RESPONSE ACTION OUTCOME LETTER

LISKO ENVIRONMENTAL

1300 Main Street
Box 083
Belmar, NJ 07719
P: 732.996.4792

January 17, 2022

Ms. Elaine McCormick, Executrix
Estate of Elsie Pistoia
1530 Magnolia Avenue
Williamstown, New Jersey 08094

Re: Response Action Outcome
Remedial Action Type: Unrestricted Use
Scope of Remediation: Area(s) of Concern: AOC-1: UST System (Tank-1 (8,000-gallon unleaded gasoline UST), Tank-2 (8,000-gallon unleaded gasoline UST), Tank-3 (3,000-gallon leaded gasoline UST), Tank-4 (2,000-gallon leaded gasoline UST), Tank-5 (1,000-gallon kerosene UST), Tank-6 (3,000-gallon leaded gasoline UST) with two dispensers and appurtenance piping) and no other areas
Case Name: Pistoia Tire Company, Inc.
Address: 6380 Black Horse Pike
Municipality: Hamilton Township
County: Atlantic
Block: 588; Lot: 19.01
Preferred ID: 026175
Communication Center #: 18-08-08-1348-30
Well Permit #: E201905859, E201905860, E201905861, E201905862, E202009148, E202009149

Dear Ms. McCormick:

As a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C to conduct business in New Jersey, I hereby issue this Response Action Outcome for the remediation of the area of concern specifically referenced above. I personally reviewed and accepted all of the referenced remediation and based upon this work, it is my professional opinion that this remediation has been completed in compliance with the Administrative Requirements for the Remediation of Contaminated Sites (N.J.A.C. 7:26C), that is protective of public health, safety and the environment. Also, full payment has been made for all Department fees and oversight costs pursuant to N.J.A.C. 7:26C-4.

This remediation includes the completion of a Site Investigation, Remedial Investigation, and Remedial Action as defined pursuant to the Technical Requirements for Site Remediation (N.J.A.C. 7:26E).

My decision in this matter is made upon the exercise of reasonable care and diligence and by applying the knowledge and skill ordinarily exercised by licensed site remediation professionals in good standing practicing in the State at the time these professional services are performed.

As required pursuant to N.J.A.C. 7:26C-6.2(b)2ii, a copy of all records related to the remediation that occurred at this location is being simultaneously filed with the New Jersey Department of Environmental Protection (Department). These records contain all information upon which I based my decision to issue this Response Action Outcome.

By operation of law a Covenant Not to Sue pursuant to N.J.S.A. 58:10B-13.2 applies to this remediation. The Covenant Not to Sue is subject to any conditions and limitations contained herein. The Covenant Not to Sue remains effective only as long as the real property referenced above continues to meet the conditions of this Response Action Outcome.

CONDITIONS

Pursuant to N.J.S.A. 58:10B-12o, the Estate of Elsie Pistoia and any other person who is liable for the cleanup and removal costs, and remains liable pursuant to the Spill Compensation and Control Act, N.J.S.A. 58:10-23.11 et seq. shall inform the Department in writing, on a form available from the Department, within 14 calendar days after its name or address changes. Any notices you submit pursuant to this paragraph shall reference the above case numbers and shall be sent to:

New Jersey Department of Environmental Protection
Bureau of Case Assignment and Initial Notice
Mail Code 401-05H
401 East State Street, 5th floor
PO Box 420
Trenton, New Jersey 08625-0420

NOTICES

Well Decommissioning
Pursuant to N.J.A.C. 7:9D-3, all wells installed as part of this remediation have been properly decommissioned by a New Jersey licensed well driller of the proper class in accordance with the procedures set forth in N.J.A.C. 7:9D and I have verified that the well driller's well decommissioning report has been submitted to the Bureau of Water Allocation and Well Permitting.

In concluding that this remediation has been completed, I am offering no opinions concerning whether either primary restoration (restoring natural resources to their pre-discharge condition) or compensatory restoration (compensating the citizens of New Jersey for the lost interim value of the natural resources) has been completed.

Pursuant to N.J.S.A. 58:10C-25, the Department may audit this Response Action Outcome and associated documentation up to three years following issuance. Based on a finding by the Department that a Response Action Outcome is not protective of public health, safety and the environment, the Department can invalidate the Response Action Outcome. Other justifications for the Department's invalidation of this Response Action Outcome are listed in the Administrative Requirements for the Remediation of Contaminated Sites at N.J.A.C. 7:26C-6, including, but not limited to, a Department audit following issuance of this document may be initiated at any time if: a) undiscovered contamination is found that was not addressed by the Response Action Outcome, b) if the Site Remediation Professional Licensing Board conducts an investigation of the Licensed Site Remediation Professional issuing the Response Action Outcome or, c) if the license of that person is suspended or revoked.

Thank you for your attention to these matters. If you have any questions, please contact me at (732) 996 – 4792.

Sincerely

Jonathan Lisko, LSRP ID 575491

c: Dinkar Ganti, Deeaar Holdings, LLC
Patricia Diamond, Health Officer, Atlantic County Division of Public Health
Charles Cain, Mayor, Hamilton Township
Rita Martino, Clerk, Hamilton Township
Pinelands Commission
NJDEP Bureau of Case Assignment and Initial Notice

ELECTRONIC COPY OF REMEDIAL INVESTIGATION/ REMEDIAL ACTION REPORT WITH SUPPORTING ATTACHMENTS

REMEDIAL INVESTIGATION/ REMEDIAL ACTION REPORT

PISTOIA TIRE CO. INC.
6380 Black Horse Pike
Hamilton Township, Atlantic County, NJ
NJDEP SRP PI # 026175

Prepared for:

6380 BLACK HORSE PIKE MAYS LANDING LLC
3490 US Route 1, Suite 7B
Princeton, NJ 08540

Prepared by:

LISKO ENVIRONMENTAL, LLC
1300 Main Street, Box 083
Belmar, New Jersey 07719

LISKO ENVIRONMENTAL

January 17, 2022
Lisko Project # 0064-5

TABLE OF CONTENTS

FIGURES

TABLES

TABLES (continued)

APPENDICES

LABORATORY DATA PROVIDED ELECTRONICALLY WITH THIS REPORT

- Alpha Analytical Report; Job L1924011
- Alpha Analytical Report; Job L1928159
- Alpha Analytical Report; Job L2011627
- Alpha Analytical Report; Job L2017383
- Alpha Analytical Report; Job L2039431
- Alpha Analytical Report; Job L2056917
- Alpha Analytical Report; Job L2123134
- Alpha Analytical Report; Job L2142134

1.0 INTRODUCTION

1.1 Introduction

LISKO Environmental, Inc. (LISKO) was retained to oversee the investigation and subsequent remediation of one area of concern (AOC) associated with the former Pistoia Tire Co., Inc. property located at 6380 Black Horse Pike, Mays Landing (Hamilton Township), Atlantic County, New Jersey (hereafter referred to as the "Site") as identified in the Site Investigation Report (SIR) dated June 11, 2019 and prepared by LISKO. This Remedial Investigation/Remedial Action Report (RIRAR) presents the results of the investigation and remediation activities. This Report has been prepared in accordance with the New Jersey Department of Environmental Protection (NJDEP) *Technical Requirements for Site Remediation* at New Jersey Administrative Code (N.J.A.C. 7:26E) and applicable Site Remediation Program (SRP) Technical Guidance Documents.

1.2 Regulatory Criteria

1.2.1 Applicable Regulatory Criteria

In accordance with the Site Remediation Reform Act, N.J.S.A. 58:10C-1 et seq. (SRRA) and as presented in the Remedial Action Workplan with Discharge to Groundwater Proposal (RAW/DGW) dated October 16, 2019 and prepared by LISKO, the following regulatory citations provide applicable screening and remediation standards for the contaminants of concern presented in this report.

NJAC 7:26E *Technical Requirements for Site Remediation* (Tech Rule) last amended on August 6, 2018 expiring on March 13, 2026, presents the technical requirements for site remediation.

NJAC 7:26D *Remediation Standards*, last amended on September 18, 2017 expiring on April 27, 2022, presents Residential Direct Contact Soil Remediation Standards (RDCSRS) and Non-Residential Direct Contact Soil Remediation Standards (NRDCSRS).

NJAC 7:9C *Groundwater Quality Standards* (GWQS), adopted on March 4, 2014 and last amended on June 1, 2020, presents Class I-PL Specific Groundwater Quality Criteria (GWQC) and Practical Quantitation Levels (PQLs).

Development of Impact to Groundwater Soil Remediation Standards using the Soil Water Partition Equation (Version 2.0 – November 2013) by incorporation from NJAC 7:26D Remediation Standards, expiring on April 27, 2022, presents Default Impact to Groundwater Soil Screening Levels (DIGWSSL).

Vapor Intrusion Technical Guidance (Version 4.1 – January 2018) by incorporation from N.J.A.C 7:26E Technical Requirements for Site Remediation, expiring on May 7, 2019, presents Generic Vapor Intrusion Screening Levels, Rapid Action Levels for Indoor Air and Groundwater Screening Levels for Alternate Soil Textures.

Evaluation of Extractable Petroleum Hydrocarbons in Soil Technical Guidance (Version 1.0 – June 2019) presents extractable petroleum hydrocarbon, naphthalene and 2-methylnaphthalane (2-MN) screening and remediation criteria.

1.2.2 Phase-In of *Remediation Standards* adopted May 17, 2021

On May 17, 2021, the NJDEP adopted amended *Remediation Standards* at NJAC 7:26D. In accordance with the NJDEP technical memorandum *Phase-In Period Guidance for the Use of Remediation Standards, NJAC 7:26D (Version 2.0, May 2021)*, the person responsible for conducting remediation (PRCR) may use a remediation standard the NJDEP adopted or developed for the soil ingestion-dermal exposure pathway or the soil inhalation exposure pathway pursuant to N.J.S.A. 58:10B-12a, or other authority, that was in effect between September 18, 2017, and May 16, 2021 and (2) may use a site-specific remediation standard or criterion that the Department developed for the migration to ground water exposure pathway and the vapor intrusion pathway under N.J.S.A. 58:10B- 12a, or other authority, between June 2, 2008, and May 16, 2021; if (inclusive):

- The standard is not greater than or equal to an order of magnitude than the otherwise applicable remediation standard adopted in the May 17, 2021 version of the Remediation Standards (N.J.A.C. 7:26D);
- A remedial action workplan or a remedial action report containing standards or criteria developed for the site or an area of concern under N.J.S.A. 58:10B-12a was submitted to the NJDEP between March 19, 2018, and November 17, 2021 (six months after the May 17, 2017 effective date of the rule amendment);
- The remedial action workplan or remedial action report was either approved by the NJDEP or certified by a Licensed Site Remediation Professional; and
- The PRCR completes the remedial action within the applicable remedial action regulatory timeframe pursuant to the Tech Rule.

The standards and criteria identified in Section 1.2.1 all meet the requirements listed above, with the exception of:

- Benzaldehyde (R/NRDCSRS)
- Butylbenzyl phthalate (NRDCSRS)
- Caprolactum (R/NRDCSRS)
- Cobalt (RDCSRS)
- Ethylbenzene (R/NRDCSRS)
- Hexachlorocyclopentadiene (RDCSRS, DIGWSSL)
- Bis(2-ethylhexyl)phthalate (DIGWSSL)
- Copper (DIGWSSL)
- 4,4’-DDE (DIGWSSL)
- 4,4’-DDT (DIGWSSL)
- 1,1-Dichloroethene (R/NR VISL for Indoor Air)

As a result, any compound listed above shall be compared to the applicable *Remediation Standards* adopted on May 17, 2021 for the respective pathway(s) listed in parentheses.

1.3 Regulatory Timeframes

The following table presents regulatory timeframes in accordance with NJAC 58:10C-27a (3) as documented on the NJDEP Dataminer Website:

LSR140001	Deadline
Date Remediation was Required to be Initiated	10/01/1998
Remedial Investigation Regulatory Timeframe	05/07/2014
Remedial Action Regulatory Timeframe	05/06/2021

With regard to the above referenced timeframes, please note the following:

- The site is a former retail gasoline station with an underground storage tank (UST) system that had not been taken out of service before October 1, 1998.
- The UST closure was completed on or about August 8, 2018. At the time of the closure, the NJDEP was notified of a release and assigned communication center number 18-08-08-1348-30.
- A Confirmed Discharge Notification Form (CDN) was submitted for the same on September 6, 2019.
- The release was administratively linked to activity number LSR140001; rather than a new LSR activity related to the date the incident was reported to the NJDEP (August 8, 2018).
- On September 25, 2019 Mr. Jonathan Lisko spoke with Mr. Bryan Moore of the NJDEP regarding the status of the case, the timeframes identified by the NJDEP, Mr. Lisko's retention by the prospective purchaser and the anticipated remedial action implementation schedule. Mr. Moore made notes of the conversation in the NJEMS system.

2.0 SITE DESCRIPTION

2.1 Site Location Overview

The regional location and physical setting of the site are presented in the table below:

Description	Identification
County	Atlantic
Municipality	Hamilton Township
Tax Parcel	Block 588; Lot 19.01
Street Address	6380 Black Horse Pike
State Plane Coordinates	Easting: 424330; Northing: 239880
Current Property Owner	Pistoia, Ralph N & Elsie R 1615 Magnolia Williamstown, NJ 08094

2.2 Topographical and Geological Information

A review of the selected portion of the 7.5 Minute topographical map contained in Figure 1 indicates that the Site is approximately 35 feet above mean sea level (MSL) and the ground surface of the site is generally flat with a gradual downward slope to the southwest. Wetlands and forested area are present on the southern portion of the Site. The closest surface water is a tributary of the Great Egg Harbor River, which is located approximately 1,450 feet southeast of the Site.

Soils encountered during this investigation consisted of well sorted medium to fine brown sand to a depth of approximately 15 feet below ground surface (bgs), which was the vertical limit of this investigation. Groundwater is generally observed from 3 to 5 feet bgs in monitoring wells installed across the Site.

2.3 Site Operations

The Site is currently vacated, but was formerly utilized as an automobile service garage with gasoline and kerosene fueling pumps. It is improved with a building of approximately 1,500 square feet, which formerly housed the service garage and front office, and a smaller building to the rear of approximately 250 square feet.

3.0 AREA OF CONCERN

The following presents a summary of the area of concern (AOC) identified for the purposes of this report. The former USTs and dispenser pump locations associated with the AOC are illustrated on Figure 3.

3.1 AOC-1: UST System (Tank-1 (8,000-gallon unleaded gasoline UST), Tank-2 (8,000-gallon unleaded gasoline UST), Tank-3 (3,000-gallon leaded gasoline UST), Tank-4 (2,000-gallon leaded gasoline UST), Tank-5 (1,000-gallon kerosene UST), Tank-6 (3,000-gallon leaded gasoline UST) with two dispensers and appurtenance piping)

The Site previously contained two 8,000-gallon unleaded gasoline UST, two 3,000-gallon leaded gasoline USTs, one 2,000-gallon leaded gasoline USTs, and one 1,000-gallon kerosene UST that were removed from August 3 to 10, 2018. Several corrosion holes were observed in Tank-3 and Tank-6, and the NJDEP was notified that evidence of a release. NJDEP Incident #18-08-08-1348-30 was assigned to the case. Post-closure soil sample analytical results identified no contaminents of concern (COCs) above applicable NJDEP R/NRDCSRS. Three samples exhibited benzene concentrations in excess of NJDEP DIGWSSLs; however, these samples were collected from within the saturated zone, so no further investigation of the impact to groundwater pathway for soil is required.

On December 17, 2018, a Geoprobe® was utilized to install six temporary monitoring wells at the Site in order to investigate potential groundwater impacts associated with the former USTs. Due to the Site's location within the Pinelands Protection Area, the underlying groundwater is classified as Class I-PL (Protection Area). As a result, the groundwater analytical data was compared against NJDEP practical quatitation levels (PQLs), because no data was available at that time to suggest any COCs are present as background in local groundwater. The data identified select COCs, including benzene, methyl tert butyl ether (MTBE), total xylenes, 2-butanone (MEK), naphthalene, and numerous tentatively identified compounds (TICs) above NJDEP PQLs.

4.0 HEALTH AND SAFETY AND QUALITY ASSURANCE

4.1 Health and Safety

In accordance with the Field Sampling Procedures Manual (FSPM), a site-specific Health and Safety Plan (HASP) was developed for LISKO personnel involved with investigative activities at the Site. The HASP outlined the required monitoring equipment, personal protective equipment (PPE), action levels, exposure limits, anticipated chemical and biological hazards and emergency

procedures to be employed at the Site. Investigative and oversight activities were completed in Level D PPE. LISKO personnel are trained and certified according to the United States Department of Labor Federal Occupational Safety and Health Administration's (OSHA) Safety and Health Standards (29 CFR 1910 and 1926). The HASP is not included with the environmental records for the purposes of this report.

4.2 Quality Assurance Project Plan

In accordance with NJAC 7:26E-2.1, a Quality Assurance Project Plan (QAPP) was developed for LISKO personnel involved with investigative activities on the Site. The content of the QAPP was based on the NJDEP requirements for a quality assurance project plan for the assessment of data of known quality parameters (DKQP). The objective of the QAPP was to investigate the AOCs in accordance with the NJDEP rules and regulations. The specific data quality objectives (DQOs) were to ensure the usability of the data collected, to support the decision-making process on completion of investigation and to provide credible, documented and defensible conclusions. The QAPP for this investigation is included as Appendix A.

4.3 Groundwater Sampling Objectives

Groundwater samples for laboratory analysis were obtained from temporary or permanent monitoring wells to provide characterization of compounds present in the groundwater. All samples were collected in laboratory provided sample jars and stored in coolers maintained at four degrees Celsius (4ºC) until laboratory analysis was performed. The transport of the samples to the laboratory followed strict chain of custody protocol. Any reusable sampling equipment was decontaminated prior to and following use according to the NJDEP-approved procedures outlined in the FSPM.

4.4 Analytical Data Quality Assessment

Groundwater samples were submitted to Alpha Analytical Laboratories, Inc. (ALPHA) of Westborough, Massachusetts (NJDEP Laboratory Certification # MA015) and Mansfield, Massachusetts (NJDEP Laboratory Certification # MA935) for analysis. Sample analyses were performed in accordance with NJDEP requirements. The overall assessment of data quality was acceptable, with the data being usable. Quality control data related to calibration, interference checks, matrix spikes, laboratory duplicates, and laboratory control were within acceptable limits.

4.5 QA/QC Samples

QA/QC samples were collected in conjunction with the investigation completed by LISKO personnel on a limited basis. The collection of limited QA/QC samples did not affect the ability to utilize the analytical data collected for the purposes of completing the conceptual site model for the Site.

4.6 Equipment Calibration and Field Measurements

Field measurements of groundwater samples for the parameters of dissolved oxygen (DO), pH, specific conductance, and turbidity were conducted by Firstech Environmental, Inc. (Firstech) under NJDEP Environmental Laboratory Certification Program (ELCP) certificate number 13032 and EST Associates, Inc (EST) under NJDEP ELCP certificate number 03035. A fully calibrated YSI Professional Plus meter, YSI 556 Multiprobe System meter, and/or LaMotte 2020 turbidity meter were utilized for the completion of the aforementioned field analyses.

5.0 REMEDIAL INVESTIGATION TECHNICAL OVERVIEW

Remedial investigation activities completed at the Site as well as the figures and tables corresponding to the respective events are summarized in the table below:

Date	Description of Activities	Associated Documentation
June 5 & 6, 2019	Installation of Shallow Monitoring Wells and Intermediate Temporary Monitoring Well by Geoprobe®; Sampling of Intermediate Temporary Monitoring Well	Data summary (Table 2 and Figure 4A); Laboratory Data Package (Electronic Attachment); Monitoring Well Construction Data (Table 3A) and Documentation (Appendix B)
June 26, 2019	Groundwater Sampling Event (Standard 3-Volume Purge)	Data summary (Tables 3B and 4A – 4B; Figures 4A and 5A) and Field Data Sheets (Appendix C); Laboratory Data Package (Electronic Attachment)

5.1 Installations of Permitted and Temporary Monitoring Wells: June 2019

On June 5 & 6, 2019, four monitoring wells, designated MW-1 through MW-4, were installed at the Site in order to further assess and delineate shallow groundwater impacts as originally identified in the SIR (LISKO, 2019). The monitoring wells were installed by Eco Drilling, LLC (ECO), under contract and supervision by LISKO, via hollow-stem auger to depths of approximately 12 feet bgs and constructed of 2-inch schedule-40 PVC with 0.010 slot screen from 2 to 12 feet bgs.

Additionally, one temporary monitoring well, designated TMW-7, was installed at the Site for vertical delineation purposes. ECO installed TMW-7 to approximately 30 feet bgs and constructed it of 1-inch schedule-40 PVC with 0.010 slot screen from 25 to 30 feet bgs. LISKO collected a groundwater sample from TMW-7, and it was transported to ALPHA under chain of custody for analysis of volatile organic compounds (VOCs) and base neutrals (BNs) in accordance with the analytical methods presented below:

Analytical Methods for Groundwater

Compounds	Method
VOCs	EPA 8260C/5035
BNs	EPA 8270D with Selected Ion Monitoring (SIM)

5.2 Groundwater Sample Collection and Analysis: June 2019

On June 26, 2019, a groundwater sampling event was completed by Firstech. A minimum of three well volumes were purged from monitoring wells MW-1 through MW-4 prior to collection of groundwater samples from each. Dissolved oxygen, pH, temperature, and conductivity levels were measured prior to purging, during purging, and prior to sample collection. After allowing for sufficient groundwater recharge, samples were collected using a dedicated Teflon®-lined bailers. The groundwater samples were transported to ALPHA under chain of custody for analysis of VOCs and BNs in accordance with the analytical methods listed in Section 5.1.

5.3 Groundwater Results Discussion

The data generated during the site investigation and remedial investigation was utilized for the development of a conceptual site model of the COCs observed in groundwater beneath the Site. No COC impact was identified below the shallow aquifer. Maximum concentrations of COCs observed in groundwater are presented in the following table:

Primary Contaminants of Concern in Groundwater (µg/L)

COC	Class I-PL GWQC	VISL-GW	Highest Concentration Remaining Onsite	Sample ID
Benzene	1	20	3.4	MW-3
Ethylbenzene	2	700	320	MW-3
Xylenes, Total	2	8,600	540	MW-3
Isopropylbenzene	1	NS	18	MW-3
Cyclohexane	1	16,000	3.4	MW-3
Methyl cyclohexane	1	NS	1.8	MW-3
Methyl tert butyl ether (MTBE)	1	580	3.6	TMW-4
2-Butanone (MEK)	2	2,500,000	2.4	TMW-2
Naphthalene	2	300	25	MW-3
Combined VO + BN TICs	NS*	NS	1,524	MW-3

Notes:
Class I-PL GWQC = NJDEP Class I-Pinelands Ground Water Quality Standards
VISL-GW = NJDEP Vapor Intrusion Screening Levels for Ground Water
NS = No published standard
NS* = TICs to be assessed individually for Class I-PL GWQC; See Tables 2 & 3 for individual TIC concentrations compared with their respective Class I-PL GWQC
Yellow highlight denotes exceedance of Class I-PL GWQC

6.0 REMEDIAL ACTIVITIES

Following the submission of the RAW/DGW (LISKO, 2019), the NJDEP issued a *Discharge to Ground Water Authorization* (DGWA) dated November 25, 2019, which has been included as Appendix D. The following table summarizes the remedial and performance monitoring activities completed in the time since the issuance of the DGWA (NJDEP, 2018):

Date	Description of Activities	Associated Documentation
March 13, 2020	Baseline Groundwater Sampling Event (Standard 3-Volume Purge)	Data summary (Tables 3B and 5A – 5C; Figures 4B and 5B) and Field Data Sheets (Appendix C); Laboratory Data Package (Electronic Attachment)
March 27, 2020	In Situ Treatment Event	DGW Authorization and Boring Location Map (Appendix D)
April 27, 2020	Performance Monitoring Groundwater Sampling Event (Low-Flow Purge)	Data summary (Tables 3B and 6A – 6C; Figures 4C and 5C) and Field Data Sheets (Appendix C); Laboratory Data Package (Electronic Attachment)

Date	Description of Activities	Associated Documentation
September 3, 2020	Installation of Shallow and Intermediate Monitoring Wells by Geoprobe®	Monitoring Well Construction Data (Table 3A) and Documentation (Appendix B)
September 18, 2020	Performance Monitoring Groundwater Sampling Event (Low-Flow Purge)	Data summary (Tables 3B and 7A – 7C; Figures 4D and 5D) and Field Data Sheets (Appendix C); Laboratory Data Package (Electronic Attachment)
December 18, 2020	Attainment Monitoring Groundwater Sampling Event (Low-Flow Purge)	Data summary (Tables 3B and 8A – 8C; Figures 4E and 5E) and Field Data Sheets (Appendix C); Laboratory Data Package (Electronic Attachment)
May 4, 2021	Attainment Monitoring Groundwater Sampling Event (Low-Flow Purge)	Data summary (Tables 3B and 9; Figures 4F and 5F) and Field Data Sheets (Appendix C); Laboratory Data Package (Electronic Attachment)
August 5, 2021	Attainment Monitoring Groundwater Sampling Event (Low-Flow Purge)	Data summary (Tables 3B and 10; Figures 4G and 5G) and Field Data Sheets (Appendix C); Laboratory Data Package (Electronic Attachment)
January 14, 2022	Monitoring Well Abandonment	Appendix I

6.1 Baseline Groundwater Sampling Event: March 13, 2020

On March 13, 2020, a groundwater sampling event was completed by LISKO. A minimum of three well volumes were purged from monitoring wells MW-1 through MW-4 prior to collection of groundwater samples from each. Field parameter (i.e., dissolved oxygen, pH, temperature, conductivity, and redox potential) levels were recorded prior to purging, during purging, and prior to sample collection; however, LISKO is not an ELCP certified laboratory, so these values are included for reference and not for any compliance purposes. After allowing for sufficient groundwater recharge, samples were collected using a dedicated Teflon®-lined bailers.

The groundwater samples were transported to ALPHA under chain of custody for analysis of VOCs, BNs, and various secondary parameters (i.e., alkalinity, nitrate, nitrite, total iron, total arsenic, and sulfate) in accordance with the analytical methods presented below:

Analytical Methods for Groundwater

Compounds	EPA Method
VOCs	EPA 8260C/5035
BNs	EPA 8270D with SIM
Alkalinity	SM 2320B
Nitrate	EPA 353.2 / SM 4500NO_3-F
Nitrite	EPA 353.2 / SM 4500NO_3-F/NO_2-B
Iron	EPA 6020B
Arsenic	EPA 6020B
Sulfate	SM 4500SO_4-E / EPA 9038

The laboratory analytical results reported detections of various TICs and secondary parameters above Class I-PL GWQC in all four monitoring well samples. As these samples were collected prior to commencement of in situ treatment at the Site, the highest reported concentrations for each secondary parameter were utilized as comparative baseline values for subsequent post-treatment sampling events.

6.2 In Situ Treatment Event: March 27, 2020

On March 27, 2020, LISKO completed an in-situ treatment event at the Site in general accordance with the remedial strategy proposed in the RAW/DGW (LISKO, 2019) and approved by the Discharge to Groundwater Authorization (DGW Authorization) dated November 25, 2019. In general:

- On March 27, 2020 LISKO installed seven injection points within the treatment area to a maximum depth of 10 feet below grade surface. Injection points were installed by stainless-steel hand auger.

- HydroRemed® containing a bacterial population of approximately 5,000,000 colony forming units (CFU) per milliliter was injected into each injection point via gravity feed. At each injection point, approximately three gallons of HydroRemed mixed with approximately 20 gallons of potable water was injected via gravity feed into each boring.

- The injection was completed over a period of approximately eight hours. During the injection, the treatment area was monitored for evidence of malfunction. No breakout, wet areas, ponding odors or elevated PID readings were detected in the nearby work area. The onsite building is vacant, abandoned and condemned. Accordingly, no monitoring inside the building was conducted; however, no PID readings were detected proximal to the building during the injection event.

- At the conclusion of the event, all injection materials were removed from the injection points. Running sands backfilled the annulus of each injection point to an approximate depth of three feet below grade surface. The remainder of the annulus was backfilled with recovered cuttings from the boring.

- No additional injections were completed at the site.

With respect to the Groundwater Monitoring Requirements:

- The baseline groundwater monitoring was completed on March 13, 2020 for the parameters identified in the DGW Authorizations.

- The 30-day performance monitoring was completed on April 27, 2021 for the parameters identified in the DGW Authorizations.

- On or about May 1, 2020 LISKO temporarily lost access to the site due to an unrelated client issue. Accordingly, the 60-day performance event was conducted on September 18, 2020.

- Based on the results of the performance monitoring, attainment monitoring was conducted in December 2020, May 2021 and August 2021.

With respect to the DGW Authorization Reporting Requirements and Information Submittals:

- Consistent with NJAC 7:14A-211.11(a) and 6.2(a)14 LISKO notified Ryan Morford of the NJDEP was notified of the start date of the discharge.

- Consistent with NJAC 7:14A-211.11(a) and 6.2(a)14, no malfunctions or non-compliance issues were identified during the remedial action.

The DGW Authorization and Injection Location Map are presented in Appendix D.

6.3 Performance Monitoring Groundwater Sampling Event: April 27, 2020

On April 27, 2020, a groundwater sampling event was completed by EST. Low flow sampling, utilizing a stainless-steel pump with dedicated Teflon®-lined tubing, was completed for monitoring wells MW-1 through MW-4. Dissolved oxygen, pH, temperature, conductivity, redox potential, and turbidity levels were measured during purging and sample collection. The groundwater samples were collected once the field parameters were considered to have stabilized.

The groundwater samples were transported to ALPHA under chain of custody for analysis of VOCs, BNs, alkalinity, nitrate, nitrite, total iron, total arsenic, and sulfate in accordance with the analytical methods presented Section 6.1. A summary of results is presented below:

Compounds	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
VOCs	< Std. [1]	< MDL [1]	< MDL [1]	< MDL [1]	Not Installed	Not Installed
VO TICs	< MDL	< MDL	< MDL	< MDL		
BNs	< Std. [2]	< MDL [2]	< MDL [2]	< MDL [2]		
BN TICs	> 1.0 [3]	> 1.0 [3]	> 1.0 [3]	> 1.0 [3]		
Arsenic	< Std.	< Std.	< Std.	< Std.		
Iron	< Baseline	< Baseline	< Baseline	< Baseline		
Alkalinity	< Baseline	< Baseline	< Baseline	< Baseline		
Nitrite	< Baseline	< Baseline	< Baseline	< MDL		
Nitrate	> Baseline	< Baseline	> Baseline	< Baseline		
Sulfate	< MDL	< MDL	< MDL	< Std.		

Cells highlighted in green denotes compliance with applicable standard or baseline concentration.

Notes:

1. Method Detection Limit (MDL) or Reporting Limit (RL) are above the Practical Quantitation Limit (PQL) for select VOCs. Discussed in Section 7.0.
2. MDLs and/or RLs are above the PQL for select SVOCs. Discussed in Section 7.0.
3. SVO TICs are above the Groundwater Quality Standard (GWQS) for Class I-PL of 1.0 ug/l. GWQS of 1.0 was utilized since no background well was installed at this point in the investigation.

6.4 Installation of Shallow and Intermediate Monitoring Wells: September 3, 2020

On September 3, 2020, one intermediate/vertical delineation well, designated MW-5, and one shallow monitoring well, designated MW-6, were installed at the Site. The monitoring wells were installed via hollow-stem auger by ECO, under contract and supervision by LISKO. Monitoring well MW-5 was constructed of 2-inch schedule-40 PVC with 0.010 slot screen from 25 to 30 feet bgs to monitor for vertical migration of groundwater impacts and in situ treatment byproducts. Monitoring well MW-6 was constructed of 2-inch schedule-40 PVC with 0.010 slot screen from 2 to 12 feet bgs and installed at a hydraulically upgradient location in order to establish background TIC concentrations.

6.5 Performance Monitoring Groundwater Sampling Event: September 18, 2020

On September 18, 2020, a groundwater sampling event was completed by EST. Low flow sampling, utilizing a stainless-steel pump with dedicated Teflon®-lined tubing, was completed for monitoring wells MW-1 through MW-6. Dissolved oxygen, pH, temperature, conductivity, redox potential, and turbidity levels were measured during purging and sample collection. The groundwater samples were collected once the field parameters were considered to have stabilized.

The groundwater samples were transported to ALPHA under chain of custody for analysis of VOCs, BNs, alkalinity, nitrate, nitrite, total iron, total arsenic, and sulfate in accordance with the analytical methods presented Section 6.1. A summary of results is presented below.

Compounds	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6 (Background)
VOCs	< Std. [1, 2]	< Std. [1, 2]	< Std. [1]	< Std. [1, 2]	< Std. [1]	< Std. [1, 3]
VO TICs	< MDL	< MDL	< MDL	< MDL	< MDL	< MDL
BNs	< Std. [4]	< MDL [4]	< MDL [4]	< MDL [4]	< MDL [4]	< MDL [4]
BN TICs	< Background	< Background [5]	< Background [6]	< Background	< Background [5]	Background [7]
Arsenic	< Std.	< Std.	< Std.	< MDL	> Baseline	> Baseline
Iron	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline
Alkalinity	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline
Nitrite	< Baseline	< MDL	< MDL	< MDL	< MDL	< Baseline
Nitrate	> Baseline	> Baseline	> Baseline	< Std.	< Std.	< Baseline
Sulfate	< MDL [8]	< MDL	< MDL	< MDL	< MDL	< MDL [8]

Cells highlighted in green denotes compliance with applicable standard or baseline concentration.

Notes:

1. MDLs and/or RLs are above the PQL for select VOCs. Discussed in Section 7.0.
2. Acetone was detected in the well at concentrations below the applicable standard.
3. Acetone was detected in MW-6 at a concentration of 11.0 ug/l, above the applicable standard of 10 ug/l. MW-6 is a background well and acetone in this monitoring well is identified as a background, and likely a laboratory artifact 3erdcx.29 job ug/l. The same BN TIC was detected in in MW-5 at a concentration of 1.82j ug/l. This BN TIC was detected in an associated method blank and is considered a laboratory artifact. Accordingly, the BN TIC identified

as Unknown Alcohol in MW-2 and MW-5 is not considered a COC for this event.

4. A BN TIC identified as an Unknown Organic Acid was detected in MW-3 at a concentration of 6.04j ug/l. This BN TIC was not specifically identified in background well MW-6. However, based on a conversation with representatives of Alpha Laboratories, the BN TIC is most closely associated with unknown Organic Acid in MW-6 detected at a concentration of 15.0 ug/l. Accordingly, it's reasonable to conclude that the BN TIC identified as Unknown Organic Acid in MW-3 is below its corresponding background concentration identified in MW-6 and is therefore considered below applicable standards.
5. MW-6 is installed upgradient and outside of the footprint of the remediation. Concentrations detected in MW-6 are considered Background Concentrations.
6. MDLs and/or RLs are above the PQL for Sulphate. Discussed in Section 7.0.

Based on a review of laboratory analytical data, this round of sampling represents the first "clean" round of groundwater samples with the exception of arsenic in MW-5 and MW-6.

6.6 Attainment Monitoring Groundwater Sampling Event: December 18, 2020

On December 18, 2020, a groundwater sampling event was completed by EST. Low flow sampling, utilizing a stainless-steel pump with dedicated Teflon®-lined tubing, was completed for monitoring wells MW-1 through MW-6. Dissolved oxygen, pH, temperature, conductivity, redox potential, and turbidity levels were measured during purging and sample collection. The groundwater samples were collected once the field parameters were considered to have stabilized.

The groundwater samples were transported to ALPHA under chain of custody for analysis of VOCs, BNs, alkalinity, nitrate, nitrite, total iron, total arsenic, and sulfate in accordance with the analytical methods presented Section 6.1. A summary of results is presented below.

Compounds	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6 (Background)
VOCs	< Std. [1]	< Std. [1, 2]	< Std. [1]	< Std. [1]	< Std. [1]	< Std. [1, 2]
VO TICs	< Baseline [3]	< Baseline [3]	< MDL	< MDL	< MDL	< Std. [4]
BNs	< MDL [5]	< MDL [5]	< MDL [5]	< MDL [5]	< MDL [5]	< MDL [5]
BN TICs	< Baseline [6, 7, 8]	< Baseline [6]	< Baseline [9]	< Baseline [9]	< Baseline [6]	< Baseline
Arsenic	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline
Iron	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline
Alkalinity	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline
Nitrite	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline	Is Background [10]
Nitrate	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline
Sulfate	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline

Cells highlighted in green denotes compliance with applicable standard or baseline concentration

Notes:

1. MDLs and/or RLs are above the PQL for select VOCs. Discussed in Section 7.0.
2. Acetone was detected in MW-1 at a concentration of 20 ug/l and in MW-6 at a concentration of 11.0 ug/l, above the applicable standard of 10 ug/l. MW-1 and

MW-6 are both considered background wells and acetone in these monitoring well is identified as a background, and likely a laboratory artifact resulting from standard laboratory operations and maintenance procedures. Accordingly, acetone is not a COC for the purposes of this sampling event.

3. A VOC TIC identified as "Unknown" was detected in MW-1 at a concentration of 1.02 ug/l and MW-2 at a concentration of 1.07 ug/l. This same VO TIC was identified in the Field Blank for this sample set at a concentration of 1.14 ug/l and is considered a laboratory artifact. Accordingly, the VO TIC identified as Unknown in MW-1 and MW-2 is not considered a COC for this event.
4. Background concentrations for VO TICs are identified as the greater of the two corresponding VOC TIC concentrations identified in MW-6 during the September 18, 2020 and December 18, 2020 sampling events.
5. MDLs and/or RLs are above the PQL for select SVOCs. Discussed in Section 7.0.
6. Background concentrations for BN TICs are identified as the greater of the two corresponding BN TIC concentrations identified in MW-6 during the September 18, 2020 and December 18, 2020 sampling events.
7. A BN TIC identified as an Unknown Alcohol was detected in MW-1 at a concentration of 1.53 ug/l which did not specifically correspond to an unknown alcohol identified in MW-6. Furthermore, based on a conversation with representatives of Alpha Laboratories, the unknown TICs cannot be further defined and are only tentatively defined. However, for the purposes of tis event, MW-1 is generally considered to be upgradient of the plume area as well as the footprint of the remediation area and considered to be representative of a background concentration in the well. Accordingly, the BN TIC identified as Unknown Alcohol in MW-1 is not considered a COC for this event.
8. A BN TIC identified as Unknown was detected in MW-1 at a concentration of 7.45 ug/l. The same BN TIC identified as Unknown was detected in MW-6 at a concentration of 7.02 ug/l on September 18, 2020 and a concentration of 1.96 in MW-6 on December 18, 2020. Furthermore, based on a conversation with representatives of Alpha Laboratories, the unknown TICs cannot be further defined and are only tentatively defined. However, for the purposes of this event, MW-1 is generally considered to be upgradient of the plume area as well as the footprint of the remediation area and considered to be representative of a background concentration in the well. In addition, the same BN TIC is identified at lower concentrations in the plume area monitoring wells MW-2, MW-3, MW-4 and MW-5. Based on available data, it's reasonable to conclude that this BN TIC identified as Unknown, is the result of natural background conditions and is not representative of a release or remnants of an in-situ remediation. Accordingly, the BN TIC identified as Unknown in MW-1 has a background established at a concentration equal to that identified in the MW-1 sample of 7.45 ug/l and is therefore considered at or below the applicable standard for this sampling event.
9. A BN TIC identified as an Unknown Organic Acid was detected in MW-3 at a concentration of 1.64 ug/l and MW-4 at a concentration of 3.56 ug/l which did not specifically correspond to the same unknown alcohol identified in background well MW-6. Furthermore, based on a conversation with representatives of Alpha Laboratories, the unknown TICs cannot be further defined and are only tentatively defined; however, the laboratory offered that the subject BN TICs were most closely associated with the other Unknown Organic TICs identified in MW-6 at respective background concentrations or

25.1 ug/l and 15.1 ug/l. Given that no further characterization of the BN TIC identified as an Unknown Alcohol can be completed, its reasonable to compare its concentration to the most closely associated Unknown Alcohol concentrations observed in background well MW-6. Accordingly, the BN TIC identified as Unknown Alcohol in MW-3 and MW-4 are considered to be below the baseline concentrations for this sample event.

10. Background concentrations for Nitrite is identified as the greater of the baseline sampling event conducted on March 13, 2020 and the concentrations identified in background MW-6 during the September 18, 2020 and December 18, 2020 sampling events. Accordingly, Nitrite in MW-6 at a concentration of 80.4 ug/l is identified to be the baseline concentration and is considered to be within applicable standards for this event.

Based on a review of laboratory analytical data, this round of sampling represents the second consecutive "clean" round of groundwater samples for all COCs at the site, with the exception of arsenic. This sample event is considered the first "clean" round of groundwater samples for arsenic at the site.

6.7 Attainment Monitoring Groundwater Sampling Event: May 4, 2021

On May 4, 2021, a groundwater sampling event was completed by EST. Low flow sampling, utilizing a stainless-steel pump with dedicated Teflon®-lined tubing, was completed for monitoring wells MW-1 through MW-6. Dissolved oxygen, pH, temperature, conductivity, redox potential, and turbidity levels were measured during purging and sample collection. The groundwater samples were collected once the field parameters were considered to have stabilized.

The groundwater samples transported to ALPHA under chain of custody for analysis of nitrate, nitrite, and total arsenic in accordance with the analytical methods presented Section 6.1. A summary of results is presented below.

Compounds	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6 (Background)
VOCs	Monitoring of this parameter was discontinued since two consecutive clean rounds of groundwater samples were obtained.					
VO TICs	Monitoring of this parameter was discontinued since two consecutive clean rounds of groundwater samples were obtained.					
BNs	Monitoring of this parameter was discontinued since two consecutive clean rounds of groundwater samples were obtained.					
BN TICs	Monitoring of this parameter was discontinued since two consecutive clean rounds of groundwater samples were obtained.					
Arsenic	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline	< Baseline
Iron	Monitoring of this parameter was discontinued since two consecutive clean rounds of groundwater samples were obtained.					
Alkalinity	Monitoring of this parameter was discontinued since two consecutive clean rounds of groundwater samples were obtained.					
Nitrite	< MDL	< Baseline	< Baseline	< MDL	< MDL	< MDL
Nitrate	< Baseline	< Baseline	< Baseline	< MDL	< MDL	< Baseline
Sulfate	Monitoring of this parameter was discontinued since two consecutive clean rounds of groundwater samples were obtained.					

Cells highlighted in green denotes compliance with applicable standard or baseline concentration

Based on a review of laboratory analytical data, this round of sampling represents the second consecutive "clean" round of groundwater samples for all COCs at the site.

6.8 Attainment Monitoring Groundwater Sampling Event: August 5, 2021

On August 5, 2021, a groundwater sampling event was completed by EST. Low flow sampling, utilizing a stainless-steel pump with dedicated Teflon®-lined tubing, was completed for monitoring wells MW-1 through MW-6. Dissolved oxygen, pH, temperature, conductivity, redox potential, and turbidity levels were measured during purging and sample collection. The groundwater samples were collected once the field parameters were considered to have stabilized.

The groundwater samples were transported to ALPHA under chain of custody for analysis of nitrate and nitrite in accordance with the analytical methods presented Section 6.1,

Compounds	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6 (Background)
VOCs	Monitoring of this parameter was discontinued since two consecutive clean rounds of groundwater samples were obtained.					
VO TICs	Monitoring of this parameter was discontinued since two consecutive clean rounds of groundwater samples were obtained.					
BNs	Monitoring of this parameter was discontinued since two consecutive clean rounds of groundwater samples were obtained.					
BN TICs	Monitoring of this parameter was discontinued since two consecutive clean rounds of groundwater samples were obtained.					
Arsenic	Monitoring of this parameter was discontinued since two consecutive clean rounds of groundwater samples were obtained.					
Iron	Monitoring of this parameter was discontinued since two consecutive clean rounds of groundwater samples were obtained.					
Alkalinity	Monitoring of this parameter was discontinued since two consecutive clean rounds of groundwater samples were obtained.					
Nitrite	< Baseline	< MDL	< MDL	< MDL	< MDL	< MDL
Nitrate	Is Background [1]	< Baseline	< Baseline	< MDL	< MDL	< Baseline
Sulfate	Monitoring of this parameter was discontinued since two consecutive clean rounds of groundwater samples were obtained.					

Cells highlighted in green denotes compliance with applicable standard or baseline concentration

Notes:

1. The laboratory analytical results reported a detection of nitrate above baseline in sample MW-1 however, no additional in situ treatments were conducted following the March 2020 event. MW-1 is located hydraulically upgradient of the in-situ treatment area. The concentration reported (320 µg/L) is approximately 2% greater than the reported baseline concentration (314 µg/L). According to the United States Environmental Protection Agency (USEPA) article "Estimated Nitrate Concentrations in Groundwater Used for Drinking": *concentrations greater than 3 mg/L (3,000 µg/L) generally indicate contamination (Madison and Brunett, 1985), and a more recent nationwide study found that concentrations over 1 mg/L (1,000 µg/L) nitrate indicate human activity (Dubrovsky et al. 2010).* – The reported concentration of 320 µg/L is well below these levels. According to the British Geological Survey (BGS) article titled "Nitrate fluctuations in groundwater: a review of potential mechanisms and application to case studies," nitrate concentrations in groundwater fluctuate throughout the year due to various hydrogeologic variables. Accordingly, Nitrite in MW-1 at a concentration of 320 ug/l is identified to be the baseline concentration and is considered to be within applicable standards for this event.

Based on a review of laboratory analytical data, this round of sampling represents the final consecutive "clean" round of groundwater samples for all remaining COCs at the site.

6.9 Monitoring Well Abandonment: January 14, 2022

In accordance with applicable regulations, six monitoring wells (MW-1 through MW-6) have been abandoned by a licensed driller and monitoring well abandonment forms have been submitted to the Bureau of Water Allocation & Well Permitting. The monitoring well decommissioning reports subsequently issued by the Bureau of Water Allocation & Well Permitting are included in Appendix I.

7.0 DATA RELIABILITY

7.1 Laboratory Data QAQC Discussion

As presented above, groundwater samples were collected and analyzed as part of the Remedial Investigation and Remedial Action conducted for the Site. The samples presented in this report were analyzed by ALPHA. Sample analyses were performed in accordance with NJDEP requirements. The overall assessment of data quality was acceptable, with the data being usable. Quality control data related to calibration, interference checks, matrix spikes, laboratory duplicates, and laboratory control were within acceptable limits. The data meet the NJDEP Reduced Deliverable reporting requirements as described in N.J.A.C. 7:26E.

The laboratory has a quality assurance program to ensure samples are analyzed properly and the results are accurate. The case narratives and conformance summaries for each laboratory job were reviewed by the Licensed Site Remediation Professional (LSRP) for this Site. Based on a review of the conformance summaries, no significant excursions or qualifications were identified that precluded the use of laboratory analytical data for the purposes of this investigation except as noted below:

- **ALPHA Report: L1924011**

  DKQP Conformance/Non-Conformance Summary Question Number 4: Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?

  Answer: No.

  VOCs
  WG1248639-4: One or more compounds failed to meet the DKQP recovery and/or RPD limits.

  DKQP Non-Conformance Summary Question Number 5b: Were these reporting limits met?

  Answer: No

  VOCs
  L1924011-01 and -02: One or more of the target analytes did not achieve the requested regulatory limits.

  DKQP Conformance/Non-Conformance Summary Question Number 7: Are project-specific matrix spikes and/or laboratory duplicates included in this data set?

  Answer: No.

- **ALPHA Report: L1928159**

DKQP Conformance/Non-Conformance Summary Question Number 4: Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?

Answer: No.

VOCs
WG1255980-3/-4: One or more compounds failed to meet the DKQP recovery and/or RPD limits.

DKQP Non-Conformance Summary Question Number 5b: Were these reporting limits met?

Answer: No

VOCs
L1928159-01 through -06: One or more of the target analytes did not achieve the requested regulatory limits.

DKQP Conformance/Non-Conformance Summary Question Number 7: Are project-specific matrix spikes and/or laboratory duplicates included in this data set?

Answer: No.

- **ALPHA Report: L2011627**

DKQP Conformance/Non-Conformance Summary Question Number 4: Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?

Answer: No.

BNs
WG1352237-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable.

DKQP Non-Conformance Summary Question Number 5b: Were these reporting limits met?

Answer: No

VOCs
L2011627-01 through -06: One or more of the target analytes did not achieve the requested regulatory limits.

DKQP Conformance/Non-Conformance Summary Question Number 7: Are project-specific matrix spikes and/or laboratory duplicates included in this data set?

Answer: No.

- **ALPHA Report: L2017383**

DKQP Conformance/Non-Conformance Summary Question Number 4: Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?

Answer: No.

VOCs
WG1366107-3 /-4: One or more compounds failed to meet the DKQP recovery and/or RPD limits.

BNs
WG1364962-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable.

BNs by SIM
WG1364978-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable.

DKQP Non-Conformance Summary Question Number 5b: Were these reporting limits met?

Answer: No

VOCs
L2017383-01 through -06: One or more of the target analytes did not achieve the requested regulatory limits.

DKQP Conformance/Non-Conformance Summary Question Number 7: Are project-specific matrix spikes and/or laboratory duplicates included in this data set?

Answer: No.

- **ALPHA Report: L2039431**

DKQP Conformance/Non-Conformance Summary Question Number 4: Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?

Answer: No.

VOCs
WG1414337-3/-4: One or more compounds failed to meet the DKQP recovery and/or RPD limits.

BNs
The WG1413850-1 Method Blank, associated with L2039431-02 through -06, has a TIC detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC.

WG1413157-2/-3 and WG1413850-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable.

BNs by SIM
WG1413158-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable.

DKQP Non-Conformance Summary Question Number 5b: Were these reporting limits met?

Answer: No

VOCs
L2039431-01 through -08: One or more of the target analytes did not achieve the requested regulatory limits.

DKQP Conformance/Non-Conformance Summary Question Number 7: Are project-specific matrix spikes and/or laboratory duplicates included in this data set?

Answer: No.

- **ALPHA Report: L2056917**

DKQP Conformance/Non-Conformance Summary Question Number 4: Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?

Answer: No.

VOCs
WG1450355-3/-4: One or more compounds failed to meet the DKQP recovery and/or RPD limits.

BNs
WG1448411-2/-3 and WG1448816-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable.

BNs by SIM
WG1448415-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable.

DKQP Non-Conformance Summary Question Number 5b: Were these reporting limits met?

Answer: No

VOCs

L2056917-01 through -08: One or more of the target analytes did not achieve the requested regulatory limits.

DKQP Conformance/Non-Conformance Summary Question Number 7: Are project-specific matrix spikes and/or laboratory duplicates included in this data set?

Answer: No.

- **ALPHA Report: L2123134**

DKQP Conformance/Non-Conformance Summary Question Number 7: Are project-specific matrix spikes and/or laboratory duplicates included in this data set?

Answer: No.

- **ALPHA Report: L2142134**

DKQP Conformance/Non-Conformance Summary Question Number 7: Are project-specific matrix spikes and/or laboratory duplicates included in this data set?

Answer: No.

Based on the above review, laboratory analytical results are acceptable for the purposes of assessing soil and groundwater quality and in most instances, may be used without qualification. A limited number of analyses for certain samples were qualified as "estimated" due to conditions related to laboratory control samples and internal standards. These qualified data were deemed usable and no results were rejected as a result of qualifications.

7.2 Discussion of COCs Reported as Not Detected with MDLs and/or RLs Greater than the Applicable Standard.

The COCs in the below table have been reported for this event with MDLs below the applicable standard and RLs above the applicable standard. For the purposes of this report, COCs reported as "not detected" where the respective MDL is below the applicable standard are considered to be acceptable given that if a COC had been detected at a concentration between the RL and the MDL, the laboratory would have reported the estimated concentration and reported the result with a "J" qualifier indicating the same.

ANALYTE	CAS	GWI-PL	MW-6 (Background)	
			L2039431-06	
			9/18/2020	
			RL	MDL
		(ug/l)	(ug/l)	(ug/l)
VOLATILE ORGANICS BY GC/MS				
Methylene chloride	75-09-2	1	2.5	0.68
Trichlorofluoromethane	75-69-4	1	2.5	0.16
Bromoform	75-25-2	0.8	2	0.25
Dichlorodifluoromethane	75-71-8	2	5	0.24
Carbon disulfide	75-15-0	1	5	0.3
2-Butanone	78-93-3	2	5	1.9
2-Hexanone	591-78-6	1	5	0.52

1,2,4-Trichlorobenzene	120-82-1	1	2.5	0.22
Methyl Acetate	79-20-9	0.5	2	0.23
Freon-113	76-13-1	0.3	2.5	0.15
BASE/NEUTRAL EXTRACTABLES BY GC/MS				
Di-n-butylphthalate	84-74-2	1	5	0.39
Diethyl phthalate	84-66-2	1	5	0.38
Fluorene	86-73-7	1	2	0.41

The compounds in the following table are reported with MDLs and RLs above their respective applicable standard.

ANALYTE	CAS	GWI-PL	MW-6 (Background) L2039431-06 9/18/2020	
			RL	MDL
		(ug/l)	(ug/l)	(ug/l)
VOLATILE ORGANICS BY GC/MS				
1,2-Dibromo-3-chloropropane	96-12-8	0.02	2.5	0.35
1,4-Dioxane	123-91-1	0.1	250	61
1,2-Dibromoethane	106-93-4	0.03	2	0.19
BASE/NEUTRAL EXTRACTABLES BY GC/MS- WESTBOROUGH LAB				
Hexachlorocyclopentadiene	77-47-4	0.5	20	0.69
Butyl benzyl phthalate	85-68-7	1	5	1.2
Chrysene	218-01-9	0.2	2	0.34
Pyrene	129-00-0	0.1	2	0.28
Atrazine	1912-24-9	0.1	3	0.76

For the purposes of this report, the compounds presented in the aforementioned table are not considered COCs for this site based on the following multiple lines of evidence:

Volatile Organic Compounds
The volatile organic compounds identified in the above table were not detected in any of the soil samples analyzed at the site and are therefore not considered COCs for this remedial action.

Base Neutral Extractable Compounds
The base neutral compounds identified in the above table have never been detected at the site in any other groundwater samples, noting that all historic samples are reported with the same MDLs and RLs for these compounds including the analyses completed at background well MW-6.

In an attempt to identify lower MDLs/RLs LISKO contacted the laboratory to review. Per discussions with the laboratory, no further resolution could be provided.

Furthermore, several rounds of groundwater sampling have been completed with all results below or equal to the background concentration and/or Pinelands Class I-PL standards. It's reasonable to conclude that since all other compounds are within the applicable standards, these specific BN Compounds and others would have been detected or exhibited in previously analyzed samples if BN impact was present in the groundwater at the site.

Based on experience at sites with similar levels of impact and the use of professional judgement, the BNs in the aforementioned table are not considered COCs for the purposes of this report and require no further investigation.

7.3 1-Methylnaphthalene Variance Request

Please be advised: per the Department's direction as noted in the NJDEP Listserv entitled *"[SRRA]: Correction to Technical Requirements for Site Remediation, N.J.A.C. 7:26E, Table 2-1, Footnote 3* and *Heating Oil Tank System Remediation Rules, N.J.A.C. 7:26F, Table 2-1, Footnotes 4 and 5*," semi-volatile analysis of water samples associated with petroleum product contamination does not require the specific analysis of 1-methylnaphthalene. As such, no effort was made by the laboratory to analyze for 1-methylnaphthalene as a target compound.

7.4 Significant Events Impacting Evaluation of Results

No significant physical events or seasonal variations have influenced sampling procedures or analytical results collected for the purposes of conducting the investigation and remediation at the Site.

8.0 CONCEPTUAL SITE MODEL

8.1 Contaminants of Concern in Soil

Based on the data presented in the *SIR* (LISKO, 2019), no COCs were observed in the soil at concentrations above their respective NJDEP R/NRDCSRS. Select VOCs were detected above their respective DIGWSSL; however, the samples were collected from within the saturated zone where R/NRDCSRS are the applicable remediation standards. In accordance with the NJDEP technical memorandum *Phase-In Period Guidance for the Use of Remediation Standards, NJAC 7:26D (Version 2.0, May 2021)*, certain compounds, which are listed in Section 1.2.2 of this report, were evaluated against newly developed Soil Remediation Standards; no exceedances were identified. No further investigation or action is proposed for COCs in soil at the Site.

8.2 Contaminants of Concern in Groundwater

Based on a review of the data generated during this investigation, groundwater impacts have been remediated to below NJDEP Class I-PL GWQC, and as discussed throughout 6.0, low-level detections are suspected to be naturally occurring. No further investigation or action is proposed for COCs in groundwater at the Site.

9.0 RECEPTOR EVALUATION UPDATE

The Initial Receptor Evaluation (IRE) was submitted for this Site on or about June 13, 2019 in conjunction with the *SIR* (LISKO, 2019). The following presents a summary of the updated receptor evaluation.

9.1 Land Use

The Site is located in a mixed-use commercial/residential area identified by Mays Landing as" Forest Area". The surface of the Site not covered by the building footprint is covered by sandy soil mixed with small pebbles and vegetation. The Site is bordered to the northeast by a wooded lot, to the south east by the service garage for Pistoia Tire (on a separate block and lot), to the

southwest by a wooded area and to the northwest by a wooded lot which appears to be improved with portions consistent with residential and commercial use. A 200-foot property use map is presented on Figure 2 and the respective list of property owners is included as Appendix E. There are no COCs present in soil above applicable NJDEP standards; thus, no further evaluation of land use is necessary at this time.

9.2 Groundwater Use

The IRE submitted in conjunction with the *SIR* (LISKO, 2019) documented the results of a well search that identified several potentially potable wells within a half mile radius of the Site. As a result, and in accordance with the NJDEP Technical Requirements for Site Remediation (N.J.A.C. 7:26E), a door-to-door survey was required to determine the existence of any unpermitted potable or irrigation wells within 500 feet of each known point of groundwater contamination.

On November 16, 2020, LISKO conducted a canvass of the surrounding area for potable wells. A Groundwater Use Survey questionnaire was mailed to all owners of applicable properties. A template of the well canvass letter has been included as Appendix F. A map of all properties within a 500-foot radius of the Site with a list of all corresponding property owners has been included as Appendix G. The log of received responses has been included as Appendix H.

Of those who responded, two neighboring properties were reported to have potable and/or irrigation wells. Upon further investigation, the locations of these wells were all found to be greater than 500 feet from the Site. The vacant building at the Site is also reportedly serviced by a potable well. Throughout the ongoing remedial activities at the Site, the building was in a state of disrepair and without power; thus, samples were no collected from the onsite potable well. Based on the findings of this report, no groundwater impact is present above NJDEP Class I-PL GWQC; thus, no further evaluation of groundwater use is necessary at this time.

9.3 Vapor Intrusion

No COCs have been detected in the groundwater beneath the Site at concentrations exceeding the Vapor Intrusion Groundwater Screening Levels. As a result, no vapor intrusion investigation is required at this time.

9.4 Baseline Ecological Evaluation

The Site is located within the Pinelands Management Area (PMA). The PMA is identified as an Environmentally Sensitive Natural Resource (ESNR) for the purposes of this report. Wetlands and forested area are present on the southern portion of the Site. The closest surface water area is a tributary of the Great Egg Harbor River, which is located approximately 1,450 feet southeast of the Site. No contaminants of potential ecological concern (COPECs) are present above applicable NJDEP ecological screening criteria; thus, no further evaluation of ecological receptors is necessary at this time.

10.0 CONCLUSIONS AND RECOMMENDATIONS

10.1 Summary of Activities

From June 5, 2019 to January 14, 2022, LISKO performed various activities at the Site, including:

- Installation of temporary and permitted monitoring wells with subsequent groundwater sample

collection, analysis, and assessment.
- In situ treatment of impacted groundwater using HydroRemed®.
- Performance and attainment monitoring groundwater sampling events.
- Well abandonment.

10.2 AOC Narrative

10.2.1 AOC-1: UST System (Tank-1 (8,000-gallon unleaded gasoline UST), Tank-2 (8,000-gallon unleaded gasoline UST), Tank-3 (3,000-gallon leaded gasoline UST), Tank-4 (2,000-gallon leaded gasoline UST), Tank-5 (1,000-gallon kerosene UST), Tank-6 (3,000-gallon leaded gasoline UST) with two dispensers and appurtenance piping)

The Site previously contained two 8,000-gallon unleaded gasoline UST, two 3,000-gallon leaded gasoline USTs, one 2,000-gallon leaded gasoline USTs, and one 1,000-gallon kerosene UST that were removed from August 3 to 10, 2018. Several corrosion holes were observed in Tank-3 and Tank-6, and the NJDEP was notified that evidence of a release. NJDEP Incident #18-08-08-1348-30 was assigned to the case. Post-closure soil sample analytical results identified no COCs above applicable NJDEP R/NRDCSRS. Three samples exhibited benzene concentrations in excess of NJDEP DIGWSSLs; however, these samples were collected from within the saturated zone, so no further investigation of the impact to groundwater pathway for soil is required. A subsequent groundwater investigation identified select COCs, including benzene, MTBE, total xylenes, MEK, naphthalene, and numerous TICs above NJDEP Class I-PL GWQC.

On March 27, 2020, LISKO implemented the in situ remedial strategy for groundwater proposed in the RAW/DGW (LISKO, 2019) and approved by the DGWA (NJDEP, 2020). The analytical results of subsequent performance and attainment monitoring events indicate that all COCs in groundwater have been remediated to below NJDEP Class I-PL GWQC. As a result, no further investigation is proposed for this AOC at this time.

10.3 Conclusion

Based on the results of the above referenced investigation and remediation, no further action is warranted for AOC-1. An Unrestricted Use, Response Action Outcome – Area of Concern (RAO-A) will be issued by the LSRP for this Site under separate cover.

This report has been reviewed for its completeness and accuracy. If you have any questions related to this report please do not hesitate to contact the undersigned at (732) 996 - 4792.

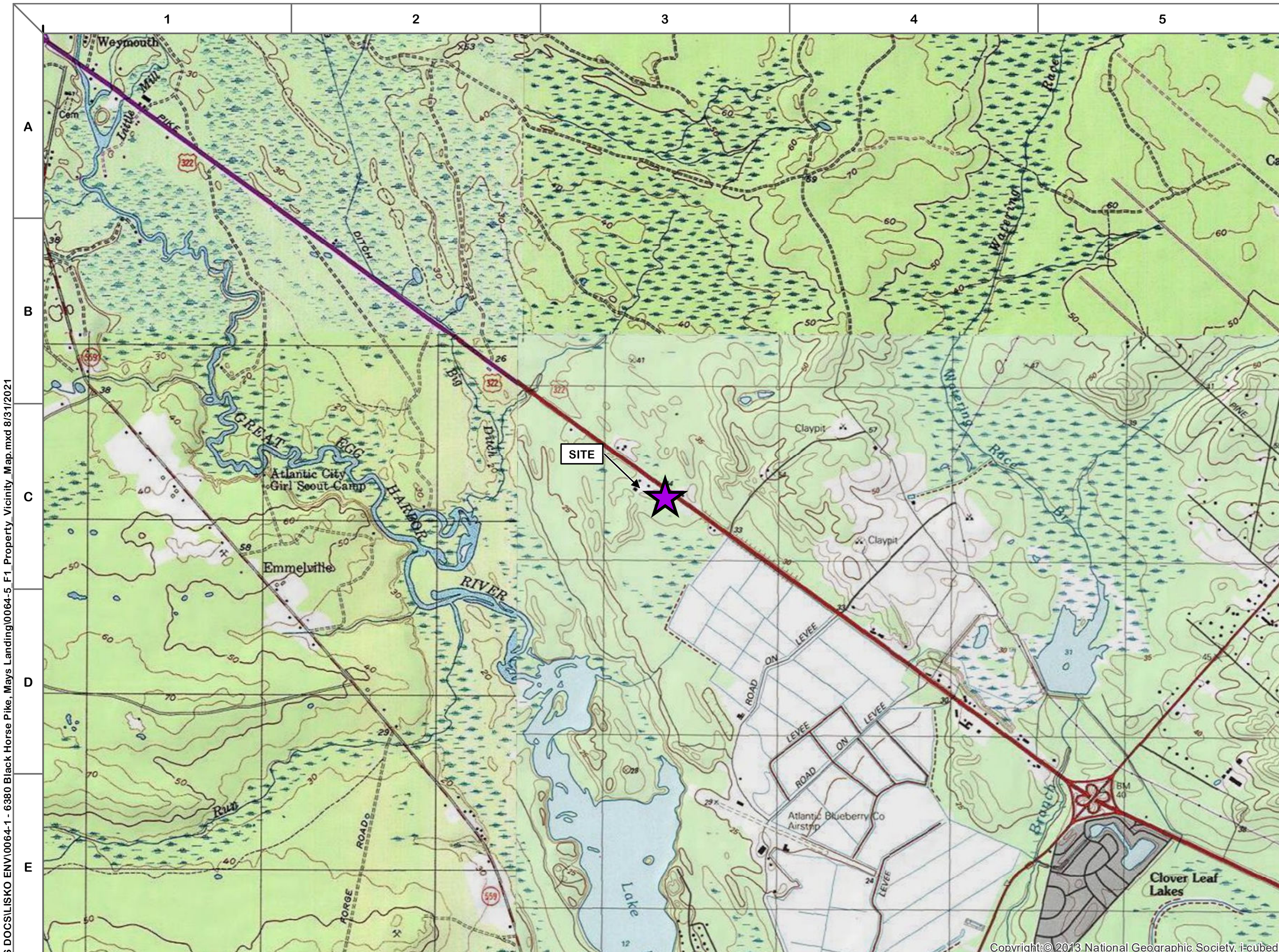
Report Prepared By:

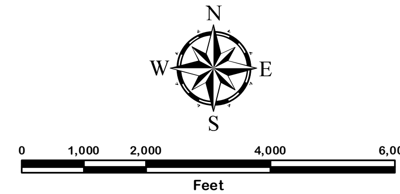
Khalil Abbaszadeh
Project Scientist

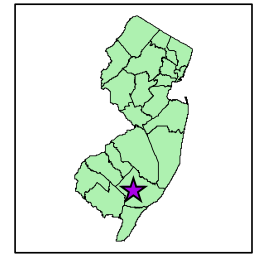
Report Reviewed By:

Jonathan Lisko
Principal Scientist

FIGURES





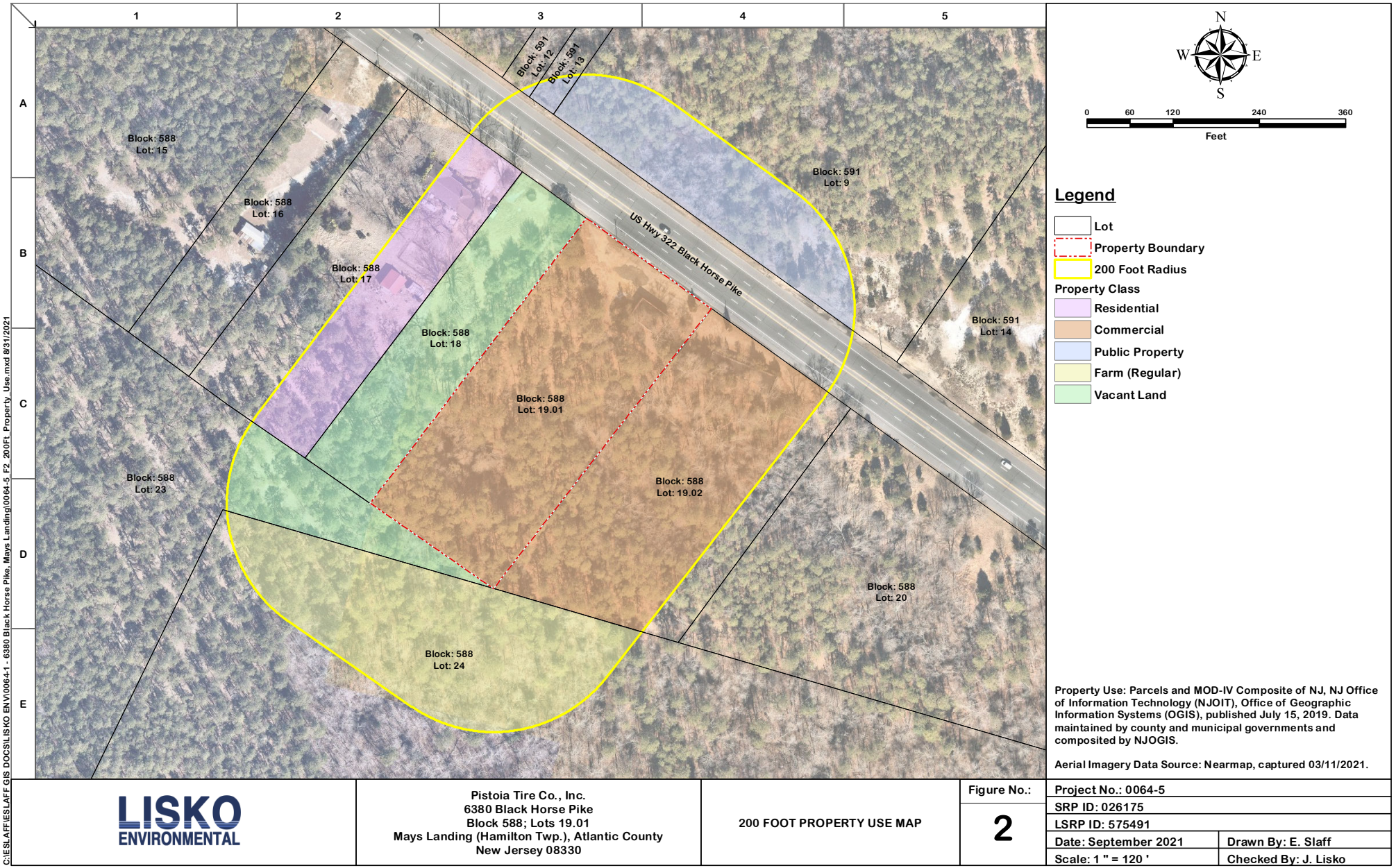


Legend

Site Location

C:\ESLAFF\ESLAFF GIS DOCS\LISKO ENV\0064-1 - 6380 Black Horse Pike, Mays Landing\0064-5_F1_Property_Vicinity_Map.mxd 8/31/2021

LISKO ENVIRONMENTAL	Pistoia Tire Co., Inc. 6380 Black Horse Pike Block 588; Lots 19.01 Mays Landing (Hamilton Twp.), Atlantic County New Jersey 08330	PROPERTY VICINITY MAP	Figure No.: 1	Project No.: 0064-5 SRP ID: 026175 LSRP ID: 575491 Date: September 2021 Scale: 1 " = 2,000 '	Drawn By: E. Slaff Checked By: J. Lisko



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Feet

Legend

- Lot
- Property Boundary
- 200 Foot Radius

Property Class

- Residential
- Commercial
- Public Property
- Farm (Regular)
- Vacant Land

Property Use: Parcels and MOD-IV Composite of NJ, NJ Office of Information Technology (NJOIT), Office of Geographic Information Systems (OGIS), published July 15, 2019. Data maintained by county and municipal governments and composited by NJOGIS.

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

200 FOOT PROPERTY USE MAP

Figure No.: 2

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 120 ' | Checked By: J. Lisko

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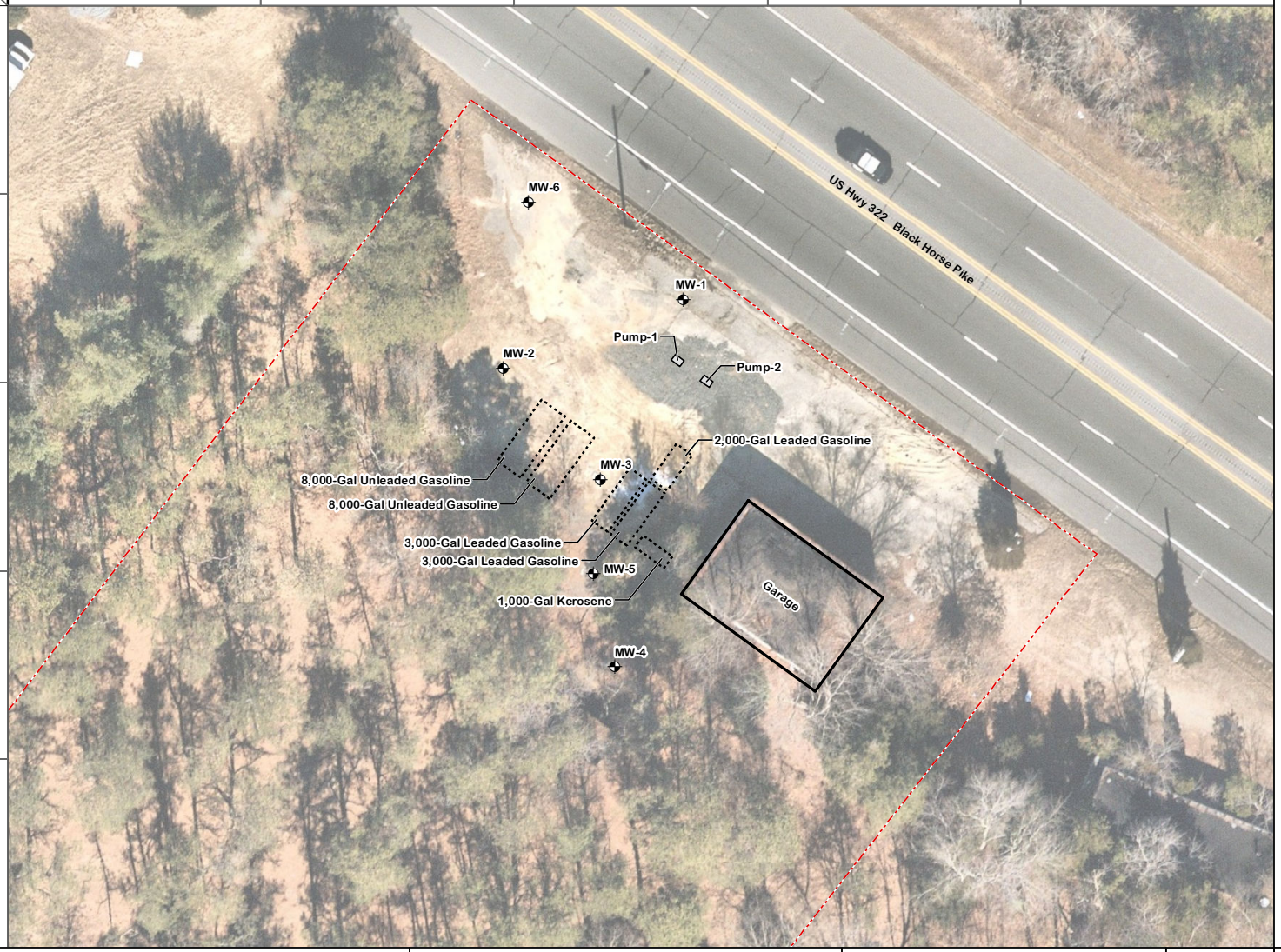

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Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Monitoring Well

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

GENERALIZED DIAGRAM OF THE SITE

Figure No.: 3

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

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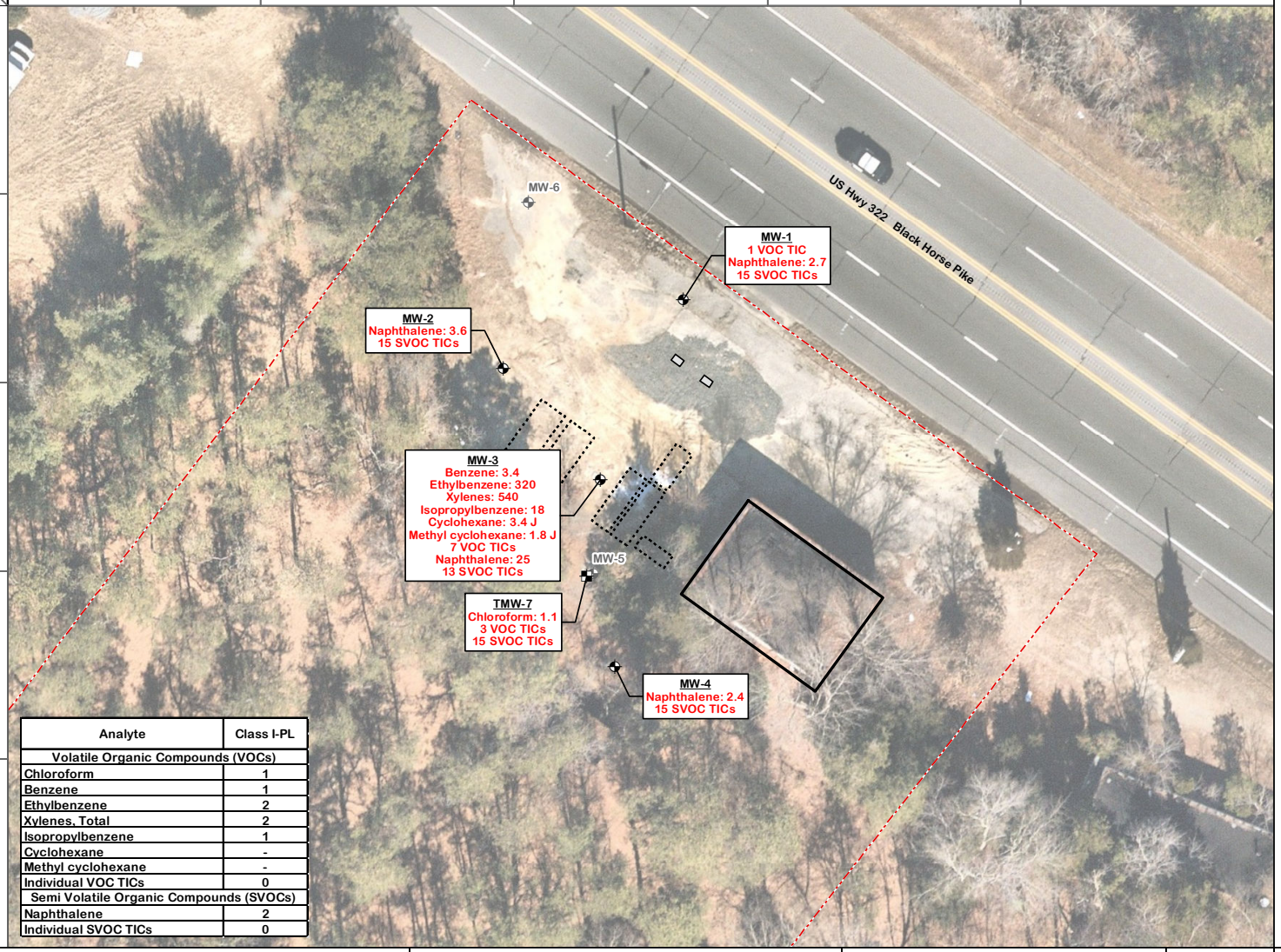

Analyte	Class I-PL
Volatile Organic Compounds (VOCs)	
Chloroform	1
Benzene	1
Ethylbenzene	2
Xylenes, Total	2
Isopropylbenzene	1
Cyclohexane	-
Methyl cyclohexane	-
Individual VOC TICs	0
Semi Volatile Organic Compounds (SVOCs)	
Naphthalene	2
Individual SVOC TICs	0

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Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Monitoring Well
- Monitoring Well (Installed at a Later Date)
- Temporary Monitoring Well

Class I-PL = NJ Groundwater Quality Class I Pinelands Criteria per Groundwater Quality Standards, last amended June 1, 2020. Class I-PL is the analyte Practical Quantitation Level (PQL).
J = Estimated concentration
TIC = Tentatively Identified Compound

All concentrations are micrograms per liter (µg/L)
Only compounds detected above the PQL are presented
Exceedance of Class I-PL

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

INITIAL GROUNDWATER SAMPLING
LOCATIONS AND RESULTS
JUNE 2019

Figure No.: 4A

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

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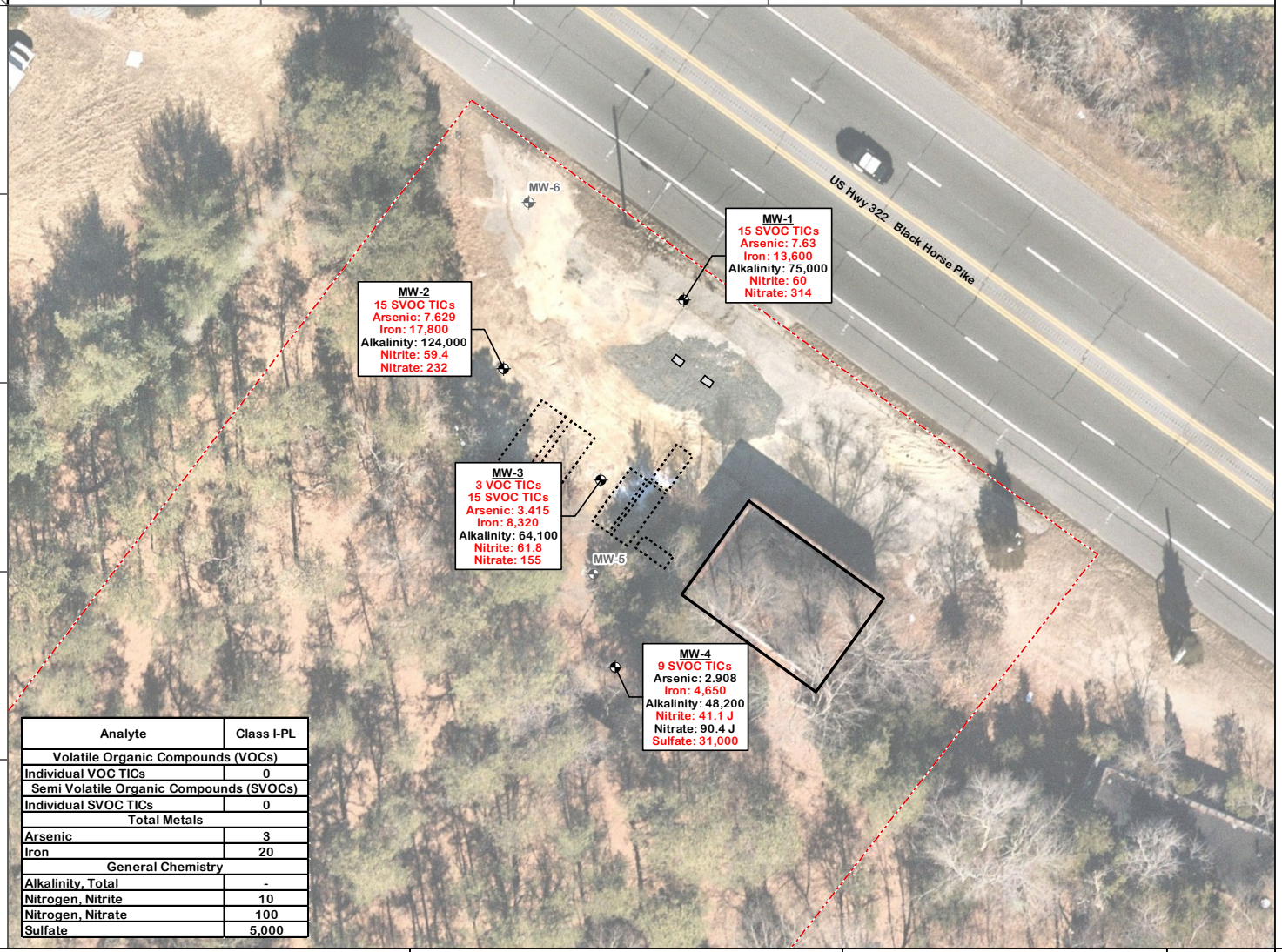

Analyte	Class I-PL
Volatile Organic Compounds (VOCs)	
Individual VOC TICs	0
Semi Volatile Organic Compounds (SVOCs)	
Individual SVOC TICs	0
Total Metals	
Arsenic	3
Iron	20
General Chemistry	
Alkalinity, Total	-
Nitrogen, Nitrite	10
Nitrogen, Nitrate	100
Sulfate	5,000

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Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Monitoring Well
- Monitoring Well (Installed at a Later Date)

Class I-PL = NJ Groundwater Quality Class I Pinelands Criteria per Groundwater Quality Standards, last amended June 1, 2020. Class I-PL is the analyte Practical Quantitation Level (PQL).
J = Estimated concentration
TIC = Tentatively Identified Compound

All concentrations are micrograms per liter (µg/L)
Only compounds detected above the PQL are presented
Exceedance of Class I-PL

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

BASELINE GROUNDWATER SAMPLING
LOCATIONS AND RESULTS
MARCH 13, 2020

Figure No.: 4B

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

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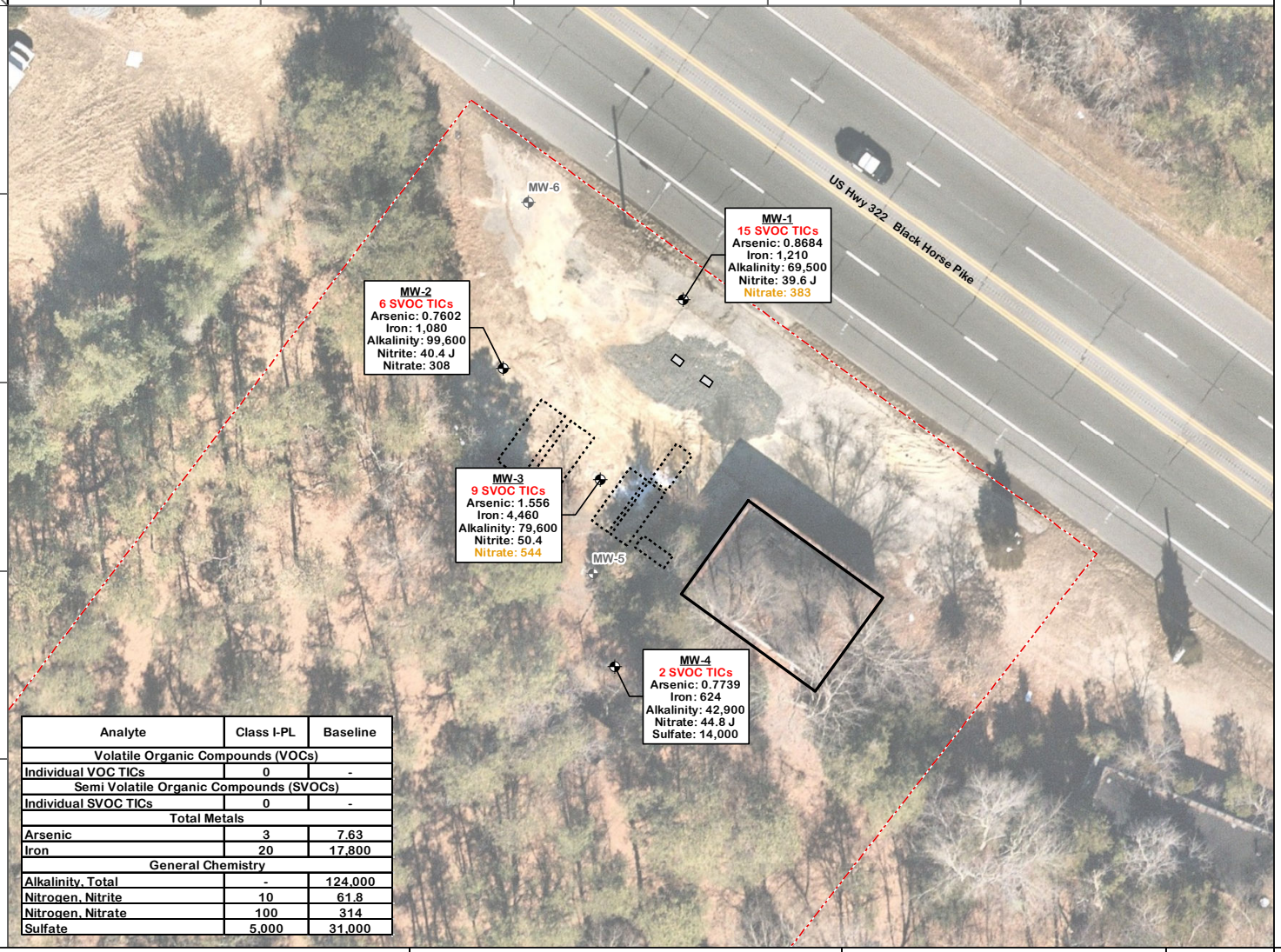

Analyte	Class I-PL	Baseline
Volatile Organic Compounds (VOCs)		
Individual VOC TICs	0	-
Semi Volatile Organic Compounds (SVOCs)		
Individual SVOC TICs	0	-
Total Metals		
Arsenic	3	7.63
Iron	20	17,800
General Chemistry		
Alkalinity, Total	-	124,000
Nitrogen, Nitrite	10	61.8
Nitrogen, Nitrate	100	314
Sulfate	5,000	31,000

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0 15 30 60 90
Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Monitoring Well
- Monitoring Well (Installed at a Later Date)

Class I-PL = NJ Groundwater Quality Class I Pinelands Criteria per Groundwater Quality Standards, last amended June 1, 2020. Class I-PL is the analyte Practical Quantitation Level (PQL).
Baseline = Baseline concentration for secondary analytes, established from the March 13, 2020 sampling event.
J = Estimated concentration
TIC = Tentatively Identified Compound

All concentrations are micrograms per liter (µg/L)
Only compounds detected above the PQL are presented
Exceedance of Class I-PL (VOCs & SVOCs)
Exceedance of Baseline (secondary analytes)

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

PERFORMANCE MONITORING
GROUNDWATER SAMPLING
LOCATIONS AND RESULTS
APRIL 27, 2020

Figure No.: 4C

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

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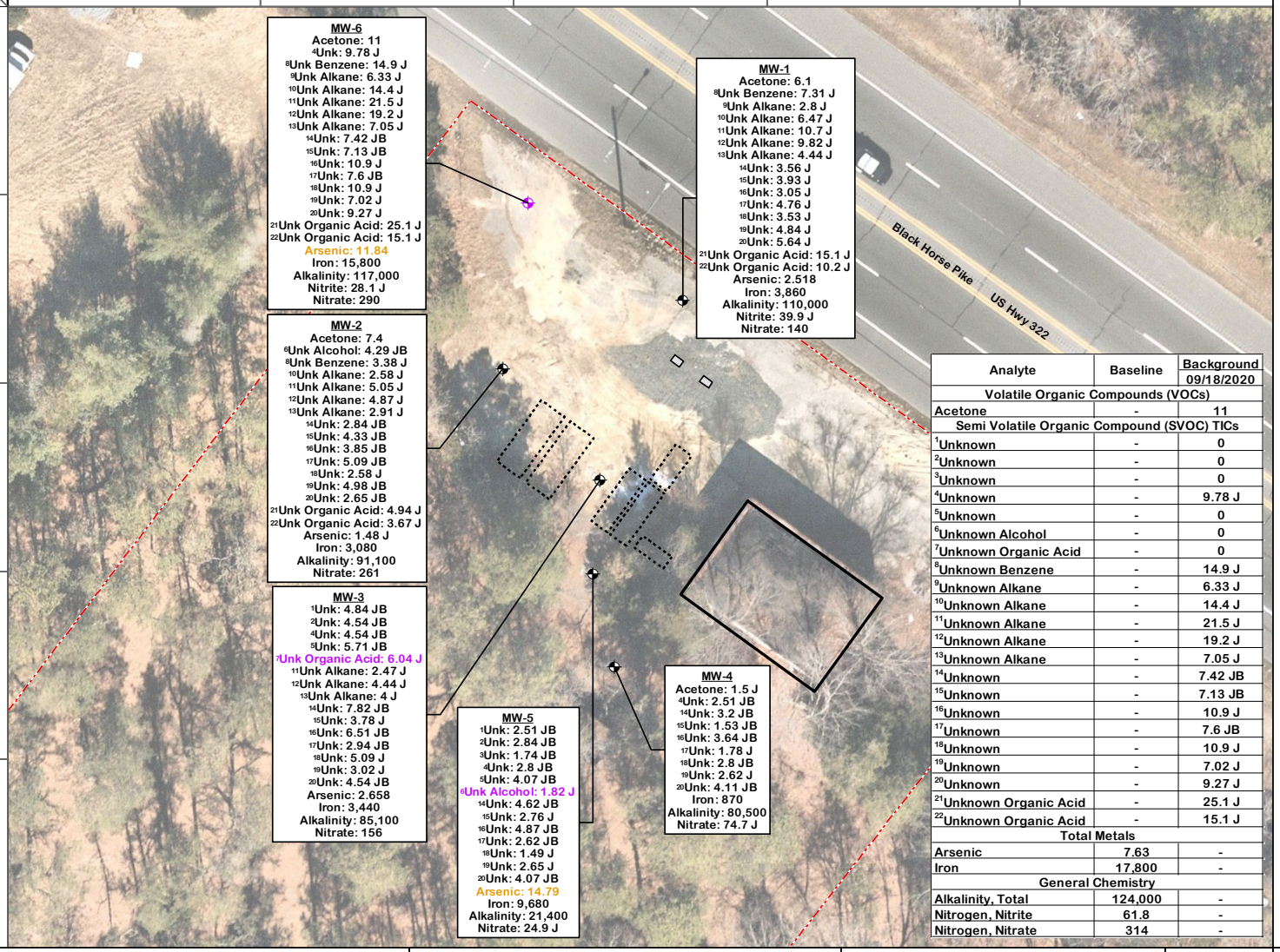

Analyte	Baseline	Background 09/18/2020
Volatile Organic Compounds (VOCs)		
Acetone	-	11
Semi Volatile Organic Compound (SVOC) TICs		
1Unknown	-	0
2Unknown	-	0
3Unknown	-	0
4Unknown	-	9.78 J
5Unknown	-	0
6Unknown Alcohol	-	0
7Unknown Organic Acid	-	0
8Unknown Benzene	-	14.9 J
9Unknown Alkane	-	6.33 J
10Unknown Alkane	-	14.4 J
11Unknown Alkane	-	21.5 J
12Unknown Alkane	-	19.2 J
13Unknown Alkane	-	7.05 J
14Unknown	-	7.42 JB
15Unknown	-	7.13 JB
16Unknown	-	10.9 J
17Unknown	-	7.6 JB
18Unknown	-	10.9 J
19Unknown	-	7.02 J
20Unknown	-	9.27 J
21Unknown Organic Acid	-	25.1 J
22Unknown Organic Acid	-	15.1 J
Total Metals		
Arsenic	7.63	-
Iron	17,800	-
General Chemistry		
Alkalinity, Total	124,000	-
Nitrogen, Nitrite	61.8	-
Nitrogen, Nitrate	314	-

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0 15 30 60 90
Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Monitoring Well
- Upgradient Background Monitoring Well

Baseline = Baseline concentration for secondary analytes, established from the March 13, 2020 sampling event.
Background = Background concentration established from upgradient background well MW-6.
B = The analyte was detected above the reporting limit in the associated lab method blank.
J = Estimated concentration
TIC = Tentatively Identified Compound

All concentrations are micrograms per liter (µg/L)
Only compounds detected above the PQL are presented
Exceedance of Background (VOCs & SVOCs)
Exceedance of Baseline (secondary analytes)

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

PERFORMANCE MONITORING GROUNDWATER SAMPLING LOCATIONS AND RESULTS SEPTEMBER 18, 2020

Figure No.: 4D

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

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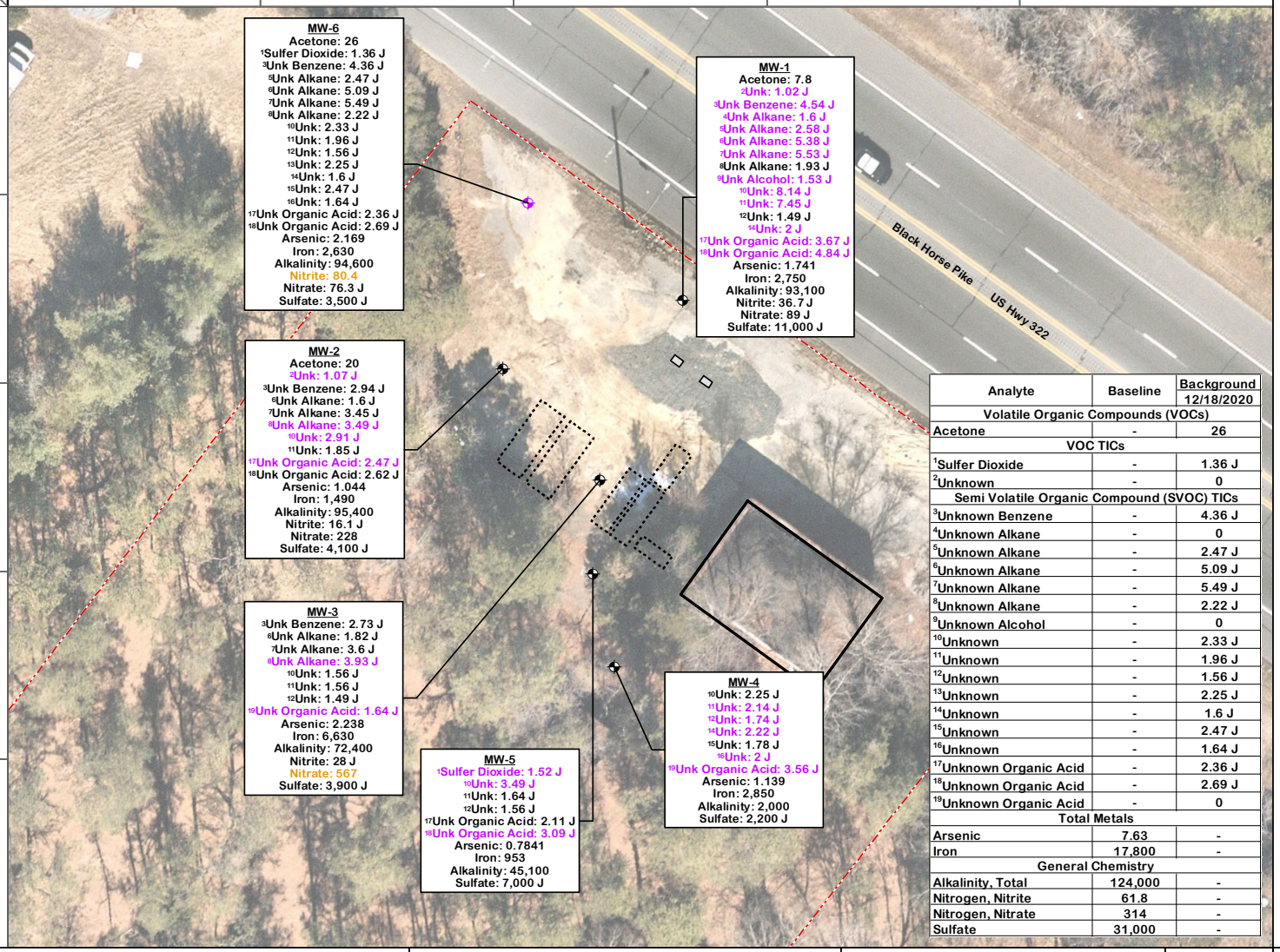

Analyte	Baseline	Background 12/18/2020
Volatile Organic Compounds (VOCs)		
Acetone	-	26
VOC TICs		
[1]Sulfer Dioxide	-	1.36 J
[2]Unknown	-	0
Semi Volatile Organic Compound (SVOC) TICs		
[3]Unknown Benzene	-	4.36 J
[4]Unknown Alkane	-	0
[5]Unknown Alkane	-	2.47 J
[6]Unknown Alkane	-	5.09 J
[7]Unknown Alkane	-	5.49 J
[8]Unknown Alkane	-	2.22 J
[9]Unknown Alcohol	-	0
[10]Unknown	-	2.33 J
[11]Unknown	-	1.96 J
[12]Unknown	-	1.56 J
[13]Unknown	-	2.25 J
[14]Unknown	-	1.6 J
[15]Unknown	-	2.47 J
[16]Unknown	-	1.64 J
[17]Unknown Organic Acid	-	2.36 J
[18]Unknown Organic Acid	-	2.69 J
[19]Unknown Organic Acid	-	0
Total Metals		
Arsenic	7.63	-
Iron	17,800	-
General Chemistry		
Alkalinity, Total	124,000	-
Nitrogen, Nitrite	61.8	-
Nitrogen, Nitrate	314	-
Sulfate	31,000	-

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0 15 30 60 90
Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Monitoring Well
- Upgradient Background Monitoring Well

Baseline = Baseline concentration for secondary analytes, established from the March 13, 2020 sampling event.
Background = Background concentration established from upgradient background well MW-6.
J = Estimated concentration
TIC = Tentatively Identified Compound

All concentrations are micrograms per liter (µg/L)
Only compounds detected above the PQL are presented
Exceedance of Background (VOCs & SVOCs)
Exceedance of Baseline (secondary analytes)

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

ATTAINMENT MONITORING
GROUNDWATER SAMPLING
LOCATIONS AND RESULTS
DECEMBER 18, 2020

Figure No.: 4E

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

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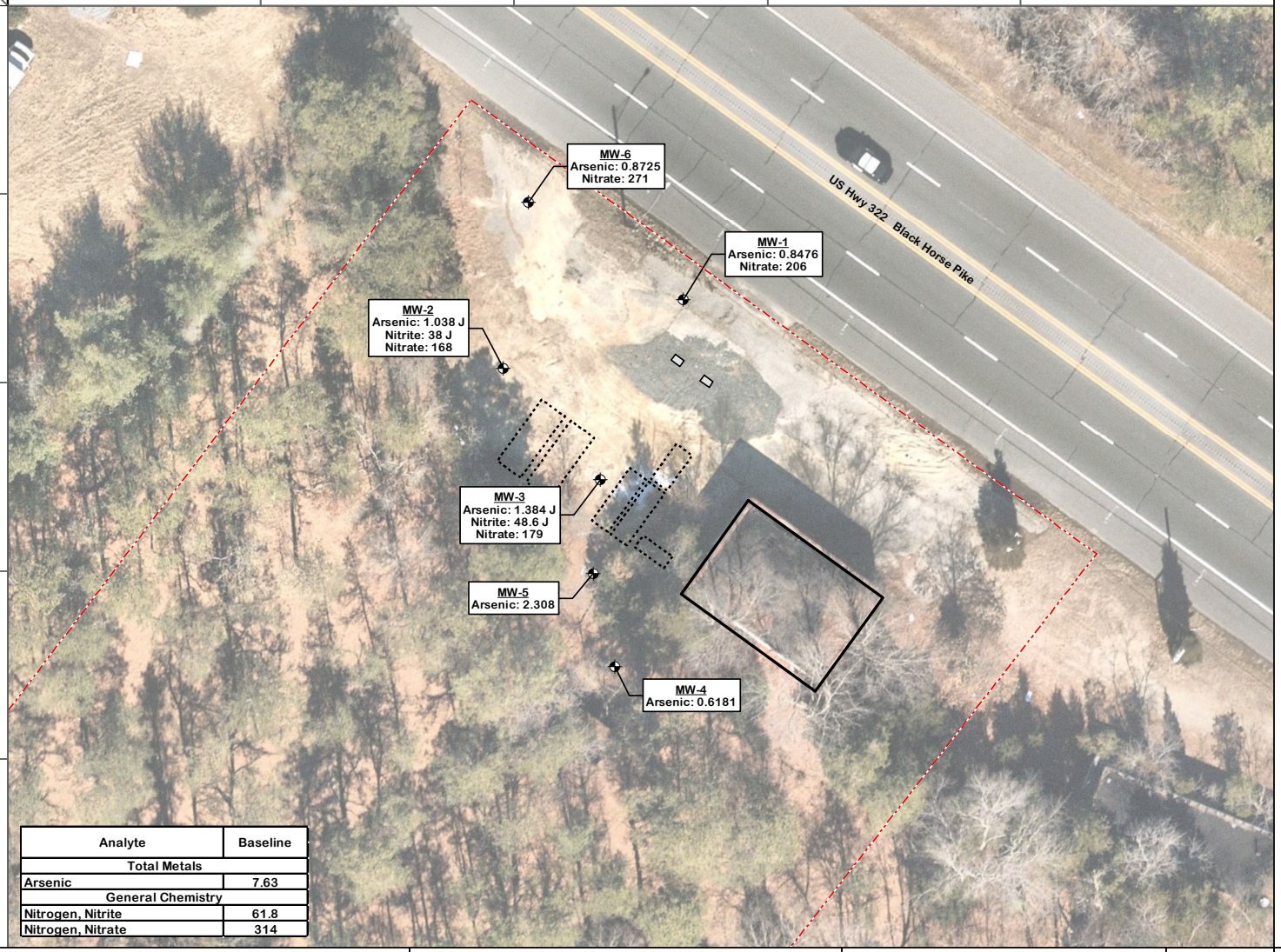

Analyte	Baseline
Total Metals	
Arsenic	7.63
General Chemistry	
Nitrogen, Nitrite	61.8
Nitrogen, Nitrate	314

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0 15 30 60 90
Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Monitoring Well

Baseline = Baseline concentration for secondary analytes, established from the March 13, 2020 sampling event.
J = Estimated concentration

All concentrations are micrograms per liter (µg/L)
Only compounds detected above the PQL are presented

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

ATTAINMENT MONITORING
GROUNDWATER SAMPLING
LOCATIONS AND RESULTS
MAY 4, 2021

Figure No.: 4F

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

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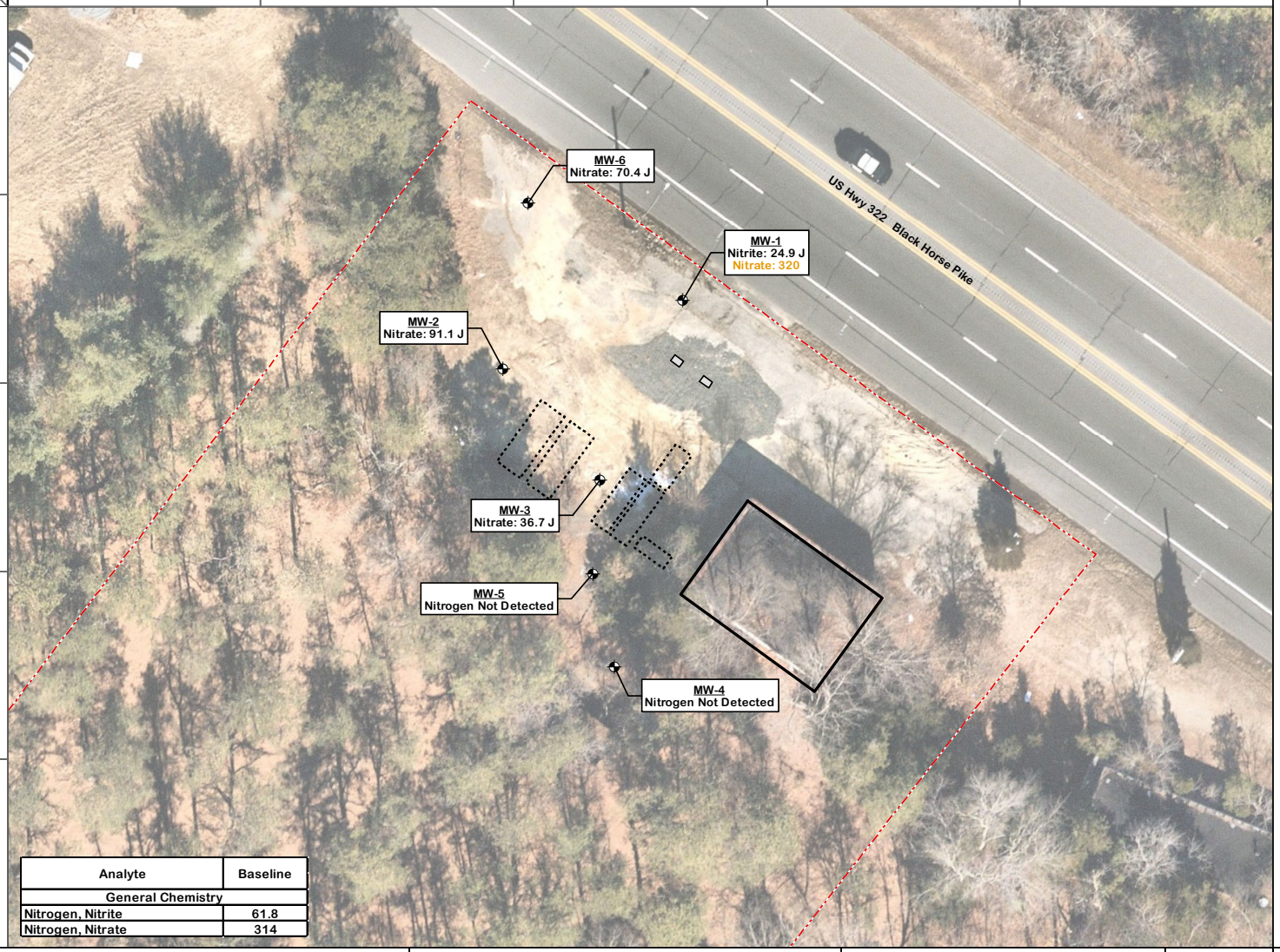

Analyte	Baseline
General Chemistry	
Nitrogen, Nitrite	61.8
Nitrogen, Nitrate	314

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0 15 30 60 90
Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Monitoring Well

Baseline = Baseline concentration for secondary analytes, established from the March 13, 2020 sampling event.
J = Estimated concentration

All concentrations are micrograms per liter (µg/L)
Only compounds detected above the PQL are presented
Exceedance of Baseline (secondary analytes)

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

ATTAINMENT MONITORING
GROUNDWATER SAMPLING
LOCATIONS AND RESULTS
AUGUST 5, 2021

Figure No.: 4G

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

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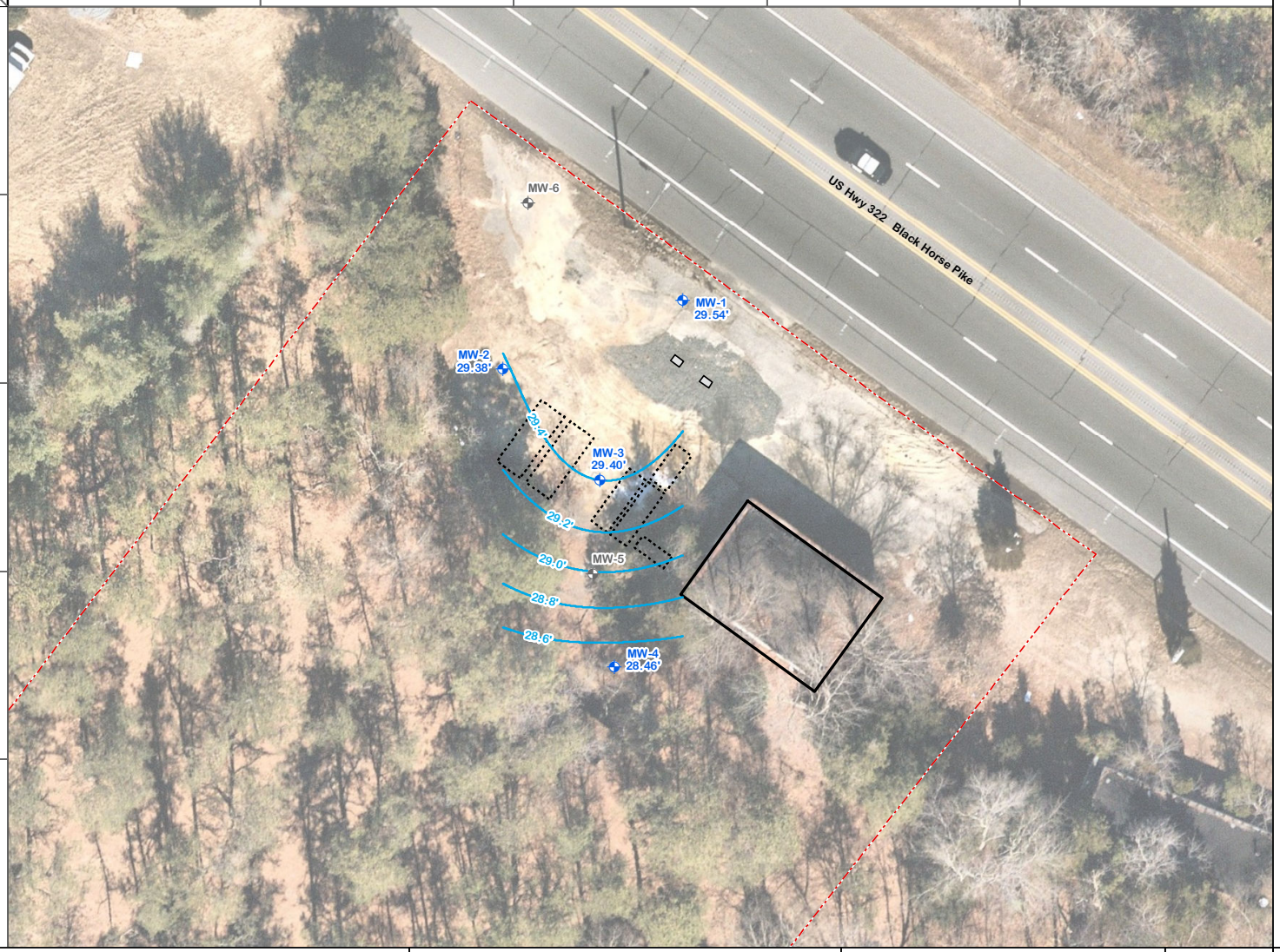

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Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Groundwater Elevation Contour
- Shallow Monitoring Well
- Monitoring Well (Installed at a Later Date)

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

GROUNDWATER ELEVATIONS
AND CONTOUR MAP
JUNE 26, 2019

Figure No.: 5A

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

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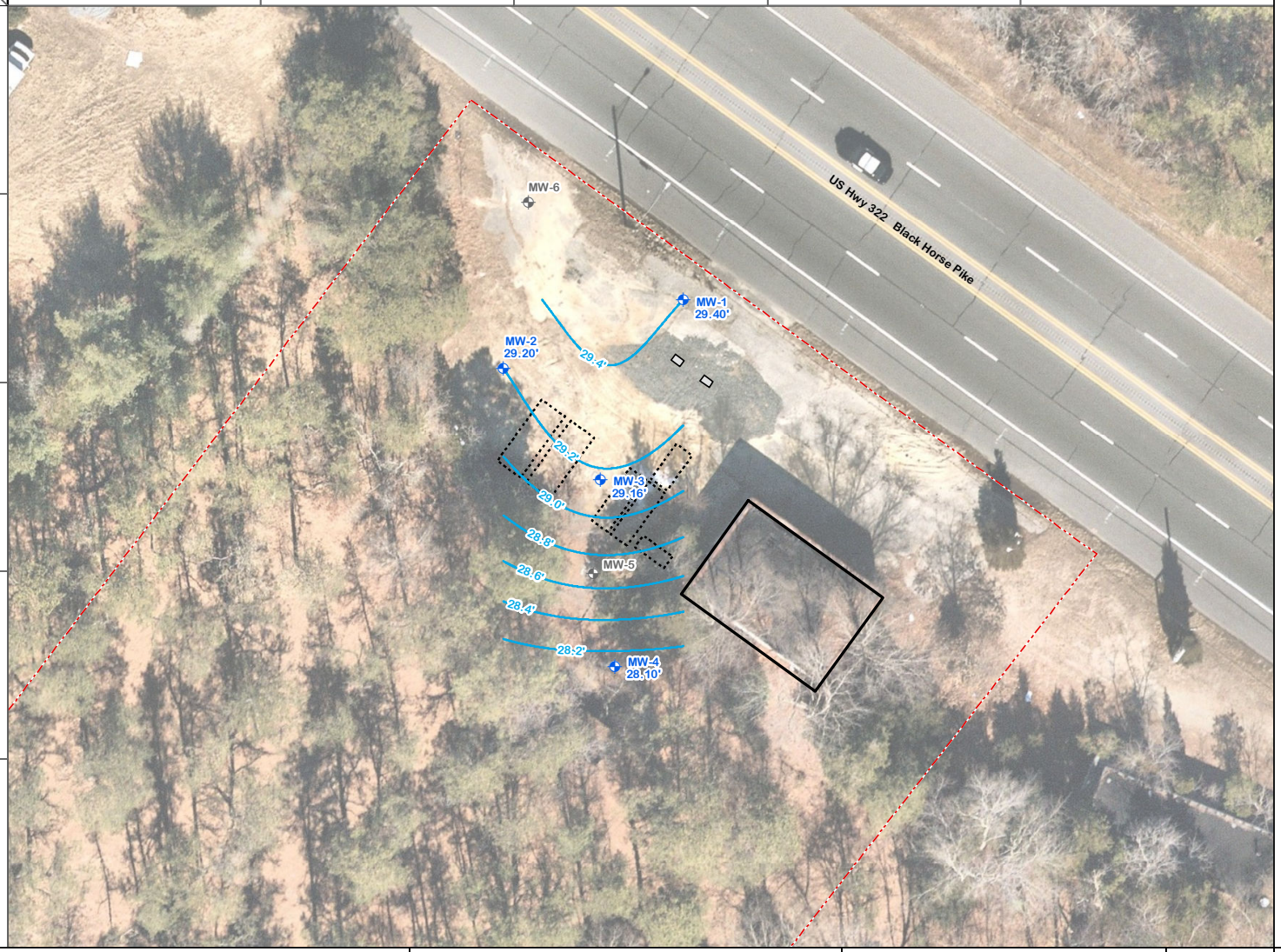

N
W E
S

0 15 30 60 90
Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Groundwater Elevation Contour
- Shallow Monitoring Well
- Monitoring Well (Installed at a Later Date)

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

GROUNDWATER ELEVATIONS
AND CONTOUR MAP
MARCH 13, 2020

Figure No.: 5B

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

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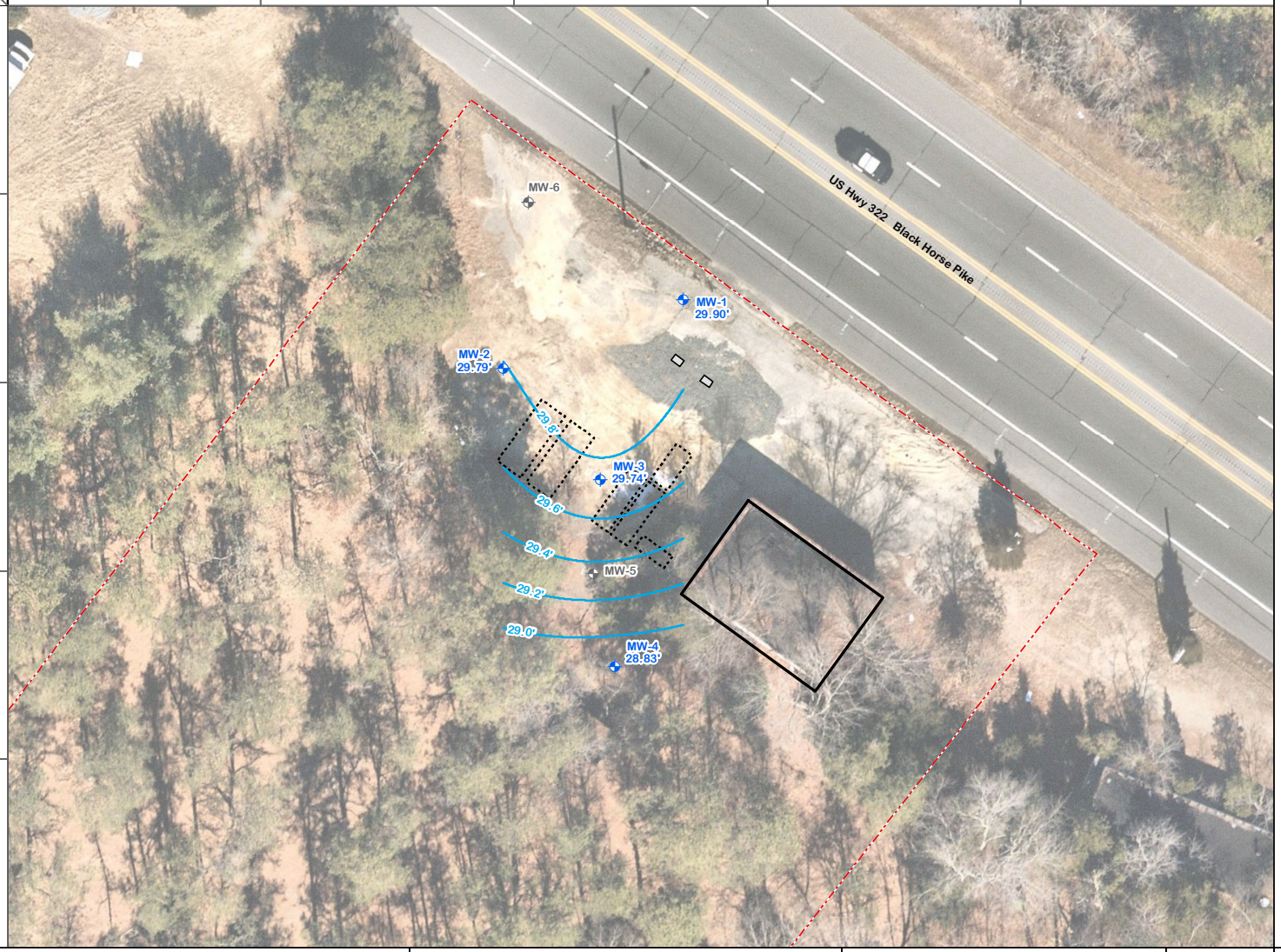

N
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0 15 30 60 90
Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Groundwater Elevation Contour
- Shallow Monitoring Well
- Monitoring Well (Installed at a Later Date)

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

GROUNDWATER ELEVATIONS
AND CONTOUR MAP
APRIL 27, 2020

Figure No.: 5C

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

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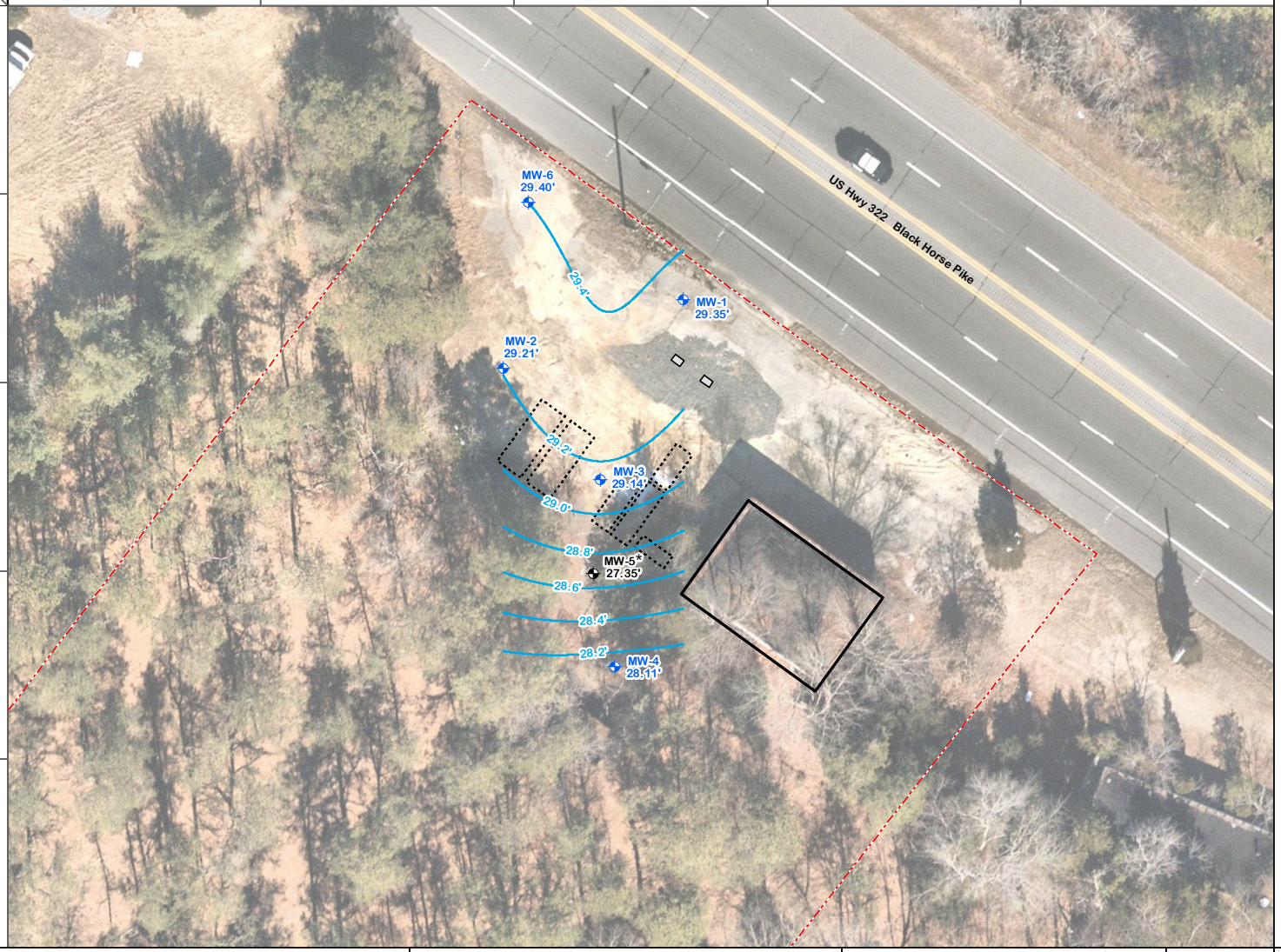

N
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0 15 30 60 90
Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Groundwater Elevation Contour
- Shallow Monitoring Well
- Deep Monitoring Well

*Deep monitoring well MW-5 not used for contouring

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

GROUNDWATER ELEVATIONS
AND CONTOUR MAP
SEPTEMBER 18, 2020

Figure No.: 5D

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

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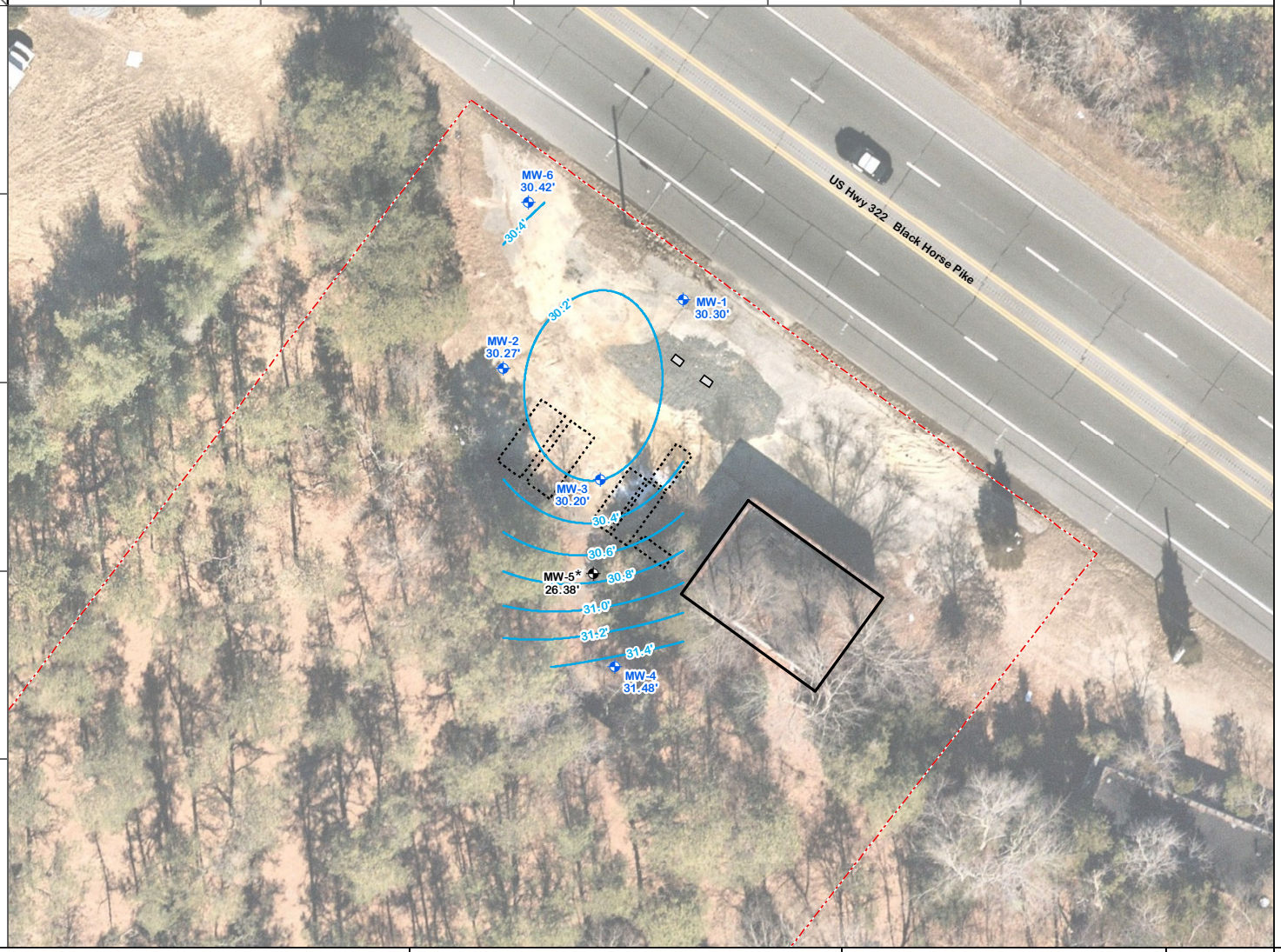

N
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0 15 30 60 90
Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Groundwater Elevation Contour
- Shallow Monitoring Well
- Deep Monitoring Well

*Deep monitoring well MW-5 not used for contouring

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

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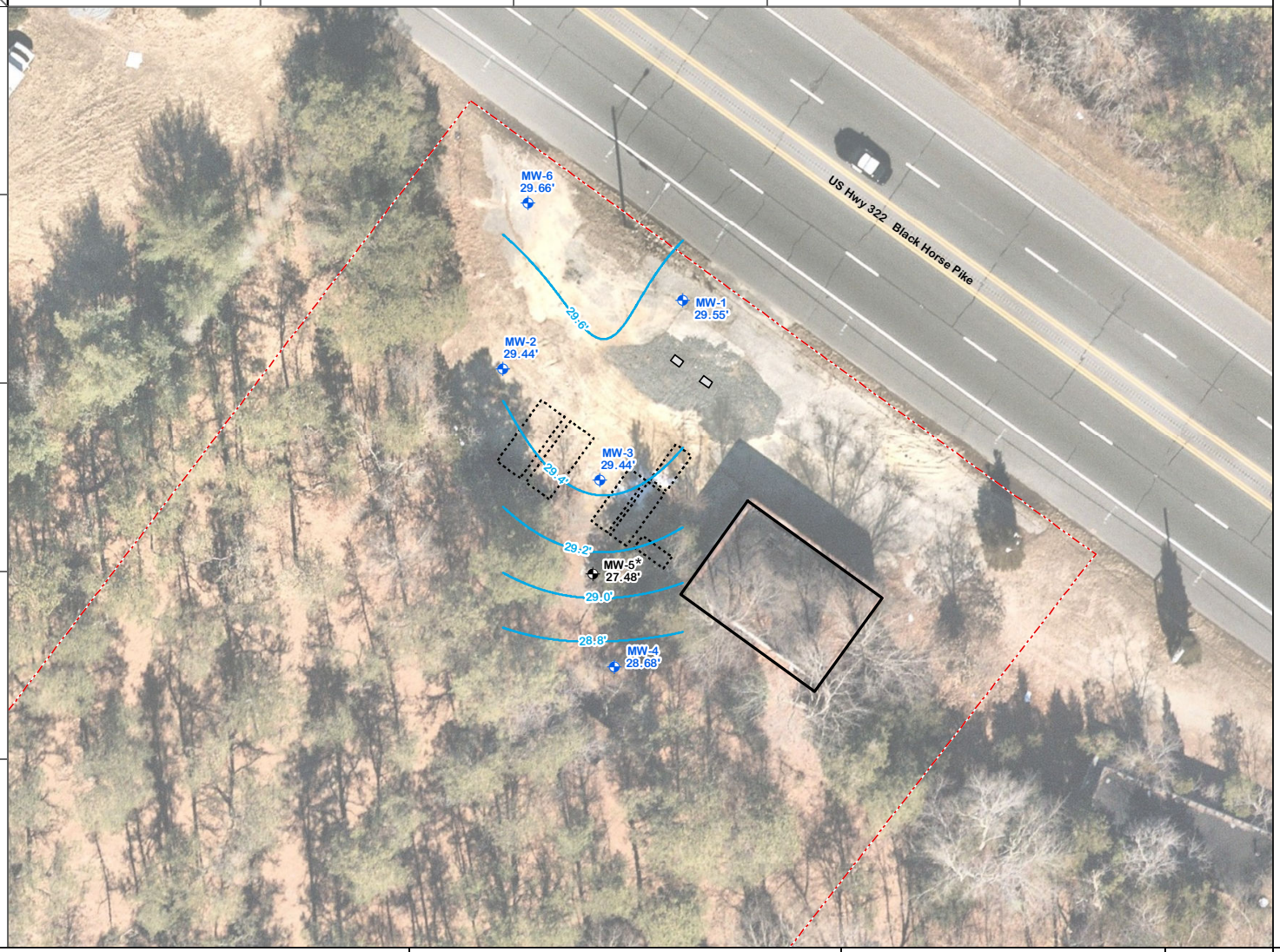
LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

GROUNDWATER ELEVATIONS
AND CONTOUR MAP
DECEMBER 18, 2020

Figure No.: 5E

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko



N
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0 15 30 60 90
Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Groundwater Elevation Contour
- Shallow Monitoring Well
- Deep Monitoring Well

*Deep monitoring well MW-5 not used for contouring

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

GROUNDWATER ELEVATIONS
AND CONTOUR MAP
MAY 4, 2021

Figure No.: 5F

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

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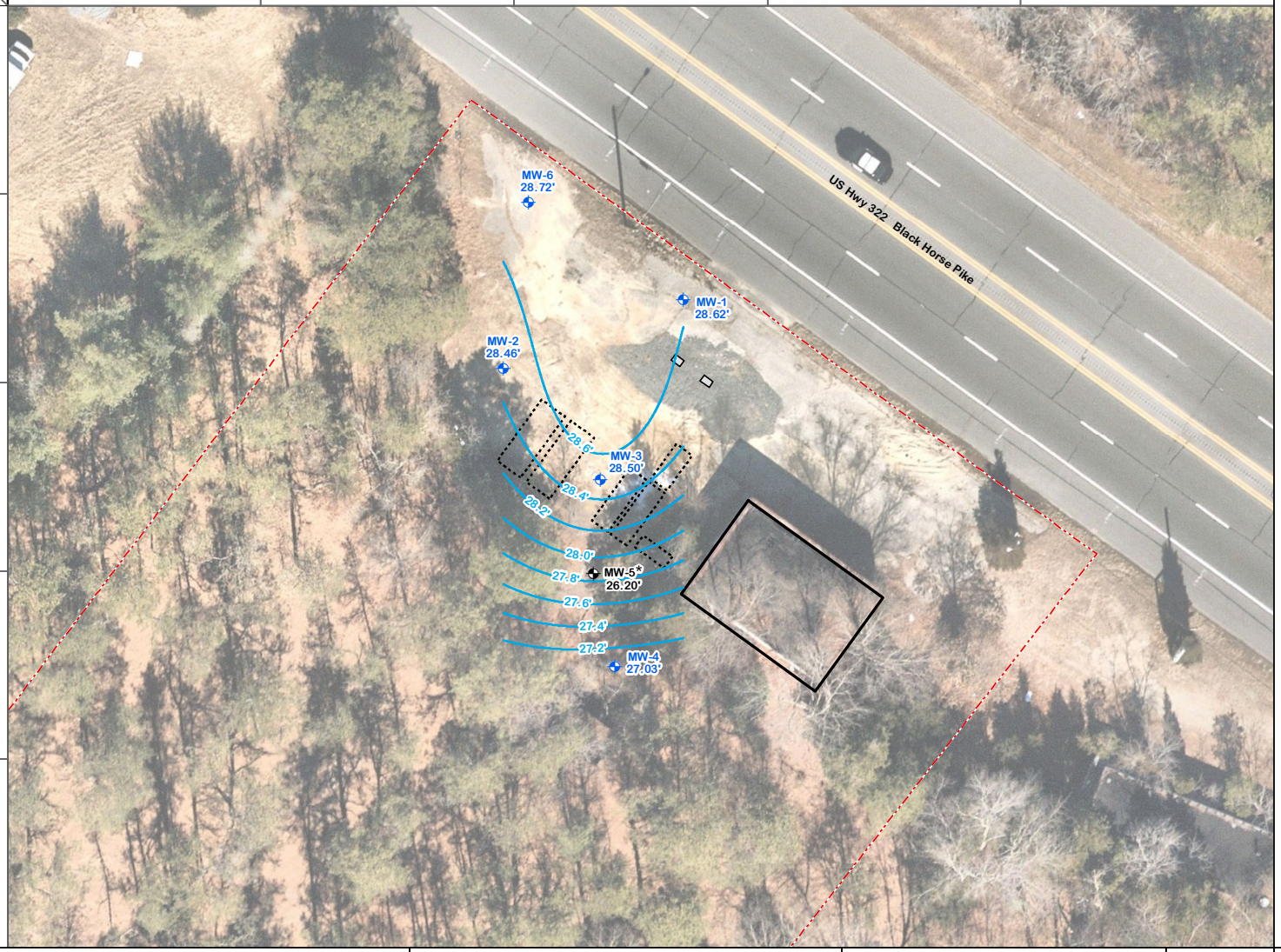

N
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0 15 30 60 90
Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Groundwater Elevation Contour
- Shallow Monitoring Well
- Deep Monitoring Well

*Deep monitoring well MW-5 not used for contouring

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

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LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

GROUNDWATER ELEVATIONS
AND CONTOUR MAP
AUGUST 5, 2021

Figure No.: 5G

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

TABLES

TABLE 1
SAMPLE PROTOCOL
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

Sample Location	Matrix	Boring Depth (fbg)	Sampling Method	VOCs	SVOCs	Alkalinity	Nitrate	Nitrite	Iron	Arsenic	Sulfate	Notes
TMW-7	GW	25 - 30	Standard 3-volume purge method	1	1							
MW-1	GW	2 - 12	Standard 3-volume purge method or low flow purge method	1	1	1	1	1	1	1	1	Field parameters: DO, pH, Specific Conductance, Temperature, ORP
MW-2	GW	2 - 12	Standard 3-volume purge method or low flow purge method	1	1	1	1	1	1	1	1	Field parameters: DO, pH, Specific Conductance, Temperature, ORP
MW-3	GW	2 - 12	Standard 3-volume purge method or low flow purge method	1	1	1	1	1	1	1	1	Field parameters: DO, pH, Specific Conductance, Temperature, ORP
MW-4	GW	2 - 12	Standard 3-volume purge method or low flow purge method	1	1	1	1	1	1	1	1	Field parameters: DO, pH, Specific Conductance, Temperature, ORP
MW-5	GW	25 - 30	Standard 3-volume purge method or low flow purge method	1	1	1	1	1	1	1	1	Field parameters: DO, pH, Specific Conductance, Temperature, ORP
MW-6	GW	2 - 12	Standard 3-volume purge method or low flow purge method	1	1	1	1	1	1	1	1	Field parameters: DO, pH, Specific Conductance, Temperature, ORP
Field Blanks, Trip Blanks, One Set Per Day				2								
				8	6	6	6	6	6	6	6	Monitoring wells resampled as need throughout the remedial process.

TABLE 2A
TEMPORARY WELL GROUNDWATER DATA SUMMARY: VOCs
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	TMW-7				TRIP BLANK			
			LAB ID:	L1924011-01				L1924011-02			
			DATE:	6/5/2019				6/4/2019			
			DEPTH:	25.0-30.0				N/A			
			MATRIX:	WATER				WATER			
		GWI-PL	GWVISL								
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL
MICROEXTRACTABLES BY GC											
1,2-Dibromoethane	106-93-4	0.03	0.45	ND		0.01	0.004	-	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8	0.02		ND		0.01	0.005	-	-	-	-
VOLATILE ORGANICS BY GC/MS											
1,2-Dibromo-3-chloropropane	96-12-8	0.02		ND		2.5	0.35	ND		2.5	0.35
1,4-Dioxane	123-91-1	0.1	2500	ND		250	61	ND		250	61
1,2-Dibromoethane	106-93-4	0.03	0.45	ND		2	0.19	ND		2	0.19
Methylene chloride	75-09-2	1	2600	ND		2.5	0.68	ND		2.5	0.68
1,1-Dichloroethane	75-34-3	1		ND		0.75	0.21	ND		0.75	0.21
Chloroform	67-66-3	1	1000	1.1		0.75	0.22	ND		0.75	0.22
Carbon tetrachloride	56-23-5	1	1	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloropropane	78-87-5	1	11	ND		1	0.14	ND		1	0.14
Dibromochloromethane	124-48-1	1		ND		0.5	0.15	ND		0.5	0.15
1,1,2-Trichloroethane	79-00-5	2		ND		0.75	0.14	ND		0.75	0.14
Tetrachloroethene	127-18-4	1	36	ND		0.5	0.18	ND		0.5	0.18
Chlorobenzene	108-90-7	1	770	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	75-69-4	1		ND		2.5	0.16	ND		2.5	0.16
1,2-Dichloroethane	107-06-2	2	230	ND		0.5	0.13	ND		0.5	0.13
1,1,1-Trichloroethane	71-55-6	1	13000	ND		0.5	0.16	ND		0.5	0.16
Bromodichloromethane	75-27-4	1		0.22	J	0.5	0.19	ND		0.5	0.19
trans-1,3-Dichloropropene	10061-02-6			ND		0.5	0.16	ND		0.5	0.16
cis-1,3-Dichloropropene	10061-01-5			ND		0.5	0.14	ND		0.5	0.14
1,3-Dichloropropene, Total	542-75-6	1	8.4	ND		0.5	0.14	ND		0.5	0.14
Bromoform	75-25-2	0.8		ND		2	0.25	ND		2	0.25
1,1,2,2-Tetrachloroethane	79-34-5	1		ND		0.5	0.17	ND		0.5	0.17
Benzene	71-43-2	1	23	ND		0.5	0.16	ND		0.5	0.16
Toluene	108-88-3	1	330000	ND		0.75	0.2	ND		0.75	0.2
Ethylbenzene	100-41-4	2	700	ND		0.5	0.17	ND		0.5	0.17
Chloromethane	74-87-3		240	ND		2.5	0.2	ND		2.5	0.2
Bromomethane	74-83-9	1	20	ND		1	0.26	ND		1	0.26
Vinyl chloride	75-01-4	1	1	ND		0.2	0.07	ND		0.2	0.07
Chloroethane	75-00-3		26000	ND		1	0.13	ND		1	0.13
1,1-Dichloroethene	75-35-4	1	26	ND		0.5	0.17	ND		0.5	0.17
trans-1,2-Dichloroethene	156-60-5	1		ND		0.75	0.16	ND		0.75	0.16
Trichloroethene	79-01-6	1	3	ND		0.5	0.18	ND		0.5	0.18
1,2-Dichlorobenzene	95-50-1	5	6800	ND		2.5	0.18	ND		2.5	0.18
1,3-Dichlorobenzene	541-73-1	5		ND		2.5	0.19	ND		2.5	0.19
1,4-Dichlorobenzene	106-46-7	5	21000	ND		2.5	0.19	ND		2.5	0.19
Methyl tert butyl ether	1634-04-4	1	690	ND		1	0.17	ND		1	0.17
p/m-Xylene	179601-23-1			ND		1	0.33	ND		1	0.33
o-Xylene	95-47-6			ND		1	0.39	ND		1	0.39
Xylenes, Total	1330-20-7	2	7800	ND		1	0.33	ND		1	0.33
cis-1,2-Dichloroethene	156-59-2	1		ND		0.5	0.19	ND		0.5	0.19
1,2-Dichloroethene, Total	540-59-0			ND		0.5	0.16	ND		0.5	0.16
Styrene	100-42-5	2	180000	ND		1	0.36	ND		1	0.36
Dichlorodifluoromethane	75-71-8	2		ND		5	0.24	ND		5	0.24
Acetone	67-64-1	10		3.6	J	5	1.5	6.6		5	1.5
Carbon disulfide	75-15-0	1	1500	0.57	J	5	0.3	ND		5	0.3
2-Butanone	78-93-3	2	2500000	ND		5	1.9	ND		5	1.9
4-Methyl-2-pentanone	108-10-1		900000	ND		5	0.42	ND		5	0.42
2-Hexanone	591-78-6	1		ND		5	0.52	ND		5	0.52
Bromochloromethane	74-97-5			ND		2.5	0.15	ND		2.5	0.15
Isopropylbenzene	98-82-8	1		ND		0.5	0.19	ND		0.5	0.19
1,2,3-Trichlorobenzene	87-61-6			ND		2.5	0.23	ND		2.5	0.23
1,2,4-Trichlorobenzene	120-82-1	1	130	ND		2.5	0.22	ND		2.5	0.22
Methyl Acetate	79-20-9	0.5		ND		2	0.23	ND		2	0.23
Cyclohexane	110-82-7		16000	ND		10	0.27	ND		10	0.27
Methyl cyclohexane	108-87-2			ND		10	0.4	ND		10	0.4
Freon-113	76-13-1	0.3	20000	ND		2.5	0.15	ND		2.5	0.15
Total VOCs				5.49	-	-	-	6.6	-	-	-
VOLATILE ORGANICS BY GC/MS-TIC											
1-Hexanol, 2-ethyl-	000104-76-7	*		2.3	NJ	0	0	-	-	-	-
Unknown Naphthalene		*		1.18	J	0	0	-	-	-	-
Unknown Naphthalene		*		1.27	J	0	0	-	-	-	-
Total TIC Compounds				4.75	J	0	0	ND		0	0

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
GWVISL: NJ Groundwater Vapor Intrusion Screening Levels per May 2021 Version 5.0 Guidance Document.
*: GWI-PL is defined as background for TICs. Background well not installed at this time, so all detections are considered exceedances.

: Denotes concentration exceeds GWI-PL
: Denotes RL exceeds GWI-PL

TABLE 2B
TEMPORARY WELL GROUNDWATER DATA SUMMARY: BNs
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	TMW-7			
			LAB ID:	L1924011-01			
			DATE:	6/5/2019			
			DEPTH:	25.0-30.0			
			MATRIX:	WATER			
		GWI-PL	GWVISL				
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL
BASE/NEUTRAL EXTRACTABLES BY GC/MS- WESTBOROUGH LAB							
Acenaphthene	83-32-9	10		ND		2	0.44
Bis(2-chloroethyl)ether	111-44-4	7		ND		2	0.5
2-Chloronaphthalene	91-58-7	10		ND		2	0.44
2,4-Dinitrotoluene	121-14-2	10		ND		5	1.2
2,6-Dinitrotoluene	606-20-2	10		ND		5	0.93
Fluoranthene	206-44-0	10		ND		2	0.26
4-Chlorophenyl phenyl ether	7005-72-3			ND		2	0.49
Bis(2-chloroisopropyl)ether	108-60-1	10		ND		2	0.53
Bis(2-chloroethoxy)methane	111-91-1			ND		5	0.5
Hexachlorocyclopentadiene	77-47-4	0.5		ND		20	0.69
Hexachloroethane	67-72-1	7		ND		2	0.58
Isophorone	78-59-1	10		ND		5	1.2
Naphthalene	91-20-3	2	300	0.53	J	2	0.46
Nitrobenzene	98-95-3	6		ND		2	0.77
NDPA/DPA	86-30-6	10		ND		2	0.42
n-Nitrosodi-n-propylamine	621-64-7			ND		5	0.64
Bis(2-ethylhexyl)phthalate	117-81-7	3		2.7	J	3	1.5
Butyl benzyl phthalate	85-68-7	1		ND		5	1.2
Di-n-butylphthalate	84-74-2	1		ND		5	0.39
Di-n-octylphthalate	117-84-0	10		ND		5	1.3
Diethyl phthalate	84-66-2	1		0.54	J	5	0.38
Dimethyl phthalate	131-11-3			ND		5	1.8
Chrysene	218-01-9	0.2		ND		2	0.34
Acenaphthylene	208-96-8			ND		2	0.46
Anthracene	120-12-7	10		ND		2	0.33
Benzo(ghi)perylene	191-24-2			ND		2	0.3
Fluorene	86-73-7	1		ND		2	0.41
Phenanthrene	85-01-8			ND		2	0.33
Pyrene	129-00-0	0.1		ND		2	0.28
4-Chloroaniline	106-47-8	10		ND		5	1.1
2-Nitroaniline	88-74-4			ND		5	0.5
3-Nitroaniline	99-09-2			ND		5	0.81
4-Nitroaniline	100-01-6			ND		5	0.8
Dibenzofuran	132-64-9			ND		2	0.5
2-Methylnaphthalene	91-57-6	10		ND		2	0.45
Carbazole	86-74-8			ND		2	0.49
4-Bromophenyl phenyl ether	101-55-3			ND		2	0.38
3,3'-Dichlorobenzidine	91-94-1	30		ND		5	1.6
Benzaldehyde	100-52-7			ND		5	0.53
Acetophenone	98-86-2	10		ND		5	0.53
Caprolactam	105-60-2	60		ND		10	3.3
Biphenyl	92-52-4	10		ND		2	0.46
1,2,4,5-Tetrachlorobenzene	95-94-3			ND		10	0.44
Atrazine	1912-24-9	0.1		ND		3	0.76
BASE/NEUTRAL EXTRACTABLES BY GC/MS- WESTBOROUGH LAB-TIC							
Cyclic Octaatomic Sulfur	010544-50-0	*		8.4	NJ	0	0
Unknown		*		12.2	J	0	0
Unknown		*		2.84	J	0	0
Unknown		*		15.7	J	0	0
Unknown		*		13	J	0	0
Aldol Condensates		*		73.8	J	0	0
Unknown Organic Acid		*		7.13	J	0	0
Unknown		*		3.16	J	0	0
Unknown		*		5.24	J	0	0
Unknown		*		2.11	J	0	0
Unknown		*		7.89	J	0	0
Unknown		*		3.53	J	0	0
Unknown		*		33.7	J	0	0
Unknown		*		2.91	J	0	0
Unknown Organic Acid		*		15.4	J	0	0
Total TIC Compounds				207	J	0	0
BASE/NEUTRAL EXTRACTABLES BY GC/MS-SIM							
Benzo(a)anthracene	56-55-3	0.1		0.04	J	0.1	0.02
Benzo(a)pyrene	50-32-8	0.1		ND		0.1	0.02
Benzo(b)fluoranthene	205-99-2	0.2		ND		0.1	0.01
Benzo(k)fluoranthene	207-08-9	0.3		ND		0.1	0.01
Dibenzo(a,h)anthracene	53-70-3	0.3		ND		0.1	0.01
Indeno(1,2,3-cd)pyrene	193-39-5	0.2		ND		0.1	0.01
Hexachlorobenzene	118-74-1	0.02		ND		0.02	0.01
Hexachlorobutadiene	87-68-3	1		ND		1	0.05

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
GWVISL: NJ Groundwater Vapor Intrusion Screening Levels per May 2021 Version 5.0 Guidance Document.
*: GWI-PL is defined as background for TICs. Background well not installed at this time, so all detections are considered exceedances.

: Denotes concentration exceeds GWI-PL

TABLE 2B
TEMPORARY WELL GROUNDWATER DATA SUMMARY: BNs
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

: Denotes RL exceeds GWI-PL

TABLE 3A
MONITORING WELL CONSTRUCTION DATA
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

MONITORING WELL ID	PERMIT NUMBER	DATE INSTALLED	TOTAL DEPTH*	SCREENED INTERVAL*	SCREEN DIAMETER	TOP OF CASING ELEVATION (feet above MSL)	EASTING	NORTHING
MW-1	E201905859	6/6/2019	12.0	2-12	2"	32.11	424338	239924
MW-2	E201905860	6/6/2019	12.0	2-12	2"	33.56	424288	239905
MW-3	E201905861	6/6/2019	12.0	2-12	2"	33.02	424315	239874
MW-4	E201905862	6/6/2019	14.5	2-12	2"	36.49	424319	239822
MW-5	E202009148	9/3/2020	30.0	25-30	2"	33.44	424313	239848
MW-6	E202009149	9/3/2020	12.0	2-12	2"	32.58	424295	239951

* = Feet below grade.
All wells are flush mounted design.

TABLE 3B
MONITORING WELL GAUGING DATA
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

MONITORING WELL ID	6/26/2019		3/13/2020		4/27/2020		9/18/2020		12/18/2020		5/4/2021		8/5/2021	
	DEPTH TO WATER*	GW ELEVATION	DEPTH TO WATER*	GW ELEVATION	DEPTH TO WATER*	GW ELEVATION	DEPTH TO WATER*	GW ELEVATION	DEPTH TO WATER*	GW ELEVATION	DEPTH TO WATER*	GW ELEVATION	DEPTH TO WATER*	GW ELEVATION
MW-1	2.57	29.54	2.71	29.40	2.21	29.90	2.76	29.35	1.81	30.30	2.56	29.55	3.49	28.62
MW-2	4.18	29.38	4.36	29.20	3.77	29.79	4.35	29.21	3.29	30.27	4.12	29.44	5.10	28.46
MW-3	3.62	29.40	3.86	29.16	3.28	29.74	3.88	29.14	2.82	30.20	3.58	29.44	4.52	28.50
MW-4	8.03	28.46	8.39	28.10	7.66	28.83	8.38	28.11	5.01	31.48	7.81	28.68	9.46	27.03
MW-5							6.09	27.35	7.06	26.38	5.96	27.48	7.24	26.20
MW-6							3.18	29.40	2.16	30.42	2.92	29.66	3.86	28.72

* = Feet below grade.
All wells are flush mounted design.

TABLE 4A
MONITORING WELL GROUNDWATER DATA SUMMARY – JUNE 26, 2019: VOCs
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-1				MW-2				MW-3				MW-4				FIELD BLANK				TRIP BLANK			
			LAB ID:	L1928159-01				L1928159-02				L1928159-03				L1928159-04				L1928159-05				L1928159-06			
			DATE:	6/26/2019				6/26/2019				6/26/2019				6/26/2019				6/26/2019				6/25/2019			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0				N/A				N/A			
			MATRIX:	WATER				WATER				WATER				WATER				WATER				WATER			
		GWI-PL	GWVISL																								
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																											
1,2-Dibromo-3-chloropropane	96-12-8	0.02		ND		2.5	0.35	ND		2.5	0.35	ND		6.2	0.88	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35
1,4-Dioxane	123-91-1	0.1	2500	ND		250	61	ND		250	61	ND		620	150	ND		250	61	ND		250	61	ND		250	61
1,2-Dibromoethane	106-93-4	0.03	0.45	ND		2	0.19	ND		2	0.19	ND		5	0.48	ND		2	0.19	ND		2	0.19	ND		2	0.19
Methylene chloride	75-09-2	1	2600	ND		2.5	0.68	ND		2.5	0.68	ND		6.2	1.7	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68
1,1-Dichloroethane	75-34-3	1		ND		0.75	0.21	ND		0.75	0.21	ND		1.9	0.52	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21
Chloroform	67-66-3	1	1000	ND		0.75	0.22	ND		0.75	0.22	ND		1.9	0.56	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22
Carbon tetrachloride	56-23-5	1	1	ND		0.5	0.13	ND		0.5	0.13	ND		1.2	0.34	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloropropane	78-87-5	1	11	ND		1	0.14	ND		1	0.14	ND		2.5	0.34	ND		1	0.14	ND		1	0.14	ND		1	0.14
Dibromochloromethane	124-48-1	1		ND		0.5	0.15	ND		0.5	0.15	ND		1.2	0.37	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
1,1,2-Trichloroethane	79-00-5	2		ND		0.75	0.14	ND		0.75	0.14	ND		1.9	0.36	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14
Tetrachloroethene	127-18-4	1	36	ND		0.5	0.18	ND		0.5	0.18	ND		1.2	0.45	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Chlorobenzene	108-90-7	1	770	ND		0.5	0.18	ND		0.5	0.18	ND		1.2	0.44	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	75-69-4	1		ND		2.5	0.16	ND		2.5	0.16	ND		6.2	0.4	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16
1,2-Dichloroethane	107-06-2	2	230	ND		0.5	0.13	ND		0.5	0.13	ND		1.2	0.33	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,1,1-Trichloroethane	71-55-6	1	13000	ND		0.5	0.16	ND		0.5	0.16	ND		1.2	0.4	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Bromodichloromethane	75-27-4	1		ND		0.5	0.19	ND		0.5	0.19	ND		1.2	0.48	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
trans-1,3-Dichloropropene	10061-02-6			ND		0.5	0.16	ND		0.5	0.16	ND		1.2	0.41	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
cis-1,3-Dichloropropene	10061-01-5			ND		0.5	0.14	ND		0.5	0.14	ND		1.2	0.36	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,3-Dichloropropene, Total	542-75-6	1	8.4	ND		0.5	0.14	ND		0.5	0.14	ND		1.2	0.36	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
Bromoform	75-25-2	0.8		ND		2	0.25	ND		2	0.25	ND		5	0.62	ND		2	0.25	ND		2	0.25	ND		2	0.25
1,1,2,2-Tetrachloroethane	79-34-5	1		ND		0.5	0.17	ND		0.5	0.17	ND		1.2	0.42	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
Benzene	71-43-2	1	23	ND		0.5	0.16	ND		0.5	0.16	3.4		1.2	0.4	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Toluene	108-88-3	1	330000	ND		0.75	0.2	ND		0.75	0.2	ND		1.9	0.51	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2
Ethylbenzene	100-41-4	2	700	ND		0.5	0.17	ND		0.5	0.17	320		1.2	0.42	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
Chloromethane	74-87-3		240	ND		2.5	0.2	ND		2.5	0.2	ND		6.2	0.5	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2
Bromomethane	74-83-9	1	20	ND		1	0.26	ND		1	0.26	ND		2.5	0.64	ND		1	0.26	ND		1	0.26	ND		1	0.26
Vinyl chloride	75-01-4	1	1	ND		0.2	0.07	ND		0.2	0.07	ND		0.5	0.18	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07
Chloroethane	75-00-3		26000	ND		1	0.13	ND		1	0.13	ND		2.5	0.34	ND		1	0.13	ND		1	0.13	ND		1	0.13
1,1-Dichloroethene	75-35-4	1	26	ND		0.5	0.17	ND		0.5	0.17	ND		1.2	0.42	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
trans-1,2-Dichloroethene	156-60-5	1		ND		0.75	0.16	ND		0.75	0.16	ND		1.9	0.41	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16
Trichloroethene	79-01-6	1	3	ND		0.5	0.18	ND		0.5	0.18	ND		1.2	0.44	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
1,2-Dichlorobenzene	95-50-1	5	6800	ND		2.5	0.18	ND		2.5	0.18	ND		6.2	0.46	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18
1,3-Dichlorobenzene	541-73-1	5		ND		2.5	0.19	ND		2.5	0.19	ND		6.2	0.46	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19
1,4-Dichlorobenzene	106-46-7	5	21000	ND		2.5	0.19	ND		2.5	0.19	ND		6.2	0.47	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19
Methyl tert butyl ether	1634-04-4	1	690	ND		1	0.17	ND		1	0.17	ND		2.5	0.42	ND		1	0.17	ND		1	0.17	ND		1	0.17
p/m-Xylene	179601-23-1			ND		1	0.33	ND		1	0.33	540		2.5	0.83	ND		1	0.33	ND		1	0.33	ND		1	0.33
o-Xylene	95-47-6			ND		1	0.39	ND		1	0.39	3.7		2.5	0.98	ND		1	0.39	ND		1	0.39	ND		1	0.39
Xylenes, Total	1330-20-7	2	7800	ND		1	0.33	ND		1	0.33	540		2.5	0.83	ND		1	0.33	ND		1	0.33	ND		1	0.33
cis-1,2-Dichloroethene	156-59-2	1		ND		0.5	0.19	ND		0.5	0.19	ND		1.2	0.47	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
1,2-Dichloroethene, Total	540-59-0			ND		0.5	0.16	ND		0.5	0.16	ND		1.2	0.41	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Styrene	100-42-5	2	180000	ND		1	0.36	ND		1	0.36	ND		2.5	0.9	ND		1	0.36	ND		1	0.36	ND		1	0.36
Dichlorodifluoromethane	75-71-8	2		ND		5	0.24	ND		5	0.24	ND		12	0.61	ND		5	0.24	ND		5	0.24	ND		5	0.24
Acetone	67-64-1	10		4	J	5	1.5	ND		5	1.5	ND		12	3.6	2	J	5	1.5	2.4	J	5	1.5	ND		5	1.5
Carbon disulfide	75-15-0	1	1500	ND		5	0.3	ND		5	0.3	ND		12	0.75	ND		5	0.3	ND		5	0.3	ND		5	0.3
2-Butanone	78-93-3	2	2500000	ND		5	1.9	ND		5	1.9	ND		12	4.8	ND		5	1.9	ND		5	1.9	ND		5	1.9
4-Methyl-2-pentanone	108-10-1		900000	ND		5	0.42	ND		5	0.42	ND		12	1	ND		5	0.42	ND		5	0.42	ND		5	0.42
2-Hexanone	591-78-6	1		ND		5	0.52	ND		5	0.52	ND		12	1.3	ND		5	0.52	ND		5	0.52	ND		5	0.52
Bromochloromethane	74-97-5			ND		2.5	0.15	ND		2.5	0.15	ND		6.2	0.38	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15
Isopropylbenzene	98-82-8	1		ND		0.5	0.19	ND		0.5	0.19	18		1.2	0.47	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
1,2,3-Trichlorobenzene	87-61-6			ND		2.5	0.23	ND		2.5	0.23	ND		6.2	0.58	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23
1,2,4-Trichlorobenzene	120-82-1	1	130	ND		2.5	0.22	ND		2.5	0.22	ND		6.2	0.55	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22
Methyl Acetate	79-20-9	0.5		ND		2	0.23	ND		2	0.23	ND		5	0.58	ND		2	0.23	ND		2	0.23	ND		2	0.23
Cyclohexane	110-82-7		16000	ND		10	0.27	ND		10	0.27	3.4	J	25	0.68	ND		10	0.27	ND		10	0.27	ND		10	0.27
Methyl cyclohexane	108-87-2			ND		10	0.4	ND		10	0.4	1.8	J	25	0.99	ND		10	0.4	ND		10	0.4	ND		10	0.4
Freon-113	76-13-1	0.3	20000	ND		2.5	0.15	ND		2.5	0.15	ND		6.2	0.37	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15
Total VOCs				4	-	-	-	-	-	-	-	890.3	-	-	-	2	-	-	-	2.4	-	-	-	-	-	-	-
VOLATILE ORGANICS BY GC/MS-TIC																											
Silanol, Trimethyl-	001066-40-6	*		1.34	NJ	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indane	000496-11-7	*		-		-	-	-		-	-	86.2	NJ	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	000091-20-3	2	300	-		-	-	-		-	-	21.2	NJ	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Benzene		*		-		-	-	-		-	-	270	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Benzene		*		-		-	-	-		-	-	97.2	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Benzene		*		-		-	-	-		-	-	91.1	J	0	0	-		-	-	-		-	-	-		-	-
Unknown Benzene		*		-		-	-	-		-	-	230	J	0	0	-		-	-	-		-	-	-		-	-
Unknown Aromatic		*		-		-	-	-		-	-	17.6	J	0	0	-		-	-	-		-	-	-		-	-
Benzene, Propyl-	000103-65-1	*		-		-	-	-		-	-	39.2	NJ	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		*		-		-	-	-		-	-	-		-	-	-		-	-	1.44	J	0	0	1.07	J	0	0
Total TIC Compounds				1.34	J	0	0	ND		0	0	853	J	0	0	ND		0	0	1.44	J	0	0	1.07	J	0	0

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
GWVISL: NJ Groundwater Vapor Intrusion Screening Levels per May 2021 Version 5.0 Guidance Document.
*: GWI-PL is defined as background for TICs. Background well not installed at this time, so all detections are considered exceedances.

: Denotes concentration exceeds GWI-PL
: Denotes RL exceeds or equal to GWI-PL and/or BASELINE.

TABLE 4B
MONITORING WELL GROUNDWATER DATA SUMMARY – JUNE 26, 2019: BNs
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-1				MW-2				MW-3				MW-4			
			LAB ID:	L1928159-01				L1928159-02				L1928159-03				L1928159-04			
			DATE:	6/26/2019				6/26/2019				6/26/2019				6/26/2019			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0			
			MATRIX:	WATER				WATER				WATER				WATER			
		GWI-PL	GWVISL																
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
BASE/NEUTRAL EXTRACTABLES BY GC/MS- WESTBOROUGH LAB																			
Acenaphthene	83-32-9	10		ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44
Bis(2-chloroethyl)ether	111-44-4	7		ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5
2-Chloronaphthalene	91-58-7	10		ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44
2,4-Dinitrotoluene	121-14-2	10		ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
2,6-Dinitrotoluene	606-20-2	10		ND		5	0.93	ND		5	0.93	ND		5	0.93	ND		5	0.93
Fluoranthene	206-44-0	10		ND		2	0.26	ND		2	0.26	ND		2	0.26	ND		2	0.26
4-Chlorophenyl phenyl ether	7005-72-3			ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49
Bis(2-chloroisopropyl)ether	108-60-1	10		ND		2	0.53	ND		2	0.53	ND		2	0.53	ND		2	0.53
Bis(2-chloroethoxy)methane	111-91-1			ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5
Hexachlorocyclopentadiene	77-47-4	0.5		ND		20	0.69	ND		20	0.69	ND		20	0.69	ND		20	0.69
Hexachloroethane	67-72-1	7		ND		2	0.58	ND		2	0.58	ND		2	0.58	ND		2	0.58
Isophorone	78-59-1	10		ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
Naphthalene	91-20-3	2	300	2.7		2	0.46	3.6		2	0.46	25		2	0.46	2.4		2	0.46
Nitrobenzene	98-95-3	6		ND		2	0.77	ND		2	0.77	ND		2	0.77	ND		2	0.77
NDPA/DPA	86-30-6	10		ND		2	0.42	ND		2	0.42	ND		2	0.42	ND		2	0.42
n-Nitrosodi-n-propylamine	621-64-7			ND		5	0.64	ND		5	0.64	ND		5	0.64	ND		5	0.64
Bis(2-ethylhexyl)phthalate	117-81-7	3		ND		3	1.5	1.8	J	3	1.5	1.6	J	3	1.5	2	J	3	1.5
Butyl benzyl phthalate	85-68-7	1		ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
Di-n-butylphthalate	84-74-2	1		ND		5	0.39	ND		5	0.39	ND		5	0.39	ND		5	0.39
Di-n-octylphthalate	117-84-0	10		ND		5	1.3	ND		5	1.3	ND		5	1.3	ND		5	1.3
Diethyl phthalate	84-66-2	1		ND		5	0.38	ND		5	0.38	ND		5	0.38	ND		5	0.38
Dimethyl phthalate	131-11-3			ND		5	1.8	ND		5	1.8	ND		5	1.8	ND		5	1.8
Chrysene	218-01-9	0.2		ND		2	0.34	ND		2	0.34	ND		2	0.34	ND		2	0.34
Acenaphthylene	208-96-8			ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46
Anthracene	120-12-7	10		ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33
Benzo(ghi)perylene	191-24-2			ND		2	0.3	ND		2	0.3	ND		2	0.3	ND		2	0.3
Fluorene	86-73-7	1		ND		2	0.41	ND		2	0.41	ND		2	0.41	ND		2	0.41
Phenanthrene	85-01-8			ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33
Pyrene	129-00-0	0.1		ND		2	0.28	ND		2	0.28	ND		2	0.28	ND		2	0.28
4-Chloroaniline	106-47-8	10		ND		5	1.1	ND		5	1.1	ND		5	1.1	ND		5	1.1
2-Nitroaniline	88-74-4			ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5
3-Nitroaniline	99-09-2			ND		5	0.81	ND		5	0.81	ND		5	0.81	ND		5	0.81
4-Nitroaniline	100-01-6			ND		5	0.8	ND		5	0.8	ND		5	0.8	ND		5	0.8
Dibenzofuran	132-64-9			ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5
2-Methylnaphthalene	91-57-6	10		ND		2	0.45	ND		2	0.45	ND		2	0.45	ND		2	0.45
Carbazole	86-74-8			ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49
4-Bromophenyl phenyl ether	101-55-3			ND		2	0.38	ND		2	0.38	ND		2	0.38	ND		2	0.38
3,3'-Dichlorobenzidine	91-94-1	30		ND		5	1.6	ND		5	1.6	ND		5	1.6	ND		5	1.6
Benzaldehyde	100-52-7			ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53
Acetophenone	98-86-2	10		ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53
Caprolactam	105-60-2	60		ND		10	3.3	ND		10	3.3	ND		10	3.3	ND		10	3.3
Biphenyl	92-52-4	10		ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46
1,2,4,5-Tetrachlorobenzene	95-94-3			ND		10	0.44	ND		10	0.44	ND		10	0.44	ND		10	0.44
Atrazine	1912-24-9	0.1		ND		3	0.76	ND		3	0.76	ND		3	0.76	ND		3	0.76
BASE/NEUTRAL EXTRACTABLES BY GC/MS- WESTBOROUGH LAB-TIC																			
Indane	000496-11-7	*		-		-	-	-		-	-	39.7	NJ	0	0	-	-	-	-
Ethylbenzene	000100-41-4	2	700	-		-	-	-		-	-	32.5	NJ	0	0	-	-	-	-
Unknown Phenol		*		8.98	J	0	0	9.96	J	0	0	-		-	-	9.09	J	0	0
Unknown Alkane		*		4	J	0	0	6.91	J	0	0	-		-	-	4.8	J	0	0
Unknown Alkane		*		5.09	J	0	0	5.71	J	0	0	-		-	-	4.18	J	0	0
Unknown Alkane		*		4.14	J	0	0	4.33	J	0	0	-		-	-	4.73	J	0	0
Unknown Alkane		*		-		-	-	4.29	J	0	0	-		-	-	-		-	-
Unknown Aldehyde		*		13.6	J	0	0	15.6	J	0	0	-		-	-	12.3	J	0	0
Unknown Benzene		*		-		-	-	-		-	-	62.4	J	0	0	-	-	-	-
Unknown Benzene		*		-		-	-	-		-	-	37.6	J	0	0	-	-	-	-
Unknown Benzene		*		-		-	-	-		-	-	43	J	0	0	-	-	-	-
Unknown Benzene		*		-		-	-	-		-	-	45.8	J	0	0	-	-	-	-
Unknown Benzene		*		-		-	-	-		-	-	114	J	0	0	-	-	-	-
Unknown Benzene		*		-		-	-	-		-	-	8.76	J	0	0	-	-	-	-
Unknown Benzene		*		-		-	-	-		-	-	9.78	J	0	0	-	-	-	-
Aldol Condensates		*		26.5	J	0	0	35.2	J	0	0	29.8	J	0	0	24.5	J	0	0
Unknown		*		13	J	0	0	11.7	J	0	0	18.3	J	0	0	18.6	J	0	0
Unknown		*		6.62	J	0	0	-		-	-	12.5	J	0	0	8.04	J	0	0
Unknown		*		-		-	-	-		-	-	9.74	J	0	0	-		-	-
Unknown		*		4.22	J	0	0	15.8	J	0	0	199	J	0	0	6.8	J	0	0
Unknown		*		10.5	J	0	0	28.2	J	0	0	8.29	J	0	0	4.44	J	0	0
Unknown Alkane		*		5.13	J	0	0	6.22	J	0	0	-		-	-	4.58	J	0	0
Unknown Alkane		*		4.98	J	0	0	6.36	J	0	0	-		-	-	4.87	J	0	0
Unknown Alkane		*		4.65	J	0	0	6.14	J	0	0	-		-	-	5.31	J	0	0
Unknown Alkane		*		4.91	J	0	0	5.2	J	0	0	-		-	-	3.56	J	0	0
Unknown Alkane		*		10.9	J	0	0	10.7	J	0	0	-		-	-	7.31	J	0	0
Total TIC Compounds				127	J	0	0	172	J	0	0	671	J	0	0	123	J	0	0
BASE/NEUTRAL EXTRACTABLES BY GC/MS-SIM																			
Benzo(a)anthracene	56-55-3	0.1		ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02
Benzo(a)pyrene	50-32-8	0.1		ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	205-99-2	0.2		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Benzo(k)fluoranthene	207-08-9	0.3		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Dibenzo(a,h)anthracene	53-70-3	0.3		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Indeno(1,2,3-cd)pyrene	193-39-5	0.2		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Hexachlorobenzene	118-74-1	0.02		ND		0.02	0.01	ND		0.02	0.01	ND		0.02	0.01	ND		0.02	0.01
Hexachlorobutadiene	87-68-3	1		ND		1	0.05	ND		1	0.05	ND		1	0.05	ND		1	0.05

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
GWVISL: NJ Groundwater Vapor Intrusion Screening Levels per May 2021 Version 5.0 Guidance Document.
*: GWI-PL is defined as background for TICs. Background well not installed at this time, so all detections are considered exceedances.

: Denotes concentration exceeds GWI-PL
: Denotes RL exceeds or equal to GWI-PL and/or BASELINE.

TABLE 5A
MONITORING WELL GROUNDWATER DATA SUMMARY – MARCH 13, 2020: VOCs
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-1				MW-2				MW-3				MW-4				FIELD BLANK				TRIP BLANK			
			LAB ID:	L2011627-01				L2011627-02				L2011627-03				L2011627-04				L2011627-05				L2011627-06			
			DATE:	3/13/2020				3/13/2020				3/13/2020				3/13/2020				3/13/2020				3/12/2020			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0				N/A				N/A			
			MATRIX:	WATER				WATER				WATER				WATER				Field Blank				Trip Blank (aqueous)			
		GWI-PL	GWVISL																								
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																											
1,2-Dibromo-3-chloropropane	96-12-8	0.02		ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35
1,4-Dioxane	123-91-1	0.1	2500	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61
1,2-Dibromoethane	106-93-4	0.03	0.45	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19
Methylene chloride	75-09-2	1	2600	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68
1,1-Dichloroethane	75-34-3	1		ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21
Chloroform	67-66-3	1	1000	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22
Carbon tetrachloride	56-23-5	1	1	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloropropane	78-87-5	1	11	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14
Dibromochloromethane	124-48-1	1		ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
1,1,2-Trichloroethane	79-00-5	2		ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14
Tetrachloroethene	127-18-4	1	36	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Chlorobenzene	108-90-7	1	770	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	75-69-4	1		ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16
1,2-Dichloroethane	107-06-2	2	230	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,1,1-Trichloroethane	71-55-6	1	13000	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Bromodichloromethane	75-27-4	1		ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
trans-1,3-Dichloropropene	10061-02-6			ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
cis-1,3-Dichloropropene	10061-01-5			ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,3-Dichloropropene, Total	542-75-6	1	8.4	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
Bromoform	75-25-2	0.8		ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25
1,1,2,2-Tetrachloroethane	79-34-5	1		ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
Benzene	71-43-2	1	23	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Toluene	108-88-3	1	330000	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2
Ethylbenzene	100-41-4	2	700	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
Chloromethane	74-87-3		240	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2
Bromomethane	74-83-9	1	20	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26
Vinyl chloride	75-01-4	1	1	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07
Chloroethane	75-00-3		26000	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13
1,1-Dichloroethene	75-35-4	1	26	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
trans-1,2-Dichloroethene	156-60-5	1		ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16
Trichloroethene	79-01-6	1	3	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
1,2-Dichlorobenzene	95-50-1	5	6800	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18
1,3-Dichlorobenzene	541-73-1	5		ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19
1,4-Dichlorobenzene	106-46-7	5	21000	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19
Methyl tert butyl ether	1634-04-4	1	690	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17
p/m-Xylene	179601-23-1			ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33
o-Xylene	95-47-6			ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39
Xylenes, Total	1330-20-7	2	7800	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33
cis-1,2-Dichloroethene	156-59-2	1		ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
1,2-Dichloroethene, Total	540-59-0			ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Styrene	100-42-5	2	180000	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36
Dichlorodifluoromethane	75-71-8	2		ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24
Acetone	67-64-1	10		ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Carbon disulfide	75-15-0	1	1500	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3
2-Butanone	78-93-3	2	2500000	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9
4-Methyl-2-pentanone	108-10-1		900000	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42
2-Hexanone	591-78-6	1		ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52
Bromochloromethane	74-97-5			ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15
Isopropylbenzene	98-82-8	1		ND		0.5	0.19	ND		0.5	0.19	0.25	J	0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
1,2,3-Trichlorobenzene	87-61-6			ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23
1,2,4-Trichlorobenzene	120-82-1	1	130	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22
Methyl Acetate	79-20-9	0.5		ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23
Cyclohexane	110-82-7		16000	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27
Methyl cyclohexane	108-87-2			ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4
Freon-113	76-13-1	0.3	20000	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15
Total VOCs				-	-	-	-	-	-	-	-	0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOLATILE ORGANICS BY GC/MS-TIC																											
Unknown Benzene		*		-		-	-	-		-	-	1.03	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Benzene		*		-		-	-	-		-	-	1.13	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Aromatic		*		-		-	-	-		-	-	1.48	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Total TIC Compounds				ND		0	0	ND		0	0	3.64	J	0	0	ND		0	0	ND		0	0	ND		0	0

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
GWVISL: NJ Groundwater Vapor Intrusion Screening Levels per May 2021 Version 5.0 Guidance Document.
*: GWI-PL is defined as background for TICs. Background well not installed at this time, so all detections are considered exceedances.

: Denotes concentration exceeds GWI-PL
: Denotes RL exceeds or equal to GWI-PL and/or BASELINE.

TABLE 5B
MONITORING WELL GROUNDWATER DATA SUMMARY – MARCH 13, 2020: BNs
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-1				MW-2				MW-3				MW-4			
			LAB ID:	L2011627-01				L2011627-02				L2011627-03				L2011627-04			
			DATE:	3/13/2020				3/13/2020				3/13/2020				3/13/2020			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0			
			MATRIX:	WATER				WATER				WATER				WATER			
		GWI-PL	GWVISL																
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
BASE/NEUTRAL EXTRACTABLES BY GC/MS- WESTBOROUGH LAB																			
Acenaphthene	83-32-9	10		ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44
Bis(2-chloroethyl)ether	111-44-4	7		ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5
2-Chloronaphthalene	91-58-7	10		ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44
2,4-Dinitrotoluene	121-14-2	10		ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
2,6-Dinitrotoluene	606-20-2	10		ND		5	0.93	ND		5	0.93	ND		5	0.93	ND		5	0.93
Fluoranthene	206-44-0	10		ND		2	0.26	ND		2	0.26	ND		2	0.26	ND		2	0.26
4-Chlorophenyl phenyl ether	7005-72-3			ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49
Bis(2-chloroisopropyl)ether	108-60-1	10		ND		2	0.53	ND		2	0.53	ND		2	0.53	ND		2	0.53
Bis(2-chloroethoxy)methane	111-91-1			ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5
Hexachlorocyclopentadiene	77-47-4	0.5		ND		20	0.69	ND		20	0.69	ND		20	0.69	ND		20	0.69
Hexachloroethane	67-72-1	7		ND		2	0.58	ND		2	0.58	ND		2	0.58	ND		2	0.58
Isophorone	78-59-1	10		ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
Naphthalene	91-20-3	2	300	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46
Nitrobenzene	98-95-3	6		ND		2	0.77	ND		2	0.77	ND		2	0.77	ND		2	0.77
NDPA/DPA	86-30-6	10		ND		2	0.42	ND		2	0.42	ND		2	0.42	ND		2	0.42
n-Nitrosodi-n-propylamine	621-64-7			ND		5	0.64	ND		5	0.64	ND		5	0.64	ND		5	0.64
Bis(2-ethylhexyl)phthalate	117-81-7	3		ND		3	1.5	ND		3	1.5	ND		3	1.5	ND		3	1.5
Butyl benzyl phthalate	85-68-7	1		ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
Di-n-butylphthalate	84-74-2	1		ND		5	0.39	ND		5	0.39	ND		5	0.39	ND		5	0.39
Di-n-octylphthalate	117-84-0	10		ND		5	1.3	ND		5	1.3	ND		5	1.3	ND		5	1.3
Diethyl phthalate	84-66-2	1		ND		5	0.38	ND		5	0.38	ND		5	0.38	ND		5	0.38
Dimethyl phthalate	131-11-3			ND		5	1.8	ND		5	1.8	ND		5	1.8	ND		5	1.8
Chrysene	218-01-9	0.2		ND		2	0.34	ND		2	0.34	ND		2	0.34	ND		2	0.34
Acenaphthylene	208-96-8			ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46
Anthracene	120-12-7	10		ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33
Benzo(ghi)perylene	191-24-2			ND		2	0.3	ND		2	0.3	ND		2	0.3	ND		2	0.3
Fluorene	86-73-7	1		ND		2	0.41	ND		2	0.41	ND		2	0.41	ND		2	0.41
Phenanthrene	85-01-8			ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33
Pyrene	129-00-0	0.1		ND		2	0.28	ND		2	0.28	ND		2	0.28	ND		2	0.28
4-Chloroaniline	106-47-8	10		ND		5	1.1	ND		5	1.1	ND		5	1.1	ND		5	1.1
2-Nitroaniline	88-74-4			ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5
3-Nitroaniline	99-09-2			ND		5	0.81	ND		5	0.81	ND		5	0.81	ND		5	0.81
4-Nitroaniline	100-01-6			ND		5	0.8	ND		5	0.8	ND		5	0.8	ND		5	0.8
Dibenzofuran	132-64-9			ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5
2-Methylnaphthalene	91-57-6	10		ND		2	0.45	ND		2	0.45	ND		2	0.45	ND		2	0.45
Carbazole	86-74-8			ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49
4-Bromophenyl phenyl ether	101-55-3			ND		2	0.38	ND		2	0.38	ND		2	0.38	ND		2	0.38
3,3'-Dichlorobenzidine	91-94-1	30		ND		5	1.6	ND		5	1.6	ND		5	1.6	ND		5	1.6
Benzaldehyde	100-52-7			ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53
Acetophenone	98-86-2	10		ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53
Caprolactam	105-60-2	60		ND		10	3.3	ND		10	3.3	ND		10	3.3	ND		10	3.3
Biphenyl	92-52-4	10		ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46
1,2,4,5-Tetrachlorobenzene	95-94-3			ND		10	0.44	ND		10	0.44	ND		10	0.44	ND		10	0.44
Atrazine	1912-24-9	0.1		ND		3	0.76	ND		3	0.76	ND		3	0.76	ND		3	0.76
BASE/NEUTRAL EXTRACTABLES BY GC/MS- WESTBOROUGH LAB-TIC																			
Unknown Alkane		*		6.36	J	0	0	6.54	J	0	0	3.96	J	0	0	-	-	-	-
Unknown Alkane		*		5.2	J	0	0	3.56	J	0	0	17.5	J	0	0	-	-	-	-
Unknown Alkane		*		-		-	-	-		-	-	7.64	J	0	0	-	-	-	-
Unknown Alkane		*		-		-	-	-		-	-	3.45	J	0	0	-	-	-	-
Unknown Aldehyde		*		5.49	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Organic Acid		*		8.51	J	0	0	10.5	J	0	0	-		-	-	-		-	-
Unknown		*		3.42	J	0	0	4.33	J	0	0	5.24	J	0	0	1.6	J	0	0
Unknown		*		3.42	J	0	0	4.04	J	0	0	3.49	J	0	0	2.04	J	0	0
Unknown		*		-		-	-	3.85	J	0	0	-		-	-	-		-	-
Unknown		*		4.04	J	0	0	3.71	J	0	0	3.67	J	0	0	3.82	J	0	0
Unknown		*		3.67	J	0	0	3.16	J	0	0	4.58	J	0	0	2.07	J	0	0
Unknown Organic Acid		*		6.22	J	0	0	5.93	J	0	0	-		-	-	-		-	-
Unknown Organic Acid		*		-		-	-	-		-	-	8.94	J	0	0	-		-	-
Unknown Benzene		*		20.8	J	0	0	19.1	J	0	0	21.7	J	0	0	6.14	J	0	0
Unknown Alkane		*		15.3	J	0	0	14.9	J	0	0	3.89	J	0	0	-		-	-
Unknown Alkane		*		3.45	J	0	0	3.34	J	0	0	27.2	J	0	0	2.33	J	0	0
Unknown Alkane		*		24.2	J	0	0	22.2	J	0	0	3.34	J	0	0	5.09	J	0	0
Unknown Alkane		*		3.2	J	0	0	2.98	J	0	0	3.71	J	0	0	6.76	J	0	0
Unknown Alkane		*		11.4	J	0	0	10.9	J	0	0	11.7	J	0	0	3.49	J	0	0
Total TIC Compounds				125	J	0	0	119	J	0	0	130	J	0	0	33.3	J	0	0
BASE/NEUTRAL EXTRACTABLES BY GC/MS-SIM																			
Benzo(a)anthracene	56-55-3	0.1		ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02
Benzo(a)pyrene	50-32-8	0.1		ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	205-99-2	0.2		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	0.02	J	0.1	0.01
Benzo(k)fluoranthene	207-08-9	0.3		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	0.02	J	0.1	0.01
Dibenzo(a,h)anthracene	53-70-3	0.3		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	0.08	J	0.1	0.01
Indeno(1,2,3-cd)pyrene	193-39-5	0.2		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	0.08	J	0.1	0.01
Hexachlorobenzene	118-74-1	0.02		ND		0.02	0.01	ND		0.02	0.01	ND		0.02	0.01	ND		0.02	0.01
Hexachlorobutadiene	87-68-3	1		ND		1	0.05	ND		1	0.05	ND		1	0.05	ND		1	0.05

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
GWVISL: NJ Groundwater Vapor Intrusion Screening Levels per May 2021 Version 5.0 Guidance Document.
*: GWI-PL is defined as background for TICs. Background well not installed at this time, so all detections are considered exceedances.

: Denotes concentration exceeds GWI-PL
: Denotes RL exceeds or equal to GWI-PL and/or BASELINE.

TABLE 5C
MONITORING WELL GROUNDWATER DATA SUMMARY – MARCH 13, 2020: SECONDARY PARAMETERS
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-1				MW-2				MW-3				MW-4			
			LAB ID:	L2011627-01				L2011627-02				L2011627-03				L2011627-04			
			DATE:	3/13/2020				3/13/2020				3/13/2020				3/13/2020			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0			
			MATRIX:	WATER				WATER				WATER				WATER			
		GWI-PL	BASELINE																
ANALYTE	**CAS**	**(ug/l)**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
TOTAL METALS																			
Arsenic, Total	7440-38-2	3	7.63	7.63		2.5	0.825	7.629		2.5	0.825	3.415		2.5	0.825	2.908		2.5	0.825
Iron, Total	7439-89-6	20	17800	13600		250	95.5	17800		250	95.5	8320		250	95.5	4650		250	95.5
GENERAL CHEMISTRY																			
Alkalinity, Total	471-34-1		124000	75000		2000	NA	124000		2000	NA	64100		2000	NA	48200		2000	NA
Nitrogen, Nitrite	NONE	10	61.8	60		50	14.3	59.4		50	14.3	61.8		50	14.3	41.1	J	50	14.3
Nitrogen, Nitrate	14797-55-8	100	314	314		100	32.8	232		100	32.8	155		100	32.8	90.4	J	100	32.8
Sulfate	14808-79-8	5000	31000	ND		20000	2700	ND		50000	6800	ND		20000	2700	31000		10000	1400

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
BASELINE: Highest concentration reported prior to in situ treatment during the March 13, 2020 Sampling event.

: Denotes concentration exceeds GWI-PL and BASELINE.
: Denotes RL exceeds or equal to GWI-PL and/or BASELINE.

TABLE 6A
MONITORING WELL GROUNDWATER DATA SUMMARY – APRIL 27, 2020: VOCs
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-1				MW-2				MW-3				MW-4				FIELD BLANK				TRIP BLANK			
			LAB ID:	L2017383-01				L2017383-02				L2017383-03				L2017383-04				L2017383-05				L2017383-06			
			DATE:	4/27/2020				4/27/2020				4/27/2020				4/27/2020				4/27/2020				4/24/2020			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0				N/A				N/A			
			MATRIX:	WATER				WATER				WATER				WATER				Field Blank				Trip Blank (aqueous)			
		GWI-PL	GWVISL																								
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																											
1,2-Dibromo-3-chloropropane	96-12-8	0.02		ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35
1,4-Dioxane	123-91-1	0.1	2500	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61
1,2-Dibromoethane	106-93-4	0.03	0.45	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19
Methylene chloride	75-09-2	1	2600	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68
1,1-Dichloroethane	75-34-3	1		ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21
Chloroform	67-66-3	1	1000	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22
Carbon tetrachloride	56-23-5	1	1	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloropropane	78-87-5	1	11	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14
Dibromochloromethane	124-48-1	1		ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
1,1,2-Trichloroethane	79-00-5	2		ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14
Tetrachloroethene	127-18-4	1	36	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Chlorobenzene	108-90-7	1	770	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	75-69-4	1		ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16
1,2-Dichloroethane	107-06-2	2	230	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,1,1-Trichloroethane	71-55-6	1	13000	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Bromodichloromethane	75-27-4	1		ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
trans-1,3-Dichloropropene	10061-02-6			ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
cis-1,3-Dichloropropene	10061-01-5			ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,3-Dichloropropene, Total	542-75-6	1	8.4	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
Bromoform	75-25-2	0.8		ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25
1,1,2,2-Tetrachloroethane	79-34-5	1		ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
Benzene	71-43-2	1	23	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Toluene	108-88-3	1	330000	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2
Ethylbenzene	100-41-4	2	700	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
Chloromethane	74-87-3		240	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2
Bromomethane	74-83-9	1	20	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26
Vinyl chloride	75-01-4	1	1	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07
Chloroethane	75-00-3		26000	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13
1,1-Dichloroethene	75-35-4	1	26	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
trans-1,2-Dichloroethene	156-60-5	1		ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16
Trichloroethene	79-01-6	1	3	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
1,2-Dichlorobenzene	95-50-1	5	6800	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18
1,3-Dichlorobenzene	541-73-1	5		ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19
1,4-Dichlorobenzene	106-46-7	5	21000	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19
Methyl tert butyl ether	1634-04-4	1	690	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17
p/m-Xylene	179601-23-1			ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33
o-Xylene	95-47-6			ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39
Xylenes, Total	1330-20-7	2	7800	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33
cis-1,2-Dichloroethene	156-59-2	1		0.2	J	0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
1,2-Dichloroethene, Total	540-59-0			0.2	J	0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Styrene	100-42-5	2	180000	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36
Dichlorodifluoromethane	75-71-8	2		ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24
Acetone	67-64-1	10		ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Carbon disulfide	75-15-0	1	1500	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3
2-Butanone	78-93-3	2	2500000	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9
4-Methyl-2-pentanone	108-10-1		900000	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42
2-Hexanone	591-78-6	1		ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52
Bromochloromethane	74-97-5			ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15
Isopropylbenzene	98-82-8	1		ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
1,2,3-Trichlorobenzene	87-61-6			ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23
1,2,4-Trichlorobenzene	120-82-1	1	130	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22
Methyl Acetate	79-20-9	0.5		ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23
Cyclohexane	110-82-7		16000	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27
Methyl cyclohexane	108-87-2			ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4
Freon-113	76-13-1	0.3	20000	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15
Total VOCs				0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOLATILE ORGANICS BY GC/MS-TIC																											
Total TIC Compounds				ND		0	0	ND		0	0	ND		0	0	ND		0	0	ND		0	0	ND		0	0

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
GWVISL: NJ Groundwater Vapor Intrusion Screening Levels per May 2021 Version 5.0 Guidance Document.

: Denotes concentration exceeds GWI-PL
: Denotes RL exceeds or equal to GWI-PL and/or BASELINE.

TABLE 6B
MONITORING WELL GROUNDWATER DATA SUMMARY – APRIL 27, 2020: BNs
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-1				MW-2				MW-3				MW-4			
			LAB ID:	L2017383-01				L2017383-02				L2017383-03				L2017383-04			
			DATE:	4/27/2020				4/27/2020				4/27/2020				4/27/2020			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0			
			MATRIX:	WATER				WATER				WATER				WATER			
		GWI-PL	GWVISL																
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
BASE/NEUTRAL EXTRACTABLES BY GC/MS- WESTBOROUGH LAB																			
Acenaphthene	83-32-9	10		ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44
Bis(2-chloroethyl)ether	111-44-4	7		ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5
2-Chloronaphthalene	91-58-7	10		ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44
2,4-Dinitrotoluene	121-14-2	10		ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
2,6-Dinitrotoluene	606-20-2	10		ND		5	0.93	ND		5	0.93	ND		5	0.93	ND		5	0.93
Fluoranthene	206-44-0	10		ND		2	0.26	ND		2	0.26	ND		2	0.26	ND		2	0.26
4-Chlorophenyl phenyl ether	7005-72-3			ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49
Bis(2-chloroisopropyl)ether	108-60-1	10		ND		2	0.53	ND		2	0.53	ND		2	0.53	ND		2	0.53
Bis(2-chloroethoxy)methane	111-91-1			ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5
Hexachlorocyclopentadiene	77-47-4	0.5		ND		20	0.69	ND		20	0.69	ND		20	0.69	ND		20	0.69
Hexachloroethane	67-72-1	7		ND		2	0.58	ND		2	0.58	ND		2	0.58	ND		2	0.58
Isophorone	78-59-1	10		ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
Naphthalene	91-20-3	2	300	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46
Nitrobenzene	98-95-3	6		ND		2	0.77	ND		2	0.77	ND		2	0.77	ND		2	0.77
NDPA/DPA	86-30-6	10		ND		2	0.42	ND		2	0.42	ND		2	0.42	ND		2	0.42
n-Nitrosodi-n-propylamine	621-64-7			ND		5	0.64	ND		5	0.64	ND		5	0.64	ND		5	0.64
Bis(2-ethylhexyl)phthalate	117-81-7	3		2.4	J	3	1.5	ND		3	1.5	ND		3	1.5	ND		3	1.5
Butyl benzyl phthalate	85-68-7	1		ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
Di-n-butylphthalate	84-74-2	1		ND		5	0.39	ND		5	0.39	ND		5	0.39	ND		5	0.39
Di-n-octylphthalate	117-84-0	10		ND		5	1.3	ND		5	1.3	ND		5	1.3	ND		5	1.3
Diethyl phthalate	84-66-2	1		ND		5	0.38	ND		5	0.38	ND		5	0.38	ND		5	0.38
Dimethyl phthalate	131-11-3			ND		5	1.8	ND		5	1.8	ND		5	1.8	ND		5	1.8
Chrysene	218-01-9	0.2		ND		2	0.34	ND		2	0.34	ND		2	0.34	ND		2	0.34
Acenaphthylene	208-96-8			ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46
Anthracene	120-12-7	10		ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33
Benzo(ghi)perylene	191-24-2			ND		2	0.3	ND		2	0.3	ND		2	0.3	ND		2	0.3
Fluorene	86-73-7	1		ND		2	0.41	ND		2	0.41	ND		2	0.41	ND		2	0.41
Phenanthrene	85-01-8			ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33
Pyrene	129-00-0	0.1		ND		2	0.28	ND		2	0.28	ND		2	0.28	ND		2	0.28
4-Chloroaniline	106-47-8	10		ND		5	1.1	ND		5	1.1	ND		5	1.1	ND		5	1.1
2-Nitroaniline	88-74-4			ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5
3-Nitroaniline	99-09-2			ND		5	0.81	ND		5	0.81	ND		5	0.81	ND		5	0.81
4-Nitroaniline	100-01-6			ND		5	0.8	ND		5	0.8	ND		5	0.8	ND		5	0.8
Dibenzofuran	132-64-9			ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5
2-Methylnaphthalene	91-57-6	10		ND		2	0.45	ND		2	0.45	ND		2	0.45	ND		2	0.45
Carbazole	86-74-8			ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49
4-Bromophenyl phenyl ether	101-55-3			ND		2	0.38	ND		2	0.38	ND		2	0.38	ND		2	0.38
3,3'-Dichlorobenzidine	91-94-1	30		ND		5	1.6	ND		5	1.6	ND		5	1.6	ND		5	1.6
Benzaldehyde	100-52-7			ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53
Acetophenone	98-86-2	10		ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53
Caprolactam	105-60-2	60		ND		10	3.3	ND		10	3.3	ND		10	3.3	ND		10	3.3
Biphenyl	92-52-4	10		ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46
1,2,4,5-Tetrachlorobenzene	95-94-3			ND		10	0.44	ND		10	0.44	ND		10	0.44	ND		10	0.44
Atrazine	1912-24-9	0.1		ND		3	0.76	ND		3	0.76	ND		3	0.76	ND		3	0.76
BASE/NEUTRAL EXTRACTABLES BY GC/MS- WESTBOROUGH LAB-TIC																			
Cyclic Octaatomic Sulfur	010544-50-0	*		-		-	-	-		-	-	10.5	NJ	0	0	-	-	-	-
Unknown		*		13.5	J	0	0	-		-	-	-		-	-	-		-	-
Unknown		*		26.6	J	0	0	-		-	-	-		-	-	-		-	-

TABLE 6B
MONITORING WELL GROUNDWATER DATA SUMMARY – APRIL 27, 2020: BNs
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

Unknown		*		16.1	J	0	0	-		-	-	-		-	-	-		-	-
Unknown		*		25.3	J	0	0	-		-	-	-		-	-	-		-	-
Unknown		*		17.4	J	0	0	-		-	-	-		-	-	-		-	-
Unknown		*		20.2	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-
Unknown		*		2.22	J	0	0	-		-	-	4.47	J	0	0	-		-	-
Unknown		*		11.7	J	0	0	-		-	-	1.89	J	0	0	-		-	-
Unknown		*		32.8	J	0	0	-		-	-	-		-	-	-		-	-
Unknown		*		23.3	J	0	0	-		-	-	-		-	-	-		-	-
Unknown		*		2.8	J	0	0	-		-	-	-		-	-	-		-	-
Unknown		*		2.14	J	0	0	1.71	J	0	0	2.33	J	0	0	1.64	J	0	0
Unknown		*		6.98	J	0	0	1.71	J	0	0	1.49	J	0	0	1.45	J	0	0
Unknown Organic Acid		*		-		-	-	3.34	J	0	0	-		-	-	-		-	-
Unknown Benzene		*		-		-	-	-		-	-	2.18	J	0	0	-		-	-
Unknown Alkane		*		-		-	-	1.96	J	0	0	2.25	J	0	0	-		-	-
Unknown Alkane		*		2.25	J	0	0	2.4	J	0	0	3.09	J	0	0	-		-	-
Unknown Alkane		*		2.98	J	0	0	1.49	J	0	0	1.67	J	0	0	-		-	-
Total TIC Compounds				206	J	0	0	12.6	J	0	0	29.9	J	0	0	3.09	J	0	0
BASE/NEUTRAL EXTRACTABLES BY GC/MS-SIM																			
Benzo(a)anthracene	56-55-3	0.1		ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02
Benzo(a)pyrene	50-32-8	0.1		ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	205-99-2	0.2		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Benzo(k)fluoranthene	207-08-9	0.3		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Dibenzo(a,h)anthracene	53-70-3	0.3		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Indeno(1,2,3-cd)pyrene	193-39-5	0.2		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Hexachlorobenzene	118-74-1	0.02		ND		0.02	0.01	ND		0.02	0.01	ND		0.02	0.01	ND		0.02	0.01
Hexachlorobutadiene	87-68-3	1		ND		1	0.05	ND		1	0.05	ND		1	0.05	ND		1	0.05

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
GWVISL: NJ Groundwater Vapor Intrusion Screening Levels per May 2021 Version 5.0 Guidance Document.
*: GWI-PL is defined as background for TICs. Background well not installed at this time, so all detections are considered exceedances.

: Denotes concentration exceeds GWI-PL
: Denotes RL exceeds or equal to GWI-PL and/or BASELINE.

TABLE 6C
MONITORING WELL GROUNDWATER DATA SUMMARY – APRIL 27, 2020: SECONDARY PARAMETERS
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-1				MW-2				MW-3				MW-4			
			LAB ID:	L2017383-01				L2017383-02				L2017383-03				L2017383-04			
			DATE:	4/27/2020				4/27/2020				4/27/2020				4/27/2020			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0			
			MATRIX:	WATER				WATER				WATER				WATER			
		GWI-PL	BASELINE																
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																			
Arsenic, Total	7440-38-2	3	7.63	0.8684		0.5	0.165	0.7602		0.5	0.165	1.556		0.5	0.165	0.7739		0.5	0.165
Iron, Total	7439-89-6	20	17800	1210		50	19.1	1080		50	19.1	4460		50	19.1	624		50	19.1
GENERAL CHEMISTRY																			
Alkalinity, Total	471-34-1		124000	69500		2000	NA	99600		2000	NA	79600		2000	NA	42900		2000	NA
Nitrogen, Nitrite	NONE	10	61.8	39.6	J	50	13.2	40.4	J	50	13.2	50.4		50	13.2	ND		50	13.2
Nitrogen, Nitrate	14797-55-8	100	314	383		100	22.8	308		100	22.8	544		100	22.8	44.8	J	100	22.8
Sulfate	14808-79-8	5000	31000	ND		10000	1400	ND		20000	2700	ND		10000	1400	14000		10000	1400

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
BASELINE: Highest concentration reported prior to in situ treatment during the March 13, 2020 Sampling event.

: Denotes concentration exceeds GWI-PL and BASELINE.

TABLE 7A
MONITORING WELL GROUNDWATER DATA SUMMARY – SEPTEMBER 18, 2020: VOCs
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-6 (Background)				MW-1				MW-2				MW-3				MW-4				MW-5				FIELD BLANK				TRIP BLANK			
			LAB ID:	L2039431-06				L2039431-01				L2039431-02				L2039431-03				L2039431-04				L2039431-05				L2039431-07				L2039431-08			
			DATE:	9/18/2020				9/18/2020				9/18/2020				9/18/2020				9/18/2020				9/18/2020				9/18/2020				9/17/2020			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0				25.0-30.0				N/A				N/A			
			MATRIX:	WATER				WATER				WATER				WATER				WATER				WATER				Field Blank				Trip Blank (aqueous)			
		GWI-PL	GWVISL																																
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																																			
1,2-Dibromo-3-chloropropane	96-12-8	0.02		ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35
1,4-Dioxane	123-91-1	0.1	2500	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61
1,2-Dibromoethane	106-93-4	0.03	0.45	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19
Methylene chloride	75-09-2	1	2600	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68
1,1-Dichloroethane	75-34-3	1		ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21
Chloroform	67-66-3	1	1000	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22
Carbon tetrachloride	56-23-5	1	1	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloropropane	78-87-5	1	11	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14
Dibromochloromethane	124-48-1	1		ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
1,1,2-Trichloroethane	79-00-5	2		ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14
Tetrachloroethene	127-18-4	1	36	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Chlorobenzene	108-90-7	1	770	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	75-69-4	1		ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16
1,2-Dichloroethane	107-06-2	2	230	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,1,1-Trichloroethane	71-55-6	1	13000	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Bromodichloromethane	75-27-4	1		ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
trans-1,3-Dichloropropene	10061-02-6			ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
cis-1,3-Dichloropropene	10061-01-5			ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,3-Dichloropropene, Total	542-75-6	1	8.4	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
Bromoform	75-25-2	0.8		ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25
1,1,2,2-Tetrachloroethane	79-34-5	1		ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
Benzene	71-43-2	1	23	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Toluene	108-88-3	1	330000	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2
Ethylbenzene	100-41-4	2	700	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
Chloromethane	74-87-3		240	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2
Bromomethane	74-83-9	1	20	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26
Vinyl chloride	75-01-4	1	1	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07
Chloroethane	75-00-3		26000	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13
1,1-Dichloroethene	75-35-4	1	26	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
trans-1,2-Dichloroethene	156-60-5	1		ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16
Trichloroethene	79-01-6	1	3	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
1,2-Dichlorobenzene	95-50-1	5	6800	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18
1,3-Dichlorobenzene	541-73-1	5		ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19
1,4-Dichlorobenzene	106-46-7	5	21000	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19
Methyl tert butyl ether	1634-04-4	1	690	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17
p/m-Xylene	179601-23-1			ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33
o-Xylene	95-47-6			ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39
Xylenes, Total	1330-20-7	2	7800	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33
cis-1,2-Dichloroethene	156-59-2	1		ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
1,2-Dichloroethene, Total	540-59-0			ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Styrene	100-42-5	2	180000	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36
Dichlorodifluoromethane	75-71-8	2		ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24
Acetone	67-64-1	10		11		5	1.5	6.1		5	1.5	7.4		5	1.5	ND		5	1.5	1.5	J	5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Carbon disulfide	75-15-0	1	1500	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3
2-Butanone	78-93-3	2	2500000	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9
4-Methyl-2-pentanone	108-10-1		900000	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42
2-Hexanone	591-78-6	1		ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52
Bromochloromethane	74-97-5			ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15
Isopropylbenzene	98-82-8	1		ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
1,2,3-Trichlorobenzene	87-61-6			ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23
1,2,4-Trichlorobenzene	120-82-1	1	130	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22
Methyl Acetate	79-20-9	0.5		ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23
Cyclohexane	110-82-7		16000	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27
Methyl cyclohexane	108-87-2			ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4
Freon-113	76-13-1	0.3	20000	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15
Total VOCs				11	-	-	-	6.1	-	-	-	7.4	-	-	-	-	-	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOLATILE ORGANICS BY GC/MS-TIC																																			
Total TIC Compounds				ND		0	0	ND		0	0	ND		0	0	ND		0	0	ND		0	0	ND		0	0	ND		0	0	ND		0	0

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
GWVISL: NJ Groundwater Vapor Intrusion Screening Levels per May 2021 Version 5.0 Guidance Document.

: Denotes concentration exceeds GWI-PL
: Denotes RL exceeds or equal to GWI-PL and/or BASELINE.

TABLE 7B
MONITORING WELL GROUNDWATER DATA SUMMARY – SEPTEMBER 18, 2020: BNs
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-6 (Background)				MW-1				MW-2				MW-3				MW-4				MW-5			
			LAB ID:	L2039431-06				L2039431-01				L2039431-02				L2039431-03				L2039431-04				L2039431-05			
			DATE:	9/18/2020				9/18/2020				9/18/2020				9/18/2020				9/18/2020				9/18/2020			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0				25.0-30.0			
			MATRIX:	WATER				WATER				WATER				WATER				WATER				WATER			
		GWI-PL	GWVISL																								
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
BASE/NEUTRAL EXTRACTABLES BY GC/MS- WESTBOROUGH LAB																											
Acenaphthene	83-32-9	10		ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44
Bis(2-chloroethyl)ether	111-44-4	7		ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5
2-Chloronaphthalene	91-58-7	10		ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44
2,4-Dinitrotoluene	121-14-2	10		ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
2,6-Dinitrotoluene	606-20-2	10		ND		5	0.93	ND		5	0.93	ND		5	0.93	ND		5	0.93	ND		5	0.93	ND		5	0.93
Fluoranthene	206-44-0	10		ND		2	0.26	ND		2	0.26	ND		2	0.26	ND		2	0.26	ND		2	0.26	ND		2	0.26
4-Chlorophenyl phenyl ether	7005-72-3			ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49
Bis(2-chloroisopropyl)ether	108-60-1	10		ND		2	0.53	ND		2	0.53	ND		2	0.53	ND		2	0.53	ND		2	0.53	ND		2	0.53
Bis(2-chloroethoxy)methane	111-91-1			ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5
Hexachlorocyclopentadiene	77-47-4	0.5		ND		20	0.69	ND		20	0.69	ND		20	0.69	ND		20	0.69	ND		20	0.69	ND		20	0.69
Hexachloroethane	67-72-1	7		ND		2	0.58	ND		2	0.58	ND		2	0.58	ND		2	0.58	ND		2	0.58	ND		2	0.58
Isophorone	78-59-1	10		ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
Naphthalene	91-20-3	2	300	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46
Nitrobenzene	98-95-3	6		ND		2	0.77	ND		2	0.77	ND		2	0.77	ND		2	0.77	ND		2	0.77	ND		2	0.77
NDPA/DPA	86-30-6	10		ND		2	0.42	ND		2	0.42	ND		2	0.42	ND		2	0.42	ND		2	0.42	ND		2	0.42
n-Nitrosodi-n-propylamine	621-64-7			ND		5	0.64	ND		5	0.64	ND		5	0.64	ND		5	0.64	ND		5	0.64	ND		5	0.64
Bis(2-ethylhexyl)phthalate	117-81-7	3		ND		3	1.5	1.6	J	3	1.5	ND		3	1.5	ND		3	1.5	ND		3	1.5	ND		3	1.5
Butyl benzyl phthalate	85-68-7	1		ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
Di-n-butylphthalate	84-74-2	1		ND		5	0.39	ND		5	0.39	ND		5	0.39	ND		5	0.39	ND		5	0.39	ND		5	0.39
Di-n-octylphthalate	117-84-0	10		ND		5	1.3	ND		5	1.3	ND		5	1.3	ND		5	1.3	ND		5	1.3	ND		5	1.3
Diethyl phthalate	84-66-2	1		ND		5	0.38	ND		5	0.38	ND		5	0.38	ND		5	0.38	ND		5	0.38	ND		5	0.38
Dimethyl phthalate	131-11-3			ND		5	1.8	ND		5	1.8	ND		5	1.8	ND		5	1.8	ND		5	1.8	ND		5	1.8
Chrysene	218-01-9	0.2		ND		2	0.34	ND		2	0.34	ND		2	0.34	ND		2	0.34	ND		2	0.34	ND		2	0.34
Acenaphthylene	208-96-8			ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46
Anthracene	120-12-7	10		ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33
Benzo(ghi)perylene	191-24-2			ND		2	0.3	ND		2	0.3	ND		2	0.3	ND		2	0.3	ND		2	0.3	ND		2	0.3
Fluorene	86-73-7	1		ND		2	0.41	ND		2	0.41	ND		2	0.41	ND		2	0.41	ND		2	0.41	ND		2	0.41
Phenanthrene	85-01-8			ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33
Pyrene	129-00-0	0.1		ND		2	0.28	ND		2	0.28	ND		2	0.28	ND		2	0.28	ND		2	0.28	ND		2	0.28
4-Chloroaniline	106-47-8	10		ND		5	1.1	ND		5	1.1	ND		5	1.1	ND		5	1.1	ND		5	1.1	ND		5	1.1
2-Nitroaniline	88-74-4			ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5
3-Nitroaniline	99-09-2			ND		5	0.81	ND		5	0.81	ND		5	0.81	ND		5	0.81	ND		5	0.81	ND		5	0.81
4-Nitroaniline	100-01-6			ND		5	0.8	ND		5	0.8	ND		5	0.8	ND		5	0.8	ND		5	0.8	ND		5	0.8
Dibenzofuran	132-64-9			ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5
2-Methylnaphthalene	91-57-6	10		ND		2	0.45	ND		2	0.45	ND		2	0.45	ND		2	0.45	ND		2	0.45	ND		2	0.45
Carbazole	86-74-8			ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49
4-Bromophenyl phenyl ether	101-55-3			ND		2	0.38	ND		2	0.38	ND		2	0.38	ND		2	0.38	ND		2	0.38	ND		2	0.38
3,3'-Dichlorobenzidine	91-94-1	30		ND		5	1.6	ND		5	1.6	ND		5	1.6	ND		5	1.6	ND		5	1.6	ND		5	1.6
Benzaldehyde	100-52-7			ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53
Acetophenone	98-86-2	10		ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53
Caprolactam	105-60-2	60		ND		10	3.3	ND		10	3.3	ND		10	3.3	ND		10	3.3	ND		10	3.3	ND		10	3.3
Biphenyl	92-52-4	10		ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46
1,2,4,5-Tetrachlorobenzene	95-94-3			ND		10	0.44	ND		10	0.44	ND		10	0.44	ND		10	0.44	ND		10	0.44	ND		10	0.44
Atrazine	1912-24-9	0.1		ND		3	0.76	ND		3	0.76	ND		3	0.76	ND		3	0.76	ND		3	0.76	ND		3	0.76
BASE/NEUTRAL EXTRACTABLES BY GC/MS- WESTBOROUGH LAB-TIC																											
Unknown		*		9.78	J	0	0	-		-	-	-		-	-	4.54	JB	0	0	2.51	JB	0	0	2.8	JB	0	0
Unknown		*		-	-	-	-	-		-	-	-		-	-	5.71	JB	0	0	-		-	-	4.07	JB	0	0
Unknown		*		-	-	-	-	-		-	-	-		-	-	4.84	JB	0	0	-		-	-	2.51	JB	0	0
Unknown		*		-	-	-	-	-		-	-	-		-	-	4.54	JB	0	0	-		-	-	2.84	JB	0	0
Unknown		*		-	-	-	-	-		-	-	-		-	-	-		-	-	-		-	-	1.74	JB	0	0
Unknown Organic Acid		*		25.1	J	0	0	15.1	J	0	0	4.94	J	0	0	-		-	-	-		-	-	-		-	-
Unknown		*		10.9	J	0	0	3.53	J	0	0	2.58	J	0	0	5.09	J	0	0	2.8	JB	0	0	1.49	J	0	0
Unknown		*		7.6	JB	0	0	4.76	J	0	0	5.09	JB	0	0	2.94	JB	0	0	1.78	J	0	0	2.62	JB	0	0
Unknown		*		10.9	J	0	0	3.05	J	0	0	3.85	JB	0	0	6.51	JB	0	0	3.64	JB	0	0	4.87	JB	0	0
Unknown		*		7.13	JB	0	0	3.93	J	0	0	4.33	JB	0	0	3.78	J	0	0	1.53	JB	0	0	2.76	J	0	0
Unknown		*		7.42	JB	0	0	3.56	J	0	0	2.84	JB	0	0	7.82	JB	0	0	3.2	JB	0	0	4.62	JB	0	0
Unknown		*		9.27	J	0	0	5.64	J	0	0	2.65	JB	0	0	4.54	JB	0	0	4.11	JB	0	0	4.07	JB	0	0
Unknown		*		7.02	J	0	0	4.84	J	0	0	4.98	JB	0	0	3.02	J	0	0	2.62	J	0	0	2.65	J	0	0
Unknown Organic Acid		*		15.1	J	0	0	10.2	J	0	0	3.67	J	0	0	-		-	-	-		-	-	-		-	-
Unknown Organic Acid		*		-		-	-	-		-	-	-		-	-	6.04	J	0	0	-		-	-	-		-	-
Unknown Benzene		*		14.9	J	0	0	7.31	J	0	0	3.38	J	0	0	-		-	-	-		-	-	-		-	-
Unknown Alkane		*		6.33	J	0	0	2.8	J	0	0	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		*		14.4	J	0	0	6.47	J	0	0	2.58	J	0	0	-		-	-	-		-	-	-		-	-
Unknown Alkane		*		21.5	J	0	0	10.7	J	0	0	5.05	J	0	0	2.47	J	0	0	-		-	-	-		-	-
Unknown Alkane		*		19.2	J	0	0	9.82	J	0	0	4.87	J	0	0	4.44	J	0	0	-		-	-	-		-	-
Unknown Alcohol		*		-		-	-	-		-	-	4.29	JB	0	0	-		-	-	-		-	-	1.82	J	0	0
Unknown Alkane		*		7.05	J	0	0	4.44	J	0	0	2.91	J	0	0	4	J	0	0	-		-	-	-		-	-
Total TIC Compounds				194	J	0	0	96.2	J	0	0	58	J	0	0	70.3	J	0	0	22.2	J	0	0	38.9	J	0	0
BASE/NEUTRAL EXTRACTABLES BY GC/MS-SIM																											
Benzo(a)anthracene	56-55-3	0.1		ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02
Benzo(a)pyrene	50-32-8	0.1		ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	205-99-2	0.2		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Benzo(k)fluoranthene	207-08-9	0.3		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Dibenzo(a,h)anthracene	53-70-3	0.3		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Indeno(1,2,3-cd)pyrene	193-39-5	0.2		ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Hexachlorobenzene	118-74-1	0.02		ND		0.02	0.01	ND		0.02	0.01	ND		0.02	0.01	ND		0.02	0.01	ND		0.02	0.01	ND		0.02	0.01
Hexachlorobutadiene	87-68-3	1		ND		1	0.05	ND		1	0.05	ND		1	0.05	ND		1	0.05	ND		1	0.05	ND		1	0.05

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
GWVISL: NJ Groundwater Vapor Intrusion Screening Levels per May 2021 Version 5.0 Guidance Document.

TABLE 7B
MONITORING WELL GROUNDWATER DATA SUMMARY – SEPTEMBER 18, 2020: BNs
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

*: GWI-PL is defined as background for TICs. Concentration reported for MW-6 is considered the background level for this event.
B: Analyte was also detected in an associated method blank. Any such results are considered the result of cross contamination and are not considered exceedances.

: Denotes concentration exceeds GWI-PL
: Denotes RL exceeds or equal to GWI-PL and/or BASELINE.

TABLE 7C
MONITORING WELL GROUNDWATER DATA SUMMARY – SEPTEMBER 18, 2020: SECONDARY PARAMETERS
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-1				MW-2				MW-3				MW-4				MW-5				MW-6			
			LAB ID:	L2039431-01				L2039431-02				L2039431-03				L2039431-04				L2039431-05				L2039431-06			
			DATE:	9/18/2020				9/18/2020				9/18/2020				9/18/2020				9/18/2020				9/18/2020			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0				25.0-30.0				2.0-12.0			
			MATRIX:	WATER				WATER				WATER				WATER				WATER				WATER			
		GWI-PL	BASELINE																								
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																											
Arsenic, Total	7440-38-2	3	7.63	2.518		2.5	0.825	1.48	J	2.5	0.825	2.658		2.5	0.825	ND		2.5	0.825	14.79		2.5	0.825	11.84		2.5	0.825
Iron, Total	7439-89-6	20	17800	3860		350	95.5	3080		350	95.5	3440		350	95.5	870		350	95.5	9680		350	95.5	15800		350	95.5
GENERAL CHEMISTRY																											
Alkalinity, Total	471-34-1		124000	110000		5000	NA	91100		5000	NA	85100		5000	NA	80500		5000	NA	21400		5000	NA	117000		5000	NA
Nitrogen, Nitrite	NONE	10	61.8	39.9	J	50	13.2	ND		50	13.2	ND		50	13.2	ND		50	13.2	ND		50	13.2	28.1	J	50	13.2
Nitrogen, Nitrate	14797-55-8	100	314	140		100	22.8	261		100	22.8	156		100	22.8	74.7	J	100	22.8	24.9	J	100	22.8	290		100	22.8
Sulfate	14808-79-8	5000	31000	ND		50000	6800	ND		25000	3400	ND		20000	2700	ND		20000	2700	ND		10000	1400	ND		50000	6800

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
BASELINE: Highest concentration reported prior to in situ treatment during the March 13, 2020 Sampling event.

: Denotes concentration exceeds GWI-PL and BASELINE.
: Denotes RL exceeds or equal to GWI-PL and/or BASELINE.

TABLE 8A
MONITORING WELL GROUNDWATER DATA SUMMARY – DECEMBER 18, 2020: VOCs
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-6 (Background)				MW-1				MW-2				MW-3				MW-4				MW-5				FIELD BLANK				TRIP BLANK			
			LAB ID:	L2056917-06				L2056917-01				L2056917-02				L2056917-03				L2056917-04				L2056917-05				L2056917-07				L2056917-08			
			DATE:	12/18/2020				12/18/2020				12/18/2020				12/18/2020				12/18/2020				12/18/2020				12/18/2020				12/17/2020			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0				25.0-30.0				N/A				N/A			
			MATRIX:	WATER				WATER				WATER				WATER				WATER				WATER				Field Blank				Trip Blank (aqueous)			
		GWI-PL	GWVISL																																
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS																																			
1,2-Dibromo-3-chloropropane	96-12-8	0.02		ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35	ND		2.5	0.35
1,4-Dioxane	123-91-1	0.1	2500	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61
1,2-Dibromoethane	106-93-4	0.03	0.45	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19	ND		2	0.19
Methylene chloride	75-09-2	1	2600	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68	ND		2.5	0.68
1,1-Dichloroethane	75-34-3	1		ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21	ND		0.75	0.21
Chloroform	67-66-3	1	1000	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22	ND		0.75	0.22
Carbon tetrachloride	56-23-5	1	1	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloropropane	78-87-5	1	11	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14
Dibromochloromethane	124-48-1	1		ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15
1,1,2-Trichloroethane	79-00-5	2		ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14	ND		0.75	0.14
Tetrachloroethene	127-18-4	1	36	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Chlorobenzene	108-90-7	1	770	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
Trichlorofluoromethane	75-69-4	1		ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16	ND		2.5	0.16
1,2-Dichloroethane	107-06-2	2	230	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13
1,1,1-Trichloroethane	71-55-6	1	13000	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Bromodichloromethane	75-27-4	1		ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
trans-1,3-Dichloropropene	10061-02-6			ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
cis-1,3-Dichloropropene	10061-01-5			ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
1,3-Dichloropropene, Total	542-75-6	1	8.4	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14
Bromoform	75-25-2	0.8		ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25	ND		2	0.25
1,1,2,2-Tetrachloroethane	79-34-5	1		ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
Benzene	71-43-2	1	23	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Toluene	108-88-3	1	330000	ND		0.75	0.2	ND		0.75	0.2	ND		0.75	0.2	0.48	J	0.75	0.2	ND		0.75	0.2	0.24	J	0.75	0.2	ND		0.75	0.2	ND		0.75	0.2
Ethylbenzene	100-41-4	2	700	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
Chloromethane	74-87-3		240	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2	ND		2.5	0.2
Bromomethane	74-83-9	1	20	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26	ND		1	0.26
Vinyl chloride	75-01-4	1	1	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07	ND		0.2	0.07
Chloroethane	75-00-3		26000	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13	ND		1	0.13
1,1-Dichloroethene	75-35-4	1	26	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17
trans-1,2-Dichloroethene	156-60-5	1		ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16	ND		0.75	0.16
Trichloroethene	79-01-6	1	3	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18	ND		0.5	0.18
1,2-Dichlorobenzene	95-50-1	5	6800	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18	ND		2.5	0.18
1,3-Dichlorobenzene	541-73-1	5		ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19
1,4-Dichlorobenzene	106-46-7	5	21000	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19	ND		2.5	0.19
Methyl tert butyl ether	1634-04-4	1	690	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17	ND		1	0.17
p/m-Xylene	179601-23-1			ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33
o-Xylene	95-47-6			ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39	ND		1	0.39
Xylenes, Total	1330-20-7	2	7800	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33	ND		1	0.33
cis-1,2-Dichloroethene	156-59-2	1		ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
1,2-Dichloroethene, Total	540-59-0			ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16
Styrene	100-42-5	2	180000	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36	ND		1	0.36
Dichlorodifluoromethane	75-71-8	2		ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24	ND		5	0.24
Acetone	67-64-1	10		26		5	1.5	7.8		5	1.5	20		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5
Carbon disulfide	75-15-0	1	1500	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3	ND		5	0.3
2-Butanone	78-93-3	2	2500000	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9
4-Methyl-2-pentanone	108-10-1		900000	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42	ND		5	0.42
2-Hexanone	591-78-6	1		ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52	ND		5	0.52
Bromochloromethane	74-97-5			ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15
Isopropylbenzene	98-82-8	1		ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19
1,2,3-Trichlorobenzene	87-61-6			ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23	ND		2.5	0.23
1,2,4-Trichlorobenzene	120-82-1	1	130	ND		2.5	0.22	0.57	J	2.5	0.22	0.26	J	2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22	ND		2.5	0.22
Methyl Acetate	79-20-9	0.5		ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23
Cyclohexane	110-82-7		16000	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27
Methyl cyclohexane	108-87-2			ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4
Freon-113	76-13-1	0.3	20000	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15	ND		2.5	0.15
Total VOCs				26	-	-	-	8.37	-	-	-	20.26	-	-	-	0.48	-	-	-	-	-	-	-	0.24	-	-	-	-	-	-	-	-	-	-	-
VOLATILE ORGANICS BY GC/MS-TIC																																			
Sulfur Dioxide	007446-09-5	*		1.36	NJ	0	0	-		-	-	-		-	-	-		-	-	-		-	-	1.52	NJ	0	0	-		-	-	1.24	NJ	0	0
Unknown		*		-		-	-	1.02	J	0	0	1.07	J	0	0	-		-	-	-		-	-	-		-	-	1.14	J	0	0	-		-	-
Total TIC Compounds				1.36	J	0	0	1.02	J	0	0	1.07	J	0	0	ND		0	0	ND		0	0	1.52	J	0	0	1.14	J	0	0	1.24	J	0	0

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
GWVISL: NJ Groundwater Vapor Intrusion Screening Levels per May 2021 Version 5.0 Guidance Document.
*: GWI-PL is defined as background for TICs. Concentration reported for MW-6 is considered the background level for this event.

: Denotes concentration exceeds GWI-PL
: Denotes RL exceeds or equal to GWI-PL and/or BASELINE.

TABLE 8B
MONITORING WELL GROUNDWATER DATA SUMMARY – DECEMBER 18, 2020: BNs
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-6 (Background)				MW-1				MW-2				MW-3				MW-4				MW-5			
			LAB ID:	L2056917-06				L2056917-01				L2056917-02				L2056917-03				L2056917-04				L2056917-05			
			DATE:	12/18/2020				12/18/2020				12/18/2020				12/18/2020				12/18/2020				12/18/2020			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0				25.0-30.0			
			MATRIX:	WATER				WATER				WATER				WATER				WATER				WATER			
		GWI-PL	GWVISL																								
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
BASE/NEUTRAL EXTRACTABLES BY GC/MS- WESTBOROUGH LAB																											
Acenaphthene	83-32-9	10		ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44
Bis(2-chloroethyl)ether	111-44-4	7		ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5
2-Chloronaphthalene	91-58-7	10		ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44	ND		2	0.44
2,4-Dinitrotoluene	121-14-2	10		ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
2,6-Dinitrotoluene	606-20-2	10		ND		5	0.93	ND		5	0.93	ND		5	0.93	ND		5	0.93	ND		5	0.93	ND		5	0.93
Fluoranthene	206-44-0	10		ND		2	0.26	ND		2	0.26	ND		2	0.26	ND		2	0.26	ND		2	0.26	ND		2	0.26
4-Chlorophenyl phenyl ether	7005-72-3			ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49
Bis(2-chloroisopropyl)ether	108-60-1	10		ND		2	0.53	ND		2	0.53	ND		2	0.53	ND		2	0.53	ND		2	0.53	ND		2	0.53
Bis(2-chloroethoxy)methane	111-91-1			ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5
Hexachlorocyclopentadiene	77-47-4	0.5		ND		20	0.69	ND		20	0.69	ND		20	0.69	ND		20	0.69	ND		20	0.69	ND		20	0.69
Hexachloroethane	67-72-1	7		ND		2	0.58	ND		2	0.58	ND		2	0.58	ND		2	0.58	ND		2	0.58	ND		2	0.58
Isophorone	78-59-1	10		ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
Naphthalene	91-20-3	2	300	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46
Nitrobenzene	98-95-3	6		ND		2	0.77	ND		2	0.77	ND		2	0.77	ND		2	0.77	ND		2	0.77	ND		2	0.77
NDPA/DPA	86-30-6	10		ND		2	0.42	ND		2	0.42	ND		2	0.42	ND		2	0.42	ND		2	0.42	ND		2	0.42
n-Nitrosodi-n-propylamine	621-64-7			ND		5	0.64	ND		5	0.64	ND		5	0.64	ND		5	0.64	ND		5	0.64	ND		5	0.64
Bis(2-ethylhexyl)phthalate	117-81-7	3		ND		3	1.5	ND		3	1.5	ND		3	1.5	ND		3	1.5	ND		3	1.5	ND		3	1.5
Butyl benzyl phthalate	85-68-7	1		ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2	ND		5	1.2
Di-n-butylphthalate	84-74-2	1		ND		5	0.39	ND		5	0.39	ND		5	0.39	ND		5	0.39	ND		5	0.39	ND		5	0.39
Di-n-octylphthalate	117-84-0	10		ND		5	1.3	ND		5	1.3	ND		5	1.3	ND		5	1.3	ND		5	1.3	ND		5	1.3
Diethyl phthalate	84-66-2	1		ND		5	0.38	ND		5	0.38	ND		5	0.38	ND		5	0.38	ND		5	0.38	ND		5	0.38
Dimethyl phthalate	131-11-3			ND		5	1.8	ND		5	1.8	ND		5	1.8	ND		5	1.8	ND		5	1.8	ND		5	1.8
Chrysene	218-01-9	0.2		ND		2	0.34	ND		2	0.34	ND		2	0.34	ND		2	0.34	ND		2	0.34	ND		2	0.34
Acenaphthylene	208-96-8			ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46
Anthracene	120-12-7	10		ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33
Benzo(ghi)perylene	191-24-2			ND		2	0.3	ND		2	0.3	ND		2	0.3	ND		2	0.3	ND		2	0.3	ND		2	0.3
Fluorene	86-73-7	1		ND		2	0.41	ND		2	0.41	ND		2	0.41	ND		2	0.41	ND		2	0.41	ND		2	0.41
Phenanthrene	85-01-8			ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33	ND		2	0.33
Pyrene	129-00-0	0.1		ND		2	0.28	ND		2	0.28	ND		2	0.28	ND		2	0.28	ND		2	0.28	ND		2	0.28
4-Chloroaniline	106-47-8	10		ND		5	1.1	ND		5	1.1	ND		5	1.1	ND		5	1.1	ND		5	1.1	ND		5	1.1
2-Nitroaniline	88-74-4			ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5	ND		5	0.5
3-Nitroaniline	99-09-2			ND		5	0.81	ND		5	0.81	ND		5	0.81	ND		5	0.81	ND		5	0.81	ND		5	0.81
4-Nitroaniline	100-01-6			ND		5	0.8	ND		5	0.8	ND		5	0.8	ND		5	0.8	ND		5	0.8	ND		5	0.8
Dibenzofuran	132-64-9			ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5	ND		2	0.5
2-Methylnaphthalene	91-57-6	10		ND		2	0.45	ND		2	0.45	ND		2	0.45	ND		2	0.45	ND		2	0.45	ND		2	0.45
Carbazole	86-74-8			ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49	ND		2	0.49
4-Bromophenyl phenyl ether	101-55-3			ND		2	0.38	ND		2	0.38	ND		2	0.38	ND		2	0.38	ND		2	0.38	ND		2	0.38
3,3'-Dichlorobenzidine	91-94-1	30		ND		5	1.6	ND		5	1.6	ND		5	1.6	ND		5	1.6	ND		5	1.6	ND		5	1.6
Benzaldehyde	100-52-7			ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53
Acetophenone	98-86-2	10		ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53	ND		5	0.53
Caprolactam	105-60-2	60		ND		10	3.3	ND		10	3.3	ND		10	3.3	ND		10	3.3	ND		10	3.3	ND		10	3.3
Biphenyl	92-52-4	10		ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46	ND		2	0.46
1,2,4,5-Tetrachlorobenzene	95-94-3			ND		10	0.44	ND		10	0.44	ND		10	0.44	ND		10	0.44	ND		10	0.44	ND		10	0.44
Atrazine	1912-24-9	0.1		ND		3	0.76	ND		3	0.76	ND		3	0.76	ND		3	0.76	ND		3	0.76	ND		3	0.76
BASE/NEUTRAL EXTRACTABLES BY GC/MS- WESTBOROUGH LAB-TIC																											
Unknown Organic Acid		*		2.36	J	0	0	3.67	J	0	0	2.47	J	0	0	-		-	-	-		-	-	2.11	J	0	0
Unknown		*		1.56	J	0	0	1.49	J	0	0	-		-	-	1.49	J	0	0	1.74	J	0	0	1.56	J	0	0
Unknown		*		1.6	J	0	0	2	J	0	0	-		-	-	-		-	-	2.22	J	0	0	-		-	-
Unknown		*		2.47	J	0	0	-		-	-	-		-	-	-		-	-	1.78	J	0	0	-		-	-
Unknown		*		1.64	J	0	0	-		-	-	-		-	-	-		-	-	2	J	0	0	-		-	-
Unknown		*		2.25	J	0	0	-		-	-	-		-	-	-		-	-	-		-	-	-		-	-
Unknown		*		2.33	J	0	0	8.14	J	0	0	2.91	J	0	0	1.56	J	0	0	2.25	J	0	0	3.49	J	0	0
Unknown		*		1.96	J	0	0	7.45	J	0	0	1.85	J	0	0	1.56	J	0	0	2.14	J	0	0	1.64	J	0	0
Unknown Organic Acid		*		2.69	J	0	0	4.84	J	0	0	2.62	J	0	0	-		-	-	-		-	-	3.09	J	0	0
Unknown Organic Acid		*		-	-	-	-	-		-	-	-		-	-	1.64	J	0	0	3.56	J	0	0	-	-	-	-
Unknown Benzene		*		4.36	J	0	0	4.54	J	0	0	2.94	J	0	0	2.73	J	0	0	-		-	-	-		-	-
Unknown Alkane		*		-	-	-	-	1.6	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		*		2.47	J	0	0	2.58	J	0	0	-		-	-	-		-	-	-		-	-	-		-	-
Unknown Alkane		*		5.09	J	0	0	5.38	J	0	0	1.6	J	0	0	1.82	J	0	0	-		-	-	-		-	-
Unknown Alkane		*		5.49	J	0	0	5.53	J	0	0	3.45	J	0	0	3.6	J	0	0	-		-	-	-		-	-
Unknown Alcohol		*		-	-	-	-	1.53	J	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane		*		2.22	J	0	0	1.93	J	0	0	3.49	J	0	0	3.93	J	0	0	-		-	-	-		-	-
Total TIC Compounds				38.5	J	0	0	50.7	J	0	0	21.3	J	0	0	18.3	J	0	0	15.7	J	0	0	11.9	J	0	0
BASE/NEUTRAL EXTRACTABLES BY GC/MS-SIM																											
Benzo(a)anthracene	56-55-3	0.1		ND		0.1	0.02	ND		0.1	0.02	0.04	J	0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02
Benzo(a)pyrene	50-32-8	0.1		ND		0.1	0.02	ND		0.1	0.02	0.02	J	0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	205-99-2	0.2		ND		0.1	0.01	ND		0.1	0.01	0.07	J	0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Benzo(k)fluoranthene	207-08-9	0.3		ND		0.1	0.01	ND		0.1	0.01	0.05	J	0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Dibenzo(a,h)anthracene	53-70-3	0.3		ND		0.1	0.01	ND		0.1	0.01	0.06	J	0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Indeno(1,2,3-cd)pyrene	193-39-5	0.2		ND		0.1	0.01	ND		0.1	0.01	0.06	J	0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Hexachlorobenzene	118-74-1	0.02		ND		0.02	0.01	ND		0.02	0.01	ND		0.02	0.01	ND		0.02	0.01	ND		0.02	0.01	ND		0.02	0.01
Hexachlorobutadiene	87-68-3	1		ND		1	0.05	ND		1	0.05	ND		1	0.05	ND		1	0.05	ND		1	0.05	ND		1	0.05

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
GWVISL: NJ Groundwater Vapor Intrusion Screening Levels per May 2021 Version 5.0 Guidance Document.
*: GWI-PL is defined as background for TICs. Concentration reported for MW-6 is considered the background level for this event.

: Denotes concentration exceeds GWI-PL
: Denotes RL exceeds or equal to GWI-PL and/or BASELINE.

TABLE 8C
MONITORING WELL GROUNDWATER DATA SUMMARY – DECEMBER 18, 2020: SECONDARY PARAMETERS
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-1				MW-2				MW-3				MW-4				MW-5				MW-6			
			LAB ID:	L2056917-01				L2056917-02				L2056917-03				L2056917-04				L2056917-05				L2056917-06			
			DATE:	12/18/2020				12/18/2020				12/18/2020				12/18/2020				12/18/2020				12/18/2020			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0				25.0-30.0				2.0-12.0			
			MATRIX:	WATER				WATER				WATER				WATER				WATER				WATER			
		GWI-PL	BASELINE																								
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																											
Arsenic, Total	7440-38-2	3	7.63	1.741		0.5	0.165	1.044		0.5	0.165	2.238		0.5	0.165	1.139		0.5	0.165	0.7841		0.5	0.165	2.169		0.5	0.165
Iron, Total	7439-89-6	20	17800	2750		70	19.1	1490		70	19.1	6630		70	19.1	2850		70	19.1	953		70	19.1	2630		70	19.1
GENERAL CHEMISTRY																											
Alkalinity, Total	471-34-1		124000	93100		2000	NA	95400		2000	NA	72400		2000	NA	2000		2000	NA	45100		2000	NA	94600		2000	NA
Nitrogen, Nitrite	NONE	10	61.8	36.7	J	50	13.2	16.1	J	50	13.2	28	J	50	13.2	ND		50	13.2	ND		50	13.2	80.4		50	13.2
Nitrogen, Nitrate	14797-55-8	100	314	89	J	100	22.8	228		100	22.8	567		100	22.8	ND		100	22.8	ND		100	22.8	76.3	J	100	22.8
Sulfate	14808-79-8	5000	31000	11000	J	50000	6800	4100	J	20000	2700	3900	J	20000	2700	2200	J	10000	1400	7000	J	10000	1400	3500	J	25000	3400

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
BASELINE: Highest concentration reported prior to in situ treatment during the March 13, 2020 Sampling event.

: Denotes concentration exceeds GWI-PL and BASELINE.
: Denotes RL exceeds or equal to GWI-PL and/or BASELINE.

TABLE 9
MONITORING WELL GROUNDWATER DATA SUMMARY – MAY 4, 2021: SECONDARY PARAMETERS
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-1				MW-2				MW-3				MW-4				MW-5				MW-6				FIELD BLANK			
			LAB ID:	L2123134-01				L2123134-02				L2123134-03				L2123134-04				L2123134-05				L2123134-06				L2123134-07			
			DATE:	5/4/2021				5/4/2021				5/4/2021				5/4/2021				5/4/2021				5/4/2021				5/4/2021			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0				25.0-30.0				2.0-12.0				N/A			
			MATRIX:	WATER				WATER				WATER				WATER				WATER				WATER				WATER			
		GWI-PL	BASELINE																												
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																															
Arsenic, Total	7440-38-2	3	7.63	0.8476		0.5	0.165	1.038	J	2.5	0.825	1.384	J	2.5	0.825	0.6181		0.5	0.165	2.308		0.5	0.165	0.8725		0.5	0.165	ND		0.5	0.165
GENERAL CHEMISTRY																															
Nitrogen, Nitrite	NONE	10	61.8	ND		50	13.2	38	J	50	13.2	48.6	J	50	13.2	ND		50	13.2	ND		50	13.2	ND		50	13.2	ND		50	13.2
Nitrogen, Nitrate	14797-55-8	100	314	206		100	22.8	168		100	22.8	179		100	22.8	ND		100	22.8	ND		100	22.8	271		100	22.8	ND		100	22.8

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
BASELINE: Highest concentration reported prior to in situ treatment during the March 13, 2020 Sampling event.

: Denotes concentration exceeds GWI-PL and BASELINE.
: Denotes RL exceeds or equal to GWI-PL and/or BASELINE.

TABLE 10
MONITORING WELL GROUNDWATER DATA SUMMARY – AUGUST 5, 2021: SECONDARY PARAMETERS
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

			ID:	MW-1				MW-2				MW-3				MW-4				MW-5				MW-6				FIELD BLANK			
			LAB ID:	L2142134-01				L2142134-02				L2142134-03				L2142134-04				L2142134-05				L2142134-06				L2142134-07			
			DATE:	8/5/2021				8/5/2021				8/5/2021				8/5/2021				8/5/2021				8/5/2021				8/5/2021			
			DEPTH:	2.0-12.0				2.0-12.0				2.0-12.0				2.0-12.0				25.0-30.0				2.0-12.0				N/A			
			MATRIX:	WATER				WATER				WATER				WATER				WATER				WATER				WATER			
		GWI-PL	BASELINE																												
ANALYTE	CAS	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
GENERAL CHEMISTRY																															
Nitrogen, Nitrite	NONE	10	61.8	24.9	J	50	13.2	ND		50	13.2	ND		50	13.2	ND		50	13.2	ND		50	13.2	ND		50	13.2	ND		50	13.2
Nitrogen, Nitrate	14797-55-8	100	314	320		100	22.8	91.1	J	100	22.8	36.7	J	100	22.8	ND		100	22.8	ND		100	22.8	70.4	J	100	22.8	ND		100	22.8

GWI-PL: NJ Class I-PL Groundwater Quality Criteria per Ground Water Quality Standards amended June 1, 2020.
BASELINE: Highest concentration reported prior to in situ treatment during the March 13, 2020 Sampling event.

: Denotes concentration exceeds GWI-PL and BASELINE.
: Denotes RL exceeds or equal to GWI-PL and/or BASELINE.

APPENDIX A

QUALITY ASSURANCE PROJECT PLAN

PISTOIA TIRE CO. INC.
6380 Black Horse Pike
Hamilton Township, Atlantic County, NJ
NJDEP SRP PI # 026175

Prepared for:

6380 BLACK HORSE PIKE MAYS LANDING LLC
3490 US Route 1, Suite 7B
Princeton, NJ 08540

Prepared by:

LISKO ENVIRONMENTAL, LLC
1300 Main Street, Box 083
Belmar, New Jersey 07719

LISKO ENVIRONMENTAL

Lisko Project # 0064-5

TABLE OF CONTENTS

TABLE

FIGURES

1.0 INTRODUCTION

Lisko Environmental, LLC (LISKO) prepared this submittal for the former Pistoia Tire Co., Inc. property located at 6380 Black Horse Pike, Mays Landing (Hamilton Township), Atlantic County, New Jersey (hereafter referred to as the "Site"). This Quality Assurance Project Plan (QAPP) has been prepared in accordance with the New Jersey Department of Environmental Protection (NJDEP) *Technical Requirements for Site Remediation* (Tech Regs) and applicable Site Remediation Program (SRP) Technical Guidance Documents.

Specifically, the QAPP has been prepared in accordance with N.J.A.C 7:26 E 2.2 and NJDEP *Quality Assurance Project Plan Technical Guidance*, dated April 2014. The area of concern (AOC) is identified in the enclosed table and shown on the attached figure(s). The objective is to sample the soil and groundwater at the AOC in order to determine if there is any impact that is in exceedance of current NJDEP standards for the eventual goal of completing a remedial investigation and remedial action.

The following documents are hereby incorporated into this QAPP and shall be reviewed as necessary prior to implementing this QAPP.

1.1 Table 1-1 - Documents Incorporated by Reference

Document	Identification
N.J.A.C. 7:26E	Technical Regulations for Site Remediation
N.J.A.C. 7:26C	Administrative Requirements for Remediation of Contaminated Sites
EPA QA/G-4, January 2006	Guidance on Systematic Planning Using Data Quality Objective Process
NJDEP Guidance Document	NJDEP Field Sampling Procedures Manual (FSPM), August 2005
NJDEP Guidance Document	Alternative Groundwater Sampling Techniques, July 1994
NJDEP Guidance Document	NJDEP Data of Known Quality Protocols Technical Guidance, April 2014
Site Specific Sample Protocol	See Table 1 - Sample Protocol

2.0 SITE IDENTIFICATION

The following table presents Site Identification information.

2.1 Table 2-1 – Site Identification Information

Tag	Identification
Site Name	Pistoia Tire Co., Inc.
Alternate Names	N/A
Site Address	6380 Black Horse Pike, Mays Landing (Hamilton Township), Atlantic County, NJ
Block/Lot	Block 588 / Lot 19.01
Responsible Party	Deeaar Holdings, LLC
Contact Person	Jonathan Lisko, LSRP for the RP; (732) 996 - 4792
Address	1300 Main Street, PO Box 083, Belmar, New Jersey
Quality Assurance Coordinator	Jonathan Lisko
Health and Safety Coordinator	Jonathan Lisko

Figure 1 presents the location of the site on a USGS topographic map. Figure 2 presents a map of properties and property uses within 200 feet of the Site.

3.0 PROJECT CONTACTS AND DISTRIBUTION LIST

The following table presents key contact information and distribution restrictions.

3.1 Table 3-1 – Project Contacts and Distribution List

Name	Responsibility	Contact Info	Distribute
Jonathan Lisko	LSRP-of-Record	(732) 996-4792	All Docs
Dinkar Ganti	Contract Purchaser Performing Work (Not PRCR)	(732) 842-3700	All Docs

4.0 PROJECT SCOPE

The ultimate goal of this work is to conduct in situ remediation and monitoring activities for petroleum-impacted groundwater underlying the Site. The current project scope includes the following:

- Mobilization of contractors and equipment to the Site;
- Installation temporary and permitted monitoring well;
- Collection of groundwater samples;
- In situ treatment of groundwater utilizing HydroRemed®;
- Collection of performance monitoring groundwater samples;
- Additional ISCO applications and performance monitoring groundwater sampling events, as needed;
- Collection of attainment monitoring groundwater samples;
- Decommissioning of all six monitoring wells following the attainment of groundwater remedial goals and issuance of a Response Action Outcome (RAO).

5.0 DATA QUALITY OBJECTIVES

Data from this event will be utilized for the eventual completion of Remedial Action in accordance with applicable NJDEP regulations and guidance documents. In accordance with the *Site Remediation Reform Act*, N.J.S.A. 58:10C-1 et. seq. (SRRA) and as presented in the Remedial Action Workplan with Discharge to Groundwater Proposal (RAW/DGW) dated October 16, 2019 and prepared by LISKO, the following regulatory citations provide applicable screening and remediation standards for the contaminants of concern presented in this report.

NJAC 7:26E *Technical Requirements for Site Remediation* (Tech Rule) last amended on August 6, 2018 expiring on March 13, 2026, presents the technical requirements for site remediation.

NJAC 7:26D *Remediation Standards*, last amended on September 18, 2017 expiring on April 27, 2022, presents Residential Direct Contact Soil Remediation Standards (RDCSRS) and Non-Residential Direct Contact Soil Remediation Standards (NRDCSRS).

NJAC 7:9C *Groundwater Quality Standards* (GWQS), adopted on March 4, 2014 and last amended on June 1, 2020, presents Class I-PL Specific Groundwater Quality Criteria (GWQC) and Practical Quantitation Levels (PQLs).

Development of Impact to Groundwater Soil Remediation Standards using the Soil Water Partition Equation (Version 2.0 – November 2013) by incorporation from NJAC 7:26D Remediation Standards, expiring on April 27, 2022, presents Default Impact to Groundwater Soil Screening Levels (DIGWSSL).

Vapor Intrusion Technical Guidance (Version 4.1 – January 2018) by incorporation from N.J.A.C 7:26E Technical Requirements for Site Remediation, expiring on May 7, 2019, presents Generic Vapor Intrusion Screening Levels, Rapid Action Levels for Indoor Air and Groundwater Screening Levels for Alternate Soil Textures.

Evaluation of Extractable Petroleum Hydrocarbons in Soil Technical Guidance (Version 1.0 – June 2019) presents extractable petroleum hydrocarbon, naphthalene and 2-methylnaphthalane (2-MN) screening and remediation criteria.

On May 17, 2021, the NJDEP adopted amended *Remediation Standards* at NJAC 7:26D. In accordance with the NJDEP technical memorandum *Phase-In Period Guidance for the Use of Remediation Standards, NJAC 7:26D (Version 2.0, May 2021)*, the person responsible for conducting remediation (PRCR) may use a remediation standard the NJDEP adopted or developed for the soil ingestion-dermal exposure pathway or the soil inhalation exposure pathway pursuant to N.J.S.A. 58:10B-12a, or other authority, that was in effect between September 18, 2017, and May 16, 2021 and (2) may use a site-specific remediation standard or criterion that the Department developed for the migration to ground water exposure pathway and the vapor intrusion pathway under N.J.S.A. 58:10B- 12a, or other authority, between June 2, 2008, and May 16, 2021; if (inclusive):

- The standard is not greater than or equal to an order of magnitude than the otherwise applicable remediation standard adopted in the May 17, 2021 version of the Remediation Standards (N.J.A.C. 7:26D);
- A remedial action workplan or a remedial action report containing standards or criteria developed for the site or an area of concern under N.J.S.A. 58:10B-12a was submitted to the NJDEP between March 19, 2018, and November 17, 2021 (six months after the May 17, 2017 effective date of the rule amendment);
- The remedial action workplan or remedial action report was either approved by the NJDEP or certified by a Licensed Site Remediation Professional; and
- The PRCR completes the remedial action within the applicable remedial action regulatory timeframe pursuant to the Tech Rule.

The standards and criteria identified in Section 1.3.1 all meet the requirements listed above, with the exception of:

- Benzaldehyde (R/NRDCSRS)
- Butylbenzyl phthalate (NRDCSRS)
- Caprolactum (R/NRDCSRS)
- Cobalt (RDCSRS)
- Ethylbenzene (R/NRDCSRS)
- Hexachlorocyclopentadiene (RDCSRS, DIGWSSL)
- Bis(2-ethylhexyl)phthalate (DIGWSSL)
- Copper (DIGWSSL)
- 4,4'-DDE (DIGWSSL)

- 4,4'-DDT (DIGWSSL)
- 1,1-Dichloroethene (R/NR VISL for Indoor Air)

As a result, any compound listed above shall be compared to the applicable *Remediation Standards* adopted on May 17, 2021 for the respective pathway(s) listed in parentheses.

Laboratory qualifications, conformance summaries, and LSRP review shall be relied upon for the purposes of assessing this data. No additional analytical data performance evaluations are proposed at this time.

6.0 PROJECT GOALS

The ultimate goal of this work is to collect groundwater samples at applicable AOCs in order to determine if media has been impacted at concentrations that exceed current NJDEP standards for the eventual completion of Remedial Action. The sample collection and evaluation are anticipated to be conducted in an iterative approach. The scope of work presented herein may or may not represent all samples required to be collected from this site. Additional work will be proposed accordingly.

7.0 AREA OF CONCERN NARRATIVE

The following presents a summary of the areas of concern (AOCs) identified for the purposes of this QAPP. AOC identifications may be subject to change, with AOC additional and deletion upon further investigations.

7.1 AOC-1: UST System (Tank-1 (8,000-gallon unleaded gasoline UST), Tank-2 (8,000-gallon unleaded gasoline UST), Tank-3 (3,000-gallon leaded gasoline UST), Tank-4 (2,000-gallon leaded gasoline UST), Tank-5 (1,000-gallon kerosene UST), Tank-6 (3,000-gallon leaded gasoline UST) with two dispensers and appurtenance piping)

The Site previously contained two 8,000-gallon unleaded gasoline UST, two 3,000-gallon leaded gasoline USTs, one 2,000-gallon leaded gasoline USTs, and one 1,000-gallon kerosene UST that were removed from August 3 to 10, 2018. Several corrosion holes were observed in Tank-3 and Tank-6, and the NJDEP was notified that evidence of a release. NJDEP Incident #18-08-08-1348-30 was assigned to the case. Post-closure soil sample analytical results identified no contaminents of concern (COCs) above applicable NJDEP R/NRDCSRS. Three samples exhibited benzene concentrations in excess of NJDEP DIGWSSLs; however, these samples were collected from within the saturated zone, so no further investigation of the impact to groundwater pathway for soil is required.

On December 17, 2018, a Geoprobe® was utilized to install six temporary monitoring wells at the Site in order to investigate potential groundwater impacts associated with the former USTs. Due to the Site's location within the Pinelands Protection Area, the underlying groundwater is classified as Class I-PL (Protection Area). As a result, the groundwater analytical data was compared against NJDEP practical quatitation levels (PQLs), because no data was available at that time to suggest any COCs are present as background in local groundwater. The data identified select COCs, including benzene, methyl tert butyl ether (MTBE), total xylenes, 2-butanone (MEK), naphthalene, and numerous tentatively identified compounds (TICs) above NJDEP PQLs.

8.0 FIELD DOCUMENTATION AND FIELD INSTRUMENTS

All field documentation is prepared in accordance with Standard Operating Procedures (SOPs), which are in accordance with the NJDEP FSPM dated August 2005.

Groundwater sample collection will involve a Photoionization Detector (PID) for detection of volatile organic compounds, a Water Level Meter to record depth to groundwater, and a Water Quality Meter to record water quality parameters prior to sample collection. All field instruments are used and calibrated in accordance with the manufacturer's recommendations.

All sampling equipment will be decontaminated prior to use, in accordance with the NJDEP FSPM.

9.0 SAMPLE HANDLING AND CHAIN OF CUSTODY

All samples will be collected in pre-cleaned laboratory-grade bottleware provided by Alpha Analytical (ALPHA) of Westborough, Massachusetts (NJDEP Laboratory Certification # MA935) and Mansfield, Massachusetts (NJDEP Laboratory Certification # MA015) or with another certified laboratory yet to be named. Sample containers will be transported in coolers with ice/ice packs to maintain a temperature of equal to or less than 4° C. The samples will be transported to the laboratory under chain of custody procedures within the allotted holding time for samples and trip/field blanks. Samples will be placed directly into the laboratory sample containers using laboratory-grade equipment or clean nitrile gloves.

10.0 ANALYTICAL APPROACH AND PERFORMANCE CRITERIA

Laboratories certified in the analysis of specific parameters/methods shall be used for all analytical work for this project. Analytical approach and performance criteria shall be specified by the regulating authority and followed by the laboratory utilized.

All data utilized for decision-making shall meet the minimum requirements of the Laboratory's Quality Assurance/Quality Control procedures and shall be documented as such with a Conformance/Non-Conformance Summary included with the analytical results report.

The following table presents laboratory contact information.

10.1 Table 10-1 – Laboratory Contact Information

Laboratory Contact	Contact Information	Laboratory
Nadine Yakes	(201) 812-9037	ALPHA

11.0 SAMPLING INFORMATION

11.1 Sample Protocol

Table(s) presenting sample protocols, identifying AOCs, sample locations and analytical methods shall be generated prior to any sampling event. Sample protocol tables shall be available to all sample personnel. The Sample Protocol is presented as Table 1.

11.2 Sample Collection

Samples shall be collected, held and shipped in accordance with the NJDEP FSPM.

11.3 Field Quality Control Measures

Field Quality Control, including trip blanks, field blanks and duplicate samples may be collected for this project. Field and Trip blanks may be collected and analyzed at a frequency of one blank per day. Duplicate samples may be collected at a rate of one duplicate sample per 10 samples collected. QAQC samples may be analyzed for select parameters, matching partial or entire analyses of the blank or target sample.

11.4 Compound Summary

All project action limits by method and matrix are in accordance with NJDEP regulatory standards for the applicable sample matrix. Project quantitation limits denoting analytical sensitivity requirements by methods and matrix are in accordance with the laboratory SOPs.

12.0 DATA REPORTING PROCEDURES

12.1 Laboratory Deliverable Format

Laboratory deliverables shall be in accordance with NJAC 7:26E Appendix A for Reduced Deliverables format with the exception of soil gas samples and river water samples which may require Full Deliverables.

12.2 Laboratory QA/QC Procedures

The certified analytical laboratory shall maintain a Quality Assurance/ Quality Control Procedures manual in accordance with their certification. All QA/QC procedures shall be followed as required.

Verification and usability procedures, including data assessment verses stated data quality objectives shall be summarized in the laboratory SOP.

12.3 Data and Records Management

Data and records management and archive procedures are in accordance with the laboratory standard operating procedure.

This document has been reviewed for its completeness and accuracy. If you have any questions related to this report, please do not hesitate to contact our office at (732) 996 - 4792.

Document Prepared By:

Khalil Abbaszadeh
Project Scientist

Document Reviewed By:

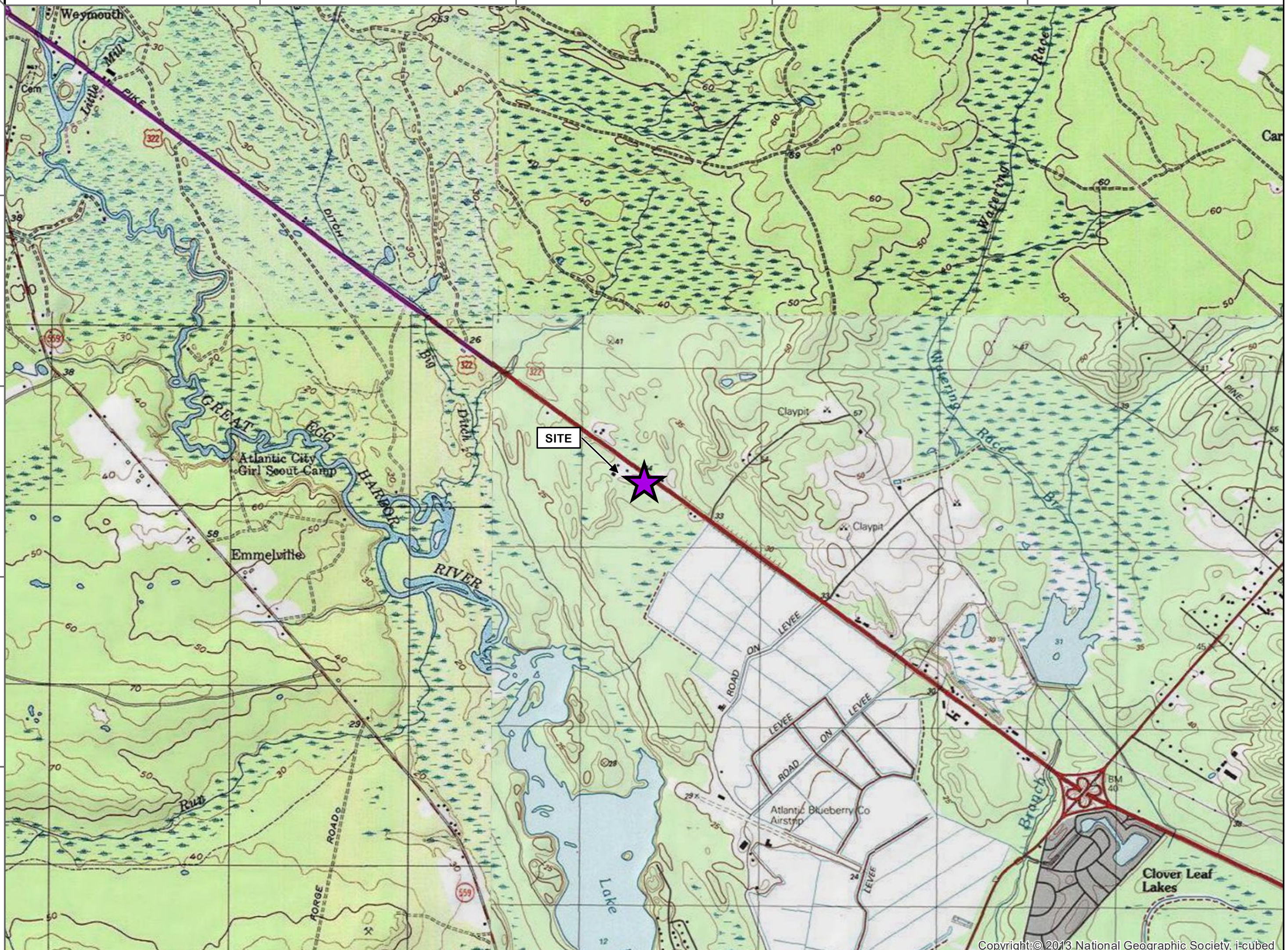
Jonathan Lisko
Principal Scientist

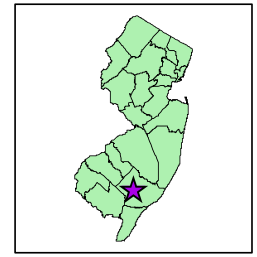
TABLE

TABLE 1
SCOPE OF WORK
PISTOIA TIRE COMPANY, INC.
6380 BLACK HORSE PIKE, HAMILTON TOWNSHIP, ATLANTIC COUNTY, NJ
LISKO PROJECT #0064-5; NJDEP SRP PI # 026175

Sample Location	Matrix	Boring Depth (fbg)	Sampling Method	VOCs	SVOCs	Alkalinity	Nitrate	Nitrite	Iron	Arsenic	Sulfate	Notes
TMW-7	GW	25 - 30	Standard 3-volume purge method	1	1							
MW-1	GW	2 - 12	Standard 3-volume purge method or low flow purge method	1	1	1	1	1	1	1	1	Field parameters: DO, pH, Specific Conductance, Temperature, ORP
MW-2	GW	2 - 12	Standard 3-volume purge method or low flow purge method	1	1	1	1	1	1	1	1	Field parameters: DO, pH, Specific Conductance, Temperature, ORP
MW-3	GW	2 - 12	Standard 3-volume purge method or low flow purge method	1	1	1	1	1	1	1	1	Field parameters: DO, pH, Specific Conductance, Temperature, ORP
MW-4	GW	2 - 12	Standard 3-volume purge method or low flow purge method	1	1	1	1	1	1	1	1	Field parameters: DO, pH, Specific Conductance, Temperature, ORP
MW-5	GW	25 - 30	Standard 3-volume purge method or low flow purge method	1	1	1	1	1	1	1	1	Field parameters: DO, pH, Specific Conductance, Temperature, ORP
MW-6	GW	2 - 12	Standard 3-volume purge method or low flow purge method	1	1	1	1	1	1	1	1	Field parameters: DO, pH, Specific Conductance, Temperature, ORP
Field Blanks, Trip Blanks, One Set Per Day				2								
				8	6	6	6	6	6	6	6	Monitoring wells resampled as need throughout the remedial process.

FIGURES





N
S
W
E

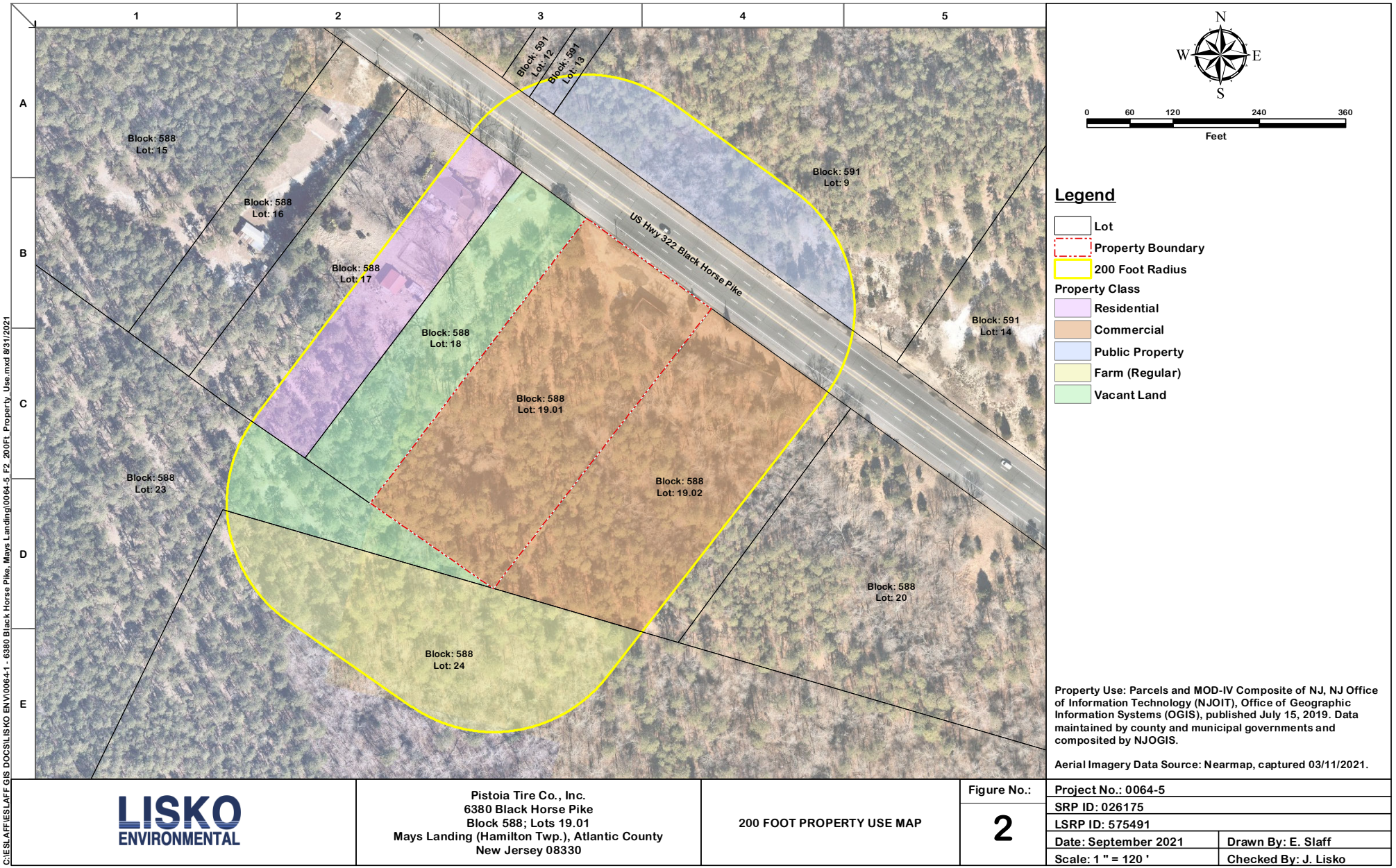
0 1,000 2,000 4,000 6,000
Feet

Legend

Site Location

C:\ESLAFF\ESLAFF GIS DOCS\LISKO ENV\0064-1 - 6380 Black Horse Pike, Mays Landing\0064-5_F1_Property_Vicinity_Map.mxd 8/31/2021

LISKO ENVIRONMENTAL	Pistoia Tire Co., Inc. 6380 Black Horse Pike Block 588; Lots 19.01 Mays Landing (Hamilton Twp.), Atlantic County New Jersey 08330	PROPERTY VICINITY MAP	Figure No.: 1	Project No.: 0064-5 SRP ID: 026175 LSRP ID: 575491 Date: September 2021 / Drawn By: E. Slaff Scale: 1 " = 2,000 ' / Checked By: J. Lisko



N
W
E
S

0 60 120 240 360
Feet

Legend

- Lot
- Property Boundary
- 200 Foot Radius

Property Class

- Residential
- Commercial
- Public Property
- Farm (Regular)
- Vacant Land

Property Use: Parcels and MOD-IV Composite of NJ, NJ Office of Information Technology (NJOIT), Office of Geographic Information Systems (OGIS), published July 15, 2019. Data maintained by county and municipal governments and composited by NJOGIS.

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

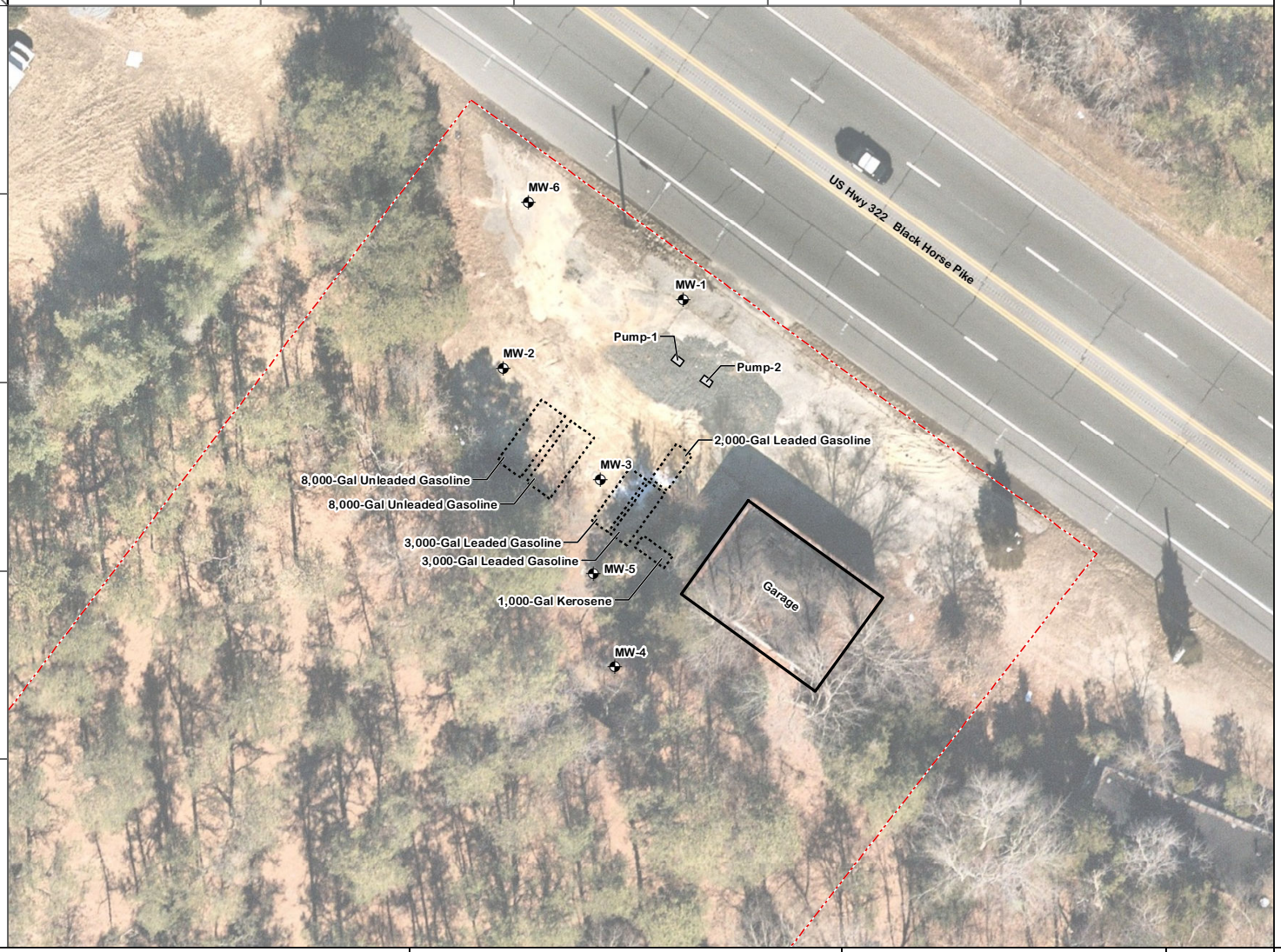
Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

200 FOOT PROPERTY USE MAP

Figure No.: 2

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 120 ' | Checked By: J. Lisko

C:\ESLAFF\ESLAFF GIS DOCS\LISKO ENV\0064-1 - 6380 Black Horse Pike, Mays Landing\0064-5_F2_200Ft_Property_Use.mxd 8/31/2021



N
W E
S

0 15 30 60 90
Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Monitoring Well

Aerial Imagery Data Source: Nearmap, captured 03/11/2021.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

GENERALIZED DIAGRAM OF THE SITE

Figure No.: 3

Project No.: 0064-5
SRP ID: 026175
LSRP ID: 575491
Date: September 2021 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

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N
W E
S

0 15 30 60 90
Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Monitoring Well
- Temporary Monitoring Well
- Proposed Injection Point
- Injection Radius of Influence (15')

Aerial Imagery Data Source:
NJ Office of Information Technology (NJOIT),
Office of Geographic Information Systems (OGIS), 2015.

C:\ESLAFF\ESLAFF GIS DOCS\LISKO ENV\0064-1 - 6380 Black Horse Pike, Mays Landing\0064-3 MXDs\F8_Treatment Areas.mxd 9/11/2019

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

SITE MAP WITH PROPOSED TREATMENT AREAS

Figure No.: 4

Project No.: 0064-3
SRP ID: 026175
LSRP ID: 575491
Date: September 2019 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

APPENDIX B

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Well Permitting
Mail Code 401-04Q PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E201905859

WELL PERMIT

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

Certifying Driller: PATRICK HANLEY, MONITORING LICENSE # 525921

Permit Issued to: ECO DRILLING ENVIRONMENTAL SERVICES LLC

Company Address: 1631 PARTRIDGE ST TOMS RIVER, NJ 08753

PROPERTY OWNER

Name: PISTOIA, RALPH N & ELSIE R PISTOIA, RALPH N & ELSIE R

Organization: PISTOIA, RALPH N & ELSIE R

Address: 1615 MAGNOLIA

City: Williamstown State: New Jersey Zip Code: 08094

PROPOSED WELL LOCATION

Facility Name: PISTOIA, RALPH N & ELSIE

Address: 6380 Black Horse Pike

County: Atlantic Municipality: Hamilton Twp Lot: 19.01 Block: 588

Easting (X): 424044 Northing (Y): 240096
Coordinate System: NJ State Plane (NAD83) - USFEET

Local ID: MW-1

SITE CHARACTERISTICS

PROPOSED CONSTRUCTION

WELL USE: MONITORING

Other Use(s):

Diameter (in.): 2

Regulatory Program Requiring Wells/Borings:

Depth (ft.): 15

Case ID Number:

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Hollow Stem Augers

Attachments:

SPECIFIC CONDITIONS/REQUIREMENTS

Approval Date: June 4, 2019
Expiration Date: June 3, 2020

Approved by the authority of:
Catherine R. McCabe
Commissioner

Terry D. Pilawski

Terry Pilawski, Chief
Bureau of Water Allocation and Well Permitting

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Wells
PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E201905859

WELL PERMIT

New Well

DEVIATION INFORMATION	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

GENERAL CONDITIONS/REQUIREMENTS
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit.[N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Well Permitting
Mail Code 401-04Q PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E201905859

MONITORING WELL RECORD

PROPERTY OWNER: PISTOIA, RALPH N & ELSIE R PISTOIA, RALPH N & ELSIE R

Company/Organization: PISTOIA, RALPH N & ELSIE R

Address: 1615 MAGNOLIA Williamstown, New Jersey 08094

WELL LOCATION: PISTOIA, RALPH N & ELSIE

Address: 6380 Black Horse Pike

County: Atlantic Municipality: Hamilton Twp Lot: 19.01 Block: 588

Easting (X): 424044 Northing (Y): 240096
Coordinate System: NJ State Plane (NAD83) - USFEET

DATE WELL STARTED: June 6, 2019

DATE WELL COMPLETED: June 6, 2019

WELL USE: MONITORING

Other Use(s):

Local ID: MW-1

WELL CONSTRUCTION

Total Depth Drilled (ft.): 12 Finished Well Depth (ft.): 12 Well Surface: Flush Mount

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	12	8		
Casing	0	2	2	PVC	Sch-40
Screen	2	12	2	PVC	.010

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	1	8	2	2.50	47	4
Gravel Pack	1	12	8	2	Morrie # 1		

Grouting Method: Gravity method Drilling Method: Hollow Stem Augers

ADDITIONAL INFORMATION

Protective Casing: Yes
Static Water Level: 3 ft. below land surface
Water Level Measure Tool: M-Scope
Well Development Period: 1 hrs.
Method of Development: Sub-Pump
Pump Type:

Pump Capacity: _ gpm
Total Design Head: _ ft.
Drilling Fluid:
Drill Rig: GeoProbe 6610DT
Health and Safety Plan Submitted? No

ATTACHMENTS:

GEOLOGIC LOG

0 - 12: Brown GW - Well-graded gravels and gravel-sand mixtures, little or no fines

ADDITIONAL INFORMATION:

Driller of Record: Patrick Hanley, MONITORING LICENSE # 525921 Company: ECO DRILLING ENVIRONMENTAL SERVICES LLC

New Jersey Department of Environmental Protection
Site Remediation Program

Monitoring Well Certification Form B - Location Certification

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Pistoia Tire Co Inc

List all AKAs:

Street Address: 6380 Black Horse Pike

Municipality: Egg Harbor Township (Township, Borough or City)

County: Atlantic County Zip Code: 08234

Program Interest (PI) Number(s): 026175 Case Tracking Number(s): 146486;18-08-08-1348-30

SECTION B. WELL OWNER AND LOCATION

1. Name of Well Owner Deeaar Holdings, LLC
2. Well Location (Street Address) 6380 Black Horse Pike
3. Well Location (Municipal Block and Lot) Block# 588 Lot # 19.01

SECTION C. WELL LOCATION SPECIFICS

1. Well Permit Number (This number must be permanently affixed to the well casing): E201905859
2. Site Well Number (As shown on application or plans): MW # 1
3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:
   Latitude: North 39° 29' 30.69" Longitude: West 74° 44' 24.75"
4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:
   North 239924 East 424338
5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 32.11
   Elevation Top of Outer casing: 32.67 Elevation of ground: 32.70
   Check one: ☒ NAVD 88 ☐ NVGD29 ☐ On Site Datum ☐ Other
6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).
   DM6012 (NAVD88)
7. Significant observations and notes:

SECTION D. LAND SURVEYOR'S CERTIFICATION

SEAL

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Professional Land Surveyor's Signature: Date 6-25-19

Surveyor's Name: Thomas J. Murphy, PLS License Number: 24GS03720700

Firm Name: DW Smith Associates, LLC Certificate of Authorization #:

Mailing Address 1450 State Route 34

City/Town: Wall Township State NJ Zip Code: 07753

Phone Number 732-363-5850 Ext.: 109 Fax: 732-905-8669

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Well Permitting
Mail Code 401-04Q PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E201905860

WELL PERMIT

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

Certifying Driller: PATRICK HANLEY, MONITORING LICENSE # 525921

Permit Issued to: ECO DRILLING ENVIRONMENTAL SERVICES LLC

Company Address: 1631 PARTRIDGE ST TOMS RIVER, NJ 08753

PROPERTY OWNER

Name: PISTOIA, RALPH N & ELSIE R PISTOIA, RALPH N & ELSIE R

Organization: PISTOIA, RALPH N & ELSIE R

Address: 1615 MAGNOLIA

City: Williamstown State: New Jersey Zip Code: 08094

PROPOSED WELL LOCATION

Facility Name: PISTOIA, RALPH N & ELSIE

Address: 6380 Black Horse Pike

County: Atlantic Municipality: Hamilton Twp Lot: 19.01 Block: 588

Easting (X): 423963 Northing (Y): 240071
Coordinate System: NJ State Plane (NAD83) - USFEET

Local ID: MW-2

SITE CHARACTERISTICS

PROPOSED CONSTRUCTION

WELL USE: MONITORING

Other Use(s):

Diameter (in.): 2

Regulatory Program Requiring Wells/Borings:

Depth (ft.): 15

Case ID Number:

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Hollow Stem Augers

Attachments:

SPECIFIC CONDITIONS/REQUIREMENTS

Approval Date: June 4, 2019
Expiration Date: June 3, 2020

Approved by the authority of:
Catherine R. McCabe
Commissioner

Terry D. Pilawski

Terry Pilawski, Chief
Bureau of Water Allocation and Well Permitting

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Wells
PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E201905860

WELL PERMIT

New Well

DEVIATION INFORMATION	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

GENERAL CONDITIONS/REQUIREMENTS
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit.[N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Well Permitting
Mail Code 401-04Q PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E201905860

MONITORING WELL RECORD

PROPERTY OWNER: PISTOIA, RALPH N & ELSIE R PISTOIA, RALPH N & ELSIE R

Company/Organization: PISTOIA, RALPH N & ELSIE R

Address: 1615 MAGNOLIA Williamstown, New Jersey 08094

WELL LOCATION: PISTOIA, RALPH N & ELSIE

Address: 6380 Black Horse Pike

County: Atlantic Municipality: Hamilton Twp Lot: 19.01 Block: 588

Easting (X): 423963 Northing (Y): 240071
Coordinate System: NJ State Plane (NAD83) - USFEET

DATE WELL STARTED: June 6, 2019

DATE WELL COMPLETED: June 6, 2019

WELL USE: MONITORING

Other Use(s):

Local ID: MW-2

WELL CONSTRUCTION

Total Depth Drilled (ft.): 12 Finished Well Depth (ft.): 12 Well Surface: Flush Mount

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	12	8		
Casing	0	2	2	PVC	sch-40
Screen	2	12	2	pvc	.010

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	1	8	2	2.50	47	4
Gravel Pack	1	12	8	2	morrie #1		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Hollow Stem Augers

ADDITIONAL INFORMATION

Protective Casing: Yes
Static Water Level: 3 ft. below land surface
Water Level Measure Tool: m-Scope
Well Development Period: 1 hrs.
Method of Development: Sub-Pump
Pump Type:

Pump Capacity: _ gpm
Total Design Head: _ ft.
Drilling Fluid:
Drill Rig: 6610DT
Health and Safety Plan Submitted? Yes

ATTACHMENTS:

GEOLOGIC LOG

0 - 12: brown GW - Well-graded gravels and gravel-sand mixtures, little or no fines

ADDITIONAL INFORMATION:

Driller of Record: Patrick Hanley, MONITORING LICENSE # 525921 Company: ECO DRILLING ENVIRONMENTAL SERVICES LLC

New Jersey Department of Environmental Protection
Site Remediation Program

Monitoring Well Certification Form B - Location Certification

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Pistoia Tire Co Inc

List all AKAs:

Street Address: 6380 Black Horse Pike

Municipality: Egg Harbor Township (Township, Borough or City)

County: Atlantic County Zip Code: 08234

Program Interest (PI) Number(s): 026175 Case Tracking Number(s): 146486;18-08-08-1348-30

SECTION B. WELL OWNER AND LOCATION

1. Name of Well Owner Deeaar Holdings, LLC
2. Well Location (Street Address) 6380 Black Horse Pike
3. Well Location (Municipal Block and Lot) Block# 588 Lot # 19.01

SECTION C. WELL LOCATION SPECIFICS

1. Well Permit Number (This number must be permanently affixed to the well casing): E201905860
2. Site Well Number (As shown on application or plans): MW # 2
3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:
   Latitude: North 39° 29' 30.50" Longitude: West 74° 44' 25.39"
4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:
   North 239905 East 424288
5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 33.56
   Elevation Top of Outer casing: 34.08 Elevation of ground: 33.83
   Check one: ☒ NAVD 88 ☐ NVGD29 ☐ On Site Datum ☐ Other
6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).
   DM6012 (NAVD88)
7. Significant observations and notes:

SECTION D. LAND SURVEYOR'S CERTIFICATION

SEAL

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Professional Land Surveyor's Signature: Thomas J. Murphy Date 6-25-19

Surveyor's Name: Thomas J. Murphy, PLS License Number: 24GS03720700

Firm Name: DW Smith Associates, LLC Certificate of Authorization #:

Mailing Address 1450 State Route 34

City/Town: Wall Township State NJ Zip Code: 07753

Phone Number 732-363-5850 Ext.: 109 Fax: 732-905-8669

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Well Permitting
Mail Code 401-04Q PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E201905861

WELL PERMIT

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

Certifying Driller: PATRICK HANLEY, MONITORING LICENSE # 525921

Permit Issued to: ECO DRILLING ENVIRONMENTAL SERVICES LLC

Company Address: 1631 PARTRIDGE ST TOMS RIVER, NJ 08753

PROPERTY OWNER

Name: PISTOIA, RALPH N & ELSIE R PISTOIA, RALPH N & ELSIE R

Organization: PISTOIA, RALPH N & ELSIE R

Address: 1615 MAGNOLIA

City: Williamstown State: New Jersey Zip Code: 08094

PROPOSED WELL LOCATION

Facility Name: PISTOIA, RALPH N & ELSIE

Address: 6380 Black Horse Pike

County: Atlantic Municipality: Hamilton Twp Lot: 19.01 Block: 588

Easting (X): 424033 Northing (Y): 240011
Coordinate System: NJ State Plane (NAD83) - USFEET

Local ID: MW-3

SITE CHARACTERISTICS

PROPOSED CONSTRUCTION

WELL USE: MONITORING

Other Use(s):

Diameter (in.): 2

Regulatory Program Requiring Wells/Borings:

Depth (ft.): 15

Case ID Number:

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Hollow Stem Augers

Attachments:

SPECIFIC CONDITIONS/REQUIREMENTS

Terry D. Pilawski

Approval Date: June 4, 2019
Expiration Date: June 3, 2020

Approved by the authority of:
Catherine R. McCabe
Commissioner

Terry Pilawski, Chief
Bureau of Water Allocation and Well Permitting

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Wells
PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E201905861

WELL PERMIT

New Well

DEVIATION INFORMATION	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

GENERAL CONDITIONS/REQUIREMENTS
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit.[N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Well Permitting
Mail Code 401-04Q PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E201905861

MONITORING WELL RECORD

PROPERTY OWNER: PISTOIA, RALPH N & ELSIE R PISTOIA, RALPH N & ELSIE R

Company/Organization: PISTOIA, RALPH N & ELSIE R

Address: 1615 MAGNOLIA Williamstown, New Jersey 08094

WELL LOCATION: PISTOIA, RALPH N & ELSIE

Address: 6380 Black Horse Pike

County: Atlantic Municipality: Hamilton Twp Lot: 19.01 Block: 588

Easting (X): 424033 Northing (Y): 240011
Coordinate System: NJ State Plane (NAD83) - USFEET

DATE WELL STARTED: June 6, 2019

DATE WELL COMPLETED: June 6, 2019

WELL USE: MONITORING

Other Use(s):

Local ID: MW-3

WELL CONSTRUCTION

Total Depth Drilled (ft.): 12 Finished Well Depth (ft.): 12 Well Surface: Flush Mount

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	12	8		
Casing	0	2	2	PVC	sch-40
Screen	2	12	2	pvc	.010

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	2	8	2	2.50	47	4
Gravel Pack	2	12	8	2	Morrie #1		

Grouting Method: Gravity method Drilling Method: Hollow Stem Augers

ADDITIONAL INFORMATION

Protective Casing: Yes
Static Water Level: 3 ft. below land surface
Water Level Measure Tool: m-Scope
Well Development Period: 1 hrs.
Method of Development: sub-Pump
Pump Type:

Pump Capacity: _ gpm
Total Design Head: _ ft.
Drilling Fluid:
Drill Rig: 6610DT
Health and Safety Plan Submitted? Yes

ATTACHMENTS:

GEOLOGIC LOG

0 - 12: brown GW - Well-graded gravels and gravel-sand mixtures, little or no fines

ADDITIONAL INFORMATION:

Driller of Record: Patrick Hanley, MONITORING LICENSE # 525921 Company: ECO DRILLING ENVIRONMENTAL SERVICES LLC

New Jersey Department of Environmental Protection
Site Remediation Program

Monitoring Well Certification Form B - Location Certification

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Pistoia Tire Co Inc

List all AKAs:

Street Address: 6380 Black Horse Pike

Municipality: Egg Harbor Township (Township, Borough or City)

County: Atlantic County Zip Code: 08234

Program Interest (PI) Number(s): 026175 Case Tracking Number(s): 146486;18-08-08-1348-30

SECTION B. WELL OWNER AND LOCATION

1. Name of Well Owner Deeaar Holdings, LLC
2. Well Location (Street Address) 6380 Black Horse Pike
3. Well Location (Municipal Block and Lot) Block# 588 Lot # 19.01

SECTION C. WELL LOCATION SPECIFICS

1. Well Permit Number (This number must be permanently affixed to the well casing): E201905861
2. Site Well Number (As shown on application or plans): MW # 3
3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:
   Latitude: North 39° 29' 30.20" Longitude: West 74° 44' 25.04"
4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:
   North 239874 East 424315
5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 33.02
   Elevation Top of Outer casing: 33.60 Elevation of ground: 33.30
   Check one: ☒ NAVD 88 ☐ NVGD29 ☐ On Site Datum ☐ Other
6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).
   DM6012 (NAVD88)
7. Significant observations and notes:

SECTION D. LAND SURVEYOR'S CERTIFICATION

SEAL

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Professional Land Surveyor's Signature: Date 6-25-19

Surveyor's Name: Thomas J. Murphy, PLS License Number: 24GS03720700

Firm Name: DW Smith Associates, LLC Certificate of Authorization #:

Mailing Address 1450 State Route 34

City/Town: Wall Township State NJ Zip Code: 07753

Phone Number 732-363-5850 Ext.: 109 Fax: 732-905-8669

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Well Permitting
Mail Code 401-04Q PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E201905862

WELL PERMIT

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

Certifying Driller: PATRICK HANLEY, MONITORING LICENSE # 525921

Permit Issued to: ECO DRILLING ENVIRONMENTAL SERVICES LLC

Company Address: 1631 PARTRIDGE ST TOMS RIVER, NJ 08753

PROPERTY OWNER

Name: PISTOIA, RALPH N & ELSIE R PISTOIA, RALPH N & ELSIE R

Organization: PISTOIA, RALPH N & ELSIE R

Address: 1615 MAGNOLIA

City: Williamstown State: New Jersey Zip Code: 08094

PROPOSED WELL LOCATION

Facility Name: PISTOIA, RALPH N & ELSIE

Address: 6380 Black Horse Pike

County: Atlantic Municipality: Hamilton Twp Lot: 19.01 Block: 588

Easting (X): 423970 Northing (Y): 239928
Coordinate System: NJ State Plane (NAD83) - USFEET

Local ID: MW-4

SITE CHARACTERISTICS

PROPOSED CONSTRUCTION

WELL USE: MONITORING

Other Use(s):

Diameter (in.): 2

Regulatory Program Requiring Wells/Borings:

Depth (ft.): 15

Case ID Number:

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Hollow Stem Augers

Attachments:

SPECIFIC CONDITIONS/REQUIREMENTS

Approval Date: June 4, 2019
Expiration Date: June 3, 2020

Approved by the authority of:
Catherine R. McCabe
Commissioner

Terry D. Pilawski

Terry Pilawski, Chief
Bureau of Water Allocation and Well Permitting

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Wells
PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E201905862

WELL PERMIT

New Well

DEVIATION INFORMATION	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

GENERAL CONDITIONS/REQUIREMENTS
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit.[N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Well Permitting
Mail Code 401-04Q PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E201905862

MONITORING WELL RECORD

PROPERTY OWNER: PISTOIA, RALPH N & ELSIE R PISTOIA, RALPH N & ELSIE R

Company/Organization: PISTOIA, RALPH N & ELSIE R

Address: 1615 MAGNOLIA Williamstown, New Jersey 08094

WELL LOCATION: PISTOIA, RALPH N & ELSIE

Address: 6380 Black Horse Pike

County: Atlantic Municipality: Hamilton Twp Lot: 19.01 Block: 588

Easting (X): 423970 Northing (Y): 239928
Coordinate System: NJ State Plane (NAD83) - USFEET

DATE WELL STARTED: June 6, 2019

DATE WELL COMPLETED: June 6, 2019

WELL USE: MONITORING

Other Use(s):

Local ID: MW-4

WELL CONSTRUCTION

Total Depth Drilled (ft.): 12 Finished Well Depth (ft.): 12 Well Surface: Above Grade

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	12	8		
Casing	0	2	2	PVC	Sch-40
Screen	2	12	2	PVC	.010

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	1	8	2	2.50	47	4
Gravel Pack	1	12	8	2	Morrie # 1		

Grouting Method: Gravity method Drilling Method: Hollow Stem Augers

ADDITIONAL INFORMATION

Protective Casing: Yes
Static Water Level: 3 ft. below land surface
Water Level Measure Tool: M-Scope
Well Development Period: 1 hrs.
Method of Development: Sub-Pump
Pump Type:

Pump Capacity: _ gpm
Total Design Head: _ ft.
Drilling Fluid:
Drill Rig: GeoProbe 6610DT
Health and Safety Plan Submitted? Yes

ATTACHMENTS:

GEOLOGIC LOG

0 - 12: Brown GW - Well-graded gravels and gravel-sand mixtures, little or no fines

ADDITIONAL INFORMATION:

Driller of Record: Patrick Hanley, MONITORING LICENSE # 525921 Company: ECO DRILLING ENVIRONMENTAL SERVICES LLC

New Jersey Department of Environmental Protection
Site Remediation Program

Monitoring Well Certification Form B - Location Certification

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Pistoia Tire Co Inc

List all AKAs:

Street Address: 6380 Black Horse Pike

Municipality: Egg Harbor Township (Township, Borough or City)

County: Atlantic County Zip Code: 08234

Program Interest (PI) Number(s): 026175 Case Tracking Number(s): 146486;18-08-08-1348-30

SECTION B. WELL OWNER AND LOCATION

1. Name of Well Owner Deeaar Holdings, LLC
2. Well Location (Street Address) 6380 Black Horse Pike
3. Well Location (Municipal Block and Lot) Block# 588 Lot # 19.01

SECTION C. WELL LOCATION SPECIFICS

1. Well Permit Number (This number must be permanently affixed to the well casing): E201905862
2. Site Well Number (As shown on application or plans): MW # 4
3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:
   Latitude: North 39° 29' 29.69" Longitude: West 74° 44' 24.99"
4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:
   North 239822 East 424319
5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 36.49
   Elevation Top of Outer casing: 36.81 Elevation of ground: 33.55
   Check one: ☒ NAVD 88 ☐ NVGD29 ☐ On Site Datum ☐ Other
6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).
   DM6012 (NAVD88)
7. Significant observations and notes:

SECTION D. LAND SURVEYOR'S CERTIFICATION

SEAL

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Professional Land Surveyor's Signature: Date 6-25-19

Surveyor's Name: Thomas J. Murphy, PLS License Number: 24GS03720700

Firm Name: DW Smith Associates, LLC Certificate of Authorization #:

Mailing Address 1450 State Route 34

City/Town: Wall Township State NJ Zip Code: 07753

Phone Number 732-363-5850 Ext.: 109 Fax: 732-905-8669

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Well Permitting
Mail Code 401-04Q PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E202009148

WELL PERMIT

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

Certifying Driller: PATRICK HANLEY, ENV RESOURCE GEOTEC LICENSE # 525921

Permit Issued to: ECO DRILLING ENVIRONMENTAL SERVICES LLC

Company Address: 1631 PARTRIDGE ST TOMS RIVER, NJ 08753

PROPERTY OWNER

Name: PISTOIA, RALPH N & ELSIE R PISTOIA, RALPH N & ELSIE R

Organization: PISTOIA, RALPH N & ELSIE R

Address: 1615 MAGNOLIA

City: Williamstown State: New Jersey Zip Code: 08094

PROPOSED WELL LOCATION

Facility Name: PISTOIA, RALPH N & ELSIE R

Address: 6380 BLACK HORSE PIKE

County: Atlantic Municipality: Hamilton Twp Lot: 19.01 Block: 588

Easting (X): 423965 Northing (Y): 240030
Coordinate System: NJ State Plane (NAD83) - USFEET

Local ID: MW-5

SITE CHARACTERISTICS

PROPOSED CONSTRUCTION

WELL USE: MONITORING

Other Use(s):

Diameter (in.): 2

Regulatory Program Requiring Wells/Borings:

Depth (ft.): 35

Case ID Number:

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Hollow Stem Augers

Attachments:

SPECIFIC CONDITIONS/REQUIREMENTS

Approval Date: August 31, 2020
Expiration Date: August 31, 2021

Approved by the authority of:
Catherine R. McCabe
Commissioner

Terry D. Pilawski

Terry Pilawski, Chief
Bureau of Water Allocation and Well Permitting

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Wells
PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E202009148

WELL PERMIT

New Well

DEVIATION INFORMATION	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

GENERAL CONDITIONS/REQUIREMENTS
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit.[N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Well Permitting
Mail Code 401-04Q PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E202009148

MONITORING WELL RECORD

PROPERTY OWNER: PISTOIA, RALPH N & ELSIE R

Company/Organization: PISTOIA, RALPH N & ELSIE R

Address: 1615 MAGNOLIA Williamstown, New Jersey 08094

WELL LOCATION: PISTOIA, RALPH N & ELSIE R

Address: 6380 BLACK HORSE PIKE

County: Atlantic Municipality: Hamilton Twp Lot: 19.01 Block: 588

Easting (X): 423965 Northing (Y): 240030
Coordinate System: NJ State Plane (NAD83) - USFEET

DATE WELL STARTED: September 3, 2020

DATE WELL COMPLETED: September 3, 2020

WELL USE: MONITORING

Other Use(s):

Local ID: MW-5

WELL CONSTRUCTION

Total Depth Drilled (ft.): 30 Finished Well Depth (ft.): 30 Well Surface: Flush Mount

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	30	8		
Casing	0	25	2	PVC	Sch-40
Screen	25	30	2	PVC	.010

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	22	8	2	25	470	40
Gravel Pack	22	30	8	2	Morrie 1 Sand		

Grouting Method: Pressure method (Tremie Pipe) Drilling Method: Hollow Stem Augers

ADDITIONAL INFORMATION

Protective Casing: Yes
Static Water Level: 12 ft. below land surface
Water Level Measure Tool: M-Scope
Well Development Period: 1 hrs.
Method of Development: Sub Pump
Pump Type:

Pump Capacity: _ gpm
Total Design Head: _ ft.
Drilling Fluid:
Drill Rig: 7822DT Geoprobe
Health and Safety Plan Submitted? Yes

ATTACHMENTS:

GEOLOGIC LOG

0 - 30: Brown GW - Well-graded gravels and gravel-sand mixtures, little or no fines

ADDITIONAL INFORMATION:

Driller of Record: Patrick Hanley, ENV RESOURCE GEOTEC LICENSE # 525921 Company: ECO DRILLING ENVIRONMENTAL SERVICES LLC

New Jersey Department of Environmental Protection
Site Remediation Program

Monitoring Well Certification Form B - Location Certification

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Former Pistoia Service Center

List all AKAs:

Street Address: 6380 Black Horse Pike

Municipality: Mays Landing (Township of Hamilton) (Township, Borough or City)

County: Atlantic Zip Code: 08330

Program Interest (PI) Number(s): 026175 Case Tracking Number(s): 18-08-08-1348-30

SECTION B. WELL OWNER AND LOCATION

1. Name of Well Owner Deeaar Holding, LLC
2. Well Location (Street Address) 6380 Black Horse Pike
3. Well Location (Municipal Block and Lot) Block# 588 Lot # 19.02

SECTION C. WELL LOCATION SPECIFICS

1. Well Permit Number (This number must be permanently affixed to the well casing): E202009148
2. Site Well Number (As shown on application or plans): MW # 5
3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:
   Latitude: North 39° 29' 29.95" Longitude: West 74° 44' 25.07"
4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:
   North 239848 East 424313
5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 33.44
   Elevation Top of Outer casing: 34.1 Elevation of ground: 33.8
   Check one: ☒ NAVD 88 ☐ NVGD29 ☐ On Site Datum ☐ Other
6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).
   DM6012 (NAVD88)
7. Significant observations and notes:

SECTION D. LAND SURVEYOR'S CERTIFICATION

SEAL

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Professional Land Surveyor's Signature: Date 1-11-21

Surveyor's Name: Thomas J. Murphy, PLS License Number: 24GS03720700

Firm Name: DW Smith Associates, LLC Certificate of Authorization #:

Mailing Address 1450 State Route 34

City/Town: Wall Township State NJ Zip Code: 07753

Phone Number 732-363-5850 Ext.: 109 Fax: 732-905-8669

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Well Permitting
Mail Code 401-04Q PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E202009149

WELL PERMIT

New Well

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit

Certifying Driller: PATRICK HANLEY, ENV RESOURCE GEOTEC LICENSE # 525921

Permit Issued to: ECO DRILLING ENVIRONMENTAL SERVICES LLC

Company Address: 1631 PARTRIDGE ST TOMS RIVER, NJ 08753

PROPERTY OWNER

Name: PISTOIA, RALPH N & ELSIE R PISTOIA, RALPH N & ELSIE R

Organization: PISTOIA, RALPH N & ELSIE R

Address: 1615 MAGNOLIA

City: Williamstown State: New Jersey Zip Code: 08094

PROPOSED WELL LOCATION

Facility Name: PISTOIA, RALPH N & ELSIE R

Address: 6380 BLACK HORSE PIKE

County: Atlantic Municipality: Hamilton Twp Lot: 19.01 Block: 588

Easting (X): 424005 Northing (Y): 240021
Coordinate System: NJ State Plane (NAD83) - USFEET

Local ID: MW-6

SITE CHARACTERISTICS

PROPOSED CONSTRUCTION

WELL USE: MONITORING

Other Use(s):

Diameter (in.): 2

Regulatory Program Requiring Wells/Borings:

Depth (ft.): 35

Case ID Number:

Pump Capacity (gpm): 0

Deviation Requested: N

Drilling Method: Hollow Stem Augers

Attachments:

SPECIFIC CONDITIONS/REQUIREMENTS

Approval Date: August 31, 2020
Expiration Date: August 31, 2021

Approved by the authority of:
Catherine R. McCabe
Commissioner

Terry D. Pilawski

Terry Pilawski, Chief
Bureau of Water Allocation and Well Permitting

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Wells
PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E202009149

WELL PERMIT

New Well

DEVIATION INFORMATION	
Purpose:	
Unusual Conditions:	
Reason for Deviation:	
Proposed Well Construction	

GENERAL CONDITIONS/REQUIREMENTS
A copy of this permit shall be kept at the worksite / on the property and shall be exhibited upon request. [N.J.A.C. 7:9D-1]
A well record must be submitted by the well driller to the Bureau of Water Systems and Well Permitting. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the well record shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Record: within ninety (90) days after the well is completed.[N.J.A.C. 7:9D-1]
All well drilling/pump installation activities shall comply with N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
For this permit to remain valid, the well approved in this permit shall be constructed within one year of the effective date of the permit. [N.J.A.C. 7:9D-1]
If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Bureau of Water Systems and Well Permitting. [N.J.A.C. 7:9D-1]
If the use of the well is to be changed a well permit for the proposed use of the well shall be submitted for review and approval. [N.J.A.C. 7:9D-1]
If you or a future property owner intend to redesignate this well as a Category 1 well (domestic, non-public, community water supply or public non-community water supply wells), the well must be constructed as a Category 1 well per the Well Construction and Abandonment Regulations at N.J.A.C. 7:0D-1.1 et seq. In addition, if the current or future property owner intends to have this well redesignated as a community water supply well, the well must be constructed by a Master well driller, which would include having a Master well driller on-site at all times during construction of the well, as specified in the Well Construction and Abandonment Regulations. Otherwise, the New Jersey Department of Environmental Protection will not allow the well to be redesignated, and a new well would have to be installed. [N.J.A.C. 7:9D-1.7((a))1i]
In accepting this permit the Property Owner and Driller agree to abide by the following terms and conditions [N.J.A.C. 7:9D-1]
In the event that this well is not constructed the well driller shall notify the Bureau of Water Systems and Well Permitting of the permit cancellation. Unless prior written approval is obtained from the Bureau of Water Systems and Well Permitting the Cancellation notification shall be submitted electronically through the New Jersey Department of Environmental Protection's Regulatory Services Portal Submit Well Permit Cancellation : by the expiration date of this permit.[N.J.A.C. 7:9D-1]
In the event this well is abandoned, the Owner or Well driller shall assume full responsibility for having the well decommissioned in a manner satisfactory to the New Jersey Department of Environmental Protection in accordance with the provisions of N.J.A.C. 7:9D-1 et seq. [N.J.A.C. 7:9D-1]
The granting of this permit shall not be construed in any way to affect the title or ownership of property, and shall not make the New Jersey Department of Environmental Protection or the State a party in any suit or question of ownership of property. [N.J.A.C. 7:9D-1]
The issuance of this permit shall not be deemed to affect in any way action by the New Jersey Department of Environmental Protection on any future application. [N.J.A.C. 7:9D-1]
This permit conveys no rights, either expressed, or implied to divert water. [N.J.A.C. 7:9D-1]
This permit does not waive the obtaining of Federal or other State or local Government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained. [N.J.A.C. 7:9D-1]
This permit is NONTRANSFERABLE [N.J.A.C. 7:9D]
This well shall not be used for the supply of potable / drinking water. [N.J.A.C. 7:9D-1]

New Jersey State Department of Environmental Protection
Bureau of Water Allocation and Well Permitting
Mail Code 401-04Q PO BOX 420 Trenton, NJ 08625-0420 Tel: 609-984-6831

Well Permit Number
E202009149

MONITORING WELL RECORD

PROPERTY OWNER: PISTOIA, RALPH N & ELSIE R

Company/Organization: PISTOIA, RALPH N & ELSIE R

Address: 1615 MAGNOLIA Williamstown, New Jersey 08094

WELL LOCATION: PISTOIA, RALPH N & ELSIE R

Address: 6380 BLACK HORSE PIKE

County: Atlantic Municipality: Hamilton Twp Lot: 19.01 Block: 588

Easting (X): 424005 Northing (Y): 240021
Coordinate System: NJ State Plane (NAD83) - USFEET

DATE WELL STARTED: September 3, 2020

DATE WELL COMPLETED: September 3, 2020

WELL USE: MONITORING

Other Use(s):

Local ID: MW-6

WELL CONSTRUCTION

Total Depth Drilled (ft.): 12 Finished Well Depth (ft.): 12 Well Surface: Flush Mount

	Depth to Top (ft.)	Depth to Bottom (ft.)	Diameter (inches)	Material	Wgt/Rating/Screen # Used (lbs/ch no.)
Borehole	0	12	8		
Casing	0	2	2	PVC	Sch-40
Screen	2	12	2	PVC	.010

	Depth to Top (ft.)	Depth to Bottom (ft.)	Outer Diameter (in.)	Inner Diameter (in)	Material		
					Bentonite (lbs.)	Neat Cement (lbs.)	Water (gal.)
Grout	0	1	8	2	2.50	47	4
Gravel Pack	1	12	8	2	Morrie 1 Sand		

Grouting Method: Gravity method Drilling Method: Hollow Stem Augers

ADDITIONAL INFORMATION

Protective Casing: Yes
Static Water Level: 4 ft. below land surface
Water Level Measure Tool: M-Scope
Well Development Period: 1 hrs.
Method of Development: Sub Pump
Pump Type:

Pump Capacity: _ gpm
Total Design Head: _ ft.
Drilling Fluid:
Drill Rig: 7822DT Geoprobe
Health and Safety Plan Submitted? Yes

ATTACHMENTS:

GEOLOGIC LOG

0 - 12: Brown GW - Well-graded gravels and gravel-sand mixtures, little or no fines

ADDITIONAL INFORMATION:

Driller of Record: Patrick Hanley, ENV RESOURCE GEOTEC LICENSE # 525921 Company: ECO DRILLING ENVIRONMENTAL SERVICES LLC

New Jersey Department of Environmental Protection
Site Remediation Program

Monitoring Well Certification Form B - Location Certification

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Former Pistoia Service Center

List all AKAs:

Street Address: 6380 Black Horse Pike

Municipality: Mays Landing (Township of Hamilton) (Township, Borough or City)

County: Atlantic Zip Code: 08330

Program Interest (PI) Number(s): 026175 Case Tracking Number(s): 18-08-08-1348-30

SECTION B. WELL OWNER AND LOCATION

1. Name of Well Owner Deeaar Holding, LLC
2. Well Location (Street Address) 6380 Black Horse Pike
3. Well Location (Municipal Block and Lot) Block# 588 Lot # 19.02

SECTION C. WELL LOCATION SPECIFICS

1. Well Permit Number (This number must be permanently affixed to the well casing): E202009149
2. Site Well Number (As shown on application or plans): MW # 6
3. Geographic Coordinate NAD 83 to nearest 1/100 of a second:
   Latitude: North 39° 29' 30.96" Longitude: West 74° 44' 25.30"
4. New Jersey State Plane Coordinates NAD 83 datum, US survey feet units, to nearest foot:
   North 239951 East 424295
5. Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'): 32.58
   Elevation Top of Outer casing: 32.8 Elevation of ground: 32.8
   Check one: ☒ NAVD 88 ☐ NVGD29 ☐ On Site Datum ☐ Other
6. Source of elevation datum (benchmark, number/description and elevation/datum). If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation (referencing NAVD 88).
   DM6012 (NAVD88)
7. Significant observations and notes:

SECTION D. LAND SURVEYOR'S CERTIFICATION

SEAL

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Professional Land Surveyor's Signature: Thomas J Murphy Date 1-11-21

Surveyor's Name: Thomas J. Murphy, PLS License Number: 24GS03720700

Firm Name: DW Smith Associates, LLC Certificate of Authorization #:

Mailing Address 1450 State Route 34

City/Town: Wall Township State NJ Zip Code: 07753

Phone Number 732-363-5850 Ext.: 109 Fax: 732-905-8669

APPENDIX C

Firstech Environmental, Inc. (732) 751-1640

Well ID: **MW-1**

Site: Pistoia Tire Co., Inc.
Lisko Project No.: 0064-3
Well Permit No.: E201905859

Date: June 26, 2019
Time: 9:35 AM
Weather: Sunny, low-80s

1. Before Purging

Well Diameter (inches)	PID Well Head (PPM)	Depth to water (feet)	Depth to product (feet)	Total Well Depth (feet)	Depth to screen (feet)	Feet of Water in Well	Gallons of Water in Well	Gallons of Water to Purge
2.00	0.00	2.57	N/A	11.45	2.00	8.88	1.45	4.35

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)
2.61	7.06	23.5	496.8

2. After Purging

Purge Method	Time Purge Began (HH:MM)	Time Purge Ended (HH:MM)	Elapsed Time (minutes)	Purge Rate (GPM)	Total Volume Purged (gallons)	Depth to Water (feet)
Pump	10:04 AM	10:06 AM	2	2.50	5.0	3.10

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)
1.54	6.25	22.9	499.1

3. Prior to Sampling

Depth to Water (feet)
2.59

4. After Sampling

Sampling Method	Sample Start Time (HH:MM)	Sample End Time (HH:MM)	Elapsed Time (minutes)
Bailer	10:15 AM	10:19 AM	4

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)
1.88	6.09	23.5	493.1

Sampled by: Raziel Gido
Comments:
Recharge: Very Good
Turbidity: High
Odor: None
Sheen: None

Firstech Environmental, Inc. (732) 751-1640

Well ID: **MW-2**

Site: Pistoia Tire Co., Inc.
Lisko Project No.: 0064-3
Well Permit No.: E201905860

Date: June 26, 2019
Time: 9:35 AM
Weather: Sunny, low-80s

1. Before Purging

Well Diameter (inches)	PID Well Head (PPM)	Depth to water (feet)	Depth to product (feet)	Total Well Depth (feet)	Depth to screen (feet)	Feet of Water in Well	Gallons of Water in Well	Gallons of Water to Purge
2.00	0.00	4.18	N/A	11.60	2.00	7.42	1.21	3.63

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)
2.68	6.60	20.6	516.9

2. After Purging

Purge Method	Time Purge Began (HH:MM)	Time Purge Ended (HH:MM)	Elapsed Time (minutes)	Purge Rate (GPM)	Total Volume Purged (gallons)	Depth to Water (feet)
Pump	10:33 AM	10:36 AM	3	1.83	5.5	4.31

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)
2.45	6.44	20.4	524.7

3. Prior to Sampling

Depth to Water (feet)
4.19

4. After Sampling

Sampling Method	Sample Start Time (HH:MM)	Sample End Time (HH:MM)	Elapsed Time (minutes)
Bailer	10:46 AM	10:50 AM	4

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)
2.24	6.59	21.2	517.1

Sampled by: Raziel Gido
Comments:
Recharge: Very Good
Turbidity: High
Odor: None
Sheen: None

Firstech Environmental, Inc. (732) 751-1640

Well ID: **MW-3**

Site: Pistoia Tire Co., Inc.
Lisko Project No.: 0064-3
Well Permit No.: E201905861

Date: June 26, 2019
Time: 9:35 AM
Weather: Sunny, low-80s

1. Before Purging

Well Diameter (inches)	PID Well Head (PPM)	Depth to water (feet)	Depth to product (feet)	Total Well Depth (feet)	Depth to screen (feet)	Feet of Water in Well	Gallons of Water in Well	Gallons of Water to Purge
2.00	0.00	3.62	N/A	11.40	2.00	7.78	1.27	3.81

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)
2.29	6.47	19.6	534.5

2. After Purging

Purge Method	Time Purge Began (HH:MM)	Time Purge Ended (HH:MM)	Elapsed Time (minutes)	Purge Rate (GPM)	Total Volume Purged (gallons)	Depth to Water (feet)
Pump	11:03 AM	11:06 AM	3	1.83	5.5	4.05

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)
1.47	6.19	18.0	551.8

3. Prior to Sampling

Depth to Water (feet)
3.65

4. After Sampling

Sampling Method	Sample Start Time (HH:MM)	Sample End Time (HH:MM)	Elapsed Time (minutes)
Bailer	11:17 AM	11:21 AM	4

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)
1.41	6.35	20.1	529.4

Sampled by: Raziel Gido
Comments:
Recharge: Very Good
Turbidity: High
Odor: None
Sheen: None

Firstech Environmental, Inc. (732) 751-1640

Well ID: **MW-4**

Site: Pistoia Tire Co., Inc.
Lisko Project No.: 0064-3
Well Permit No.: E201905862

Date: June 26, 2019
Time: 9:35 AM
Weather: Sunny, low-80s

1. Before Purging

Well Diameter (inches)	PID Well Head (PPM)	Depth to water (feet)	Depth to product (feet)	Total Well Depth (feet)	Depth to screen (feet)	Feet of Water in Well	Gallons of Water in Well	Gallons of Water to Purge	D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)
2.00	0.00	8.03	N/A	14.50	5.00	6.47	1.06	3.17	2.03	6.27	18.7	147.0

2. After Purging

Purge Method	Time Purge Began (HH:MM)	Time Purge Ended (HH:MM)	Elapsed Time (minutes)	Purge Rate (GPM)	Total Volume Purged (gallons)	Depth to Water (feet)	D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)
Pump	11:39 AM	11:41 AM	2	2.50	5.0	8.45	1.83	6.28	17.2	262.7

3. Prior to Sampling

Depth to Water (feet)
8.33

4. After Sampling

Sampling Method	Sample Start Time (HH:MM)	Sample End Time (HH:MM)	Elapsed Time (minutes)	D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)
Bailer	11:52 AM	11:56 AM	4	3.76	6.35	17.1	176.4

Sampled by: Raziel Gido
Comments:
Recharge: Very Good
Turbidity: Moderate/High
Odor: None
Sheen: None

Lisko Environmental, LLC

Well ID: **MW-1**

Site: Pistoia Tire Co., Inc.
Lisko Project No.: 0064-3
Well Permit No.: E201905859

Date: March 13, 2020
Time: 9:30 AM
Weather: Rainy, mid-50s

1. Before Purging

Well Diameter (inches)	PID Well Head (PPM)	Depth to water (feet)	Depth to product (feet)	Total Well Depth (feet)	Depth to screen (feet)	Feet of Water in Well	Gallons of Water in Well	Gallons of Water to Purge
2.00	0.00	2.71	N/A	11.45	2.00	8.74	1.43	4.28

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)	ORP (mV)
5.37	6.86	12.8	721	97

2. After Purging

Purge Method	Time Purge Began (HH:MM)	Time Purge Ended (HH:MM)	Elapsed Time (minutes)	Purge Rate (GPM)	Total Volume Purged (gallons)	Depth to Water (feet)
Pump	9:57 AM	10:00 AM	3	2.00	6.0	3.98

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)	ORP (mV)
0.93	6.16	12.8	1270	80

3. Prior to Sampling

Depth to Water (feet)
2.75

4. After Sampling

Sampling Method	Sample Start Time (HH:MM)	Sample End Time (HH:MM)	Elapsed Time (minutes)
Bailer	10:06 AM	10:16 AM	10

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)	ORP (mV)
0.71	6.10	12.0	1560	87

Sampled by: Khalil Abbaszadeh
Comments: FIELD PARAMETERS BY LISKO (NOT LAB CERTIFIED)
Recharge: Excellent
Turbidity: 942 NTU
Odor: None
Sheen: None

Lisko Environmental, LLC

Well ID: **MW-2**

Site: Pistoia Tire Co., Inc.
Lisko Project No.: 0064-3
Well Permit No.: E201905860

Date: March 13, 2020
Time: 9:30 AM
Weather: Rainy, mid-50s

1. Before Purging

Well Diameter (inches)	PID Well Head (PPM)	Depth to water (feet)	Depth to product (feet)	Total Well Depth (feet)	Depth to screen (feet)	Feet of Water in Well	Gallons of Water in Well	Gallons of Water to Purge
2.00	0.00	4.36	N/A	11.60	2.00	7.24	1.18	3.54

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)	ORP (mV)
10.26	6.84	11.2	774	63

2. After Purging

Purge Method	Time Purge Began (HH:MM)	Time Purge Ended (HH:MM)	Elapsed Time (minutes)	Purge Rate (GPM)	Total Volume Purged (gallons)	Depth to Water (feet)
Pump	10:29 AM	10:32 AM	3	2.00	6.0	5.03

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)	ORP (mV)
0.70	6.65	12.1	963	34

3. Prior to Sampling

Depth to Water (feet)
4.41

4. After Sampling

Sampling Method	Sample Start Time (HH:MM)	Sample End Time (HH:MM)	Elapsed Time (minutes)
Bailer	10:40 AM	10:50 AM	10

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)	ORP (mV)
1.32	6.68	10.9	993	34

Sampled by: Khalil Abbaszadeh
Comments: FIELD PARAMETERS BY LISKO (NOT LAB CERTIFIED)
Recharge: Excellent
Turbidity: NR
Odor: None
Sheen: None

Lisko Environmental, LLC

Well ID: **MW-3**

Site: Pistoia Tire Co., Inc.
Lisko Project No.: 0064-3
Well Permit No.: E201905861

Date: March 13, 2020
Time: 9:30 AM
Weather: Rainy, mid-50s

1. Before Purging

Well Diameter (inches)	PID Well Head (PPM)	Depth to water (feet)	Depth to product (feet)	Total Well Depth (feet)	Depth to screen (feet)	Feet of Water in Well	Gallons of Water in Well	Gallons of Water to Purge
2.00	0.00	3.86	N/A	11.40	2.00	7.54	1.23	3.69

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)	ORP (mV)
8.19	5.83	10.8	3100	44

2. After Purging

Purge Method	Time Purge Began (HH:MM)	Time Purge Ended (HH:MM)	Elapsed Time (minutes)	Purge Rate (GPM)	Total Volume Purged (gallons)	Depth to Water (feet)
Pump	10:56 AM	11:00 AM	4	1.50	6.0	4.56

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)	ORP (mV)
0.00	6.17	10.6	2120	23

3. Prior to Sampling

Depth to Water (feet)
3.90

4. After Sampling

Sampling Method	Sample Start Time (HH:MM)	Sample End Time (HH:MM)	Elapsed Time (minutes)
Bailer	11:07 AM	11:17 AM	10

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)	ORP (mV)
0.00	6.18	10.9	2090	21

Sampled by: Khalil Abbaszadeh
Comments: FIELD PARAMETERS BY LISKO (NOT LAB CERTIFIED)
Recharge: Excellent
Turbidity: 446 NTU
Odor: None
Sheen: None

Lisko Environmental, LLC

Well ID: **MW-4**

Site: Pistoia Tire Co., Inc.
Lisko Project No.: 0064-3
Well Permit No.: E201905862

Date: March 13, 2020
Time: 9:30 AM
Weather: Rainy, mid-50s

1. Before Purging

Well Diameter (inches)	PID Well Head (PPM)	Depth to water (feet)	Depth to product (feet)	Total Well Depth (feet)	Depth to screen (feet)	Feet of Water in Well	Gallons of Water in Well	Gallons of Water to Purge
2.00	0.00	8.39	N/A	14.50	2.00	6.11	1.00	2.99

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)	ORP (mV)
0.00	6.17	11.7	391	88

2. After Purging

Purge Method	Time Purge Began (HH:MM)	Time Purge Ended (HH:MM)	Elapsed Time (minutes)	Purge Rate (GPM)	Total Volume Purged (gallons)	Depth to Water (feet)
Pump	11:44 AM	11:47 AM	3	2.00	6.0	8.92

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)	ORP (mV)
0.00	6.16	11.7	368	119

3. Prior to Sampling

Depth to Water (feet)
8.41

4. After Sampling

Sampling Method	Sample Start Time (HH:MM)	Sample End Time (HH:MM)	Elapsed Time (minutes)
Bailer	11:51 AM	12:00 PM	9

D.O. (mg/L)	pH (S.U.)	Temp. (°C)	Specific Cond. (µs/cm^3)	ORP (mV)
0.92	6.16	11.3	315	145

Sampled by: Khalil Abbaszadeh
Comments: FIELD PARAMETERS BY LISKO (NOT LAB CERTIFIED)
Recharge: Excellent
Turbidity: 670 NTU
Odor: None
Sheen: None

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko Enivronmental **EST Technician:** M. Spata

Site: Pistoia Tire Company **Weather:** 40's Rain

Date: 4/27/2020

Monitoring Well #: MW-1 **Well Depth:** 11.43 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 7.00 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 2.21 ft below TOC

Beneath Inner Cap: 0.0 **Purge Method** stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units) Reading	pH Change	Temperature (°C) Reading	Temperature Change	Specific Conductivity (uS/cm) Reading	Specific Conductivity Change	Dissolved Oxygen (mg/L) Reading	Dissolved Oxygen Change	Redox Potential (mV) Reading	Redox Potential Change	Turbidity (NTU) Reading	Turbidity Change	Pumping Rate (ml/min)	Depth to Water (ft below TOC)
820	X		6.57	NA	12.52	NA	1180	NA	5.13	NA	134.2	NA	228	NA	300	2.24
825	X		6.36	-0.21	12.97	0.45	1179	-1	4.25	-0.88	130.7	-3.5	201	-27	300	2.24
830	X		6.24	-0.12	13.21	0.24	1197	18	3.67	-0.58	115.3	-15.4	176	-25	300	2.24
835	X		6.18	-0.06	13.26	0.05	1214	17	3.46	-0.21	101.1	-14.2	139	-37	300	2.24
840	X		6.15	-0.03	13.33	0.07	1222	8	3.40	-0.06	95.6	-5.5	102	-37	300	2.24
845	X		6.13	-0.02	13.35	0.02	1231	9	3.36	-0.04	89.3	-6.3	77.3	-24.7	300	2.24
850	X		6.12	-0.01	13.40	0.05	1238	7	3.33	-0.03	87.2	-2.1	75.2	-2.1	300	2.24
855	X		6.12	0.00	13.42	0.02	1249	11	3.28	-0.05	84.0	-3.2	72.9	-2.3	300	2.24
900		X	6.10	-0.02	13.35	-0.07	1255	6	3.22	-0.06	80.6	-3.4	68.2	-4.7	300	2.24

Purge Start: 8:14
Purge End: 8:55
Sample Time: 8:56

Sample notes: No PID due to rain
Field Blank collected at 8:00

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko Enivronmental **EST Technician:** M. Spata

Site: Pistoia Tire Company **Weather:** 40's Rain

Date: 4/27/2020

Monitoring Well #: MW-2 **Well Depth:** 11.58 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 7.75 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 3.77 ft below TOC

Beneath Inner Cap: 0.0 **Purge Method** stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units) Reading	pH Change	Temperature (°C) Reading	Temperature Change	Specific Conductivity (uS/cm) Reading	Specific Conductivity Change	Dissolved Oxygen (mg/L) Reading	Dissolved Oxygen Change	Redox Potential (mV) Reading	Redox Potential Change	Turbidity (NTU) Reading	Turbidity Change	Pumping Rate (ml/min)	Depth to Water (ft below TOC)
920	X		6.45	NA	11.00	NA	736	NA	5.36	NA	52.9	NA	84.8	NA	300	3.81
925	X		6.42	-0.03	11.11	0.11	780	44	4.81	-0.55	39.2	-13.7	63.1	-21.7	300	3.81
930	X		6.39	-0.03	11.17	0.06	815	35	4.59	-0.22	33.0	-6.2	48.2	-14.9	300	3.81
935	X		6.36	-0.03	11.24	0.07	829	14	4.44	-0.15	26.8	-6.2	40.6	-7.6	300	3.81
940	X		6.35	-0.01	11.29	0.05	838	9	4.36	-0.08	23.7	-3.1	34.1	-6.5	300	3.81
945	X		6.33	-0.02	11.33	0.04	844	6	4.31	-0.05	20.8	-2.9	32.8	-1.3	300	3.81
950	X		6.33	0.00	11.36	0.03	847	3	4.27	-0.04	18.2	-2.6	31.8	-1.0	300	3.81
955		X	6.31	-0.02	11.31	-0.05	852	5	4.20	-0.07	16.4	-1.8	29.3	-2.5	300	3.81

Purge Start: 9:12

Purge End: 9:50

Sample Time: 9:51

Sample notes: No PID due to rain

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko Enivronmental **EST Technician:** M. Spata

Site: Pistoia Tire Company **Weather:** 40's Rain

Date: 4/27/2020

Monitoring Well #: MW-4 **Well Depth:** 14.45 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 10.00 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 7.66 ft below TOC

Beneath Inner Cap: 0.0 **Purge Method** stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units) Reading	pH Change	Temperature (°C) Reading	Temperature Change	Specific Conductivity (uS/cm) Reading	Specific Conductivity Change	Dissolved Oxygen (mg/L) Reading	Dissolved Oxygen Change	Redox Potential (mV) Reading	Redox Potential Change	Turbidity (NTU) Reading	Turbidity Change	Pumping Rate (ml/min)	Depth to Water (ft below TOC)
1020	X		5.89	NA	9.50	NA	330	NA	2.72	NA	134.0	NA	37.5	NA	300	7.70
1025	X		5.82	-0.07	9.55	0.05	329	-1	2.51	-0.21	136.8	2.8	35.3	-2.2	300	7.70
1030	X		5.76	-0.06	9.51	-0.04	329	0	2.40	-0.11	138.2	1.4	31.9	-3.4	300	7.70
1035	X		5.73	-0.03	9.48	-0.03	328	-1	2.31	-0.09	141.5	3.3	28.1	-3.8	300	7.70
1040	X		5.72	-0.01	9.44	-0.04	327	-1	2.26	-0.05	143.0	1.5	26.8	-1.3	300	7.70
1045	X		5.71	-0.01	9.42	-0.02	327	0	2.22	-0.04	144.4	1.4	26.2	-0.6	300	7.70
1050		X	5.70	-0.01	9.34	-0.08	326	-1	2.17	-0.05	146.1	1.7	27.8	1.6	300	7.70

Purge Start: 10:12

Purge End: 10:45

Sample Time: 10:46

Sample notes:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko Enivronmental **EST Technician:** M. Spata

Site: Pistoia Tire Company **Weather:** 40's Rain

Date: 4/27/2020

Monitoring Well #: MW-3 **Well Depth:** 11.38 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 7.50 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 3.28 ft below TOC

Beneath Inner Cap: 0.0 **Purge Method** stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
1110	X		6.09	NA	10.74	NA	1027	NA	3.55	NA	12.4	NA	260	NA	300	3.34
1115	X		6.01	-0.08	10.99	0.25	1105	78	2.93	-0.62	-2.5	-14.9	225	-35	300	3.34
1120	X		6.00	-0.01	11.03	0.04	1198	93	2.41	-0.52	-7.6	-5.1	193	-32	300	3.34
1125	X		6.00	0.00	11.16	0.13	1249	51	2.24	-0.17	-10.3	-2.7	168	-25	300	3.34
1130	X		5.99	-0.01	11.10	-0.06	1261	12	2.17	-0.07	-13.8	-3.5	149	-19	300	3.34
1135	X		5.99	0.00	11.07	-0.03	1278	17	2.09	-0.08	-15.9	-2.1	142	-7	300	3.34
1140	X		5.98	-0.01	11.01	-0.06	1284	6	2.00	-0.09	-16.6	-0.7	138	-4	300	3.34
1145		X	5.96	-0.02	10.91	-0.10	1297	13	1.92	-0.08	-18.1	-1.5	129	-9	300	3.34

Purge Start: 11:02
Purge End: 11:40
Sample Time: 11:41

Sample notes:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

Field Instrument and Calibration Data Sheet

Site:	Pistoia Tire Co.	**Client:**	Lisko		
Field Personnel:	M. Spata				
Date:	4/27/2020	**Start Time:**	6:25	**Stop:**	6:47

	Meter (model/EST ID)	Probe (EST ID)
DO	YSI 556 / MPM 05	MPP 05
pH	YSI 556 / MPM 05	MPP 05
Spec. Cond	YSI 556 / MPM 05	MPP 05
ORP	YSI 556 / MPM 05	MPP 05
Turbidity	HACH 2100Q / Turb 05	

* All meters are temperature compensating (except Turbidity)

Dissolved Oxygen		Turbidity			ORP	
Temp °C	11.62	**20.0 NTU**	20.3		**Temp °C**	10.18
Baro Pres.	757.7	**100 NTU**	100		**246mV ±**	
O2 Satur %	100	**800 NTU**	800		**10mV**	250.0
Zero mg/L	0.07	**10.0 NTU**	9.80	**(check)**		

Specific Conductance

Standard 1000 ± 10 uS/cm		**Lot # and Exp Date**
Reading	1000	A0028 Jan-25
Temp °C	10.93	

pH Calibration

				Lot # and Exp Date
Buffer 4	4.00	**Temp °C**	10.75	A9298 Oct-23
Buffer 7	7.05	**Temp °C**	11.09	A9235A Aug-21
Buffer 10	10.16	**Temp °C**	11.07	A9241 Aug-20

NJDEP Cert #: 03035

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** M. Spata

Site: Pistoia Tire Company **Weather:** 60s Rain

Date: 9/18/2020

Monitoring Well #: MW-1 **Well Depth:** 11.43 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: NA **Well Diameter:** 2 inches

PID Readings (ppm)

Background: NA **Pump Intake Depth:** 7.50 ft below TOC

Beneath Outer Cap: NA **Depth to Water Before Pump Installation:** 2.76 ft below TOC

Beneath Inner Cap: NA **Purge Method** stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
800	X		6.58	NA	24.36	NA	424	NA	2.05	NA	125.8	NA	330	NA	300	2.80
805	X		6.51	-0.07	24.40	0.04	425	1	1.57	-0.48	88.0	-37.8	243	-87	300	2.80
810	X		6.46	-0.05	24.38	-0.02	424	-1	1.26	-0.31	51.9	-36.1	236	-7	300	2.80
815	X		6.40	-0.06	24.41	0.03	424	0	1.03	-0.23	29.6	-22.3	221	-15	300	2.80
820	X		6.37	-0.03	24.45	0.04	424	0	0.90	-0.13	14.2	-15.4	227	6	300	2.80
825	X		6.35	-0.02	24.53	0.08	426	2	0.82	-0.08	10.2	-4.0	218	-9	300	2.80
830	X		6.33	-0.02	24.56	0.03	427	1	0.78	-0.04	7.3	-2.9	208	-10	300	2.80
835	X		6.33	0.00	24.50	-0.06	429	2	0.76	-0.02	3.9	-3.4	213	5	300	2.80
840		X	6.31	-0.02	24.58	0.08	431	2	0.73	-0.03	1.3	-2.6	209	-4	300	2.80

Purge Start: 7:52
Purge End: 8:35
Sample Time: 8:36

Sample notes: No PID taken due to rain.

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client:	Lisko	**EST Technician:**	M. Spata
Site:	Pistoia Tire Company	**Weather:**	60s Overcast
Date:	9/18/2020		

Monitoring Well #:	MW-2	**Well Depth:**	11.58 ft	**Screened/Open Interval:**	2-12 ft
Well Permit #:	NA	**Well Diameter:**	2 inches		

PID Readings (ppm)

Background:	0.0	**Pump Intake Depth:**	8.00 ft below TOC
Beneath Outer Cap:	0.0	**Depth to Water Before Pump Installation:**	4.35 ft below TOC
Beneath Inner Cap:	0.0	**Purge Method**	stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
1015	X		7.17	NA	21.61	NA	687	NA	1.98	NA	-18.8	NA	241	NA	300	4.38
1020	X		6.81	-0.36	21.76	0.15	797	110	1.46	-0.52	-33.2	-14.4	176	-65	300	4.38
1025	X		6.68	-0.13	21.71	-0.05	815	18	1.38	-0.08	-35.4	-2.2	159	-17	300	4.38
1030	X		6.52	-0.16	21.70	-0.01	818	3	1.37	-0.01	-33.4	2.0	147	-12	300	4.38
1035	X		6.47	-0.05	21.79	0.09	810	-8	1.44	0.07	-32.1	1.3	128	-19	300	4.38
1040	X		6.38	-0.09	21.84	0.05	807	-3	1.49	0.05	-29.7	2.4	117	-11	300	4.38
1045	X		6.36	-0.02	21.92	0.08	804	-3	1.52	0.03	-29.3	0.4	121	4	300	4.38
1050	X		6.33	-0.03	21.98	0.06	803	-1	1.55	0.03	-28.6	0.7	115	-6	300	4.38
1055		X	6.31	-0.02	22.06	0.08	800	-3	1.59	0.04	-26.2	2.4	122	7	300	4.38

Purge Start:	**10:07**
Purge End:	**10:50**
Sample Time:	**10:51**

Sample notes:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client:	Lisko	**EST Technician:**	C. Bachmann
Site:	Pistoia Tire Company	**Weather:**	60s Overcast
Date:	9/18/2020		

Monitoring Well #:	MW-3	**Well Depth:**	11.38 ft	**Screened/Open Interval:**	2-12 ft
Well Permit #:	NA	**Well Diameter:**	2 inches		

PID Readings (ppm)

Background:	0.0	**Pump Intake Depth:**	8.00 ft below TOC
Beneath Outer Cap:	0.0	**Depth to Water Before Pump Installation:**	3.88 ft below TOC
Beneath Inner Cap:	0.0	**Purge Method**	stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
1000	X		5.71	NA	19.16	NA	1476	NA	2.85	NA	19.7	NA	312	NA	280	3.91
1005	X		5.74	0.03	19.25	0.09	1453	-23	2.71	-0.14	11.4	-8.3	274	-38	280	3.92
1010	X		5.75	0.01	19.34	0.09	1437	-16	2.53	-0.18	7.6	-3.8	238	-36	280	3.93
1015	X		5.77	0.02	19.52	0.18	1425	-12	2.40	-0.13	2.3	-5.3	212	-26	280	3.93
1020	X		5.79	0.02	19.65	0.13	1421	-4	2.32	-0.08	-1.9	-4.2	187	-25	280	3.93
1025	X		5.80	0.01	19.78	0.13	1417	-4	2.19	-0.13	-2.7	-0.8	164	-23	280	3.94
1030	X		5.82	0.02	19.91	0.13	1415	-2	2.15	-0.04	-3.5	-0.8	158	-6	280	3.94
1035	X		5.83	0.01	20.07	0.16	1413	-2	2.13	-0.02	-3.8	-0.3	155	-3	280	3.94
1040	X		5.84	0.01	20.19	0.12	1412	-1	2.12	-0.01	-4.1	-0.3	161	6	280	3.95
1045		X	5.83	-0.01	20.31	0.12	1409	-3	2.17	0.05	-4.5	-0.4	153	-8	280	3.95

Purge Start: **9:55**
Purge End: **10:40**
Sample Time: **10:42**

Sample notes: Field Blank collected at 11:15.

***INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity**

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** C. Bachmann

Site: Pistoia Tire Company **Weather:** 60s Rain

Date: 9/18/2020

Monitoring Well #: MW-4 **Well Depth:** 14.45 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: NA **Well Diameter:** 2 inches

PID Readings (ppm)

Background: NA **Pump Intake Depth:** 10.50 ft below TOC

Beneath Outer Cap: NA **Depth to Water Before Pump Installation:** 8.38 ft below TOC

Beneath Inner Cap: NA **Purge Method** stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
755	X		6.04	NA	19.42	NA	428	NA	1.64	NA	101.5	NA	48.2	NA	280	8.41
800	X		6.01	-0.03	19.37	-0.05	423	-5	1.56	-0.08	103.4	1.9	39.1	-9.1	280	8.41
805	X		5.99	-0.02	19.45	0.08	421	-2	1.49	-0.07	105.6	2.2	32.6	-6.5	280	8.41
810	X		5.97	-0.02	19.51	0.06	419	-2	1.47	-0.02	106.7	1.1	30.5	-2.1	280	8.41
815	X		5.95	-0.02	19.60	0.09	415	-4	1.40	-0.07	107.3	0.6	27.9	-2.6	280	8.42
820	X		5.94	-0.01	19.65	0.05	413	-2	1.38	-0.02	107.8	0.5	27.6	-0.3	280	8.42
825	X		5.93	-0.01	19.71	0.06	411	-2	1.35	-0.03	108.1	0.3	27.2	-0.4	280	8.42
830		X	5.92	-0.01	19.76	0.05	409	-2	1.39	0.04	108.4	0.3	26.7	-0.5	280	8.42

Purge Start: 7:50
Purge End: 8:25
Sample Time: 8:27

Sample notes: No PID taken due to rain.

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** C. Bachmann

Site: Pistoia Tire Company **Weather:** 60s Rain

Date: 9/18/2020

Monitoring Well #: MW-5 **Well Depth:** 30.18 ft **Screened/Open Interval:** 25-30 ft

Well Permit #: NA **Well Diameter:** 2 inches

PID Readings (ppm)

Background: NA **Pump Intake Depth:** 27.50 ft below TOC

Beneath Outer Cap: NA **Depth to Water Before Pump Installation:** 6.09 ft below TOC

Beneath Inner Cap: NA **Purge Method** stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
850	X		4.42	NA	16.84	NA	167	NA	0.67	NA	103.7	NA	71.2	NA	300	6.12
855	X		4.49	0.07	16.71	-0.13	165	-2	0.62	-0.05	101.2	-2.5	63.4	-7.8	300	6.13
900	X		4.53	0.04	16.80	0.09	162	-3	0.55	-0.07	99.5	-1.7	54.5	-8.9	300	6.14
905	X		4.56	0.03	16.87	0.07	160	-2	0.53	-0.02	97.3	-2.2	46.7	-7.8	300	6.15
910	X		4.59	0.03	16.96	0.09	158	-2	0.50	-0.03	95.2	-2.1	40.9	-5.8	300	6.15
915	X		4.60	0.01	17.05	0.09	157	-1	0.47	-0.03	94.7	-0.5	38.6	-2.3	300	6.16
920	X		4.62	0.02	17.18	0.13	155	-2	0.45	-0.02	93.4	-1.3	35.2	-3.4	300	6.16
925	X		4.63	0.01	17.28	0.10	153	-2	0.43	-0.02	93.1	-0.3	34.9	-0.3	300	6.17
930	X		4.63	0.00	17.34	0.06	151	-2	0.42	-0.01	92.8	-0.3	35.4	0.5	300	6.17
935		X	4.64	0.01	17.47	0.13	150	-1	0.47	0.05	92.5	-0.3	34.7	-0.7	300	6.18

Purge Start: 8:45
Purge End: 9:30
Sample Time: 9:32

Sample notes: No PID taken due to rain.

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** M. Spata

Site: Pistoia Tire Company **Weather:** 60s Rain

Date: 9/18/2020

Monitoring Well #: MW-6 **Well Depth:** 11.25 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: NA **Well Diameter:** 2 inches

PID Readings (ppm)

Background: NA **Pump Intake Depth:** 7.25 ft below TOC

Beneath Outer Cap: NA **Depth to Water Before Pump Installation:** 3.18 ft below TOC

Beneath Inner Cap: NA **Purge Method** stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
905	X		7.21	NA	23.19	NA	647	NA	1.27	NA	-6.8	NA	over range	NA	300	3.22
910	X		6.88	-0.33	23.31	0.12	587	-60	1.00	-0.27	-6.0	0.8	over range	NA	300	3.22
915	X		6.66	-0.22	23.38	0.07	635	48	0.94	-0.06	-12.6	-6.6	over range	NA	300	3.22
920	X		6.61	-0.05	23.48	0.10	629	-6	0.83	-0.11	-7.6	5.0	over range	NA	300	3.22
925	X		6.55	-0.06	23.41	-0.07	647	18	0.89	0.06	-5.2	2.4	over range	NA	300	3.22
930	X		6.50	-0.05	23.39	-0.02	688	41	1.01	0.12	-4.0	1.2	over range	NA	300	3.22
935	X		6.48	-0.02	23.47	0.08	682	-6	0.96	-0.05	-1.9	2.1	over range	NA	300	3.22
940	X		6.46	-0.02	23.44	-0.03	679	-3	0.94	-0.02	-0.7	1.2	over range	NA	300	3.22
945		X	6.44	-0.02	23.51	0.07	673	-6	0.90	-0.04	2.0	2.7	over range	NA	300	3.22

Purge Start: 8:58
Purge End: 9:40
Sample Time: 9:41

Sample notes: No PID taken due to rain.

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

Field Instrument and Calibration Data Sheet

Site:	Pistoia Tire Company	**Client:**	Lisko		
Field Personnel:	M. Spata				
Date:	9/18/2020	**Start Time:**	6:00	**Stop:**	6:25

	Meter (model/EST ID)	Probe (EST ID)
DO	YSI 556 / MPM 05	MPP 05
pH	YSI 556 / MPM 05	MPP 05
Spec. Cond	YSI 556 / MPM 05	MPP 05
ORP	YSI 556 / MPM 05	MPP 05
Turbidity	LaMotte 2020 we / Turb 05	

* All meters are temperature compensating (except Turbidity)

Dissolved Oxygen		**Turbidity**			**ORP**	
Temp °C	11.50	**20.0 NTU**	20.0		**Temp °C**	10.45
Baro Pres.	759.2	**100 NTU**	97.7		**246mV ±**	
O2 Satur %	100	**800 NTU**	801		**10mV**	249.5
Zero mg/L	0.08	**10.0 NTU**	10.5	**(check)**		

Specific Conductance

Standard 1000 ± 10 uS/cm		**Lot # and Exp Date**
Reading	1000	A0028 Jan-25
Temp °C	10.84	

pH Calibration

				Lot # and Exp Date
Buffer 4	4.00	**Temp °C**	10.74	A9298 Oct-23
Buffer 7	7.05	**Temp °C**	11.45	A0113 Apr-22
Buffer 10	10.15	**Temp °C**	13.27	A0129 May-21

NJDEP Cert #: 03035

EST Associates, Inc.

Field Instrument and Calibration Data Sheet

Site:	Pistoia Tire Company	**Client:**	Lisko		
Field Personnel:	C. Bachmann				
Date:	9/18/2020	**Start Time:**	5:48	**Stop:**	6:12

	Meter (model/EST ID)	Probe (EST ID)
DO	YSI 556 / MPM 01	MPP 01
pH	YSI 556 / MPM 01	MPP 01
Spec. Cond	YSI 556 / MPM 01	MPP 01
ORP	YSI 556 / MPM 01	MPP 01
Turbidity	LaMotte 2020 we / Turb 08	

* All meters are temperature compensating (except Turbidity)

Dissolved Oxygen		Turbidity			ORP	
Temp °C	12.78	**20.0 NTU**	19.1		**Temp °C**	12.31
Baro Pres.	760.7	**100 NTU**	96.6		**246mV ± 10mV**	248.0
O2 Satur %	100	**800 NTU**	786			
Zero mg/L	0.12	**10.0 NTU**	9.50	**(check)**		

Specific Conductance

Standard 1000 ± 10 uS/cm		**Lot # and Exp Date**
Reading	1000	A0121 May-25
Temp °C	11.76	

pH Calibration

				Lot # and Exp Date
Buffer 4	4.00	**Temp °C**	11.93	A9298 Oct-23
Buffer 7	7.05	**Temp °C**	12.17	A0113 Apr-22
Buffer 10	10.15	**Temp °C**	12.24	A0129 May-21

NJDEP Cert #: 03035

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** M. Spata

Site: Pistoia Tire Company **Weather:** 20's, Sunny

Date: 12/18/2020

Monitoring Well #: MW-1 **Well Depth:** 11.43 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 7.50 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 1.81 ft below TOC

Beneath Inner Cap: 0.0 **Purge Method** stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
840	X		5.94	NA	11.46	NA	536	NA	2.73	NA	120.0	NA	189	NA	300	1.86
845	X		6.20	0.26	11.24	-0.22	523	-13	2.09	-0.64	103.0	-17.0	171	-18.0	300	1.86
850	X		6.21	0.01	11.24	0.00	514	-9	1.93	-0.16	96.7	-6.3	152	-19.0	300	1.86
855	X		6.23	0.02	11.31	0.07	499	-15	1.75	-0.18	91.6	-5.1	136	-16.0	300	1.86
900	X		6.22	-0.01	11.38	0.07	481	-18	1.33	-0.42	88.6	-3.0	128	-8.00	300	1.86
905	X		6.19	-0.03	11.32	-0.06	474	-7	1.17	-0.16	84.3	-4.3	122	-6.00	300	1.86
910	X		6.18	-0.01	11.29	-0.03	469	-5	0.98	-0.19	82.8	-1.5	124	2.00	300	1.86
915	X		6.16	-0.02	11.24	-0.05	467	-2	0.92	-0.06	79.3	-3.5	117	-7.00	300	1.86
920	X		6.16	0.00	11.27	0.03	463	-4	0.89	-0.03	77.4	-1.9	121	4.00	300	1.86
925		X	6.15	-0.01	11.21	-0.06	461	-2	0.83	-0.06	76.2	-1.2	127	6.00	300	1.86

Purge Start: 833
Purge End: 920
Sample Time: 921

Sample notes:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** M. Spata

Site: Pistoia Tire Company **Weather:** 30's, Sunny

Date: 12/18/2020

Monitoring Well #: MW-2 **Well Depth:** 11.58 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 8.00 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 3.29 ft below TOC

Beneath Inner Cap: 0.0 **Purge Method** stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
1100	X		6.50	NA	10.72	NA	401	NA	3.09	NA	85.2	NA	124	NA	300	3.32
1105	X		6.52	0.02	10.67	-0.05	452	51	2.76	-0.33	68.9	-16.3	116	-8.00	300	3.32
1110	X		6.45	-0.07	10.39	-0.28	458	6	2.55	-0.21	69.0	0.1	103	-13.0	300	3.32
1115	X		6.51	0.06	10.49	0.10	475	17	2.38	-0.17	68.1	-0.9	90.2	-12.8	300	3.32
1120	X		6.53	0.02	10.40	-0.09	486	11	1.93	-0.45	65.2	-2.9	92.4	2.20	300	3.32
1125	X		6.54	0.01	10.35	-0.05	594	108	1.74	-0.19	62.6	-2.6	85.6	-6.80	300	3.32
1130	X		6.56	0.02	10.28	-0.07	598	4	1.68	-0.06	60.3	-2.3	82.3	-3.30	300	3.32
1135	X		6.57	0.01	10.22	-0.06	601	3	1.63	-0.05	58.0	-2.3	79.5	-2.80	300	3.32
1140		X	6.55	-0.02	10.14	-0.08	609	8	1.57	-0.06	55.8	-2.2	77.6	-1.90	300	3.32

Purge Start: 1052
Purge End: 1135
Sample Time: 1136

Sample notes: Trip Blank :12/17/20 @1409
Field Blank collected at 1200

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** F. Marinero

Site: Pistoia Tire Company **Weather:** 20's, Sunny

Date: 12/18/2020

Monitoring Well #: MW-3 **Well Depth:** 11.38 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 7.00 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 2.82 ft below TOC

Beneath Inner Cap: 0.0 **Purge Method** stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
855	X		7.55	NA	9.23	NA	235	NA	4.92	NA	-35.9	NA	629	NA	280	2.85
900	X		7.19	-0.36	9.61	0.38	291	56	4.35	-0.57	-109.9	-74.0	561	-68.0	280	2.85
905	X		7.12	-0.07	9.40	-0.21	304	13	4.09	-0.26	-147.8	-37.9	524	-37.0	280	2.85
910	X		6.99	-0.13	9.51	0.11	347	43	4.07	-0.02	-133.1	14.7	489	-35.0	280	2.88
915	X		6.87	-0.12	9.86	0.35	391	44	3.57	-0.50	-168.9	-35.8	462	-27.0	280	2.88
920	X		6.79	-0.08	9.88	0.02	425	34	3.33	-0.24	-140.0	28.9	452	-10.0	280	2.88
925	X		6.74	-0.05	9.89	0.01	452	27	3.16	-0.17	-137.2	2.8	440	-12.0	280	2.91
930	X		6.71	-0.03	9.87	-0.02	479	27	3.00	-0.16	-132.0	5.2	421	-19.0	280	2.91
935	X		6.68	-0.03	9.84	-0.03	491	12	2.86	-0.14	-135.8	-3.8	407	-14.0	280	2.91
940	X		6.65	-0.03	9.81	-0.03	506	15	2.79	-0.07	-139.6	-3.8	395	-12.0	280	2.91
945		X	6.63	-0.02	9.77	-0.04	508	2	2.75	-0.04	-141.7	-2.1	379	-16.0	280	2.91

Purge Start: 848
Purge End: 940
Sample Time: 941

Sample notes:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** F. Marinero

Site: Pistoia Tire Company **Weather:** 20's, Sunny

Date: 12/18/2020

Monitoring Well #: MW-4 **Well Depth:** 14.45 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 8.50 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 5.01 ft below TOC

Beneath Inner Cap: 0.0 **Purge Method** stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
1015	X		5.81	NA	10.90	NA	67	NA	1.13	NA	-106.4	NA	36.7	NA	280	5.02
1020	X		5.62	-0.19	11.40	0.50	59	-8	2.08	0.95	-102.7	3.7	23.1	-13.6	280	5.02
1025	X		5.50	-0.12	11.98	0.58	56	-3	1.51	-0.57	-125.3	-22.6	12.9	-10.2	280	5.03
1030	X		5.43	-0.07	12.07	0.09	56	0	1.08	-0.43	-146.9	-21.6	10.4	-2.50	280	5.04
1035	X		5.39	-0.04	12.44	0.37	53	-3	0.96	-0.12	-157.6	-10.7	8.28	-2.12	280	5.04
1040	X		5.37	-0.02	12.35	-0.09	53	0	0.91	-0.05	-152.3	5.3	8.63	0.35	280	5.04
1045	X		5.36	-0.01	12.46	0.11	55	2	0.89	-0.02	-159.4	-7.1	8.00	-0.63	280	5.04
1050		X	5.35	-0.01	12.50	0.04	55	0	0.88	-0.01	-162.3	-2.9	7.76	-0.24	280	5.04

Purge Start: 1006
Purge End: 1045
Sample Time: 1046

Sample notes:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** F. Marinero

Site: Pistoia Tire Company **Weather:** 20's, Sunny

Date: 12/18/2020

Monitoring Well #: MW-5 **Well Depth:** 30.18 ft **Screened/Open Interval:** 25-30 ft

Well Permit #: N/A **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 27.50 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 7.06 ft below TOC

Beneath Inner Cap: 0.0 **Purge Method** stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
1115	X		5.81	NA	8.09	NA	138	NA	3.37	NA	-140.6	NA	74.6	NA	300	7.07
1120	X		5.86	0.05	8.26	0.17	141	3	3.20	-0.17	-155.1	-14.5	71.1	-3.50	300	7.07
1125	X		5.90	0.04	8.09	-0.17	143	2	3.03	-0.17	-147.1	8.0	68.7	-2.40	300	7.08
1130	X		5.93	0.03	8.52	0.43	145	2	2.93	-0.10	-155.8	-8.7	59.3	-9.40	300	7.08
1135	X		5.95	0.02	8.44	-0.08	150	5	2.80	-0.13	-155.8	0.0	54.0	-5.30	300	7.08
1140	X		5.96	0.01	8.92	0.48	152	2	2.69	-0.11	-154.0	1.8	50.2	-3.80	300	7.08
1145	X		5.97	0.01	8.94	0.02	154	2	2.58	-0.11	-155.4	-1.4	48.7	-1.50	300	7.08
1150	X		5.98	0.01	8.99	0.05	154	0	2.63	0.05	-155.6	-0.2	46.4	-2.30	300	7.08
1155		X	5.98	0.00	9.03	0.04	155	1	2.65	0.02	-156.0	-0.4	43.9	-2.50	300	7.08

Purge Start: 1105
Purge End: 1150
Sample Time: 1151

Sample notes:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** M. Spata

Site: Pistoia Tire Company **Weather:** 20's, Sunny

Date: 12/18/2020

Monitoring Well #: MW-6 **Well Depth:** 11.25 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 7.25 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 2.16 ft below TOC

Beneath Inner Cap: 0.0 **Purge Method** stainless steel submersible pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
950	X		6.49	NA	11.11	NA	722	NA	3.52	NA	96.0	NA	824	NA	300	2.22
955	X		6.42	-0.07	11.09	-0.02	700	-22	2.79	-0.73	93.0	-3.0	305	-519	300	2.22
1000	X		6.41	-0.01	11.12	0.03	626	-74	2.30	-0.49	89.1	-3.9	241	-64.0	300	2.22
1005	X		6.44	0.03	11.05	-0.07	588	-38	2.18	-0.12	89.3	0.2	215	-26.0	300	2.22
1010	X		6.38	-0.06	11.19	0.14	551	-37	2.06	-0.12	91.2	1.9	219	4.00	300	2.22
1015	X		6.35	-0.03	11.26	0.07	526	-25	1.94	-0.12	92.4	1.2	206	-13.0	300	2.22
1020	X		6.33	-0.02	11.33	0.07	482	-44	1.89	-0.05	93.3	0.9	209	3.00	300	2.22
1025	X		6.28	-0.05	11.36	0.03	480	-2	1.83	-0.06	95.6	2.3	214	5.00	300	2.22
1030	X		6.26	-0.02	11.30	-0.06	476	-4	1.80	-0.03	96.1	0.5	201	-13.0	300	2.22
1035		X	6.23	-0.03	11.22	-0.08	471	-5	1.76	-0.04	98.2	2.1	193	-8.00	300	2.22

Purge Start: 944
Purge End: 1030
Sample Time: 1031

Sample notes:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

Field Instrument and Calibration Data Sheet

Site:	Pistoia Tire	**Client:**	Lisko		
Field Personnel:	F. Marinero				
Date:	12/18/2020	**Start Time:**	6:40	**Stop:**	7:00

	Meter (model/EST ID)	Probe (EST ID)
DO	YSI 556 / MPM 02	MPP 02
pH	YSI 556 / MPM 02	MPP 02
Spec. Cond	YSI 556 / MPM 02	MPP 02
ORP	YSI 556 / MPM 02	MPP 02
Turbidity	HACH 2100Q / Turb 09	

* All meters are temperature compensating (except Turbidity)

Dissolved Oxygen		Turbidity			ORP	
Temp °C	13.59	**20.0 NTU**	24.5		**Temp °C**	10.13
Baro Pres.	767.1	**100 NTU**	110		**246mV ±**	
O2 Satur %	100	**800 NTU**	809		**10mV**	249.0
Zero mg/L	0.07	**10.0 NTU**	9.29	**(check)**		

Specific Conductance

Standard 1000 ± 10 uS/cm		**Lot # and Exp Date**
Reading	1000	A0169 Jun-24
Temp °C	10.47	

pH Calibration

				Lot # and Exp Date
Buffer 4	4.00	**Temp °C**	13.40	A0246 Sep-24
Buffer 7	7.05	**Temp °C**	13.71	A0113 Apr-22
Buffer 10	10.15	**Temp °C**	13.72	A0129 May-21

NJDEP Cert #: 03035

EST Associates, Inc.

Field Instrument and Calibration Data Sheet

Site:	Pistoia Tire	**Client:**	Lisko		
Field Personnel:	M. Spata				
Date:	12/18/2020	**Start Time:**	6:30	**Stop:**	7:00

	Meter (model/EST ID)	Probe (EST ID)
DO	YSI 556 / MPM 05	MPP 05
pH	YSI 556 / MPM 05	MPP 05
Spec. Cond	YSI 556 / MPM 05	MPP 05
ORP	YSI 556 / MPM 05	MPP 05
Turbidity	HACH 2100Q / Turb 05	

* All meters are temperature compensating (except Turbidity)

Dissolved Oxygen		Turbidity			ORP	
Temp °C	11.99	**20.0 NTU**	19.4		**Temp °C**	10.21
Baro Pres.	767.5	**100 NTU**	99.9		**246mV ± 10mV**	250.0
O2 Satur %	100	**800 NTU**	800			
Zero mg/L	0.08	**10.0 NTU**	10.3	**(check)**		

Specific Conductance

Standard 1000 ± 10 uS/cm		**Lot # and Exp Date**
Reading	1000	A0169 Jun-24
Temp °C	12.83	

pH Calibration

				Lot # and Exp Date
Buffer 4	4.00	**Temp °C**	13.40	A0246 Sep-24
Buffer 7	7.05	**Temp °C**	12.28	A0113 Apr-22
Buffer 10	10.16	**Temp °C**	11.72	A0129 May-21

NJDEP Cert #: 03035

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** C. Bachmann

Site: Pistoia Tire Company **Weather:** 60s Overcast

Date: 5/4/2021

Monitoring Well #: MW-1 **Well Depth:** 11.43 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 7.50 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 2.56 ft below TOC

Beneath Inner Cap: 0.0 **Purge Method** peristaltic pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
825	x		6.21	NA	14.89	NA	506	NA	1.64	NA	127.4	NA	161	NA	200	2.63
830	x		6.23	0.02	14.87	-0.02	501	-5	1.50	-0.14	125.9	-1.5	154	-7	200	2.64
835	x		6.25	0.02	14.85	-0.02	497	-4	1.43	-0.07	124.3	-1.6	147	-7	200	2.65
840	x		6.27	0.02	14.98	0.13	493	-4	1.27	-0.16	121.8	-2.5	153	6	200	2.66
845	x		6.26	-0.01	15.11	0.13	488	-5	1.23	-0.04	117.6	-4.2	142	-11	200	2.67
850	x		6.28	0.02	15.19	0.08	482	-6	1.19	-0.04	115.4	-2.2	131	-11	200	2.68
855	x		6.29	0.01	15.27	0.08	476	-6	1.15	-0.04	113.1	-2.3	117	-14	200	2.68
900	x		6.30	0.01	15.36	0.09	474	-2	1.12	-0.03	110.9	-2.2	109	-8	200	2.69
905	x		6.29	-0.01	15.43	0.07	471	-3	1.14	0.02	109.5	-1.4	102	-7	200	2.69
910	x		6.30	0.01	15.51	0.08	468	-3	1.11	-0.03	109.1	-0.4	97.3	-4.7	200	2.70
915	x		6.31	0.01	15.64	0.13	465	-3	1.09	-0.02	108.7	-0.4	96.4	-0.9	200	2.70
920	x		6.32	0.01	15.73	0.09	463	-2	1.07	-0.02	108.3	-0.4	94.8	-1.6	200	2.71
925	x		6.32	0.00	15.79	0.06	461	-2	1.05	-0.02	107.9	-0.4	95.6	0.8	200	2.71
930	x		6.33	0.01	15.85	0.06	459	-2	1.08	0.03	107.5	-0.4	94.1	-1.5	200	2.72
935	x		6.32	-0.01	15.92	0.07	457	-2	1.04	-0.04	107.1	-0.4	95.4	1.3	200	2.72
940	x		6.31	-0.01	15.99	0.07	454	-3	1.05	0.01	106.8	-0.3	94.7	-0.7	200	2.73

Purge Start: 8:20
Purge End: 9:40
Sample Time: 9:42

Sample notes:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** C. Bachmann

Site: Pistoia Tire Company **Weather:** 60s Overcast

Date: 5/4/2021

Monitoring Well #: MW-2 **Well Depth:** 11.58 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 8.00 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 4.12 ft below TOC

Beneath Inner Cap: 0.0 **Purge Method** peristaltic pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
955	x		6.79	NA	15.82	NA	434	NA	1.86	NA	-53.6	NA	158	NA	200	4.16
1000	x		6.77	-0.02	15.87	0.05	431	-3	1.79	-0.07	-54.3	-0.7	140	-18	200	4.17
1005	x		6.74	-0.03	15.93	0.06	429	-2	1.74	-0.05	-55.9	-1.6	127	-13	200	4.17
1010	x		6.72	-0.02	16.08	0.15	427	-2	1.68	-0.06	-57.1	-1.2	116	-11	200	4.17
1015	x		6.71	-0.01	16.14	0.06	426	-1	1.64	-0.04	-57.8	-0.7	105	-11	200	4.18
1020	x		6.70	-0.01	16.22	0.08	423	-3	1.62	-0.02	-58.6	-0.8	96.3	-8.7	200	4.18
1025	x		6.68	-0.02	16.34	0.12	421	-2	1.59	-0.03	-58.9	-0.3	92.4	-3.9	200	4.18
1030	x		6.67	-0.01	16.45	0.11	419	-2	1.57	-0.02	-59.2	-0.3	88.3	-4.1	200	4.18
1035	x		6.65	-0.02	16.56	0.11	417	-2	1.54	-0.03	-59.5	-0.3	84.6	-3.7	200	4.19
1040	x		6.64	-0.01	16.67	0.11	416	-1	1.51	-0.03	-59.8	-0.3	80.2	-4.4	200	4.19
1045	x		6.63	-0.01	16.76	0.09	414	-2	1.49	-0.02	-60.2	-0.4	78.3	-1.9	200	4.19
150	x		6.61	-0.02	16.84	0.08	411	-3	1.47	-0.02	-60.5	-0.3	76.4	-1.9	200	4.19
1055	x		6.60	-0.01	16.92	0.08	409	-2	1.44	-0.03	-60.9	-0.4	76.9	0.5	200	4.20
1100	x		6.61	0.01	17.01	0.09	408	-1	1.42	-0.02	-61.2	-0.3	75.8	-1.1	200	4.20
1105	x		6.60	-0.01	17.12	0.11	406	-2	1.40	-0.02	-61.5	-0.3	75.3	-0.5	200	4.20
1110	x		6.59	-0.01	17.19	0.07	403	-3	1.41	0.01	-61.7	-0.2	75.7	0.4	200	4.21

Purge Start: 9:50
Purge End: 11:10
Sample Time: 11:12

Sample notes:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** F. Marinero

Site: Pistoia Tire Company **Weather:** 60s Overcast

Date: 5/4/2021

Monitoring Well #: MW-3 **Well Depth:** 11.38 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: NA **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 8.00 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 3.58 ft below TOC

Beneath Inner Cap: 0.0 **Purge Method** peristaltic pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
825	x		5.90	NA	14.47	NA	687	NA	0.60	NA	87.7	NA	287	NA	200	3.60
830	x		5.99	0.09	14.68	0.21	679	-8	0.94	0.34	74.7	-13.0	251	-36	200	3.60
835	x		6.08	0.09	14.93	0.25	653	-26	2.19	1.25	50.2	-24.5	265	14	200	3.60
840	x		6.11	0.03	14.96	0.03	627	-26	1.76	-0.43	41.7	-8.5	226	-39	200	3.60
845	x		6.14	0.03	14.91	-0.05	614	-13	1.38	-0.38	35.8	-5.9	202	-24	200	3.60
850	x		6.16	0.02	14.91	0.00	588	-26	1.25	-0.13	30.6	-5.2	181	-21	200	3.61
855	x		6.18	0.02	15.03	0.12	566	-22	0.85	-0.40	26.7	-3.9	156	-25	200	3.62
900	x		6.20	0.02	15.12	0.09	556	-10	0.77	-0.08	24.6	-2.1	147	-9	200	3.62
905	x		6.21	0.01	15.12	0.00	554	-2	0.56	-0.21	23.4	-1.2	134	-13	200	3.62
910	x		6.21	0.00	15.07	-0.05	552	-2	0.76	0.20	22.7	-0.7	121	-13	200	3.62
915	x		6.23	0.02	15.11	0.04	552	0	0.73	-0.03	21.9	-0.8	126	5	200	3.62
920	x		6.23	0.00	15.05	-0.06	552	0	0.72	-0.01	21.1	-0.8	115	-11	200	3.62
925	x		6.23	0.00	15.09	0.04	552	0	0.69	-0.03	20.8	-0.3	118	3	200	3.62

Purge Start: 8:19
Purge End: 9:25
Sample Time: 9:26

Sample notes:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client:	Lisko	**EST Technician:**	F. Marinero
Site:	Pistoia Tire Company	**Weather:**	70s Cloudy
Date:	5/4/2021		

Monitoring Well #:	MW-4	**Well Depth:**	14.45 ft	**Screened/Open Interval:**	2-12 ft
Well Permit #:	NA	**Well Diameter:**	2 inches		

PID Readings (ppm)

Background:	0.0	**Pump Intake Depth:**	10.50 ft below TOC
Beneath Outer Cap:	0.0	**Depth to Water Before Pump Installation:**	7.81 ft below TOC
Beneath Inner Cap:	0.0	**Purge Method**	peristaltic pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
950	x		6.02	NA	14.71	NA	210	NA	1.29	NA	39.3	NA	42.7	NA	200	7.84
955	x		6.05	0.03	15.02	0.31	213	3	1.17	-0.12	37.2	-2.1	48.6	5.9	200	7.84
1000	x		6.09	0.04	15.31	0.29	215	2	1.03	-0.14	36.7	-0.5	34.8	-13.8	200	7.84
1005	x		6.12	0.03	15.46	0.15	215	0	1.26	0.23	36.2	-0.5	40.9	6.1	200	7.84
1010	x		6.13	0.01	15.67	0.21	215	0	1.33	0.07	35.1	-1.1	39.6	-1.3	200	7.86
1015	x		6.13	0.00	15.73	0.06	212	-3	1.30	-0.03	35.8	0.7	47.9	8.3	200	7.86
1020	x		6.13	0.00	15.81	0.08	211	-1	1.08	-0.22	36.0	0.2	46.3	-1.6	200	7.86
1025	x		6.12	-0.01	16.94	1.13	210	-1	0.96	-0.12	36.9	0.9	54.6	8.3	200	7.86
1030	x		6.12	0.00	16.04	-0.90	208	-2	0.88	-0.08	37.6	0.7	42.5	-12.1	200	7.86
1035	x		6.12	0.00	16.09	0.05	208	0	0.89	0.01	38.1	0.5	33.1	-9.4	200	7.86
1040	x		6.11	-0.01	16.61	0.52	207	-1	0.89	0.00	39.2	1.1	34.0	0.9	200	7.86
1045	x		6.11	0.00	16.53	-0.08	208	1	0.89	0.00	39.6	0.4	32.7	-1.3	200	7.86
1050	x		6.11	0.00	16.48	-0.05	208	0	0.89	0.00	39.9	0.3	31.4	-1.3	200	7.86

Purge Start: 9:43
Purge End: 10:50
Sample Time: 10:51

Sample notes:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client:	Lisko	**EST Technician:**	F. Marinero
Site:	Pistoia Tire Company	**Weather:**	80s Cloudy
Date:	5/4/2021		

Monitoring Well #:	MW-5	**Well Depth:**	30.18 ft	**Screened/Open Interval:**	25-30 ft
Well Permit #:	NA	**Well Diameter:**	2 inches		

PID Readings (ppm)

Background:	0.0	**Pump Intake Depth:**	27.50 ft below TOC
Beneath Outer Cap:	0.0	**Depth to Water Before Pump Installation:**	5.96 ft below TOC
Beneath Inner Cap:	0.0	**Purge Method**	peristaltic pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
1130	x		5.36	NA	15.70	NA	44	NA	0.60	NA	63.7	NA	61.0	NA	200	5.99
1135	x		5.17	-0.19	17.50	1.80	41	-3	0.53	-0.07	60.2	-3.5	57.3	-3.7	200	5.99
1140	x		5.17	0.00	17.89	0.39	41	0	0.59	0.06	57.0	-3.2	52.2	-5.1	200	5.99
1145	x		5.11	-0.06	17.62	-0.27	40	-1	0.97	0.38	57.2	0.2	44.7	-7.5	200	6.04
1150	x		5.08	-0.03	17.20	-0.42	37	-3	1.31	0.34	57.6	0.4	46.1	1.4	200	6.04
1155	x		5.03	-0.05	17.31	0.11	37	0	0.86	-0.45	59.5	1.9	40.4	-5.7	200	6.04
1200	x		5.00	-0.03	17.41	0.10	37	0	0.56	-0.30	59.5	0.0	35.3	-5.1	200	6.04
1205	x		5.01	0.01	17.48	0.07	37	0	0.51	-0.05	59.6	0.1	37.9	2.6	200	6.07
1210	x		4.97	-0.04	17.57	0.09	38	1	0.48	-0.03	59.7	0.1	35.8	-2.1	200	6.07
1215	x		4.96	-0.01	17.60	0.03	37	-1	0.44	-0.04	62.0	2.3	35.0	-0.8	200	6.07
1220	x		4.97	0.01	17.86	0.26	37	0	0.47	0.03	61.9	-0.1	34.6	-0.4	200	6.07
1225	x		4.94	-0.03	17.64	-0.22	36	-1	0.41	-0.06	65.1	3.2	35.7	1.1	200	6.07
1230	x		4.93	-0.01	17.49	-0.15	35	-1	0.40	-0.01	65.8	0.7	35.9	0.2	200	6.07
1235	x		4.92	-0.01	17.32	-0.17	35	0	0.37	-0.03	66.4	0.6	32.1	-3.8	200	6.07
1240	x		4.91	-0.01	17.53	0.21	36	1	0.40	0.03	66.8	0.4	33.2	1.1	200	6.07
1245	x		4.91	0.00	17.67	0.14	36	0	0.37	-0.03	67.0	0.2	30.6	-2.6	200	6.07

Purge Start:	**11:24**
Purge End:	**12:45**
Sample Time:	**12:46**

Sample notes:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko | **EST Technician:** C. Bachmann

Site: Pistoia Tire Company | **Weather:** 60s Overcast

Date: 5/4/2021

Monitoring Well #: MW-6 | **Well Depth:** 11.25 ft | **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A | **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 | **Pump Intake Depth:** 7.50 ft below TOC

Beneath Outer Cap: 0.0 | **Depth to Water Before Pump Installation:** 2.92 ft below TOC

Beneath Inner Cap: 0.0 | **Purge Method** peristaltic pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
1125	x		6.51	NA	17.67	NA	719	NA	1.73	NA	-14.3	NA	758	NA	200	2.96
1130	x		6.53	0.02	17.61	-0.06	712	-7	1.61	-0.12	13.8	28.1	637	-121	200	2.97
1135	x		6.52	-0.01	17.54	-0.07	707	-5	1.54	-0.07	-13.2	-27.0	586	-51	200	2.98
1140	x		6.50	-0.02	17.62	0.08	703	-4	1.47	-0.07	-12.7	0.5	514	-72	200	2.98
1145	x		6.49	-0.01	17.73	0.11	698	-5	1.43	-0.04	-12.3	0.4	473	-41	200	2.98
1150	x		6.49	0.00	17.84	0.11	695	-3	1.39	-0.04	-11.8	0.5	389	-84	200	2.99
1155	x		6.48	-0.01	17.96	0.12	692	-3	1.34	-0.05	-11.4	0.4	326	-63	200	2.99
1200	x		6.47	-0.01	18.05	0.09	688	-4	1.28	-0.06	-11.0	0.4	282	-44	200	2.99
1205	x		6.48	0.01	18.13	0.08	684	-4	1.25	-0.03	-10.6	0.4	263	-19	200	3.00
1210	x		6.46	-0.02	18.21	0.08	681	-3	1.23	-0.02	-10.2	0.4	259	-4	200	3.00
1215	x		6.45	-0.01	18.32	0.11	679	-2	1.21	-0.02	-9.7	0.5	254	-5	200	3.01
1220	x		6.44	-0.01	18.40	0.08	677	-2	1.24	0.03	-9.4	0.3	249	-5	200	3.01
1225	x		6.42	-0.02	18.46	0.06	675	-2	1.26	0.02	-9.1	0.3	247	-2	200	3.01
1230	x		6.41	-0.01	18.53	0.07	674	-1	1.23	-0.03	-8.8	0.3	248	1	200	3.01
1235	x		6.40	-0.01	18.59	0.06	672	-2	1.21	-0.02	-8.5	0.3	251	3	200	3.01
1240	x		6.41	0.01	18.67	0.08	671	-1	1.19	-0.02	-8.2	0.3	246	-5	200	3.02

Purge Start: 11:20
Purge End: 12:40
Sample Time: 12:42

Sample notes: Field Blank collected at 12:50

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

Field Instrument and Calibration Data Sheet

Site:	Pistoia Tire Company	**Client:**	Lisko		
Field Personnel:	C. Bachmann				
Date:	5/4/2021	**Start Time:**	6:10	**Stop:**	6:40

	Meter (model/EST ID)	Probe (EST ID)
DO	YSI 556 / MPM 01	MPP 01
pH	YSI 556 / MPM 01	MPP 01
Spec. Cond	YSI 556 / MPM 01	MPP 01
ORP	YSI 556 / MPM 01	MPP 01
Turbidity	HACH 2100Q / Turb 08	

* All meters are temperature compensating (except Turbidity)

Dissolved Oxygen		Turbidity			ORP	
Temp °C	13.18	**20.0 NTU**	20.7		**Temp °C**	11.73
Baro Pres.	755.3	**100 NTU**	97.8		**246mV ±**	
O2 Satur %	100	**800 NTU**	797		**10mV**	248.0
Zero mg/L	0.08	**10.0 NTU**	9.98	**(check)**		

Specific Conductance

Standard 1000 ± 10 uS/cm		**Lot # and Exp Date**
Reading	1000	A0315 Jan-25
Temp °C	12.54	

pH Calibration

				Lot # and Exp Date
Buffer 4	4.00	**Temp °C**	12.42	A0246 Sep-24
Buffer 7	7.05	**Temp °C**	12.39	A0346 Dec-22
Buffer 10	10.15	**Temp °C**	12.51	A1013 Jan-22

NJDEP Cert #: 03035

EST Associates, Inc.

Field Instrument and Calibration Data Sheet

Site:	Pistoia Tire Company	**Client:**	Lisko		
Field Personnel:	F. Marinero				
Date:	5/4/2021	**Start Time:**	6:40	**Stop:**	7:08

	Meter (model/EST ID)	Probe (EST ID)
DO	YSI 556 / MPM 02	MPP 02
pH	YSI 556 / MPM 02	MPP 02
Spec. Cond	YSI 556 / MPM 02	MPP 02
ORP	YSI 556 / MPM 02	MPP 02
Turbidity	HACH 2100Q / Turb 09	

* All meters are temperature compensating (except Turbidity)

Dissolved Oxygen		**Turbidity**			**ORP**	
Temp °C	13.68	**20.0 NTU**	21.2		**Temp °C**	11.16
Baro Pres.	753.6	**100 NTU**	107		**246mV ±**	
O2 Satur %	100	**800 NTU**	806		**10mV**	248.5
Zero mg/L	0.08	**10.0 NTU**	9.56	**(check)**		

Specific Conductance

Standard 1000 ± 10 uS/cm		**Lot # and Exp Date**
Reading	1000	A0315 Jan-25
Temp °C	10.94	

pH Calibration

				Lot # and Exp Date
Buffer 4	4.00	**Temp °C**	10.57	A0246 Sep-24
Buffer 7	7.05	**Temp °C**	11.36	A0346 Dec-22
Buffer 10	10.15	**Temp °C**	11.78	A1013 Jan-22

NJDEP Cert #: 03035

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** S. Edelson

Site: Pistoia Tire Co. **Weather:** Sunny 70's

Date: 8/5/2021

Monitoring Well #: MW-1 **Well Depth:** 11.43 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 7.50 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 3.49 ft below TOC

Beneath Inner Cap: 0.0 **Purge Method** peristaltic pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
830	X		6.25	NA	25.82	NA	2330	NA	1.40	NA	199.8	NA	25.8	NA	200	3.55
835	X		6.00	-0.25	25.74	-0.08	2516	186	0.93	-0.47	198.6	-1.2	21.5	-4.3	200	3.55
840	X		5.86	-0.14	25.77	0.03	2596	80	0.36	-0.57	198.0	-0.6	20.8	-0.7	200	3.55
845	X		5.79	-0.07	25.76	-0.01	2656	60	0.15	-0.21	197.0	-1.0	21.5	0.7	200	3.57
850	X		5.76	-0.03	25.79	0.03	2687	31	0.23	0.08	196.2	-0.8	21.9	0.4	200	3.59
855	X		5.74	-0.02	25.76	-0.03	2700	13	0.21	-0.02	195.4	-0.8	21.0	-0.9	200	3.59
900	X		5.73	-0.01	25.74	-0.02	2723	23	0.22	0.01	194.7	-0.7	21.5	0.5	200	3.61

Purge Start: 8:24
Purge End: 9:00
Sample Time: 9:01

Sample notes:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko | **EST Technician:** S. Edelson

Site: Pistoia Tire Co. | **Weather:** Sunny, 80's

Date: 8/5/2021

Monitoring Well #: MW-2 | **Well Depth:** 11.58 ft | **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A | **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 | **Pump Intake Depth:** 7.50 ft below TOC

Beneath Outer Cap: 0.0 | **Depth to Water Before Pump Installation:** 5.10 ft below TOC

Beneath Inner Cap: 0.0 | **Purge Method** peristaltic pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
1020	X		6.06	NA	22.25	NA	1384	NA	0.68	NA	189.7	NA	19.2	NA	200	5.12
1025	X		6.07	0.01	22.08	-0.17	1372	-12	0.65	-0.03	188.0	-1.7	19.6	0.4	200	5.12
1030	X		6.07	0.00	22.19	0.11	1356	-16	0.62	-0.03	187.5	-0.5	19.9	0.3	200	5.12
1035	X		6.07	0.00	22.19	0.00	1360	4	0.60	-0.02	187.0	-0.5	18.5	-1.4	200	5.12

Purge Start: 10:13
Purge End: 10:35
Sample Time: 10:36

Sample notes:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** Z. Moir

Site: Pistoia Tire Co. **Weather:** Partly Cloudy, 80's

Date: 8/5/2021

Monitoring Well #: MW-3 **Well Depth:** 11.33 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 8.00 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 4.52 ft below TOC

Beneath Inner Cap: 0.5 **Purge Method** peristaltic pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
1110	X		5.08	NA	20.91	NA	978	NA	1.33	NA	126.1	NA	33.3	NA	175	4.59
1115	X		5.31	0.23	21.07	0.16	1094	116	1.38	0.05	112.5	-13.6	31.7	-1.6	175	4.59
1120	X		5.50	0.19	21.17	0.10	1175	81	1.40	0.02	96.1	-16.4	29.5	-2.2	175	4.59
1125	X		5.63	0.13	21.25	0.08	1239	64	1.42	0.02	84.3	-11.8	29.6	0.1	175	4.59
1130	X		5.70	0.07	21.31	0.06	1272	33	1.44	0.02	76.4	-7.9	27.4	-2.2	175	4.59
1135	X		5.72	0.02	21.24	-0.07	1304	32	1.41	-0.03	73.9	-2.5	24.2	-3.2	175	4.59
1140	X		5.72	0.00	21.17	-0.07	1327	23	1.38	-0.03	72.8	-1.1	21.0	-3.2	175	4.59
1145	X		5.73	0.01	21.13	-0.04	1338	11	1.35	-0.03	72.3	-0.5	21.3	0.3	175	4.59
1150	X		5.73	0.00	21.07	-0.06	1351	13	1.34	-0.01	71.9	-0.4	22.6	1.3	175	4.59

Purge Start: 11:05
Purge End: 11:50
Sample Time: 11:51

Sample notes: Yellow-Orange tinted purge water.

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko **EST Technician:** Z. Moir

Site: Pistoia Tire Co. **Weather:** Sunny, 70's

Date: 8/5/2021

Monitoring Well #: MW-4 **Well Depth:** 14.37 ft **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 **Pump Intake Depth:** 10.75 ft below TOC

Beneath Outer Cap: 0.0 **Depth to Water Before Pump Installation:** 9.46 ft below TOC

Beneath Inner Cap: 0.0 **Purge Method** peristaltic pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
850	X		5.80	NA	18.70	NA	497	NA	1.73	NA	154.5	NA	52.5	NA	200	9.57
855	X		5.75	-0.05	18.60	-0.10	495	-2	1.38	-0.35	150.0	-4.5	46.7	-5.8	200	9.57
900	X		5.69	-0.06	18.64	0.04	494	-1	1.16	-0.22	146.7	-3.3	38.9	-7.8	200	9.58
905	X		5.65	-0.04	18.59	-0.05	492	-2	0.98	-0.18	143.5	-3.2	32.3	-6.6	200	9.58
910	X		5.62	-0.03	18.56	-0.03	491	-1	0.86	-0.12	141.1	-2.4	35.7	3.4	200	9.58
915	X		5.59	-0.03	18.53	-0.03	490	-1	0.75	-0.11	139.2	-1.9	29.5	-6.2	200	9.59
920	X		5.57	-0.02	18.53	0.00	488	-2	0.66	-0.09	136.2	-3.0	26.8	-2.7	200	9.59
925	X		5.56	-0.01	18.57	0.04	486	-2	0.58	-0.08	134.5	-1.7	24.9	-1.9	200	9.60
930	X		5.56	0.00	18.61	0.04	485	-1	0.56	-0.02	133.0	-1.5	24.0	-0.9	200	9.60
935	X		5.55	-0.01	18.57	-0.04	484	-1	0.55	-0.01	131.6	-1.4	24.7	0.7	200	9.61
940	X		5.56	0.01	18.62	0.05	481	-3	0.57	0.02	130.7	-0.9	24.6	-0.1	200	9.61

Purge Start: 8:45
Purge End: 9:40
Sample Time: 9:41

Sample notes: Turbidity started fluctuating, sample taken at stabalization.

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko | **EST Technician:** Z. Moir

Site: Pistoia Tire Co. | **Weather:** Partly Cloudy, 70's

Date: 8/5/2021

Monitoring Well #: MW-5 | **Well Depth:** 30.12 ft | **Screened/Open Interval:** 25-30 ft

Well Permit #: N/A | **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 | **Pump Intake Depth:** 27.50 ft below TOC

Beneath Outer Cap: 0.0 | **Depth to Water Before Pump Installation:** 7.24 ft below TOC

Beneath Inner Cap: 0.0 | **Purge Method** peristaltic pump

TIME	Purging	Sampling	pH (pH units) Reading	pH Change	Temperature (°C) Reading	Temperature Change	Specific Conductivity (uS/cm) Reading	Specific Conductivity Change	Dissolved Oxygen (mg/L) Reading	Dissolved Oxygen Change	Redox Potential (mV) Reading	Redox Potential Change	Turbidity (NTU) Reading	Turbidity Change	Pumping Rate (ml/min)	Depth to Water (ft below TOC)
1010	X		4.33	NA	16.30	NA	86	NA	0.97	NA	156.2	NA	16.4	NA	200	7.26
1015	X		4.22	-0.11	16.24	-0.06	69	-17	0.90	-0.07	162.6	6.4	9.25	-7.15	200	7.26
1020	X		4.14	-0.08	16.25	0.01	57	-12	0.85	-0.05	167.1	4.5	6.37	-2.88	200	7.26
1025	X		4.04	-0.10	16.28	0.03	45	-12	0.84	-0.01	171.5	4.4	4.96	-1.41	200	7.26
1030	X		3.99	-0.05	16.27	-0.01	43	-2	0.81	-0.03	172.9	1.4	3.35	-1.61	200	7.26
1035	X		3.95	-0.04	16.25	-0.02	42	-1	0.83	0.02	174.2	1.3	2.86	-0.49	200	7.26
1040	X		3.92	-0.03	16.24	-0.01	42	0	0.87	0.04	175.8	1.6	2.51	-0.35	200	7.26
1045	X		3.88	-0.04	16.28	0.04	42	0	0.90	0.03	177.1	1.3	2.38	-0.13	200	7.26
1050	X		3.86	-0.02	16.33	0.05	41	-1	0.93	0.03	178.2	1.1	2.30	-0.08	200	7.26

Purge Start: 10:02
Purge End: 10:50
Sample Time: 10:51

Sample notes: Very low specific conductivity, similar to previous events.

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

LOW FLOW SAMPLING
FIELD DATA SHEETS

Client: Lisko | **EST Technician:** S. Edelson

Site: Pistoia Tire Co. | **Weather:** Sunny, 70's

Date: 8/5/2021

Monitoring Well #: MW-6 | **Well Depth:** 11.25 ft | **Screened/Open Interval:** 2-12 ft

Well Permit #: N/A | **Well Diameter:** 2 inches

PID Readings (ppm)

Background: 0.0 | **Pump Intake Depth:** 7.50 ft below TOC

Beneath Outer Cap: 0.0 | **Depth to Water Before Pump Installation:** 3.86 ft below TOC

Beneath Inner Cap: 0.0 | **Purge Method** peristaltic pump

TIME	Purging	Sampling	pH (pH units)		Temperature (°C)		Specific Conductivity (uS/cm)		Dissolved Oxygen (mg/L)		Redox Potential (mV)		Turbidity (NTU)		Pumping Rate (ml/min)	Depth to Water (ft below TOC)
			Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change		
930	X		6.00	NA	24.34	NA	2397	NA	0.80	NA	199.0	NA	60.6	NA	200	3.95
935	X		5.98	-0.02	24.37	0.03	2491	94	0.82	0.02	197.1	-1.9	42.9	-17.7	200	3.95
940	X		5.94	-0.04	24.40	0.03	2547	56	0.60	-0.22	195.1	-2.0	39.9	-3.0	200	3.95
945	X		5.92	-0.02	24.33	-0.07	2587	40	0.59	-0.01	192.9	-2.2	36.6	-3.3	200	3.95
950	X		5.91	-0.01	24.34	0.01	2600	13	0.60	0.01	190.9	-2.0	37.4	0.8	200	3.95

Purge Start: 9:21

Purge End: 9:50

Sample Time: 9:52

Sample notes:

Field Blank taken 9:18

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

EST Associates, Inc.

Field Instrument and Calibration Data Sheet

Site:	Pistoia Tire Co.	**Client:**	Lisko		
Field Personnel:	S. Edelson				
Date:	8/5/2021	**Start Time:**	6:20	**Stop:**	6:59

	Meter (model/EST ID)	Probe (EST ID)
DO	YSI 556 / MPM 02	MPP 02
pH	YSI 556 / MPM 02	MPP 02
Spec. Cond	YSI 556 / MPM 02	MPP 02
ORP	YSI 556 / MPM 02	MPP 02
Turbidity	HACH 2100Q / Turb 09	

* All meters are temperature compensating (except Turbidity)

Dissolved Oxygen		**Turbidity**			**ORP**	
Temp °C	11.2	**20.0 NTU**	19.8		**Temp °C**	12.80
Baro Pres.	763.6	**100 NTU**	101		**246mV ±**	
O2 Satur %	100	**800 NTU**	783		**10mV**	246.7
Zero mg/L	0.15	**10.0 NTU**	9.79	**(check)**		

Specific Conductance

Standard 1000 ± 10 uS/cm		**Lot # and Exp Date**
Reading	1000	A1145 May-26
Temp °C	10.08	

pH Calibration

				Lot # and Exp Date
Buffer 4	4.00	**Temp °C**	10.17	A1130 May-25
Buffer 7	7.00	**Temp °C**	10.16	A0346 Dec-22
Buffer 10	10.15	**Temp °C**	12.80	A1013 Jan-22

NJDEP Cert #: 03035

EST Associates, Inc.

Field Instrument and Calibration Data Sheet

Site:	Pistoia Tire Co.	**Client:**	Lisko		
Field Personnel:	Z. Moir				
Date:	8/5/2021	**Start Time:**	6:03	**Stop:**	6:29

	Meter (model/EST ID)	Probe (EST ID)
DO	YSI 556 / MPM 04	MPP 04
pH	YSI 556 / MPM 04	MPP 04
Spec. Cond	YSI 556 / MPM 04	MPP 04
ORP	YSI 556 / MPM 04	MPP 04
Turbidity	HACH 2100Q / Turb 07	

* All meters are temperature compensating (except Turbidity)

Dissolved Oxygen		**Turbidity**			**ORP**	
Temp °C	11.2	**20.0 NTU**	19.8		**Temp °C**	10.27
Baro Pres.	764.1	**100 NTU**	98.9		**246mV ±**	
O2 Satur %	100	**800 NTU**	795		**10mV**	249.0
Zero mg/L	0.16	**10.0 NTU**	9.98	**(check)**		

Specific Conductance

Standard 1000 ± 10 uS/cm		**Lot # and Exp Date**
Reading	1000	A0345 Dec-25
Temp °C	10.06	

pH Calibration

				Lot # and Exp Date
Buffer 4	4.00	**Temp °C**	11.23	A1130 May-25
Buffer 7	7.05	**Temp °C**	10.24	A0346 Dec-22
Buffer 10	10.10	**Temp °C**	12.23	A1013 Jan-22

NJDEP Cert #: 03035

APPENDIX D

State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Site Remediation and Waste Management Program
Bureau of Ground Water Pollution Abatement
Mail Code: 401-05V
P.O. Box 420
Trenton, NJ 08625-0420
Phone: (609) 292-8427

PHIL MURPHY
Governor

SHEILA OLIVER
Lt. Governor

CATHERINE R. MCCABE
Commissioner

November 25, 2019

Dinkar Ganti
Deeaar Holdings LLC
3490 US Route 1, Suite 78
Princeton Junction, New Jersey 08550

Re: Discharge to Ground Water Authorization
Pistoia Tire Company, Inc.
6380 Black Horse Pike
Hamilton Township, Atlantic County
Program Interest Number: 026175
Subject Item ID: DGWD0000000007

Dear Dinkar Ganti,

This New Jersey Pollutant Discharge Elimination System/Discharge to Ground Water (NJPDES/DGW) authorization is hereby issued under the authority of the New Jersey Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq. and the implementing regulations, N.J.A.C. 7:14A-1 et seq. N.J.A.C. 7:14A-7.5 authorizes the discharge described below which will allow the implementation of in-situ remediation of contaminated soil and ground water at the above referenced site.

Pursuant to N.J.A.C. 7:14A-22.4(b)5, a Treatment Works Approval is not required for discharges to ground water authorized pursuant to N.J.A.C. 7:14A-7.5 or 8.5 and a licensed operator is not required pursuant to N.J.A.C. 7:10A-1.10(c)1. The discharge approved through this authorization will be to temporary injection points. The discharge shall be conducted as proposed in the October 16, 2019 Discharge to Groundwater Permit-by-Rule Authorization Request and DGW proposal, received on November 14, 2019. These documents were submitted on your behalf by LSRP Jonathan Lisko of Lisko Environmental, LLC.

Consistent with N.J.A.C. 7:14A-7.5(b) and N.J.A.C. 7:26E-5.6(c), the duration of the approved discharge to ground water is not to exceed 180 calendar days. Be advised that the time period for the discharge begins on the day the discharge first occurs, not on the date this discharge approval letter is issued or received.

The Department shall be notified of the date when the discharge begins as instructed in section IV of this letter. Only the discharge described in Section I below is authorized. The discharge shall be

conducted in conformance with the DGW proposal and shall comply with the requirements of Sections II, III, and IV, farther below.

Regardless of whether the approved discharge is ever initiated and regardless of the date when the discharge first occurs, pursuant to N.J.A.C. 7:14A-2.7 NJDEP authorization for the permittee to initiate and conduct this approved discharge does not extend beyond five years from the date of this letter. If the approved discharge has not been initiated or completed after five years from the date on this letter, a new discharge proposal must be submitted and a new authorization letter obtained if the permittee still intends to initiate or conduct any type of discharge into or onto the ground that is subject to N.J.A.C. 7:14A-7.5(b) and N.J.A.C. 7:26E-5.6(c).

I. DISCHARGE DESCRIPTION

The authorized discharge is a mixture of clean water and HydroRemed®. The clean water source for the mixture will be imported from an off-site source.

HydroRemed® is a liquid charged with a consortium of naturally occurring, actively growing bacteria, known to degrade petroleum-related compounds, containing a bacterial population of approximately 5,000,000 colony forming units (CFU) per milliliter.

Using direct push technology, a maximum of 7 injection points will be used to inject approximately 25 gallons of HydroRemed® diluted with up to 1,000 gallons of water per injection point into an 800 square foot treatment area. The maximum depth of discharge is roughly 23.5 feet below grade. The injection will take approximately 2 to 3 days to complete. Up to 2 injection events are planned.

II. SYSTEM OPERATION AND MONITORING

The area of discharge shall be monitored for evidence of malfunction. Said evidence shall include, but is not limited to: breakout, wet areas, ponding, odors, and elevated PID readings in the nearby work area or building.

The discharge shall not cause any of the following negative impacts: adversely impact the behavior of free product or the plume; adversely impact a water supply well or have a long term adverse impact on ground water quality; create an unpermitted discharge to any surface water of the State or violation of Surface Water Quality Standards; create a persistent standing, ponded or surface-flowing fluid condition, or cause adverse vapor intrusion to occur.

Pursuant N.J.A.C. 7:14A-6.2(a)5 and 11, if free product in ground water, vapors or odors in any building, or any malfunction resulting in a potential impact to a receptor are detected and are a result of the discharge authorized by this approval, the discharger will immediately: (1) cease the discharge or make necessary adjustments to the discharge rate or system operation; and (2) repair or mitigate any negative impacts.

After completion of the discharge, the property should be returned to its previous condition, or as agreed to with property owner if the permittee is not the property owner. All UIC-Class V injection wells shall be properly abandoned in accordance with N.J.A.C. 7:14A-8.16(d)1 as applicable. The permittee will comply with any applicable provisions of the Additional Conditions Applicable to

Class I, II, III and V UIC Permits of the NJPDES regulations, N.J.A.C. 7:14A-8.9, et seq. when UIC-Class V injection well units (i.e., the injection points) are used.

III. GROUND WATER MONITORING REQUIREMENTS

The Permittee shall perform the following ground water sampling as was specified in the DGW proposal (including all addendums and modifications) for the purpose of complying with this Discharge to Ground Water Permit-By-Rule authorization.

Within 30 days prior to the injection event, MW-1, MW-2, MW-3 and MW-4 shall be sampled and analyzed for TCL VO+15, TCL BN+15, alkalinity, nitrate, nitrite, total iron, total arsenic, and sulfate.

30 days and 60 days after each injection event, MW-1, MW-2, MW-3 and MW-4 shall be sampled and analyzed for TCL VO+15, TCL BN+15, alkalinity, nitrate, nitrite, total iron, total arsenic, and sulfate.

In the event that performance monitoring criteria indicates that residual concentrations of amendment related compounds remain, additional sampling will be completed on a quarterly basis for up to one year, at which time the performance monitoring will be suspended, and attainment monitoring will commence.

Pursuant to the Tech Regs, the Permittee shall measure ground water elevations at all sampled wells upon each sampling event and shall construct ground water flow maps with the water elevation data to document the direction of ground water flow. Any product observed, including sheen, shall be documented. If measurable product is observed, injections shall be suspended until all of the recoverable product is removed from the treatment area.

All sampling shall be performed as proposed and consistent with the methods specified in the most current edition of the Department's Field Sampling Procedures Manual. All samples shall be analyzed by a New Jersey Certified Laboratory certified for the methods being used to analyze groundwater samples. Analytical method MDLs shall be less than or equal to the ground water quality standards (N.J.A.C. 7:9C-1.7). Parameters determined in the field (pH, specific conductance, dissolved oxygen, temperature) are to be measured by a certified contractor or laboratory.

Comparison to the vapor intrusion (VI) screening levels is necessary in order to monitor whether or not the discharge activities have the potential to cause VI issues within any nearby structures by means of adversely impacting the behavior of the ground-water contaminants (e.g., unexpected contaminant movement). If there are any exceedances of the VI screening levels caused by the authorized discharge, a VI evaluation shall be conducted of any potentially impacted structures.

Compliance with N.J.A.C. 7:26E-5.7(b) requires that the Permittee satisfy the post-injection ground water monitoring requirements that are set forth in this letter before applying for any Remedial Action Permit for Ground Water. If a Remedial Action Permit application is submitted before the required ground water sampling has been completed, the application will be denied.

Additionally, contingency compliance ground water sampling is required if ground water sampling results indicate that ground water quality criteria (GWQC) have been contravened because of the authorized discharge (e.g., the GWQC for sodium is exceeded as a result of sodium persulfate injection, or the GWQC for iron is exceeded as a result of pH change), or that ground water quality has not returned to baseline conditions (when baseline concentrations are greater than GWQC) in the expected timeframe. Ground water sampling must continue until it can be demonstrated that the GWQC have been met or until the ground water quality has returned to baseline conditions. To demonstrate either of these conditions, a minimum of two consecutive ground water sampling events spaced far enough apart to account for seasonal fluctuations, must be conducted.

Furthermore, if the Permittee is planning to apply for a Ground Water Remedial Action Permit for Natural Attenuation in the future, and exceedances of the GWQC that are due to the discharge remain, those exceedances must be treated similarly to any other site related contaminants (i.e., a sufficient number of samples are required and a decreasing concentration trend must be evident) consistent with the Department's Remedial Action Permits for Ground Water Guidance.

IV. REPORTING REQUIREMENTS AND INFORMATION SUBMITTALS

All information, including a detailed summary of the discharge and ground water sampling results, as well as the QA/QC package specified at N.J.A.C. 7:26E-2.1(a)15 shall be submitted with the next key document due following completion of the discharge monitoring program.

Consistent with N.J.A.C. 7:14A-2.11(a) and 6.2(a)14, within 14 days after initiation of the discharge, notify the Department of the "start date" of the discharge. To report this date, send an email to ryan.morford@dep.nj.gov stating the start date of the discharge.

Consistent with N.J.A.C. 7:14A-2.11(a) and 6.2(a)14, any malfunctions or non-compliance should be reported by telephone within 24 hours to the Bureau of Ground Water Pollution Abatement at (609) 292-8427 and in writing within seven days. Written submissions must include the facility name and PI Number. Failure to report this information is a violation of N.J.A.C. 7:14A and the permit-by-rule.

If you have any questions or concerns associated with this Discharge Authorization, please contact Ryan Morford at (609) 984-3253.

Sincerely,

Mary Anne Kuserk, Chief
Bureau of Ground Water Pollution Abatement

c: Jonathan Lisko, Lisko Environmental, LLC
Ralph and Eisie Pistoia
New Jersey Pinelands Commission

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0 15 30 60 90
Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Monitoring Well
- Temporary Monitoring Well
- Proposed Injection Point
- Injection Radius of Influence (15')

Aerial Imagery Data Source:
NJ Office of Information Technology (NJOIT),
Office of Geographic Information Systems (OGIS), 2015.

LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

SITE MAP WITH PROPOSED TREATMENT AREAS

Figure No.: 8

Project No.: 0064-3	
SRP ID: 026175	
LSRP ID: 575491	
Date: September 2019	Drawn By: E. Slaff
Scale: 1 " = 30 '	Checked By: J. Lisko

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0 15 30 60 90
Feet

Legend

- Property Boundary
- Garage
- UST
- Dispenser
- Monitoring Well
- Temporary Monitoring Well
- Proposed Injection Point
- Injection Radius of Influence (15')

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NJ Office of Information Technology (NJOIT),
Office of Geographic Information Systems (OGIS), 2015.

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LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

SITE MAP WITH PROPOSED TREATMENT AREAS

Figure No.: 8

Project No.: 0064-3
SRP ID: 026175
LSRP ID: 575491
Date: September 2019 | Drawn By: E. Slaff
Scale: 1 " = 30 ' | Checked By: J. Lisko

APPENDIX E

Block	Lot	Qual	Class	Location	Owner
588	17		2	6392 BLACK HORSE PIKE	SHENG, LOU YONG
588	18		1	BLACK HORSE PIKE	SHENG, LOU YONG
588	19.01		4A	6380 BLACK HORSE PIKE	PISTOIA, RALPH N & ELSIE R
588	19.02		4A	6370 BLACK HORSE PIKE	PISTOIA, RALPH N & ELSIE R
588	23		1	BLACK HORSE PIKE	MIA RAE, LLC
588	24		3A	6200 BLACK HORSE PIKE	ATLANTIC BLUEBERRY COMPANY
588	24	B01	4A	6200 BLACK HORSE PIKE	ATLANTIC BLUEBERRY COMPANY
588	24	Q0025	3B	BLACK HORSE PIKE	ATLANTIC BLUEBERRY COMPANY
591	9		15C	6451 BLACK HORSE PIKE	STATE OF NEW JERSEY DEPT OF ENV PRO
591	12		15C	BLACK HORSE PIKE	TOWNSHIP OF HAMILTON
591	13		15C	BLACK HORSE PIKE	TOWNSHIP OF HAMILTON

APPENDIX F

LISKO
ENVIRONMENTAL

1300 Main Street
Box 083
Belmar, NJ 07719
P: 732.996.4792

November 16, 2020

To: **«Owner»**
«Mailing_Address_Street»
«Mailing_Address_Town_State_Zip»

Re: **Information Request Regarding Potential Wells at:**
Property Address: **«Location»**
Municipality: **«Municipality»**
Block: **«Block»**
Lot: **«Lot»**

For: **Environmental Investigation at:**
6380 Black Horse Pike, Township of Hamilton, Atlantic County, New Jersey 08330
NJDEP Preferred Identification (PI) #: 026175

Dear Property Owner:

Lisko Environmental, LLC (LISKO), on behalf of our client Deeaar Holdings, LLC, is investigating groundwater contamination at the commercial property at 6380 Black Horse Pike, Mays Landing (Township of Hamilton), Atlantic County, New Jersey in accordance with New Jersey Department of Environmental Protection (NJDEP) regulations. During the investigation, elevated levels of volatile organic compounds (VOCs), including benzene, were detected in the groundwater. This survey is being conducted in accordance with NJDEP's Technical Requirements for Site Remediation (N.J.A.C. 7:26E), to identify any/all potable wells that may exist within a 500-foot radius of the above referenced site. The survey is being done as part of remedial investigation activities. Information obtained through this survey will be used solely for reporting requirements to the NJDEP.

Please take the time to review the questions on the attached survey form as they pertain to your property. Your participation in this important effort is greatly appreciated. Please contact Khalil Abbaszadeh at (732) 312 – 7316 or via email at khalil@liskoenv.com to provide the results of your survey or if you have any questions. Thank you for your time.

Sincerely,
For LISKO ENVIRONMENTAL, LLC

Jonathan Lisko, LSRP

Enclosure: Potable Well Information Form

c: Dinkar Ganti, Deeaar Holdings, LLC

Jonathan Lisko
Lisko Environmental, LLC
1300 Main Street
PO Box 083
Belmar, NJ, 07719

WELL LOCATION

Street Address: «Location»

Municipality: «Municipality»

County: Atlantic

Block/Lot #: «Block» / «Lot»

GROUNDWATER USE SURVEY

Name of person completing questionnaire: _____

Telephone number: _____

Please print the above information, and check
the appropriate following responses regarding the above property:

☐ This is my place of **residence**.
or
☐ This is my place of **business.**

☐ I **own** the property in question.
or
☐ I **rent** the property in question.

☐ **No**, there is no groundwater well on the listed property.
or
☐ **Yes**, there is a groundwater well on the listed property.

If yes, please check all that apply:

☐ I use this well for my drinking water.

☐ I use this well for other purposes such as gardening, yard work, or car washing.

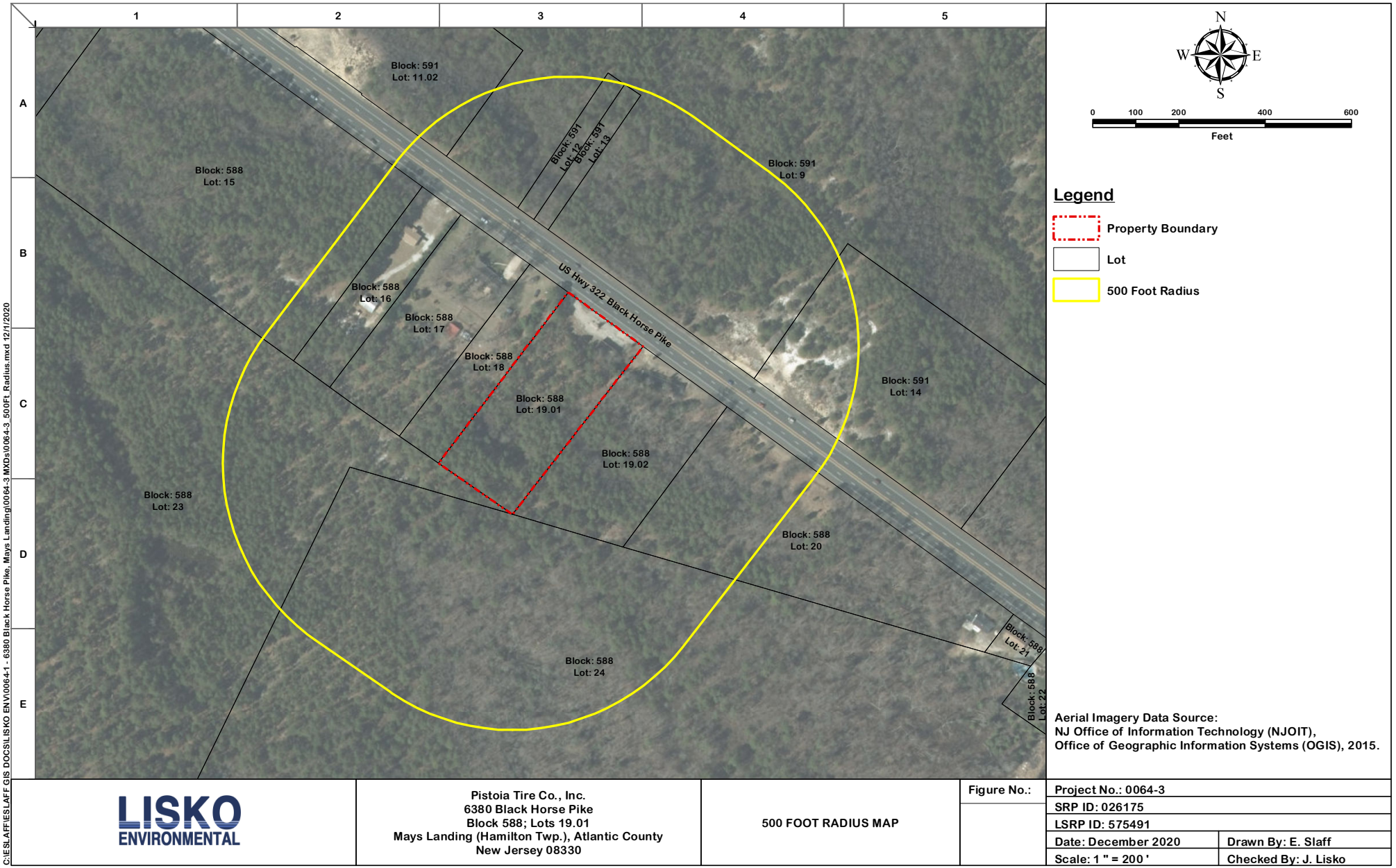
☐ I do not use this well for any purpose, and use only public water.

☐ Property is serviced by public water supply.

Please respond with the results of this survey in any one of the following ways:

- *Telephone*: contact Khalil Abbaszadeh at (732) 312 – 7316
- *Email*: khalil@liskoenv.com
- *Facsimile*: (732) 751 – 1620 (attn: Khalil)
- *Mail*: See address above

APPENDIX G



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LISKO ENVIRONMENTAL

Pistoia Tire Co., Inc.
6380 Black Horse Pike
Block 588; Lots 19.01
Mays Landing (Hamilton Twp.), Atlantic County
New Jersey 08330

500 FOOT RADIUS MAP

Figure No.:

Project No.: 0064-3	
SRP ID: 026175	
LSRP ID: 575491	
Date: December 2020	Drawn By: E. Slaff
Scale: 1 " = 200 '	Checked By: J. Lisko

Municipality	Block	Lot	Location	Owner	Mailing Address (Street)	Mailing Address (Town, State, Zip)
HAMILTON TWP.	588	15	BLACK HORSE PIKE	ROTH & ROTH P A AS TRUSTEE	51 FORESTDALE ROAD	ROCKVILLE CENTRE, NY 11570
HAMILTON TWP.	588	16	6398 BLACK HORSE PIKE	TILLEY, DAVID & MARIE	4003 WALNUT AVENUE	EGG HARBOR TWP, NJ 08234
HAMILTON TWP.	588	17	6392 BLACK HORSE PIKE	SHENG, LOU YONG	2720 ELBRIDGE ST	PHILADELPHIA, PA 19149
HAMILTON TWP.	588	18	BLACK HORSE PIKE	SHENG, LOU YONG	2720 ELBRIDGE ST	PHILADELPHIA, PA 19149
HAMILTON TWP.	588	19.01	6380 BLACK HORSE PIKE	PISTOIA, RALPH N & ELSIE R	1615 MAGNOLIA	WILLIAMSTOWN, NJ 08094
HAMILTON TWP.	588	19.02	6370 BLACK HORSE PIKE	PISTOIA, RALPH N & ELSIE R	1615 MAGNOLIA	WILLIAMSTOWN, NJ 08094
HAMILTON TWP.	588	20	BLACK HORSE PIKE	PLATENELLA, JOHN JR & DONNA BARUFFI	1681 TORI LAND	VINELAND, NJ 08361
HAMILTON TWP.	588	23	BLACK HORSE PIKE	MIA RAE, LLC	66 JARVIS AVE	STATEN ISLAND, NY 10312
HAMILTON TWP.	588	24	6200 BLACK HORSE PIKE	ATLANTIC BLUEBERRY COMPANY	7201 WEYMOUTH ROAD	HAMMONTON, NJ 08037
HAMILTON TWP.	591	9	6451 BLACK HORSE PIKE	STATE OF NEW JERSEY DEPT OF ENV PRO	PO BOX 420	TRENTON, NJ 08625
HAMILTON TWP.	591	11.02	6417 BLACK HORSE PIKE	NEW PETROLEUM L.L.C.	8 LAURIE DRIVE	VOORHEES, NJ 08043
HAMILTON TWP.	591	12	BLACK HORSE PIKE	TOWNSHIP OF HAMILTON	6101 THIRTEENTH STREET	MAYS LANDING, NJ 08330
HAMILTON TWP.	591	13	BLACK HORSE PIKE	TOWNSHIP OF HAMILTON	6101 THIRTEENTH STREET	MAYS LANDING, NJ 08330
HAMILTON TWP.	591	14	6365 BLACK HORSE PIKE	PREMIER REALTY PARTNERS, LLC	621 3RD ST	OCEAN CITY, NJ 08226

APPENDIX H

POTABLE WELL CANVASS RESPONSE LOG
FORMER PISTOIA TIRE CO INC
6380 BLACK HORSE PIKE
HAMILTON TWP., ATLANTIC COUNTY, NEW JERSEY
NJDEP SRP PI # 026175; LISKO JOB 0064-5

Municipality	Block	Lot	Location	Owner	Mailing Address (Street)	Mailing Address (Town, State, Zip)	Potable Well?	Response via	Note
HAMILTON TWP.	588	15	BLACK HORSE PIKE	ROTH & ROTH P A AS TRUSTEE	51 FORESTDALE ROAD	ROCKVILLE CENTRE, NY 11570			
HAMILTON TWP.	588	16	6398 BLACK HORSE PIKE	TILLEY, DAVID & MARIE	4003 WALNUT AVENUE	EGG HARBOR TWP, NJ 08234			
HAMILTON TWP.	588	17	6392 BLACK HORSE PIKE	SHENG, LOU YONG	2720 ELBRIDGE ST	PHILADELPHIA, PA 19149			
HAMILTON TWP.	588	18	BLACK HORSE PIKE	SHENG, LOU YONG	2720 ELBRIDGE ST	PHILADELPHIA, PA 19149			
HAMILTON TWP.	588	19.01	6380 BLACK HORSE PIKE	PISTOIA, RALPH N & ELSIE R	1615 MAGNOLIA	WILLIAMSTOWN, NJ 08094	Yes	Phone	The Site; has well but the building is currently vacant with no power
HAMILTON TWP.	588	19.02	6370 BLACK HORSE PIKE	PISTOIA, RALPH N & ELSIE R	1615 MAGNOLIA	WILLIAMSTOWN, NJ 08094	No	Phone	Vacant lot next door with same property owner as the Site.
HAMILTON TWP.	588	20	BLACK HORSE PIKE	PLATENELLA, JOHN JR & DONNA BARUFFI	1681 TORI LAND	VINELAND, NJ 08361	No	Email	
HAMILTON TWP.	588	23	BLACK HORSE PIKE	MIA RAE, LLC	66 JARVIS AVE	STATEN ISLAND, NY 10312	No	Phone	(917)440-4673 - Antonio
HAMILTON TWP.	588	24	6200 BLACK HORSE PIKE	ATLANTIC BLUEBERRY COMPANY	7201 WEYMOUTH ROAD	HAMMONTON, NJ 08037	Yes	Phone	(609)517-2548 - Nearly 900-acre lot with pot. & irr. wells, but all are >500' from the Site.
HAMILTON TWP.	591	9	6451 BLACK HORSE PIKE	STATE OF NEW JERSEY DEPT OF ENV PRO	PO BOX 420	TRENTON, NJ 08625			
HAMILTON TWP.	591	11.02	6417 BLACK HORSE PIKE	NEW PETROLEUM L.L.C.	8 LAURIE DRIVE	VOORHEES, NJ 08043	Yes	Mail	Developed area of lot & well are >500' from our site.
HAMILTON TWP.	591	12	BLACK HORSE PIKE	TOWNSHIP OF HAMILTON	6101 THIRTEENTH STREET	MAYS LANDING, NJ 08330	No	Phone	(609)625-1511
HAMILTON TWP.	591	13	BLACK HORSE PIKE	TOWNSHIP OF HAMILTON	6101 THIRTEENTH STREET	MAYS LANDING, NJ 08330	No	Phone	(609)625-1511
HAMILTON TWP.	591	14	6365 BLACK HORSE PIKE	PREMIER REALTY PARTNERS, LLC	621 3RD ST	OCEAN CITY, NJ 08226	No	Phone	(610)397-6506

APPENDIX I

INSERT WELL DECOMISSIONING REPORTS HERE WHEN AVAILABLE THEN DELETE THIS PAGE

LABORATORY DATA

ALPHA ANALYTICAL

World Class Chemistry

www.alphalab.com

Lab Number: L1924011

Client: Lisko Environmental, LLC

ATTN: Jonathan Lisko

Project Name: FORMER PISTOIA SERVICE CEI

Project Number: 0064-3

ANALYTICAL DATA PACKAGE FOR THE
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON NEW JERSEY 08625

Agency/Division:	**Bureau/Office:**
Project No: 0064-3	**Contract No:**
Laboratory: Alpha Analytical	**Laboratory Location:** Westborough, Ma.
	Laboratory Phone Number: (508) 898-9220
SDG No: L1924011	**NJDEP Certification #:** MA935
Date of First Sample Receipt: 06/06/2019	**Date of Last Sample Receipt:** 06/06/2019

Agency Sample Number	Laboratory Sample Number	Sample Location	Date/Time of Collection
TMW-7	L1924011-01	FORMER PISTOIA SERVIC	06/05/2019 10:58
TRIP BLANK	L1924011-02	FORMER PISTOIA SERVIC	06/04/2019 00:00

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on disk or electronically has been authorized by the laboratory director or his/her designee, as verified by the following signature.

Technical Director/Representative (Typed)	Melissa Cripps	06/18/19
Technical Director/Representative (Signature)	Melissa Cripps Melissa Cripps	

Table of Contents

Table of Contents

Chain of Custody

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/6/19

ALPHA Job #: L1924011

Client Information

Client: LISKO ENVIRONMENTAL
Address: 1300 MAIN ST, PO BOX 083
BELMAR, NJ 07719
Phone: 732-312-7516
Fax:
Email: KHALIL@LISKOENV.COM

Project Information

Project Name: FORMER PISTOIA SERVICE CENTER
Project Location: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ
Project # 0064-3
(Use Project name as Project #) ☐
Project Manager: KHALIL ABBASZADEH
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Deliverables

☒ NJ Full (Reduced)
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☒ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☒ Other NJ INT. GWQS

Billing Information

☒ Same as Client Info
PO #

Site Information

Is this site impacted by Petroleum? Yes ☒
Petroleum Product: GASOLINE

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☒ 8011

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VO+15 (8260)	EDB + DBCP (8011)	BN+15 (8270)	Sample Filtration / Preservation	Total Bottle
24011-01	TMW-7	6/5/19	1058	GW	KA	X	X	X		7
-02	TRIP BLANK	6/4/19	—	BLANK	—	↓				2

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	V	A
Preservative	B	H	A

Relinquished By:	Date/Time	Received By:	Date/Time
Khalil Abbaszadeh	6/6/19 1000	[illegible] (AMAL)	6-6-19 1000
[illegible] (AMAL)	6-6-19 1326	Paul Mazzella	6/6/19 1644
Paul Mazzella	6/6/19 2130		6/6/19 2130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Jun 18 2019, 04:23 pm

Login Number: L1924011
Account: LISKOENV Lisko Environmental, LLCProject: 0064-3
Received: 06JUN19 Due Date: 18JUN19

Sample #	Client ID		Mat	PR	Collected
L1924011-01	TMW-7		S0	1	05JUN19 10:58
8011 - EDB & DBCP only - reporting list built NJ-RED Package Due Date: 06/18/19					
8011,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NJ-RED,NJDEP					
L1924011-02	TRIP BLANK		S0	1	04JUN19 00:00
| Package Due Date: 06/18/19					
NJ-8260					

Logged By: Richard Scott

ALPHA ANALYTICAL LABORATORIES
Container Tracking Report

Container ID	Type	Status	Transaction Date	From Response	From Location	From Operator	To Response	To Location	To Operator
L1924011-01A	Vial-B	INTACT	07-JUN-19	CUSTODY	CUSTODY	Sam Bardsley	V65-14 CUSTODY	V65-14 CUSTODY	Sam Bardsley
L1924011-01A	Vial-B	INTACT	07-JUN-19	LOGIN	LOGIN	Richard Scott	CUSTODY	CUSTODY	Richard Scott
L1924011-01B	Vial-B	INTACT	10-JUN-19		GC/MS	Robert Pino	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Robert Pino
L1924011-01B	Vial-B	INTACT	10-JUN-19	CUSTODY	V37-24 CUSTODY	Robert Pino	GC/MS	GC/MS	Robert Pino
L1924011-01B	Vial-B	INTACT	07-JUN-19	CUSTODY	CUSTODY	Sam Bardsley	V37-24 CUSTODY	V37-24 CUSTODY	Sam Bardsley
L1924011-01B	Vial-B	INTACT	07-JUN-19	LOGIN	LOGIN	Richard Scott	CUSTODY	CUSTODY	Richard Scott
L1924011-01C	Vial-B	INTACT	15-JUN-19	CUSTODY	GC/MS	Piotr Duczmalewski	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Piotr Duczmalewski
L1924011-01C	Vial-B	INTACT	14-JUN-19	CUSTODY	V56-08 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L1924011-01C	Vial-B	INTACT	07-JUN-19	CUSTODY	CUSTODY	Sam Bardsley	V56-08 CUSTODY	V56-08 CUSTODY	Sam Bardsley
L1924011-01C	Vial-B	INTACT	07-JUN-19	LOGIN	LOGIN	Richard Scott	CUSTODY	CUSTODY	Richard Scott
L1924011-01D	Vial-H	EMPTY	14-JUN-19		GC	Andrew Schult	CUSTODY	CUSTODY	Andrew Schult
L1924011-01D	Vial-H	INTACT	13-JUN-19		R46-06 CUSTODY	Andrew Schult	GC	GC	Andrew Schult
L1924011-01D	Vial-H	INTACT	12-JUN-19		R46-07 CUSTODY	Sam Bardsley	R46-06 CUSTODY	R46-06 CUSTODY	Sam Bardsley
L1924011-01D	Vial-H	INTACT	07-JUN-19	CUSTODY	CUSTODY	Sam Bardsley	R46-07 CUSTODY	R46-07 CUSTODY	Sam Bardsley
L1924011-01D	Vial-H	INTACT	07-JUN-19	LOGIN	LOGIN	Richard Scott	CUSTODY	CUSTODY	Richard Scott
L1924011-01E	Vial-H	EMPTY	14-JUN-19		GC	Andrew Schult	CUSTODY	CUSTODY	Andrew Schult
L1924011-01E	Vial-H	INTACT	13-JUN-19		R46-06 CUSTODY	Andrew Schult	GC	GC	Andrew Schult
L1924011-01E	Vial-H	INTACT	12-JUN-19		R46-07 CUSTODY	Sam Bardsley	R46-06 CUSTODY	R46-06 CUSTODY	Sam Bardsley
L1924011-01E	Vial-H	INTACT	07-JUN-19	CUSTODY	CUSTODY	Sam Bardsley	R46-07 CUSTODY	R46-07 CUSTODY	Sam Bardsley
L1924011-01E	Vial-H	INTACT	07-JUN-19	LOGIN	LOGIN	Richard Scott	CUSTODY	CUSTODY	Richard Scott
L1924011-01F	Amber-A.25	EMPTY	11-JUN-19		R60-03 CUSTODY	Ryan Angell	CUSTODY	CUSTODY	Ryan Angell
L1924011-01F	Amber-A.25	INTACT	07-JUN-19		CUSTODY	Sam Bardsley	R60-03 CUSTODY	R60-03 CUSTODY	Sam Bardsley
L1924011-01F	Amber-A.25	INTACT	07-JUN-19	LOGIN	LOGIN	Richard Scott	CUSTODY	CUSTODY	Richard Scott
L1924011-01G	Amber-A.25	INTACT	15-JUN-19	CUSTODY	R60-03 CUSTODY	Sam Bardsley	R60-09 CUSTODY	R60-09 CUSTODY	Sam Bardsley
L1924011-01G	Amber-A.25	INTACT	07-JUN-19		CUSTODY	Sam Bardsley	R60-03 CUSTODY	R60-03 CUSTODY	Sam Bardsley

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1924011-01G	Amber-A.25	INTACT	07-JUN-19	LOGIN	LOGIN	Richard Scott	CUSTODY	CUSTODY	Richard Scott
L1924011-02A	Vial-B	INTACT	15-JUN-19	CUSTODY	GC/MS	Piotr Duczmalewski	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Piotr Duczmalewski
L1924011-02A	Vial-B	INTACT	14-JUN-19	CUSTODY	V65-14 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L1924011-02A	Vial-B	INTACT	07-JUN-19	CUSTODY	CUSTODY	Sam Bardsley	V65-14 CUSTODY	V65-14 CUSTODY	Sam Bardsley
L1924011-02A	Vial-B	INTACT	07-JUN-19	LOGIN	LOGIN	Richard Scott	CUSTODY	CUSTODY	Richard Scott
L1924011-02B	Vial-B	INTACT	11-JUN-19		V37-24 CUSTODY	Geoffry Grace	V37-17 CUSTODY	V37-17 CUSTODY	Geoffry Grace
L1924011-02B	Vial-B	INTACT	07-JUN-19	CUSTODY	CUSTODY	Sam Bardsley	V37-24 CUSTODY	V37-24 CUSTODY	Sam Bardsley
L1924011-02B	Vial-B	INTACT	07-JUN-19	LOGIN	LOGIN	Richard Scott	CUSTODY	CUSTODY	Richard Scott

Methodology Review

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Laboratory Chronicle

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1924011-01A	Vial HCl preserved	A	NA		4.6	Y	Absent		NJ-8260(14)
L1924011-01B	Vial HCl preserved	A	NA		4.6	Y	Absent		NJ-8260(14)
L1924011-01C	Vial HCl preserved	A	NA		4.6	Y	Absent		NJ-8260(14)
L1924011-01D	Vial Na2S2O3 preserved	A	NA		4.6	Y	Absent		8011(14)
L1924011-01E	Vial Na2S2O3 preserved	A	NA		4.6	Y	Absent		8011(14)
L1924011-01F	Amber 250ml unpreserved	A	7	7	4.6	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L1924011-01G	Amber 250ml unpreserved	A	7	7	4.6	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L1924011-02A	Vial HCl preserved	A	NA		4.6	Y	Absent		NJ-8260(14)
L1924011-02B	Vial HCl preserved	A	NA		4.6	Y	Absent		NJ-8260(14)

*Values in parentheses indicate holding time in days

NJ DEP
Data of Known Quality Protocols
Conformance/Non-Conformance
Summary Questionnaire

NJ DEP Data of Known Quality Protocols
Conformance/Non-Conformance
Summary Questionnaire

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	YES
1a	Were the method specified handling, preservation, and holding time requirements met?	YES
1b	EPH Method: Was the EPH Method conducted without significant modifications (see Section 11.3 of respective DKQ methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (4 ± 2° C)?	YES
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	NO
5a	Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?	YES
5b	Were these reporting limits met?	NO
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	YES
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	NO

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1a or #1b is "No", the data package does not meet the requirements for "Data of Known Quality".

Conformance/Non-Conformance Summary

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

DKQP Related Narratives

Volatile Organics

L1924011-02: The Trip Blank has a result for acetone present above the reporting limit. The sample vial was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

In reference to question 5b:

L1924011-01 and -02: One or more of the target analytes did not achieve the requested regulatory limits.

In reference to question 4:

WG1248639-4: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Please refer to the QC section of the report for specific details.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Cripps Melissa Cripps Report Date: 06/18/19

Title: Technical Director/Representative

Glossary

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Organics

Microextractables by GC (EDB, DBCP)

Sample Results Summary

Results Summary
Form 1
Microextractables by GC

Client	: Lisko Environmental, LLC	Lab Number	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	Project Number	: 0064-3
Lab ID	: L1924011-01	Date Collected	: 06/05/19 10:58
Client ID	: TMW-7	Date Received	: 06/06/19
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 06/13/19 17:10
Sample Matrix	: WATER	Date Extracted	: 06/13/19
Analytical Method	: 1,8011	Dilution Factor	: 1
Lab File ID	: 0613A009	Analyst	: AWS
Sample Amount	: 35.29 g	Instrument ID	: PEST9
Extraction Method	: EPA 8011	GC Column	: RTX-CLPesticides
Extract Volume	: uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	0.010	0.004	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.010	0.005	U

Results Summary
Form 1
Microextractables by GC

Client	: Lisko Environmental, LLC	Lab Number	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	Project Number	: 0064-3
Lab ID	: WG1248124-1	Date Collected	: NA
Client ID	: WG1248124-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 06/13/19 15:40
Sample Matrix	: WATER	Date Extracted	: 06/13/19
Analytical Method	: 1,8011	Dilution Factor	: 1
Lab File ID	: 0613A003	Analyst	: AWS
Sample Amount	: 35 g	Instrument ID	: PEST9
Extraction Method	: EPA 8011	GC Column	: RTX-CLPesticides
Extract Volume	: uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
106-93-4	1,2-Dibromoethane	ND	0.010	0.004	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.010	0.005	U

Blank Results Summary

Method Blank Summary
Form 4
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab Sample ID	: WG1248124-1	**Lab File ID**	: 0613A003
Matrix	: WATER	**Extraction Date**	: 06/13/19
Analysis Date (1)	: 06/13/19 15:40	**Analysis Date (2)**	: 06/13/19 15:40
Instrument ID (1)	: PEST9	**Instrument ID (2)**	: PEST9

Client Sample No.	Lab Sample ID	Analysis Date 1	Analysis Date 2
TMW-7	L1924011-01	06/13/19 17:10	06/13/19 17:10
TMW-7MS	WG1248124-3	06/13/19 17:25	06/13/19 17:25
WG1248124-2LCS	WG1248124-2	06/13/19 18:39	06/13/19 18:39

Standards Data Summary

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: PEST9**	**Ical Ref**	**: ICAL15856**
Calibration dates	**: 06/06/19 14:11 06/06/19 16:05**		

Calibration Files

L1 =0606A003.D L2 =0606A004.D L3 =0606A005.D L4 =0606A006.D L5 =0606A007.D L6 =0606A008.D

L7 =0606A009.D L8 =0606A010.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg		%RSD
1)	1,2-Dibromoethane	2.175	2.913	2.605	2.021	2.554	2.499	2.530	2.579	*L E8		0.9985
2)	1,2,3-Trichlo		7.195	5.259	4.039	3.581	3.394	3.384	3.561	*L E7		0.9984
3)	1,2-Dibromo-3-chloropropane	3.696	3.927	4.127	3.435	3.856	3.929	3.853	3.909	3.842	E8	5.28

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: PEST9**	**Ical Ref**	**: ICAL15856**
Calibration dates	**: 06/06/19 14:11 06/06/19 16:05**		

Signal #2 Calibration Files

L1 =0606A003.D L2 =0606A004.D L3 =0606A005.D L4 =0606A006.D L5 =0606A007.D L6 =0606A008.D

L7 =0606A009.D L8 =0606A010.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	Avg		%RSD
1)	1,2-Dibromoet	7.821	9.353	8.730	6.753	8.149	7.728	7.518	7.595	7.956	E7	10.00
2)	1,2,3-Trichlo		1.215	1.291	1.168	1.225	1.160	1.126	1.106	1.184	E7	5.38
3)	1,2-Dibromo-3	1.401	1.319	1.355	1.099	1.214	1.205	1.193	1.222	1.251	E8	7.91

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011	
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3	
Instrument ID	: PEST9	**Calibration Date**	: 06/13/19 11:31	
Lab File ID	: 0613A002	**Init. Calib. Date(s)**	: 06/06/19	06/06/19
Sample No	: WG1248128-1	**Init. Calib. Times**	: 14:11	16:05
Channel	: A			

Compound	Amount	Calc.	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dibromoethane	0.5	0.497	-	0.6	30	101	0
1,2,3-Trichloropropane	0.5	0.448	-	10.4	30	95	0
1,2-Dibromo-3-chloropropane	0.5	0.459	-	8.2	30	90	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011	
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3	
Instrument ID	: PEST9	**Calibration Date**	: 06/13/19 11:31	
Lab File ID	: 0613A002	**Init. Calib. Date(s)**	: 06/06/19	06/06/19
Sample No	: WG1248128-1	**Init. Calib. Times**	: 14:11	16:05
Channel	: B			

Compound	Amount	Calc.	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dibromoethane	0.5	0.484	-	3.2	30	100	0
1,2,3-Trichloropropane	0.5	0.47	-	6	30	96	0
1,2-Dibromo-3-chloropropa	0.5	0.454	-	9.2	30	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011	
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3	
Instrument ID	: PEST9	**Calibration Date**	: 06/13/19 18:39	
Lab File ID	: 0613A015	**Init. Calib. Date(s)**	: 06/06/19	06/06/19
Sample No	: WG1248128-2	**Init. Calib. Times**	: 14:11	16:05
Channel	: A			

Compound	Amount	Calc.	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dibromoethane	0.25	0.284	-	-13.6	30	113	0
1,2,3-Trichloropropane	0.25	0.256	-	-2.4	30	106	0
1,2-Dibromo-3-chloropropane	0.25	0.259	-	-3.6	30	103	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011	
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3	
Instrument ID	: PEST9	**Calibration Date**	: 06/13/19 18:39	
Lab File ID	: 0613A015	**Init. Calib. Date(s)**	: 06/06/19	06/06/19
Sample No	: WG1248128-2	**Init. Calib. Times**	: 14:11	16:05
Channel	: B			

Compound	Amount	Calc.	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dibromoethane	0.25	0.291	-	-16.4	30	114	0
1,2,3-Trichloropropane	0.25	0.264	-	-5.6	30	102	0
1,2-Dibromo-3-chloropropa	0.25	0.253	-	-1.2	30	104	0

* Value outside of QC limits.

Analytical Sequence
Form 8b
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: PEST9	**Initial Calib. Date(s)**	: 06/06/19 06/06/19

Client ID	Lab ID	Date/Time Analyzed
L1	R1194849-1	06/06/19 14:11
L2	R1194849-2	06/06/19 14:28
L3	R1194849-3	06/06/19 14:44
L4	R1194849-4	06/06/19 15:00
L5	R1194849-5	06/06/19 15:16
L6	R1194849-6	06/06/19 15:33
L7	R1194849-7	06/06/19 15:49
L8	R1194849-8	06/06/19 16:05
R1194849-9 ICV	R1194849-9	06/07/19 16:27
WG1248128-1 CCAL	WG1248128-1	06/13/19 11:31
WG1248124-1 BLANK	WG1248124-1	06/13/19 15:40
TMW-7	L1924011-01	06/13/19 17:10
TMW-7 MS	WG1248124-3	06/13/19 17:25
WG1248124-2 LCS	WG1248124-2	06/13/19 18:39
WG1248128-2 CCAL	WG1248128-2	06/13/19 18:39

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Matrix	: WATER		
LCS Sample ID	: WG1248124-2 **Analysis Date :** 06/13/19 18:39	**File ID**	: 0613A015
LCSD Sample ID	: **Analysis Date :**	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dibromoethane	0.25	0.284	114				-	80-120	20
1,2-Dibromo-3-chloropropane	0.25	0.259	104				-	80-120	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Client Sample ID	: TMW-7	**Matrix**	: WATER
Lab Sample ID	: L1924011-01	**Analysis Date**	: 06/13/19 17:10
Matrix Spike	: WG1248124-3	**MS Analysis Date**	: 06/13/19 17:25
Matrix Spike Dup	:	**MSD Analysis Date**	:

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	**Sample Conc. (ug/l)**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
1,2-Dibromoethane	ND	0.248	0.295	119					80-120	20
1,2-Dibromo-3-chloropropane	ND	0.248	0.260	105					80-120	20

RT Shift Summary

Identification Summary
Form 10
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**

No Detections Found

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\Pest9\190613A\
Data File : 0613A009.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jun 2019 5:10 pm
Operator : Pest9:aws
Sample : 11924011-01,42e,,
Misc : WG1248128,WG1248124,ICAL15856 (Sig #1); (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 14 17:53:03 2019
Quant Method : I:\Pest9\190613A\pest9_190606_504_8011_ical15856.M
Quant Title : 8011
QLast Update : Fri Jun 07 16:54:09 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Target Compounds						
1)	1,2-Dibromoe	0.000	0.000	0	0	N.D.	N.D.
3)	1,2-Dibromo-	0.000	0.000	0	0	N.D. d	N.D. d

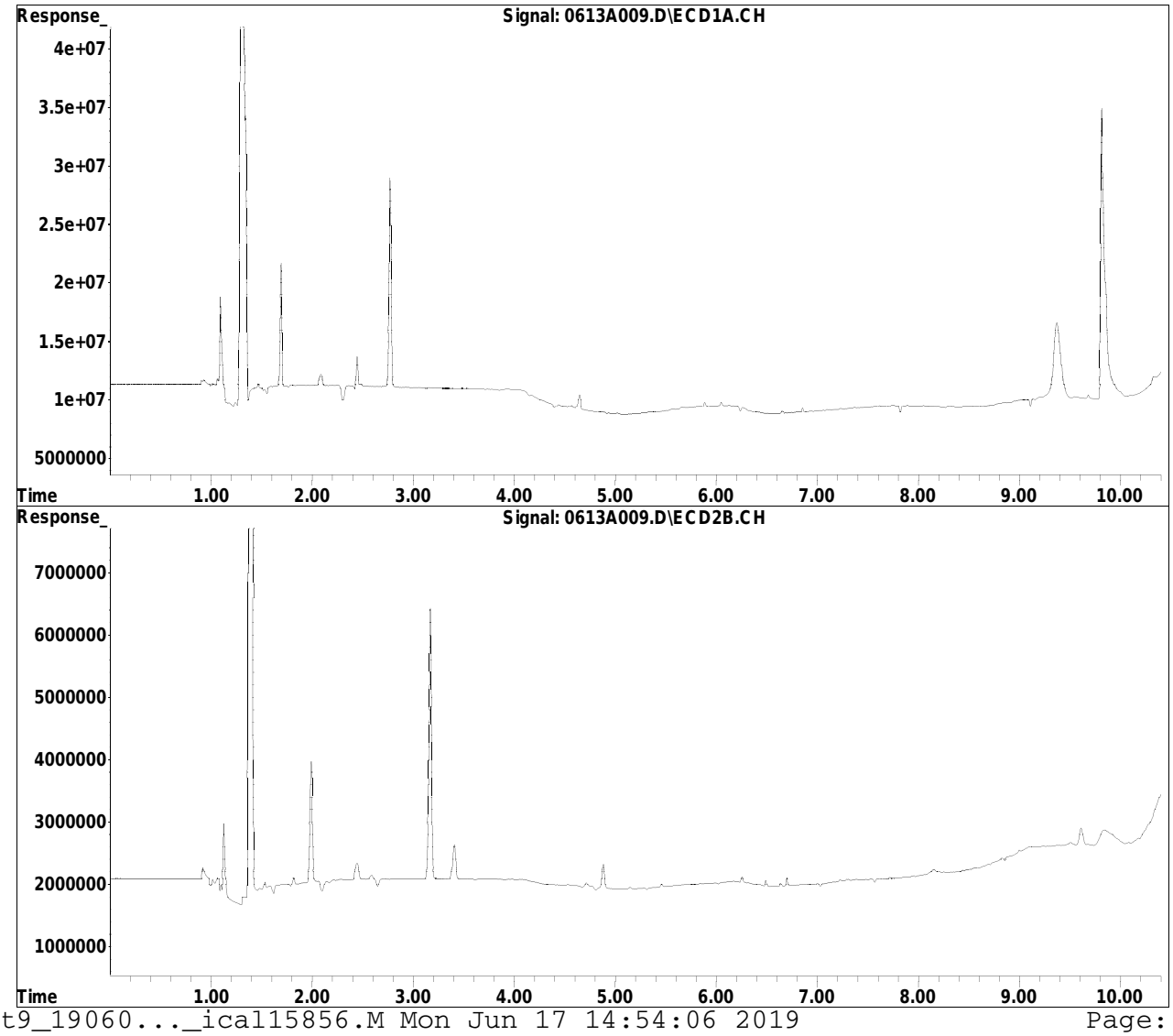
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\Pest9\190613A\
Data File : 0613A009.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jun 2019 5:10 pm
Operator : Pest9:aws
Sample : 11924011-01,42e,,
Misc : WG1248128,WG1248124,ICAL15856 (Sig #1); (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 14 17:53:03 2019
Quant Method : I:\Pest9\190613A\pest9_190606_504_8011_ical15856.M
Quant Title : 8011
QLast Update : Fri Jun 07 16:54:09 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Manual Integration Report

Data Path	: I:\Pest9\190613A\	QMethod	: pest9_190606_504_8011_ic
Data File	: 0613A009.D	Operator	: Pest9:aws
Date Inj'd	: 6/13/2019 5:10 pm	Instrument	: HP G1530A
Sample	: 11924011-01,42e,,	Quant Date	: 6/14/2019 5:48 pm

There are no manual integrations or false positives in this file.

Method Blank
Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\Pest9\190613A\
Data File : 0613A003.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jun 2019 3:40 pm
Operator : Pest9:aws
Sample : wg1248124-1,42e,,21
Misc : WG1248128,WG1248124,ICAL15856
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 14 17:47:52 2019
Quant Method : I:\Pest9\190613A\pest9_190606_504_8011_ical15856.M
Quant Title : 8011
QLast Update : Fri Jun 07 16:54:09 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Sub List : Default - All compounds listed

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/l	ug/l
	Target Compounds						
1)	1,2-Dibromoe	0.000	0.000	0	0	N.D.	N.D.
3)	1,2-Dibromo-	0.000	0.000	0	0	N.D.	N.D.

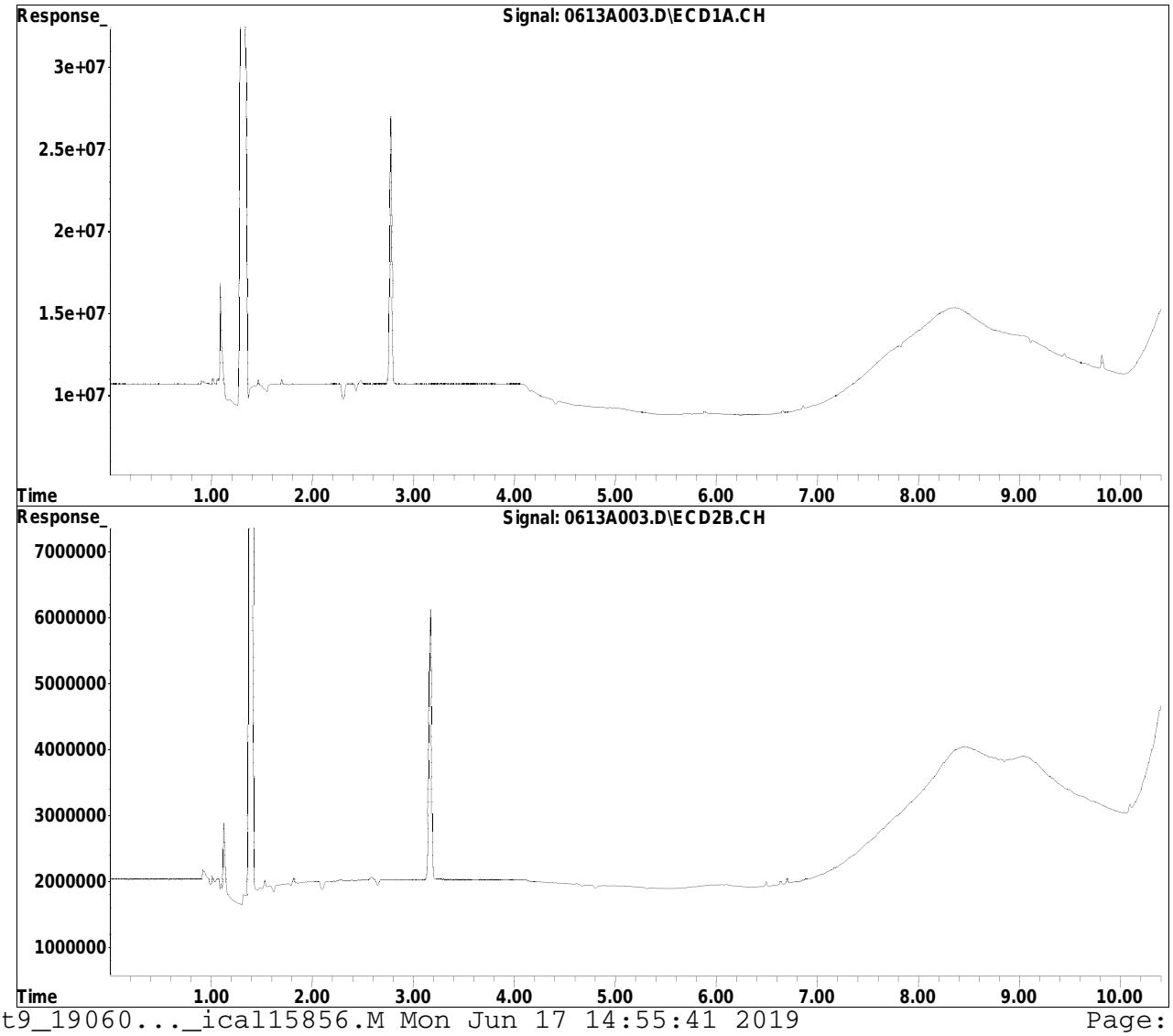
(f)=RT Delta > 1/2 Window (D)=Amounts differ by > 40% (m)=manual int.
(#)=Recovery Exceeds Compound Acceptance Limits.
(I,C,F) I=Interference, C=Coelluting Calibration Peak, F=Fails CC Criteria.

Sub List : Default - All compounds listed Reviewed)

Data Path : I:\Pest9\190613A\
Data File : 0613A003.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jun 2019 3:40 pm
Operator : Pest9:aws
Sample : wg1248124-1,42e,,21
Misc : WG1248128,WG1248124,ICAL15856
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Jun 14 17:47:52 2019
Quant Method : I:\Pest9\190613A\pest9_190606_504_8011_ical15856.M
Quant Title : 8011
QLast Update : Fri Jun 07 16:54:09 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Manual Integration Report

Data Path	: I:\Pest9\190613A\	QMethod	: pest9_190606_504_8011_ic
Data File	: 0613A003.D	Operator	: Pest9:aws
Date Inj'd	: 6/13/2019 3:40 pm	Instrument	: HP G1530A
Sample	: wg1248124-1,42e,,21	Quant Date	: 6/14/2019 5:47 pm

There are no manual integrations or false positives in this file.

GC/MS 8260
Analysis

Sample Results Summary

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab ID	: L1924011-01	**Date Collected**	: 06/05/19 10:58
Client ID	: TMW-7	**Date Received**	: 06/06/19
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 06/14/19 10:00
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V22190614A08	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	1.1	0.75	0.22	
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	0.22	0.50	0.19	J
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab ID	: L1924011-01	**Date Collected**	: 06/05/19 10:58
Client ID	: TMW-7	**Date Received**	: 06/06/19
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 06/14/19 10:00
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V22190614A08	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	3.6	5.0	1.5	J
75-15-0	Carbon disulfide	0.57	5.0	0.30	J
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	Project Number	: 0064-3
Lab ID	: L1924011-01	Date Collected	: 06/05/19 10:58
Client ID	: TMW-7	Date Received	: 06/06/19
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 06/14/19 10:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: V22190614A08	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab ID	: L1924011-01	**Date Collected**	: 06/05/19 10:58
Client ID	: TMW-7	**Date Received**	: 06/06/19
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 06/14/19 10:00
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V22190614A08	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 4 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000104-76-7	1-Hexanol, 2-ethyl-	12.57	2.3	NJ
	Unknown Naphthalene	16.28	1.27	J
	Unknown Naphthalene	16.41	1.18	J
	Total TIC Compounds		4.75J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab ID	: L1924011-02	**Date Collected**	: 06/04/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 06/06/19
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 06/14/19 10:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V22190614A09	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab ID	: L1924011-02	**Date Collected**	: 06/04/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 06/06/19
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 06/14/19 10:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V22190614A09	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	6.6	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	Project Number	: 0064-3
Lab ID	: L1924011-02	Date Collected	: 06/04/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/06/19
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 06/14/19 10:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: V22190614A09	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab ID	: L1924011-02	**Date Collected**	: 06/04/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 06/06/19
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 06/14/19 10:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V22190614A09	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	Project Number	: 0064-3
Lab ID	: WG1248639-5	Date Collected	: NA
Client ID	: WG1248639-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 06/14/19 08:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: V22190614A04	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U
74-87-3	Chloromethane	ND	2.5	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	Project Number	: 0064-3
Lab ID	: WG1248639-5	Date Collected	: NA
Client ID	: WG1248639-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 06/14/19 08:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: V22190614A04	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab ID	: WG1248639-5	**Date Collected**	: NA
Client ID	: WG1248639-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 06/14/19 08:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V22190614A04	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab ID	: WG1248639-5	**Date Collected**	: NA
Client ID	: WG1248639-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 06/14/19 08:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V22190614A04	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: VOA122	**Analysis Date**	: 06/11/19 11:21
Tune Standard	: WG1247557-1	**Tune File ID**	: V22190611BBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.8
75	30.0 - 60.0% of mass 95	56.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0 of mass 95	78.2
175	5.0 - 9.0% of mass 174	6.3 (8.1)1
176	95.0 - 101% of mass 174	77 (98.4)1
177	5.0 - 9.0% of mass 176	5.2 (6.8)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
0.2ug/L	R1196362-1	V22190611B02	06/11/19 12:03
0.5ug/L	R1196362-2	V22190611B04	06/11/19 12:58
2ug/L	R1196362-3	V22190611B06	06/11/19 13:54
10ug/L	R1196362-4	V22190611B07	06/11/19 14:22
30ug/L	R1196362-5	V22190611B08	06/11/19 14:50
80ug/L	R1196362-6	V22190611B09	06/11/19 15:18
120ug/L	R1196362-7	V22190611B10	06/11/19 15:46
200ug/L	R1196362-8	V22190611B11	06/11/19 16:14
ICV Quant Report	R1196362-9	V22190611B17	06/11/19 19:02

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: VOA122	**Analysis Date**	: 06/14/19 06:35
Tune Standard	: WG1248639-1	**Tune File ID**	: V22190614ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	20.6
75	30.0 - 60.0% of mass 95	56.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.2 (.2)1
174	Greater than 50.0 of mass 95	89.1
175	5.0 - 9.0% of mass 174	7.1 (8)1
176	95.0 - 101% of mass 174	86.1 (96.6)1
177	5.0 - 9.0% of mass 176	5.3 (6.1)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1248639-2CCAL	WG1248639-2	V22190614A01	06/14/19 06:44
WG1248639-3LCS	WG1248639-3	V22190614A01	06/14/19 06:44
WG1248639-4LCSD	WG1248639-4	V22190614A02	06/14/19 07:12
WG1248639-5BLANK	WG1248639-5	V22190614A04	06/14/19 08:08
TMW-7	L1924011-01	V22190614A08	06/14/19 10:00
TRIP BLANK	L1924011-02	V22190614A09	06/14/19 10:28

Blank Results Summary

Method Blank Summary
Form 4
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab Sample ID	: WG1248639-5	**Lab File ID**	: V22190614A04
Instrument ID	: VOA122		
Matrix	: WATER	**Analysis Date**	: 06/14/19 08:08

Client Sample No.	Lab Sample ID	Analysis Date
WG1248639-3LCS	WG1248639-3	06/14/19 06:44
WG1248639-4LCSD	WG1248639-4	06/14/19 07:12
TMW-7	L1924011-01	06/14/19 10:00
TRIP BLANK	L1924011-02	06/14/19 10:28

Standards Data Summary

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL15865**
Calibration dates	**: 06/11/19 12:03 06/11/19 16:14**		

Calibration Files

L11 =V22190611B02.D L1 =V22190611B04.D L2 =V22190611B06.D L3 =V22190611B07.D L4 =V22190611B08.D

L6 =V22190611B09.D L8 =V22190611B10.D L10 =V22190611B11.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.244	0.293	0.389	0.399	0.397	0.396	0.349	0.352	17.45
3)	TP	Chloromethane		0.273	0.281	0.300	0.299	0.298	0.294	0.280	0.289	3.76
4)	TC	Vinyl chloride	0.222	0.259	0.269	0.327	0.320	0.329	0.335	0.318	0.298	14.02
5)	TP	Bromomethane		0.111	0.094	0.096	0.117	0.160	0.181		*Q	0.9995
6)	TP	Chloroethane		0.154	0.162	0.180	0.186	0.181	0.182	0.175	0.174	6.80
7)	TP	Trichlorofluor		0.478	0.478	0.627	0.617	0.605	0.581	0.521	0.558	11.59
8)	TP	Ethyl ether		0.082	0.097	0.108	0.108	0.108	0.112	0.110	0.104	10.10
10)	TC	1,1-Dichloroet		0.182	0.201	0.238	0.234	0.226	0.229	0.220	0.219	9.15
11)	TP	Carbon disulfide		0.687	0.639	0.717	0.678	0.645	0.665	0.656	0.670	4.00
12)	TP	Freon-113		0.170	0.221	0.265	0.256	0.249	0.254	0.234	0.236	13.79
13)	TP	Iodomethane *Q									*Q	0.0000
14)	TP	Acrolein			0.015	0.023	0.024	0.024	0.025	0.025	0.023#	18.12
15)	TP	Methylene chlo		0.241	0.241	0.230	0.232	0.225	0.235	0.234	0.234	2.47
17)	TP	Acetone		0.025	0.031	0.036	0.035	0.034	0.037	0.035	0.033#	11.79
18)	TP	trans-1,2-Dich		0.243	0.236	0.264	0.242	0.242	0.244	0.238	0.244	3.80
19)	TP	Methyl acetate		0.079	0.078	0.091	0.087	0.081	0.082	0.078	0.082#	5.90
21)	TP	Methyl tert butyl ether		0.523	0.536	0.597	0.599	0.573	0.508	0.553	0.556	6.41
22)	TP	tert-Butyl alc		0.010	0.011	0.010	0.012	0.011	0.014	0.014	0.012#	15.01
24)	TP	Diisopropyl ether		0.565	0.594	0.661	0.663	0.652	0.657	0.632	0.632	6.06
25)	TP	1,1-Dichloroet		0.445	0.483	0.525	0.506	0.498	0.500	0.484	0.491	5.07
26)	TP	Halothane		0.129	0.182	0.191	0.180	0.184	0.193	0.191	0.179	12.50
27)	TP	Acrylonitrile		0.027	0.040	0.043	0.045	0.044	0.046	0.045	0.041#	16.25
28)	TP	Ethyl tert-but		0.607	0.652	0.760	0.765	0.751	0.751	0.721	0.715	8.62
29)	TP	Vinyl acetate		0.379	0.382	0.443	0.454	0.444	0.438	0.419	0.423	7.26
30)	TP	cis-1,2-Dichlo		0.258	0.248	0.269	0.262	0.254	0.259	0.254	0.258	2.55
31)	TP	2,2-Dichloropr		0.459	0.470	0.524	0.504	0.482	0.457	0.440	0.476	6.14
32)	TP	Bromochloromet		0.084	0.108	0.113	0.109	0.103	0.105	0.103	0.104	8.80
33)	TP	Cyclohexane		0.248	0.325	0.452	0.443	0.436	0.444	0.416	0.395	19.71
34)	TC	Chloroform		0.521	0.563	0.557	0.530	0.518	0.513	0.495	0.528	4.59
35)	TP	Ethyl acetate		1.064	0.289	0.207	0.143	0.134	0.131	0.127	*L	0.9968
36)	TP	Carbon tetrachloride	0.369	0.417	0.445	0.582	0.560	0.552	0.537	0.507	0.496	15.54
37)	TP	Tetrahydrofuran			0.054	0.047	0.040	0.041	0.041	0.039	0.044#	13.07
38)	S	Dibromofluoromethane	0.278	0.285	0.287	0.277	0.279	0.275	0.275	0.270	0.278	1.93
39)	TP	1,1,1-Trichlor		0.484	0.514	0.608	0.581	0.570	0.554	0.519	0.547	7.94
41)	TP	2-Butanone			0.046	0.049	0.050	0.051	0.050	0.049	0.049#	3.55

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL15865**
Calibration dates	**: 06/11/19 12:03 06/11/19 16:14**		

Calibration Files
L11 =V22190611B02.D L1 =V22190611B04.D L2 =V22190611B06.D L3 =V22190611B07.D L4 =V22190611B08.D
L6 =V22190611B09.D L8 =V22190611B10.D L10 =V22190611B11.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
42) TP	1,1-Dichloropr		0.327	0.336	0.409	0.401	0.401	0.402	0.391	0.381	9.02
44) TP	Benzene	0.918	0.881	1.056	1.141	1.109	1.096	1.129	1.107	1.055	9.43
45) TP	Tertiary-Amyl Methyl Ether		0.605	0.622	0.664	0.676	0.671	0.692	0.678	0.658	4.91
46) S	1,2-Dichloroethane-d4	0.434	0.434	0.428	0.431	0.451	0.444	0.410	0.407	0.430	3.55
47) T	1,2-Dichloroet		0.413	0.415	0.430	0.412	0.399	0.384	0.360	0.402	5.78
50) TP	Methyl cyclohe			0.314	0.433	0.442	0.451	0.469	0.444	0.425	13.14
51) TP	Trichloroethene	0.209	0.244	0.252	0.298	0.289	0.291	0.296	0.289	0.271	11.98
53) TP	Dibromomethane		0.145	0.138	0.141	0.140	0.140	0.141	0.139	0.141	1.64
54) TC	1,2-Dichloropr		0.196	0.215	0.237	0.227	0.233	0.239	0.235	0.226	6.75
56) TP	2-Chloroethyl		0.048	0.060	0.067	0.057	0.040			0.054	19.29
57) TP	Bromodichlorom		0.342	0.394	0.421	0.416	0.415	0.414	0.396	0.399	6.89
60) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	12.47
61) TP	cis-1,3-Dichlo		0.381	0.367	0.426	0.410	0.412	0.427	0.423	0.407	5.81
62) I	Chlorobenzene-d5	----------ISTD----------									
63) S	Toluene-d8	1.390	1.403	1.391	1.361	1.339	1.348	1.342	1.320	1.362	2.17
64) TC	Toluene		0.741	0.807	0.881	0.855	0.849	0.874	0.856	0.838	5.81
65) TP	4-Methyl-2-pen		0.038	0.056	0.064	0.069	0.069	0.073	0.070	0.063#	19.65
66) TP	Tetrachloroethene		0.316	0.374	0.443	0.425	0.425	0.432	0.421	0.405	11.07
68) TP	trans-1,3-Dich		0.442	0.461	0.524	0.539	0.533	0.532	0.507	0.505	7.65
70) TP	Ethyl methacry		0.254	0.237	0.283	0.289	0.297	0.307	0.299	0.281	9.12
71) TP	1,1,2-Trichlor		0.169	0.186	0.203	0.195	0.195	0.201	0.194	0.192	6.03
72) TP	Chlorodibromom		0.279	0.297	0.328	0.343	0.342	0.348	0.336	0.325	8.17
73) TP	1,3-Dichloropr		0.361	0.404	0.444	0.431	0.437	0.437	0.427	0.420	6.89
74) TP	1,2-Dibromoethane		0.202	0.213	0.239	0.232	0.238	0.244	0.236	0.229	6.70
76) TP	2-Hexanone		0.083	0.084	0.100	0.106	0.109	0.110	0.108	0.100#	11.56
77) TP	Chlorobenzene		0.814	0.869	0.929	0.901	0.909	0.927	0.894	0.892	4.49
78) TC	Ethylbenzene		1.455	1.562	1.825	1.785	1.788	1.800	1.700	1.702	8.30
79) TP	1,1,1,2-Tetrac		0.314	0.337	0.370	0.361	0.356	0.356	0.339	0.348	5.43
80) TP	p/m Xylene		0.502	0.571	0.666	0.650	0.650	0.663	0.634	0.620	9.85
81) TP	o Xylene		0.489	0.514	0.613	0.623	0.616	0.626	0.603	0.583	9.74
82) TP	Styrene		0.724	0.858	1.006	1.011	1.010	1.127	1.060	0.971	13.97
83) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
84) TP	Bromoform		0.369	0.409	0.423	0.408	0.425	0.444	0.434	0.416	5.86
86) TP	Isopropylbenzene		2.315	2.915	3.508	3.374	3.484	3.531	3.392	3.217	13.98
87) S	4-Bromofluorobenzene	1.043	1.091	1.069	1.017	1.013	1.023	1.040	1.003	1.037	2.91
88) TP	Bromobenzene		0.645	0.737	0.771	0.715	0.739	0.760	0.743	0.730	5.67

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL15865**
Calibration dates	**: 06/11/19 12:03 06/11/19 16:14**		

Calibration Files
L11 =V22190611B02.D L1 =V22190611B04.D L2 =V22190611B06.D L3 =V22190611B07.D L4 =V22190611B08.D
L6 =V22190611B09.D L8 =V22190611B10.D L10 =V22190611B11.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
89) TP	n-Propylbenzene		2.927	3.539	4.116	3.931	4.095	4.074	3.856	3.791	11.35
90) TP	1,4-Dichlorobu		0.683	0.730	0.790	0.759	0.769	0.770	0.729	0.747	4.80
91) TP	1,1,2,2-Tetrac		0.436	0.428	0.459	0.453	0.459	0.474	0.461	0.453	3.45
92) TP	4-Ethyltoluene		2.289	2.664	3.255	3.099	3.176	3.209	3.033	2.961	12.01
93) TP	2-Chlorotoluene		1.830	2.116	2.380	2.225	2.294	2.324	2.227	2.199	8.34
94) TP	1,3,5-Trimethy		2.072	2.460	2.958	2.794	2.876	2.862	2.759	2.683	11.65
95) TP	1,2,3-Trichlor		0.383	0.448	0.456	0.426	0.440	0.448	0.444	0.435	5.68
96) TP	trans-1,4-Dich		0.097	0.116	0.138	0.150	0.161	0.157	0.150	0.138	17.20
97) TP	4-Chlorotoluene		1.999	2.305	2.529	2.414	2.517	2.520	2.391	2.382	7.90
98) TP	tert-Butylbenzene		1.636	1.921	2.464	2.378	2.469	2.462	2.367	2.242	14.72
101) TP	1,2,4-Trimethy		1.884	2.432	2.922	2.794	2.909	2.884	2.756	2.654	14.28
102) TP	sec-Butylbenzene		1.536	2.003	2.397	2.460	2.671	2.667	2.662	2.342	18.26
103) TP	p-Isopropyltol		1.796	2.313	2.899	2.910	3.058	3.004	2.832	2.687	17.23
104) TP	1,3-Dichlorobe		1.163	1.320	1.477	1.405	1.460	1.462	1.399	1.384	8.03
105) TP	1,4-Dichlorobe		1.347	1.272	1.444	1.369	1.434	1.449	1.396	1.387	4.60
106) TP	p-Diethylbenzene		1.019	1.241	1.596	1.630	1.736	1.720	1.652	1.514	18.10
107) TP	n-Butylbenzene		1.774	2.030	2.627	2.630	2.766	2.707	2.564	2.442	15.65
108) TP	1,2-Dichlorobe		1.132	1.180	1.273	1.246	1.310	1.315	1.261	1.245	5.41
109) TP	1,2,4,5-Tetram		1.692	1.813	2.378	2.452	2.661	2.608	2.450	2.293	16.73
110) TP	1,2-Dibromo-3-			0.052	0.077	0.080	0.085	0.088	0.087	0.078	17.16
111) TP	1,3,5-Trichlor		0.714	0.852	0.974	1.015	1.095	1.067	1.021	0.963	14.00
112) TP	Hexachlorobuta		0.336	0.327	0.415	0.442	0.486	0.465	0.458	0.418	15.15
113) TP	1,2,4-Trichlor		0.715	0.731	0.878	0.887	0.971	0.954	0.919	0.865	11.89
114) TP	Naphthalene		1.280	1.261	1.475	1.531	1.641	1.663	1.648	1.500	11.40
115) TP	1,2,3-Trichlor		0.614	0.668	0.744	0.771	0.835	0.816	0.801	0.750	10.89

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011	
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3	
Instrument ID	: VOA122	**Calibration Date**	: 06/14/19 06:44	
Lab File ID	: V22190614A01	**Init. Calib. Date(s)**	: 06/11/19	06/11/19
Sample No	: WG1248639-2	**Init. Calib. Times**	: 12:03	16:14
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	101	-.01
Dichlorodifluoromethane	0.352	0.347	-	1.4	20	90	0
Chloromethane	0.289	0.243	-	15.9	20	82	0
Vinyl chloride	0.298	0.275	-	7.7	20	85	0
Bromomethane	10	10.214	-	-2.1	20	113	0
Chloroethane	0.174	0.169	-	2.9	20	95	0
Trichlorofluoromethane	0.558	0.555	-	0.5	20	89	0
Ethyl ether	0.104	0.104	-	0	20	97	0
1,1-Dichloroethene	0.219	0.215	-	1.8	20	91	0
Carbon disulfide	0.67	0.659	-	1.6	20	93	0
Freon-113	0.236	0.239	-	-1.3	20	91	0
Acrolein	0.023	0.022*	-	4.3	20	97	0
Methylene chloride	0.234	0.231	-	1.3	20	101	0
Acetone	0.033	0.041*	-	-24.2*	20	116	0
trans-1,2-Dichloroethene	0.244	0.248	-	-1.6	20	95	0
Methyl acetate	0.082	0.084*	-	-2.4	20	94	0
Methyl tert-butyl ether	0.556	0.585	-	-5.2	20	99	0
tert-Butyl alcohol	0.012	0.012*	-	0	20	121	0
Diisopropyl ether	0.632	0.62	-	1.9	20	95	0
1,1-Dichloroethane	0.491	0.488	-	0.6	20	94	0
Halothane	0.179	0.174	-	2.8	20	92	0
Acrylonitrile	0.041	0.041*	-	0	20	95	0
Ethyl tert-butyl ether	0.715	0.721	-	-0.8	20	96	0
Vinyl acetate	0.423	0.414	-	2.1	20	94	0
cis-1,2-Dichloroethene	0.258	0.269	-	-4.3	20	101	0
2,2-Dichloropropane	0.476	0.527	-	-10.7	20	101	0
Bromochloromethane	0.104	0.11	-	-5.8	20	98	0
Cyclohexane	0.395	0.388	-	1.8	20	87	0
Chloroform	0.528	0.537	-	-1.7	20	97	0
Ethyl acetate	10	11.691	-	-16.9	20	94	0
Carbon tetrachloride	0.496	0.529	-	-6.7	20	92	0
Tetrahydrofuran	0.044	0.044*	-	0	20	95	0
Dibromofluoromethane	0.278	0.28	-	-0.7	20	102	0
1,1,1-Trichloroethane	0.547	0.555	-	-1.5	20	92	0
2-Butanone	0.049	0.05*	-	-2	20	102	0
1,1-Dichloropropene	0.381	0.384	-	-0.8	20	95	0
Benzene	1.055	1.082	-	-2.6	20	96	0
tert-Amyl methyl ether	0.658	0.662	-	-0.6	20	101	-.01
1,2-Dichloroethane-d4	0.43	0.437	-	-1.6	20	102	0
1,2-Dichloroethane	0.402	0.405	-	-0.7	20	95	0
Methyl cyclohexane	0.425	0.389	-	8.5	20	91	-.01
Trichloroethene	0.271	0.275	-	-1.5	20	93	0
Dibromomethane	0.141	0.14	-	0.7	20	101	-.01

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	Lab Number	: L1924011	
Project Name	: FORMER PISTOIA SERVICE CENTER	Project Number	: 0064-3	
Instrument ID	: VOA122	Calibration Date	: 06/14/19 06:44	
Lab File ID	: V22190614A01	Init. Calib. Date(s)	: 06/11/19	06/11/19
Sample No	: WG1248639-2	Init. Calib. Times	: 12:03	16:14
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.226	0.223	-	1.3	20	95	0
Bromodichloromethane	0.399	0.397	-	0.5	20	95	-.01
1,4-Dioxane	0.00083	0.0013*	-	-56.6*	20	178	-.01
cis-1,3-Dichloropropene	0.407	0.394	-	3.2	20	93	0
Chlorobenzene-d5	1	1	-	0	20	103	0
Toluene-d8	1.362	1.352	-	0.7	20	102	0
Toluene	0.838	0.826	-	1.4	20	97	0
4-Methyl-2-pentanone	0.063	0.062*	-	1.6	20	100	0
Tetrachloroethene	0.405	0.401	-	1	20	93	0
trans-1,3-Dichloropropene	0.505	0.518	-	-2.6	20	102	0
Ethyl methacrylate	0.281	0.269	-	4.3	20	98	0
1,1,2-Trichloroethane	0.192	0.188	-	2.1	20	95	0
Chlorodibromomethane	0.325	0.329	-	-1.2	20	103	0
1,3-Dichloropropane	0.42	0.417	-	0.7	20	97	0
1,2-Dibromoethane	0.229	0.23	-	-0.4	20	99	0
2-Hexanone	0.1	0.094*	-	6	20	97	0
Chlorobenzene	0.892	0.908	-	-1.8	20	101	0
Ethylbenzene	1.702	1.697	-	0.3	20	96	0
1,1,1,2-Tetrachloroethane	0.348	0.343	-	1.4	20	95	0
p/m Xylene	0.62	0.616	-	0.6	20	95	0
o Xylene	0.583	0.586	-	-0.5	20	98	0
Styrene	0.971	0.961	-	1	20	98	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	104	0
Bromoform	0.416	0.405	-	2.6	20	100	0
Isopropylbenzene	3.217	3.211	-	0.2	20	96	0
4-Bromofluorobenzene	1.037	1.015	-	2.1	20	104	0
Bromobenzene	0.73	0.734	-	-0.5	20	99	0
n-Propylbenzene	3.791	3.712	-	2.1	20	94	0
1,4-Dichlorobutane	0.747	0.723	-	3.2	20	96	0
1,1,2,2-Tetrachloroethane	0.453	0.439	-	3.1	20	100	0
4-Ethyltoluene	2.961	2.988	-	-0.9	20	96	0
2-Chlorotoluene	2.199	2.596	-	-18.1	20	114	0
1,3,5-Trimethylbenzene	2.683	2.686	-	-0.1	20	95	0
1,2,3-Trichloropropane	0.435	0.414	-	4.8	20	95	0
trans-1,4-Dichloro-2-buten	0.138	0.147	-	-6.5	20	111	0
4-Chlorotoluene	2.382	2.379	-	0.1	20	98	0
tert-Butylbenzene	2.242	2.183	-	2.6	20	92	0
1,2,4-Trimethylbenzene	2.654	2.688	-	-1.3	20	96	0
sec-Butylbenzene	2.342	2.244	-	4.2	20	98	0
p-Isopropyltoluene	2.687	2.699	-	-0.4	20	97	0
1,3-Dichlorobenzene	1.384	1.376	-	0.6	20	97	0
1,4-Dichlorobenzene	1.387	1.371	-	1.2	20	99	0
p-Diethylbenzene	1.514	1.469	-	3	20	96	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011	
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3	
Instrument ID	: VOA122	**Calibration Date**	: 06/14/19 06:44	
Lab File ID	: V22190614A01	**Init. Calib. Date(s)**	: 06/11/19	06/11/19
Sample No	: WG1248639-2	**Init. Calib. Times**	: 12:03	16:14
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.442	2.357	-	3.5	20	94	0
1,2-Dichlorobenzene	1.245	1.209	-	2.9	20	99	0
1,2,4,5-Tetramethylbenzene	2.293	2.167	-	5.5	20	95	0
1,2-Dibromo-3-chloropropan	0.078	0.072	-	7.7	20	98	0
1,3,5-Trichlorobenzene	0.963	0.952	-	1.1	20	102	0
Hexachlorobutadiene	0.418	0.401	-	4.1	20	101	0
1,2,4-Trichlorobenzene	0.865	0.819	-	5.3	20	97	0
Naphthalene	1.5	1.356	-	9.6	20	96	0
1,2,3-Trichlorobenzene	0.75	0.693	-	7.6	20	97	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Lisko Environmental, LLC
Project Name: FORMER PISTOIA SERVICE CENTER

Lab Number: L1924011
Project Number: 0064-3
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
TMW-7 (L1924011-01)	89	100	99	99	0
TRIP BLANK (L1924011-02)	87	100	100	100	0
WG1248639-3LCS	102	99	98	101	0
WG1248639-4LCSD	104	99	98	101	0
WG1248639-5BLANK	101	99	100	104	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

FORM II NJ-8260

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Matrix	: WATER		
LCS Sample ID	: WG1248639-3 **Analysis Date** : 06/14/19 06:44	**File ID**	: V22190614A01
LCSD Sample ID	: WG1248639-4 **Analysis Date** : 06/14/19 07:12	**File ID**	: V22190614A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dibromo-3-chloropropane	10	9.2	92	10	9.8	98	6	40-160	20
1,4-Dioxane	500	780	156	500	830	166 Q	6	40-160	20
1,2-Dibromoethane	10	10	100	10	10	100	0	70-130	20
Methylene chloride	10	9.9	99	10	10	100	1	70-130	20
1,1-Dichloroethane	10	9.9	99	10	10	100	1	70-130	20
Chloroform	10	10	100	10	10	100	0	70-130	20
Carbon tetrachloride	10	11	110	10	11	110	0	70-130	20
1,2-Dichloropropane	10	9.8	98	10	9.6	96	2	70-130	20
Dibromochloromethane	10	10	100	10	10	100	0	70-130	20
1,1,2-Trichloroethane	10	9.8	98	10	10	100	2	70-130	20
Tetrachloroethene	10	9.9	99	10	10	100	1	70-130	20
Chlorobenzene	10	10	100	10	10	100	0	70-130	20
Trichlorofluoromethane	10	9.9	99	10	9.9	99	0	40-160	20
1,2-Dichloroethane	10	10	100	10	10	100	0	70-130	20
1,1,1-Trichloroethane	10	10	100	10	10	100	0	70-130	20
Bromodichloromethane	10	9.9	99	10	10	100	1	70-130	20
trans-1,3-Dichloropropene	10	10	100	10	9.9	99	1	70-130	20
cis-1,3-Dichloropropene	10	9.7	97	10	10	100	3	70-130	20
Bromoform	10	9.7	97	10	10	100	3	40-160	20
1,1,2,2-Tetrachloroethane	10	9.7	97	10	9.8	98	1	40-160	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	9.9	99	10	9.7	97	2	70-130	20
Ethylbenzene	10	10	100	10	10	100	0	70-130	20
Chloromethane	10	8.4	84	10	8.5	85	1	40-160	20
Bromomethane	10	10	100	10	10	100	0	40-160	20
Vinyl chloride	10	9.2	92	10	9.2	92	0	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Matrix	: WATER		
LCS Sample ID	: WG1248639-3 **Analysis Date** : 06/14/19 06:44	**File ID**	: V22190614A01
LCSD Sample ID	: WG1248639-4 **Analysis Date** : 06/14/19 07:12	**File ID**	: V22190614A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Chloroethane	10	9.7	97	10	9.6	96	1	40-160	20
1,1-Dichloroethene	10	9.8	98	10	10	100	2	70-130	20
trans-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20
Trichloroethene	10	10	100	10	10	100	0	70-130	20
1,2-Dichlorobenzene	10	9.7	97	10	9.7	97	0	70-130	20
1,3-Dichlorobenzene	10	9.9	99	10	10	100	1	70-130	20
1,4-Dichlorobenzene	10	9.9	99	10	9.9	99	0	70-130	20
Methyl tert butyl ether	10	10	100	10	11	110	10	70-130	20
p/m-Xylene	20	20	100	20	20	100	0	70-130	20
o-Xylene	20	20	100	20	20	100	0	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20
Styrene	20	20	100	20	20	100	0	40-160	20
Dichlorodifluoromethane	10	9.8	98	10	9.7	97	1	40-160	20
Acetone	10	12	120	10	12	120	0	40-160	20
Carbon disulfide	10	9.8	98	10	9.8	98	0	40-160	20
2-Butanone	10	10	100	10	11	110	10	40-160	20
4-Methyl-2-pentanone	10	10	100	10	9.6	96	4	40-160	20
2-Hexanone	10	9.4	94	10	10	100	6	40-160	20
Bromochloromethane	10	10	100	10	11	110	10	70-130	20
Isopropylbenzene	10	10	100	10	10	100	0	70-130	20
1,2,3-Trichlorobenzene	10	9.2	92	10	9.8	98	6	70-130	20
1,2,4-Trichlorobenzene	10	9.5	95	10	9.7	97	2	70-130	20
Methyl Acetate	10	10	100	10	11	110	10	70-130	20
Cyclohexane	10	9.8	98	10	9.8	98	0	70-130	20
Methyl cyclohexane	10	9.1	91	10	9.4	94	3	70-130	20
Freon-113	10	10	100	10	10	100	0	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: VOA122	**Analysis Date**	: 06/14/19 06:44
Sample No	: WG1248639-2	**Lab File ID**	: V22190614A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1248639-2	170715	5.95	128257	9.49	68964	12.21
Upper Limit	341430	6.45	256514	9.99	137928	12.71
Lower Limit	85358	5.45	64129	8.99	34482	11.71
Sample ID						
WG1248639-3 LCS	170715	5.95	128257	9.49	68964	12.21
WG1248639-4 LCSD	166118	5.95	128580	9.49	68953	12.21
WG1248639-5 BLANK	165740	5.95	125770	9.49	63286	12.21
TMW-7	203988	5.95	150745	9.49	75141	12.21
TRIP BLANK	204828	5.95	151651	9.49	74768	12.21

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A08.D
Acq On : 14 Jun 2019 10:00 am
Operator : VOA122:PD
Sample : 11924011-01,31,10,10,,c
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 14 11:33:16 2019
Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jun 12 14:26:44 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2019\190614A\V22190614A01.D
Sub List : 8260-NJTCL - Standard NJ Sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.947	96	203988	10.000 ug/L	-0.01
Standard Area 1 = 170715			Recovery = 119.49%		
62) Chlorobenzene-d5	9.485	117	150745	10.000 ug/L	0.00
Standard Area 1 = 128257			Recovery = 117.53%		
83) 1,4-Dichlorobenzene-d4	12.212	152	75141	10.000 ug/L	0.00
Standard Area 1 = 68964			Recovery = 108.96%		
System Monitoring Compounds					
38) Dibromofluoromethane	5.133	113	55878	9.852 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.52%		
46) 1,2-Dichloroethane-d4	5.658	65	77697	8.861 ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 88.61%		
63) Toluene-d8	7.639	98	205934	10.032 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.32%		
87) 4-Bromofluorobenzene	10.991	95	77098	9.892 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.92%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.790	50	105	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D. d	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.917	76	7813	0.572 ug/L	96
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	3.494	43	2442	3.586 ug/L	92
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
30) cis-1,2-Dichloroethene	0.000		0	N.D.	
32) Bromochloromethane	0.000		0	N.D.	
33) Cyclohexane	0.000		0	N.D.	
34) Chloroform	4.953	83	12074	1.120 ug/L	99
36) Carbon tetrachloride	0.000		0	N.D.	

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A08.D
Acq On : 14 Jun 2019 10:00 am
Operator : VOA122:PD
Sample : 11924011-01,31,10,10,,c
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 14 11:33:16 2019
Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jun 12 14:26:44 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2019\190614A\V22190614A01.D
Sub List : 8260-NJTCL - Standard NJ Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,1,1-Trichloroethane	0.000		0	N.D.		
41) 2-Butanone	0.000		0	N.D.	d	
44) Benzene	5.531	78	812	N.D.		
47) 1,2-Dichloroethane	5.730	62	136	N.D.		
50) Methyl cyclohexane	0.000		0	N.D.		
51) Trichloroethene	0.000		0	N.D.		
54) 1,2-Dichloropropane	0.000		0	N.D.		
57) Bromodichloromethane	6.731	83	1813	0.222	ug/L #	92
60) 1,4-Dioxane	0.000		0	N.D.		
61) cis-1,3-Dichloropropene	0.000		0	N.D.		
64) Toluene	7.695	92	1014	0.080	ug/L	99
65) 4-Methyl-2-pentanone	0.000		0	N.D.		
66) Tetrachloroethene	0.000		0	N.D.		
68) trans-1,3-Dichloropropene	0.000		0	N.D.		
71) 1,1,2-Trichloroethane	0.000		0	N.D.		
72) Chlorodibromomethane	8.567	129	249	N.D.		
74) 1,2-Dibromoethane	0.000		0	N.D.		
76) 2-Hexanone	0.000		0	N.D.	d	
77) Chlorobenzene	0.000		0	N.D.		
78) Ethylbenzene	9.542	91	545	N.D.		
80) p/m Xylene	9.741	106	916	0.098	ug/L	93
81) o Xylene	10.290	106	90	N.D.		
82) Styrene	0.000		0	N.D.		
84) Bromoform	0.000		0	N.D.		
86) Isopropylbenzene	0.000		0	N.D.		
91) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
104) 1,3-Dichlorobenzene	12.229	146	188	N.D.		
105) 1,4-Dichlorobenzene	12.229	146	188	N.D.		
108) 1,2-Dichlorobenzene	0.000		0	N.D.		
110) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
113) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
115) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

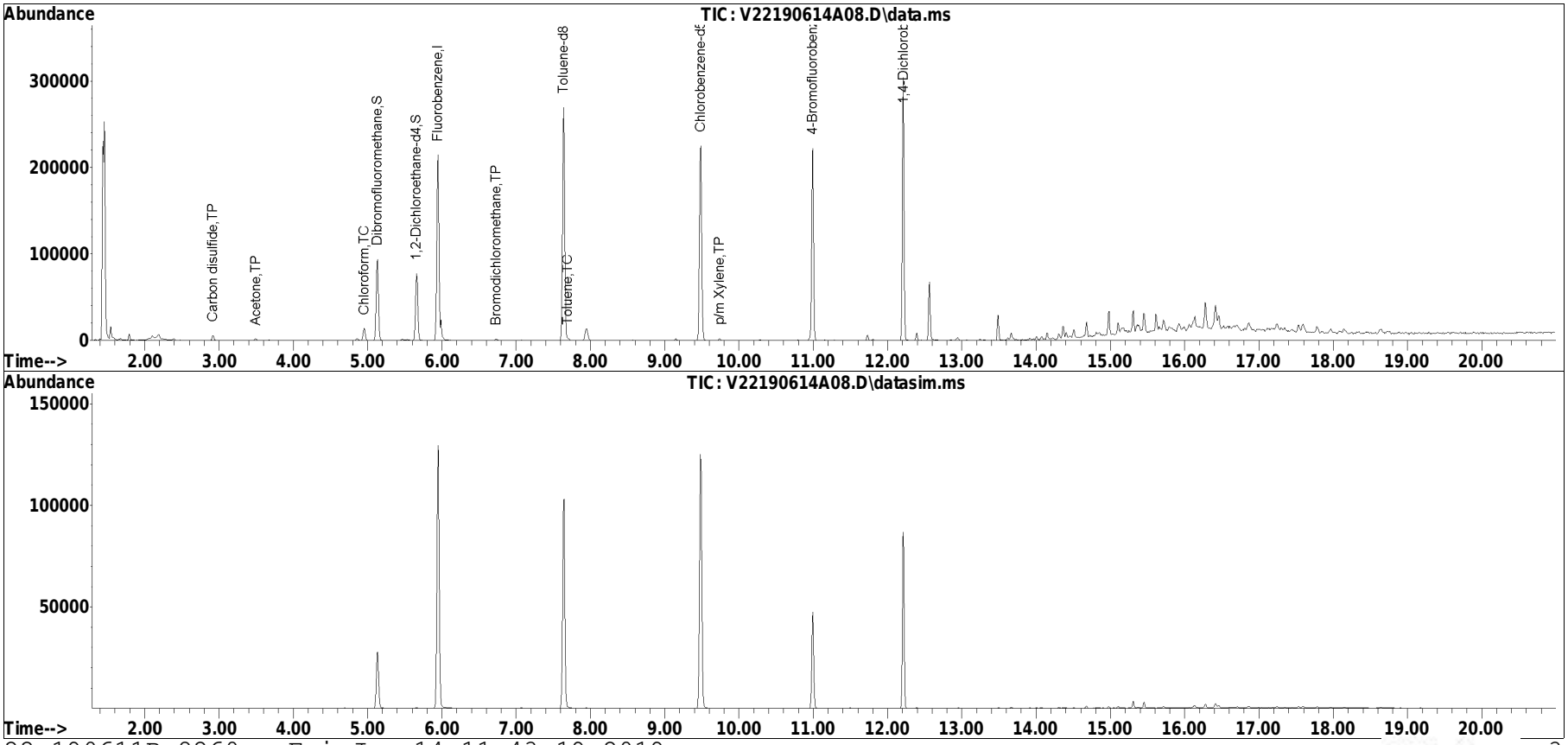
(#) = qualifier out of range (m) = manual integration (+) = signals summed

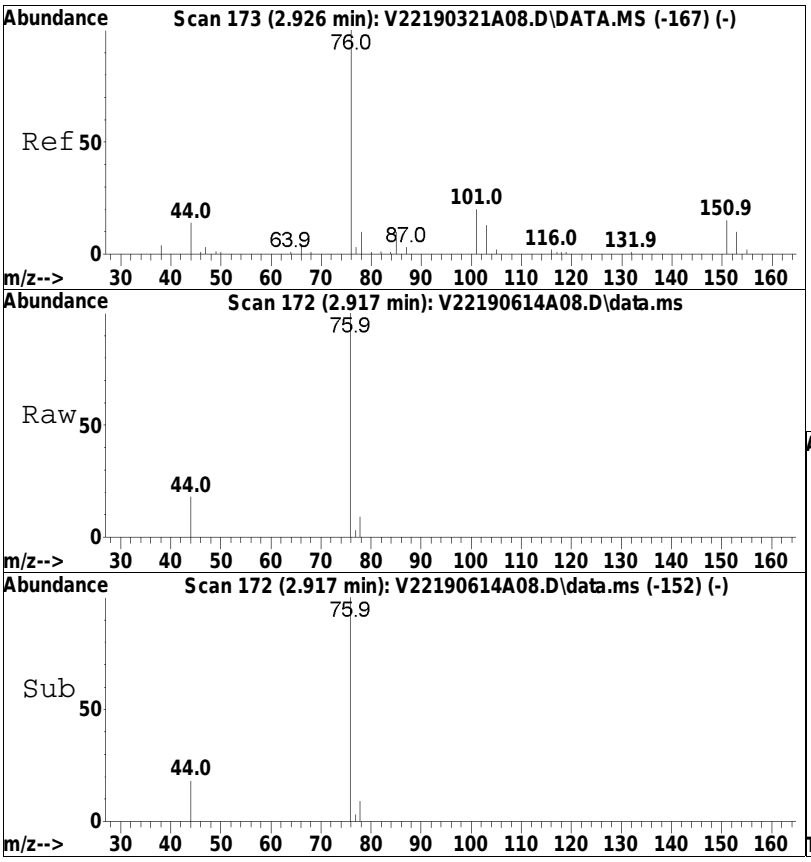
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A08.D
Acq On : 14 Jun 2019 10:00 am
Operator : VOA122:PD
Sample : 11924011-01,31,10,10,,c
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 14 11:33:16 2019
Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jun 12 14:26:44 2019
Response via : Initial Calibration

Sub List : 8260-NJTCL - Standard NJ Sublist614A\V22190614A01.D•

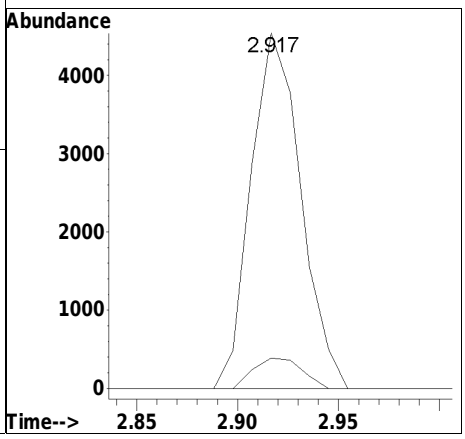


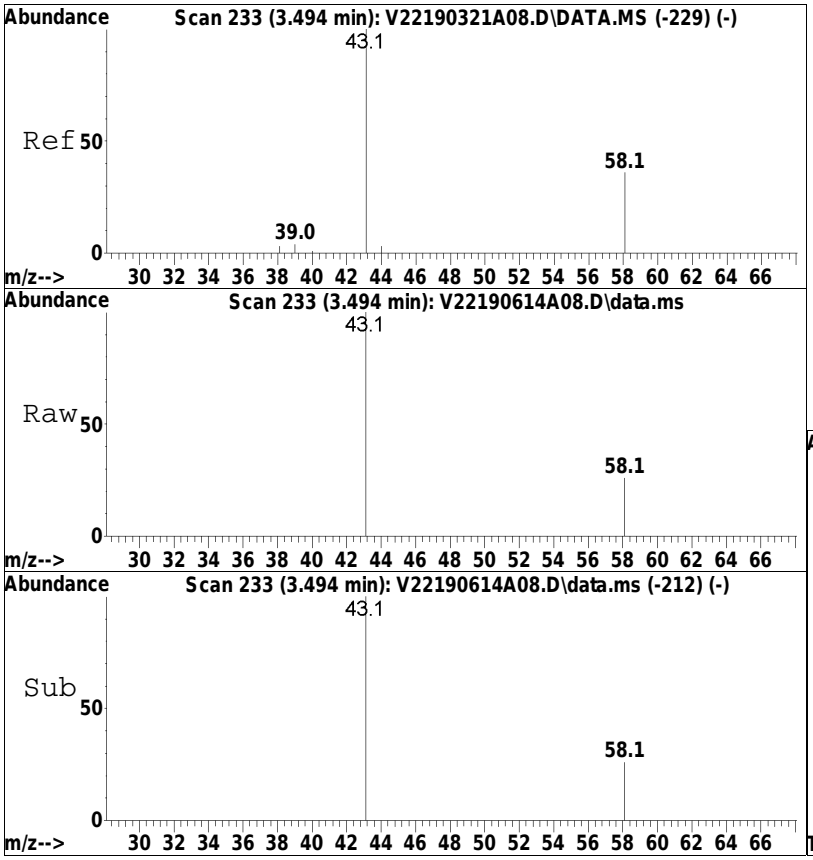


#11
Carbon disulfide
Concen: 0.57 ug/L
RT: 2.917 min Scan# 172
Delta R.T. -0.009 min
Lab File: V22190614A08.D
Acq: 14 Jun 2019 10:00 am

Tgt Ion: 76 Resp: 7813

Ion	Ratio	Lower	Upper
76	100		
78	8.4	6.4	13.4

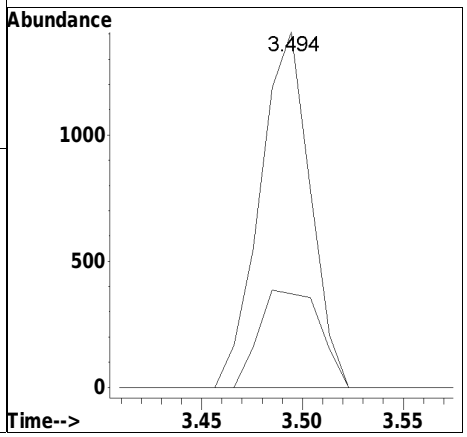


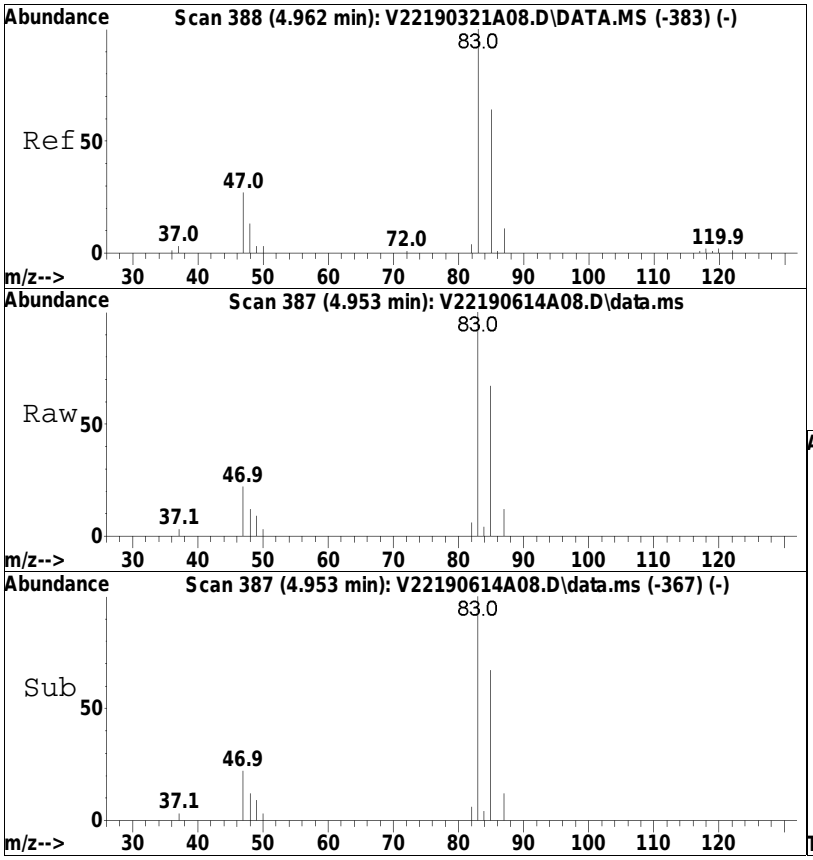


#17
Acetone
Concen: 3.59 ug/L
RT: 3.494 min Scan# 233
Delta R.T. 0.000 min
Lab File: V22190614A08.D
Acq: 14 Jun 2019 10:00 am

Tgt Ion: 43 Resp: 2442

Ion	Ratio	Lower	Upper
43	100		
58	33.1	23.1	34.7

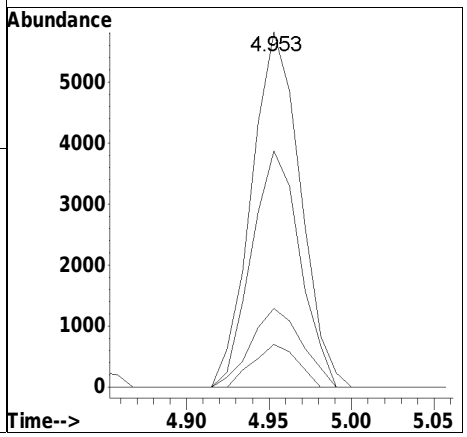


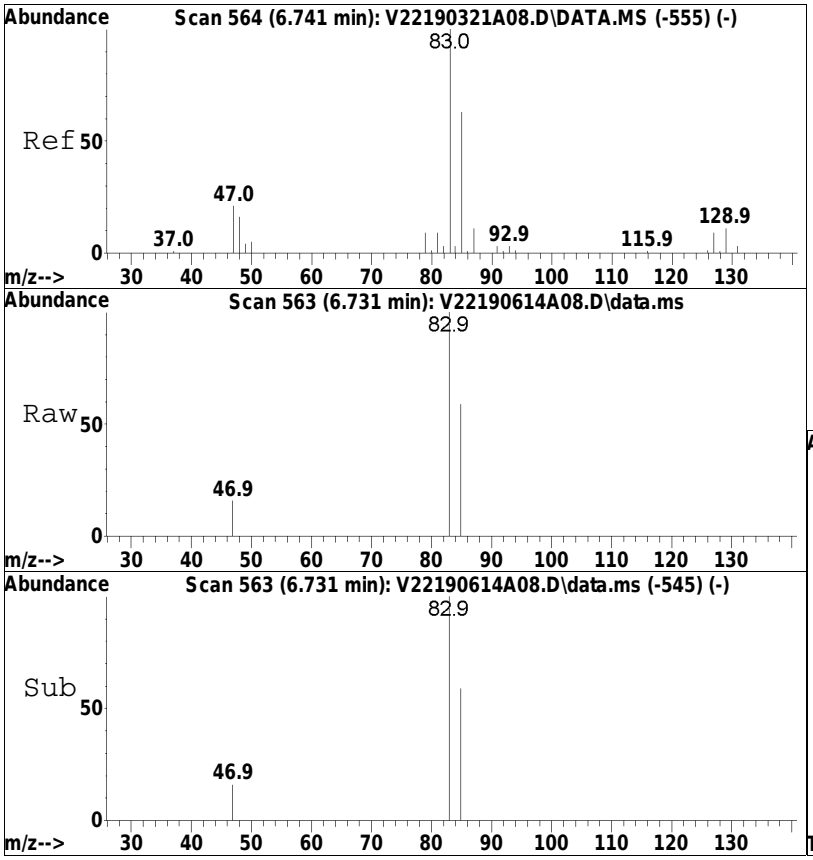


#34
Chloroform
Concen: 1.12 ug/L
RT: 4.953 min Scan# 387
Delta R.T. -0.009 min
Lab File: V22190614A08.D
Acq: 14 Jun 2019 10:00 am

Tgt Ion: 83 Resp: 12074

Ion	Ratio	Lower	Upper
83	100		
85	65.8	42.4	88.2
47	23.2	14.0	29.0
48	11.0	6.9	14.3

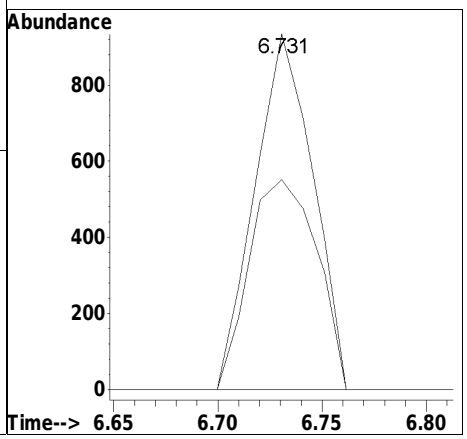


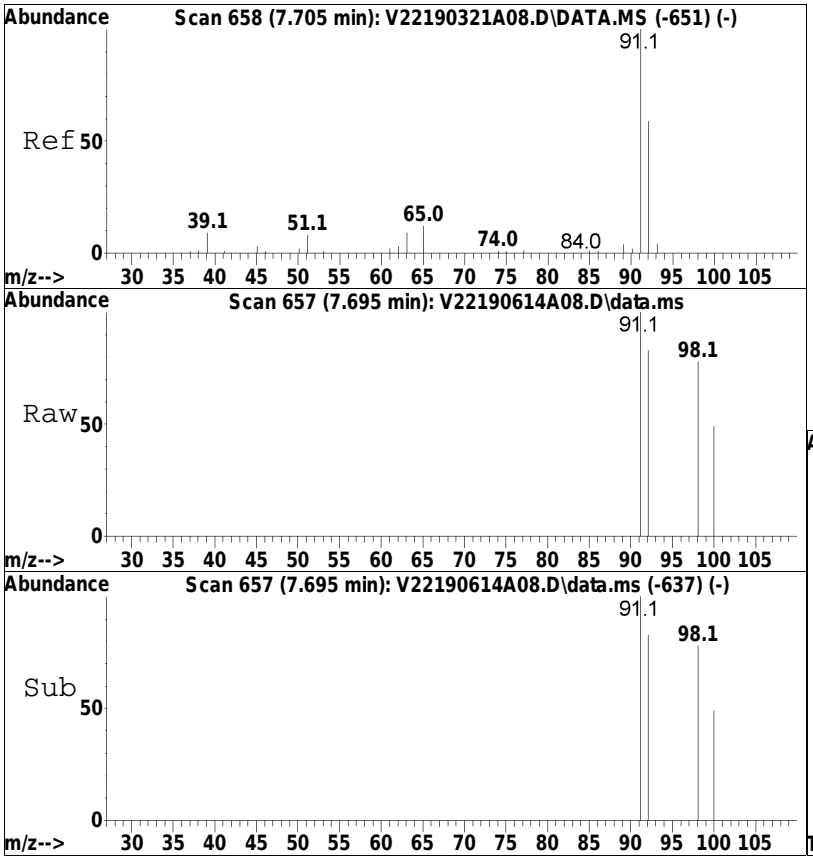


#57
Bromodichloromethane
Concen: 0.22 ug/L
RT: 6.731 min Scan# 563
Delta R.T. -0.010 min
Lab File: V22190614A08.D
Acq: 14 Jun 2019 10:00 am

Tgt Ion: 83 Resp: 1813

Ion	Ratio	Lower	Upper
83	100		
85	69.0	51.6	77.4
127	0.0	7.4	11.0#

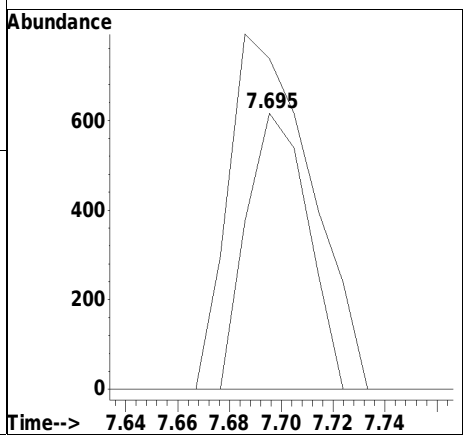


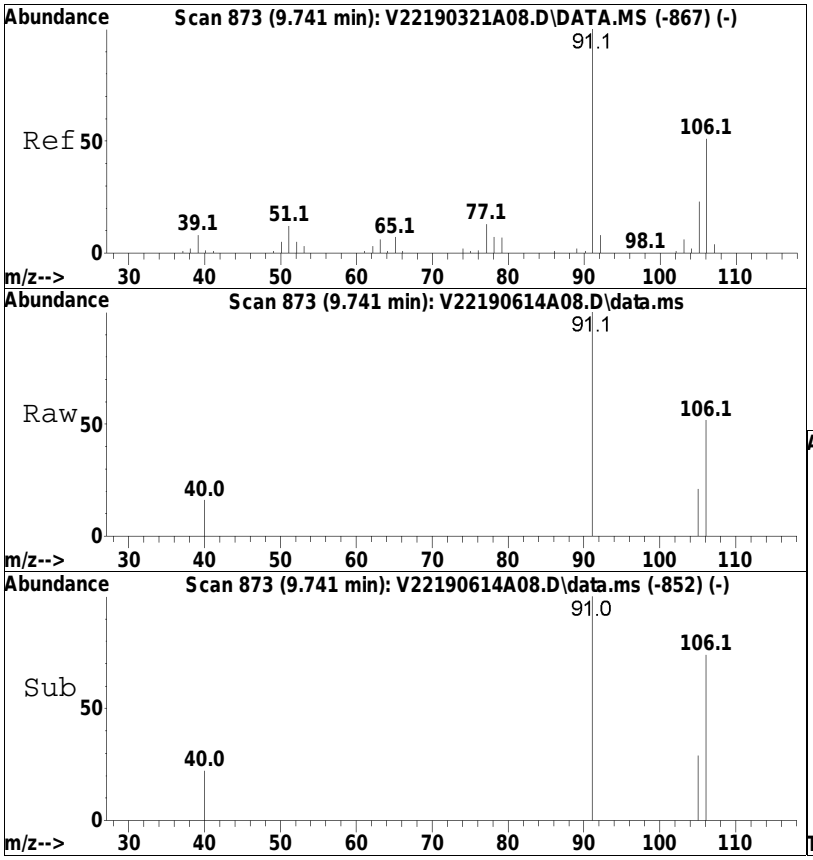


#64
Toluene
Concen: 0.08 ug/L
RT: 7.695 min Scan# 657
Delta R.T. -0.010 min
Lab File: V22190614A08.D
Acq: 14 Jun 2019 10:00 am

Tgt Ion: 92 Resp: 1014

Ion	Ratio	Lower	Upper
92	100		
91	172.6	137.0	205.6

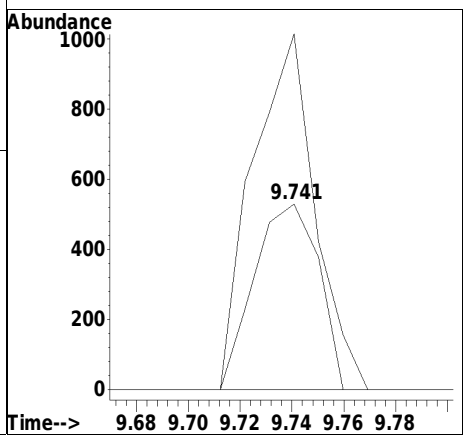




#80
p/m Xylene
Concen: 0.10 ug/L
RT: 9.741 min Scan# 873
Delta R.T. -0.000 min
Lab File: V22190614A08.D
Acq: 14 Jun 2019 10:00 am

Tgt Ion:106 Resp: 916

Ion	Ratio	Lower	Upper
106	100		
91	184.6	156.0	234.0



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2019\1	QMethod	: V122_190611B_8260.m
Data File	: V22190614A08.D	Operator	: VOA122:PD
Date Inj'd	: 6/14/2019 10:00 am	Instrument	: VOA122
Sample	: l1924011-01,31,10,10,,c	Quant Date	: 6/14/2019 11:32 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A08.D
Acq On : 14 Jun 2019 10:00 am
Operator : VOA122:PD
Sample : 11924011-01,31,10,10,,c
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22190614A08.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.543	25	27	36	rVB2	15157	23127	4.28%	0.651%
2	2.102	77	86	90	rBV2	5029	18558	3.44%	0.522%
3	2.187	90	95	108	rVB3	6469	23453	4.34%	0.660%
4	4.953	382	387	394	rBB	13912	28718	5.32%	0.808%
5	5.133	400	406	414	rBB	93836	190867	35.35%	5.373%
6	5.658	454	459	468	rVB	77077	184291	34.14%	5.188%
7	5.947	481	487	508	rBB	214602	458626	84.95%	12.911%
8	7.639	645	651	665	rBB	269719	539881	100.00%	15.198%
9	7.951	677	684	691	rBB	13502	35577	6.59%	1.002%
10	9.485	839	846	856	rBB	225369	465214	86.17%	13.096%
11	10.991	995	1003	1010	rBB	222397	386617	71.61%	10.884%
12	12.212	1126	1133	1142	rBB	304006	469258	86.92%	13.210%
13	12.566	1166	1174	1183	rBV	67559	108125	20.03%	3.044%
14	13.489	1276	1281	1285	rBV2	29325	40683	7.54%	1.145%
15	14.360	1379	1382	1385	rBV	14173	22995	4.26%	0.647%
16	14.679	1412	1419	1422	rBV2	17573	28698	5.32%	0.808%
17	14.981	1449	1454	1458	rBV2	27802	43860	8.12%	1.235%
18	15.102	1464	1468	1471	rBV2	13470	22603	4.19%	0.636%
19	15.171	1471	1476	1480	rVV7	5354	17859	3.31%	0.503%
20	15.309	1487	1492	1495	rBV	25199	38228	7.08%	1.076%
21	15.361	1495	1498	1504	rVV6	8869	27280	5.05%	0.768%
22	15.447	1504	1508	1514	rVB	22125	41475	7.68%	1.168%
23	15.611	1524	1527	1531	rBV	19160	28047	5.20%	0.790%
24	15.715	1536	1539	1545	rVB2	12319	24512	4.54%	0.690%
25	15.792	1545	1548	1559	rVB2	6135	23172	4.29%	0.652%
26	15.922	1559	1563	1567	rBV7	9472	23735	4.40%	0.668%
27	16.137	1582	1588	1593	rVV4	13669	33698	6.24%	0.949%
28	16.275	1600	1604	1613	rVB	31152	59678	11.05%	1.680%

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A08.D
Acq On : 14 Jun 2019 10:00 am
Operator : VOA122:PD
Sample : 11924011-01,31,10,10,,c
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Title : VOLATILES BY GC/MS

29	16.413	1614	1620	1623	rBV	26568	55485	10.28%	1.562%
30	16.862	1668	1672	1683	rVB	10437	34004	6.30%	0.957%
31	17.535	1746	1750	1753	rBV2	8403	16487	3.05%	0.464%
32	17.595	1753	1757	1763	rVB7	9109	21077	3.90%	0.593%
33	17.777	1775	1778	1783	rVB4	7846	16428	3.04%	0.462%

Sum of corrected areas: 3552316
Signal : TIC: V22190614A08.D\datasim.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total

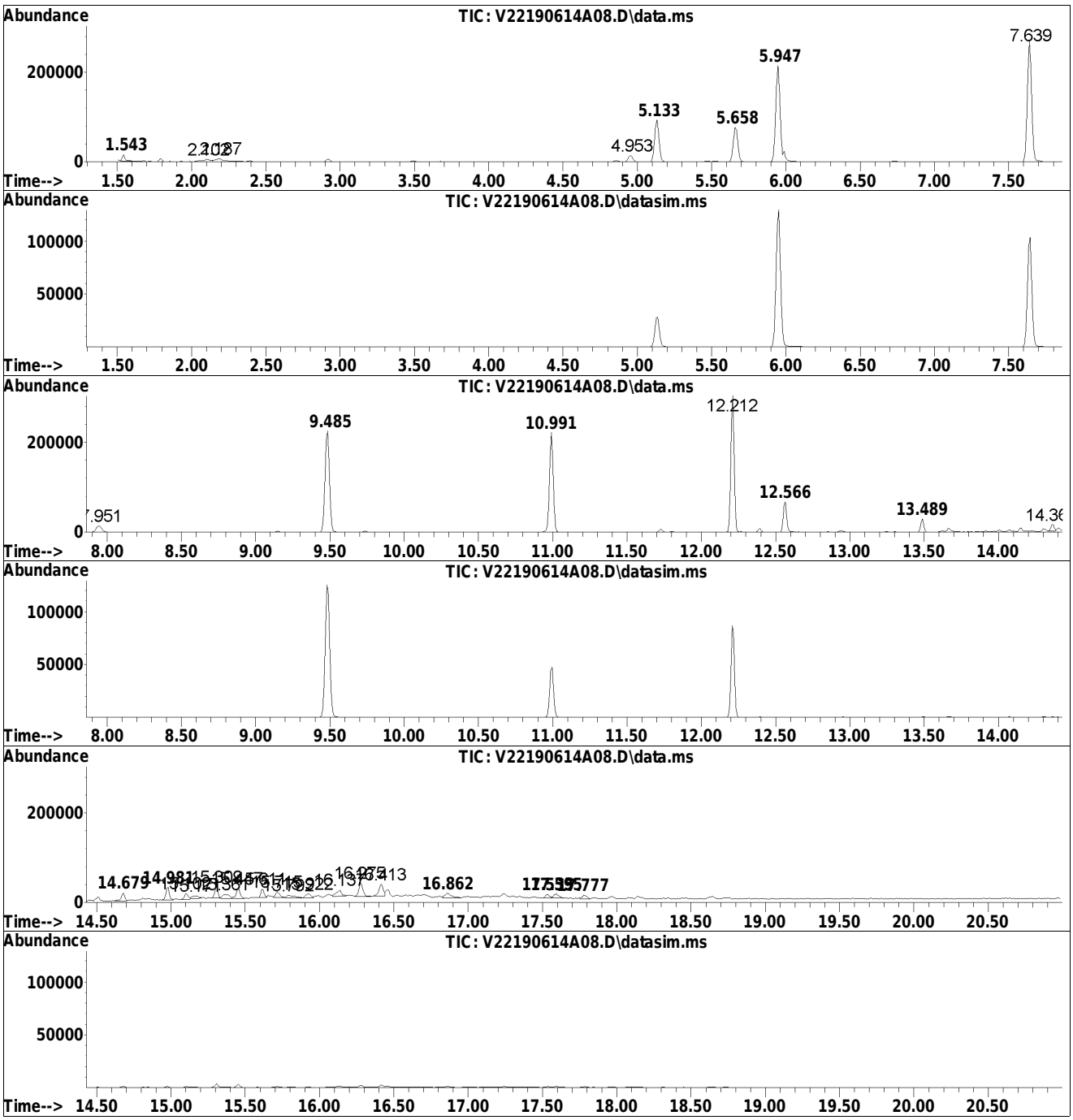
No peaks were detected using the above RTE integration parameters!

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A08.D
Acq On : 14 Jun 2019 10:00 am
Operator : VOA122:PD
Sample : 11924011-01,31,10,10,,c
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A08.D
Acq On : 14 Jun 2019 10:00 am
Operator : VOA122:PD
Sample : l1924011-01,31,10,10,,c
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS

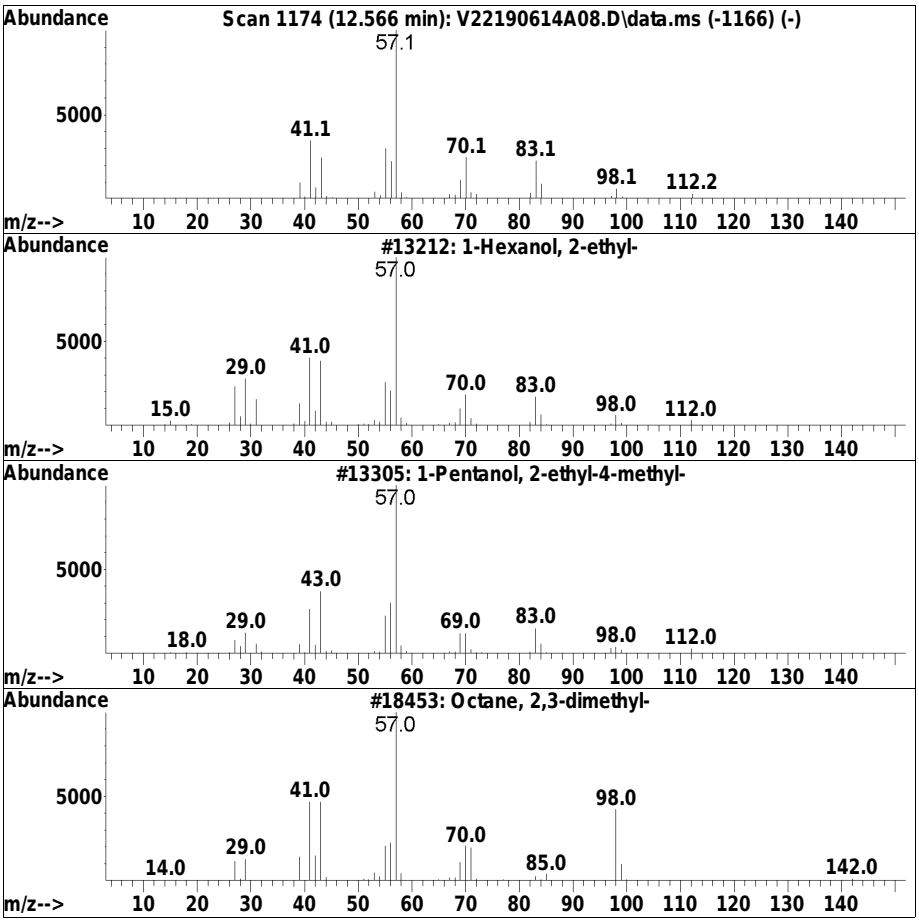
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

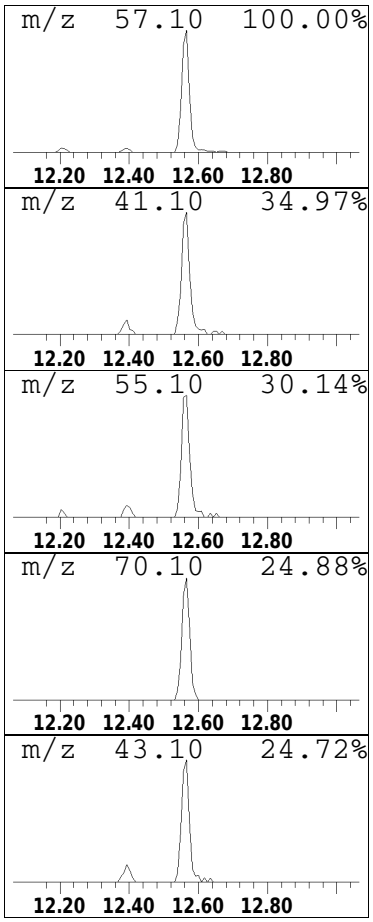
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.566	2.30 ug/L	108125	1,4-Dichlorobenzene-d4	12.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
4	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	45
5	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	42





Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A08.D
Acq On : 14 Jun 2019 10:00 am
Operator : VOA122:PD
Sample : l1924011-01,31,10,10,,c
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS

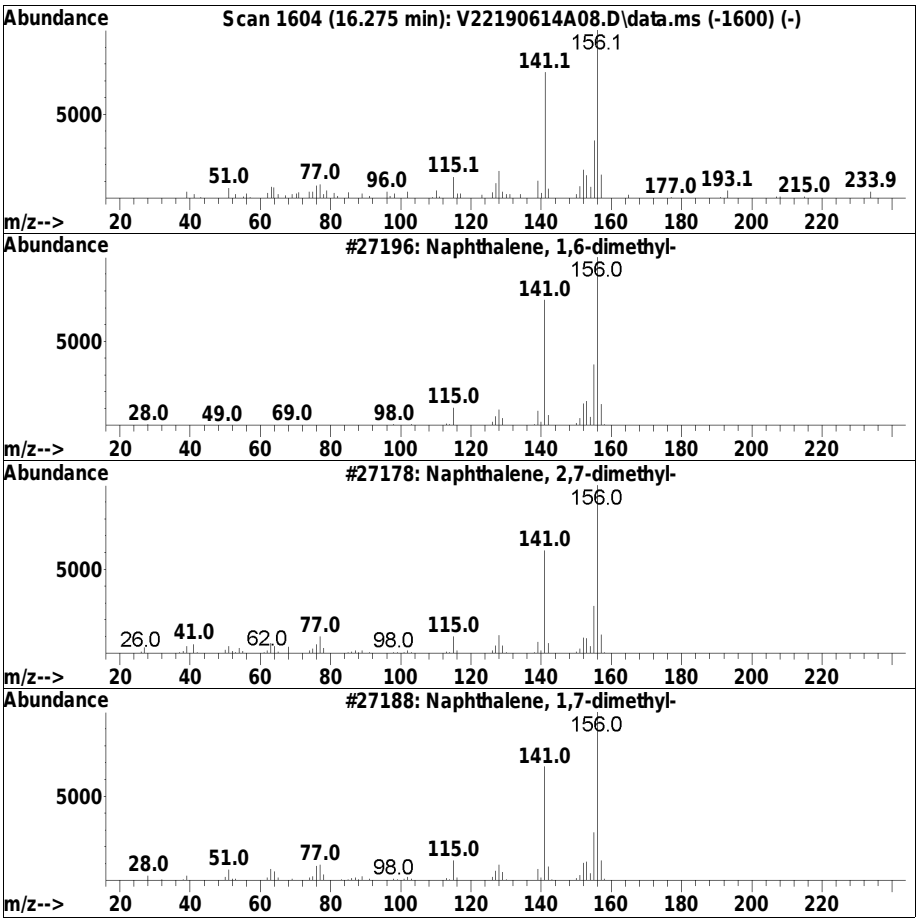
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

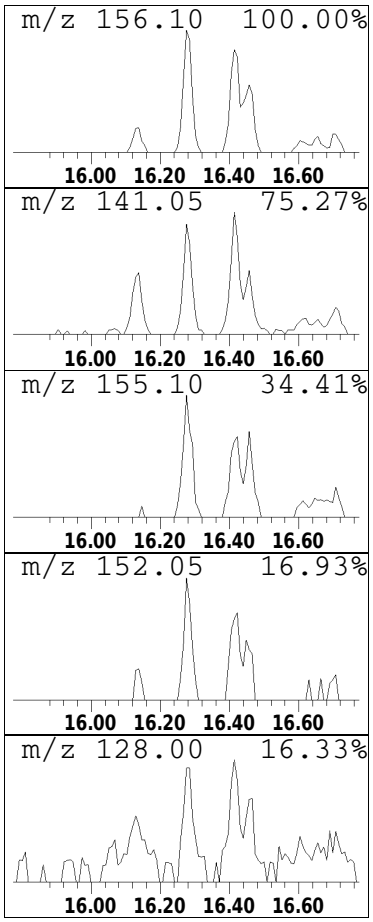
****

Peak Number 2 Unknown Naphthalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	1.27 ug/L	59678	1,4-Dichlorobenzene-d4	12.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93





Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A08.D
Acq On : 14 Jun 2019 10:00 am
Operator : VOA122:PD
Sample : 11924011-01,31,10,10,,c
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS

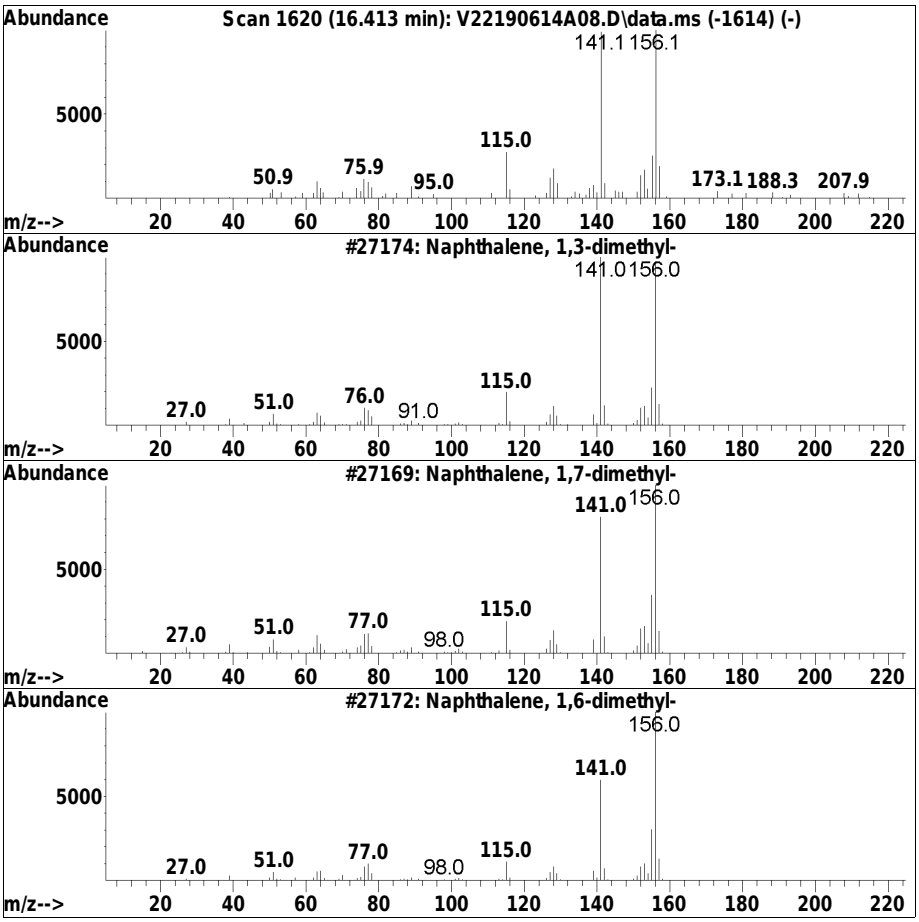
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

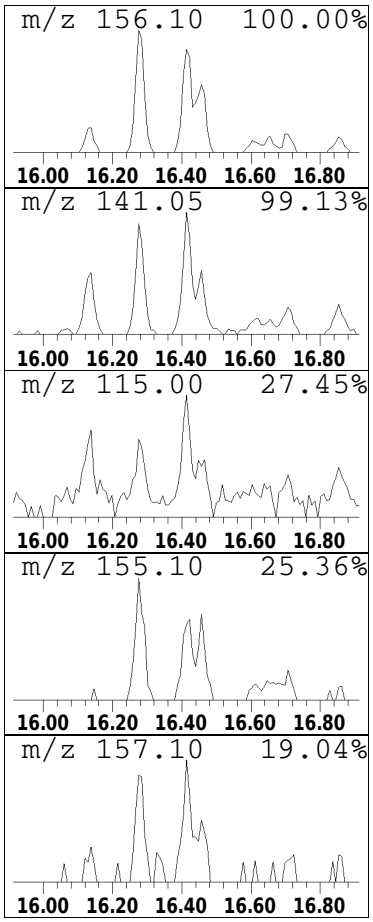
****

Peak Number 3 Unknown Naphthalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.413	1.18 ug/L	55485	1,4-Dichlorobenzene-d4	12.212

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A08.D
Acq On : 14 Jun 2019 10:00 am
Operator : VOA122:PD
Sample : 11924011-01,31,10,10,,c
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-et...	12.566	2.3	ug/L	108125	3	12.212	469258	10.0
Unknown Naphtha...	16.275	1.3	ug/L	59678	3	12.212	469258	10.0
Unknown Naphtha...	16.413	1.2	ug/L	55485	3	12.212	469258	10.0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A09.D
Acq On : 14 Jun 2019 10:28 am
Operator : VOA122:PD
Sample : 11924011-02,31,10,10,,a
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 14 11:33:46 2019
Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jun 12 14:26:44 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2019\190614A\V22190614A01.D
Sub List : 8260-NJTCL - Standard NJ Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.947	96	204828	10.000	ug/L	-0.01
Standard Area 1 = 170715			Recovery = 119.98%			
62) Chlorobenzene-d5	9.485	117	151651	10.000	ug/L	0.00
Standard Area 1 = 128257			Recovery = 118.24%			
83) 1,4-Dichlorobenzene-d4	12.212	152	74768	10.000	ug/L	0.00
Standard Area 1 = 68964			Recovery = 108.42%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.133	113	57198	10.043	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.43%			
46) 1,2-Dichloroethane-d4	5.658	65	76629	8.703	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 87.03%			
63) Toluene-d8	7.639	98	205882	9.970	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.70%			
87) 4-Bromofluorobenzene	10.991	95	77309	9.969	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.69%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D. d		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.917	76	693	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.485	43	4549	6.652	ug/L	93
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
33) Cyclohexane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		
36) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A09.D
Acq On : 14 Jun 2019 10:28 am
Operator : VOA122:PD
Sample : 11924011-02,31,10,10,,a
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 14 11:33:46 2019
Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jun 12 14:26:44 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2019\190614A\V22190614A01.D
Sub List : 8260-NJTCL - Standard NJ Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D.	
44) Benzene	5.531	78	118		N.D.	
47) 1,2-Dichloroethane	5.730	62	101		N.D.	
50) Methyl cyclohexane	0.000		0		N.D.	
51) Trichloroethene	0.000		0		N.D.	
54) 1,2-Dichloropropane	0.000		0		N.D.	
57) Bromodichloromethane	0.000		0		N.D.	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	7.696	92	95		N.D.	
65) 4-Methyl-2-pentanone	0.000		0		N.D.	
66) Tetrachloroethene	0.000		0		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D.	
72) Chlorodibromomethane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D.	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	9.476	91	298		N.D.	
80) p/m Xylene	0.000		0		N.D.	
81) o Xylene	0.000		0		N.D.	
82) Styrene	0.000		0		N.D.	
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	0.000		0		N.D.	
91) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	12.229	146	78		N.D.	
105) 1,4-Dichlorobenzene	12.229	146	78		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

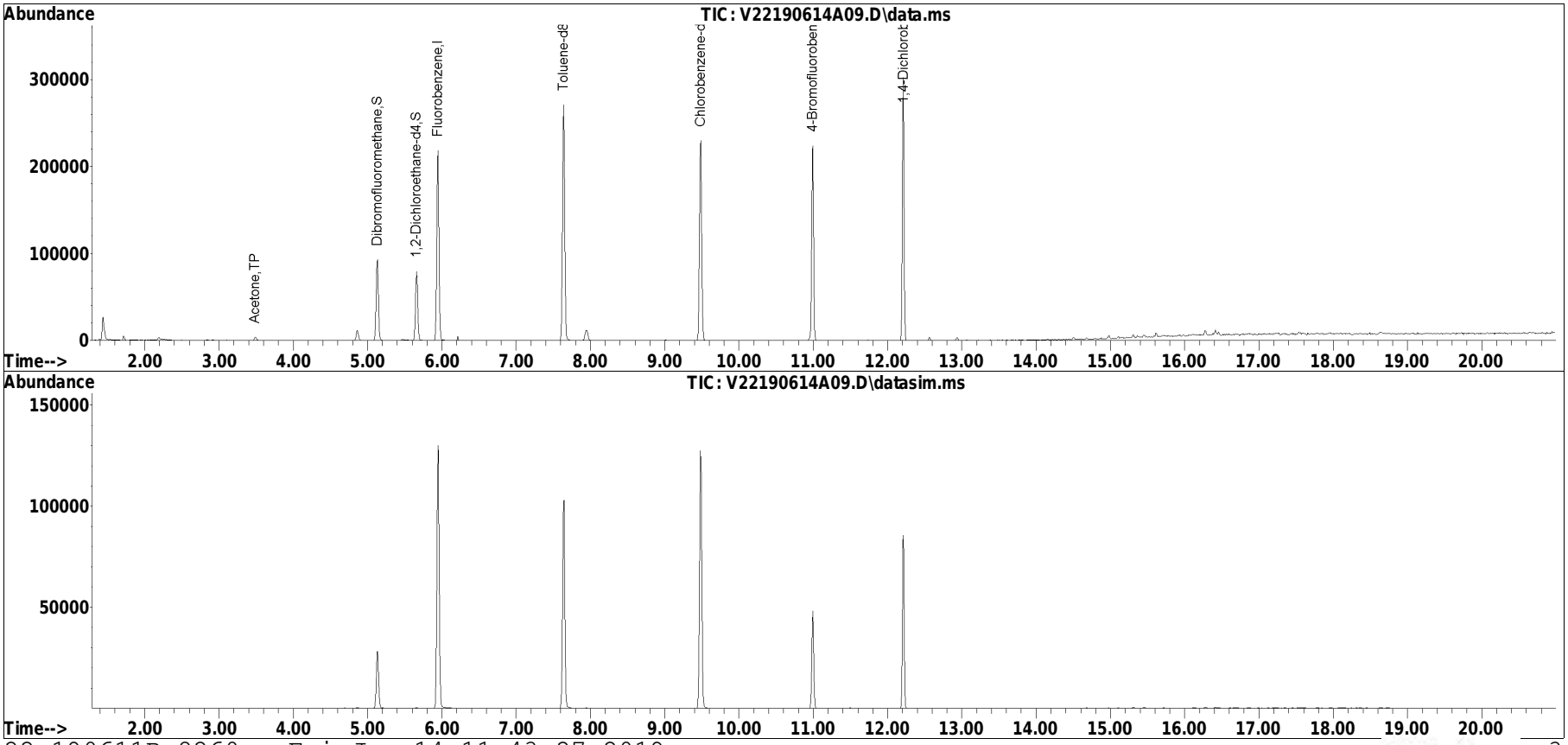
(#) = qualifier out of range (m) = manual integration (+) = signals summed

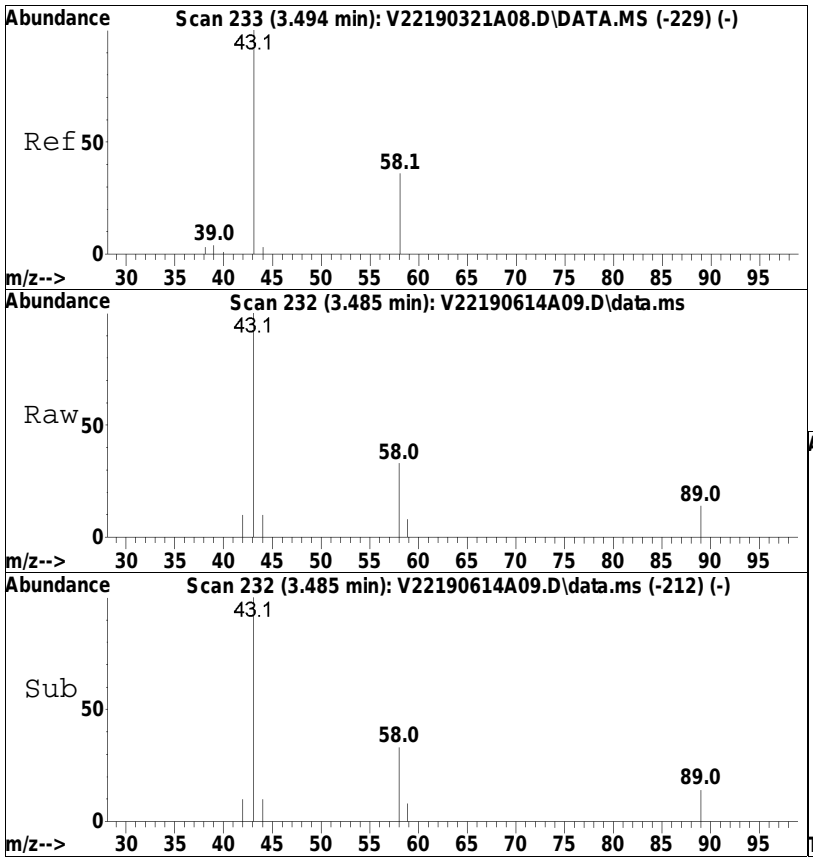
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A09.D
Acq On : 14 Jun 2019 10:28 am
Operator : VOA122:PD
Sample : 11924011-02,31,10,10,,a
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 14 11:33:46 2019
Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jun 12 14:26:44 2019
Response via : Initial Calibration

Sub List : 8260-NJTCL - Standard NJ Sublist614A\V22190614A01.D•

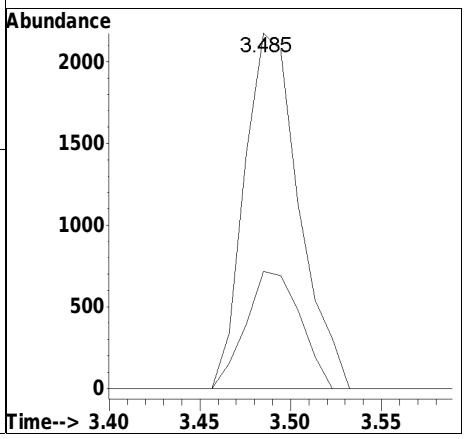




#17
Acetone
Concen: 6.65 ug/L
RT: 3.485 min Scan# 232
Delta R.T. -0.009 min
Lab File: V22190614A09.D
Acq: 14 Jun 2019 10:28 am

Tgt Ion: 43 Resp: 4549

Ion	Ratio	Lower	Upper
43	100		
58	32.8	23.1	34.7



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2019\1	QMethod	: V122_190611B_8260.m
Data File	: V22190614A09.D	Operator	: VOA122:PD
Date Inj'd	: 6/14/2019 10:28 am	Instrument	: VOA122
Sample	: l1924011-02,31,10,10,,a	Quant Date	: 6/14/2019 11:32 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A09.D
Acq On : 14 Jun 2019 10:28 am
Operator : VOA122:PD
Sample : 11924011-02,31,10,10,,a
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22190614A09.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.858	372	377	386	rBB	11369	24437	4.54%	0.894%
2	5.133	400	406	415	rBB	93080	192718	35.76%	7.054%
3	5.658	453	459	468	rVB	79243	181315	33.65%	6.637%
4	5.947	481	487	504	rBB	218461	435802	80.88%	15.951%
5	7.639	645	651	663	rBB	270879	538849	100.00%	19.723%
6	7.942	676	683	691	rBB2	11659	31294	5.81%	1.145%
7	9.485	840	846	856	rBB	229844	468588	86.96%	17.151%
8	10.991	995	1003	1010	rBB	224004	393424	73.01%	14.400%
9	12.212	1127	1133	1141	rBB	302259	465650	86.42%	17.044%

Sum of corrected areas: 2732077

Signal : TIC: V22190614A09.D\datasim.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total

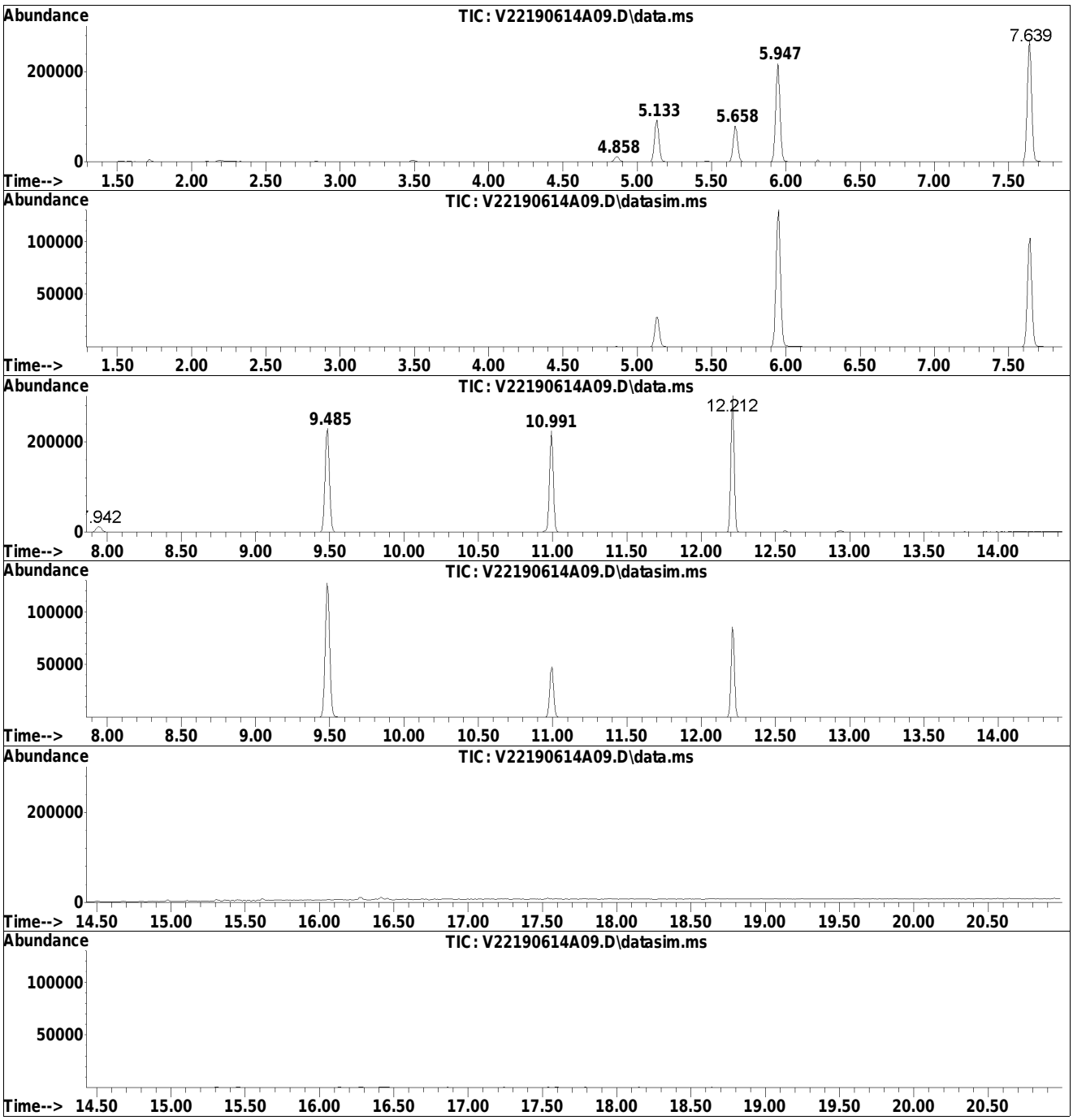
No peaks were detected using the above RTE integration parameters!

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A09.D
Acq On : 14 Jun 2019 10:28 am
Operator : VOA122:PD
Sample : 11924011-02,31,10,10,,a
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A09.D
Acq On : 14 Jun 2019 10:28 am
Operator : VOA122:PD
Sample : l1924011-02,31,10,10,,a
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A09.D
Acq On : 14 Jun 2019 10:28 am
Operator : VOA122:PD
Sample : 11924011-02,31,10,10,,a
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Method Blank
Raw Data

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A04.D
Acq On : 14 Jun 2019 08:08 am
Operator : VOA122:PD
Sample : WG1248639-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22190614A04.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.133	395	406	414	rBB2	81640	172868	38.20%	7.446%
2	5.658	453	459	469	rVB	68343	161406	35.67%	6.952%
3	5.947	481	487	497	rBB	182658	364729	80.60%	15.710%
4	7.639	645	651	663	rBB	231288	452514	100.00%	19.491%
5	7.951	677	684	691	rBB2	13295	35016	7.74%	1.508%
6	9.485	840	846	854	rBB	198888	399589	88.30%	17.211%
7	10.991	995	1003	1010	rBB	195340	338428	74.79%	14.577%
8	12.212	1127	1133	1139	rBB	262852	397147	87.76%	17.106%

Sum of corrected areas: 2321697

Signal : TIC: V22190614A04.D\datasim.ms

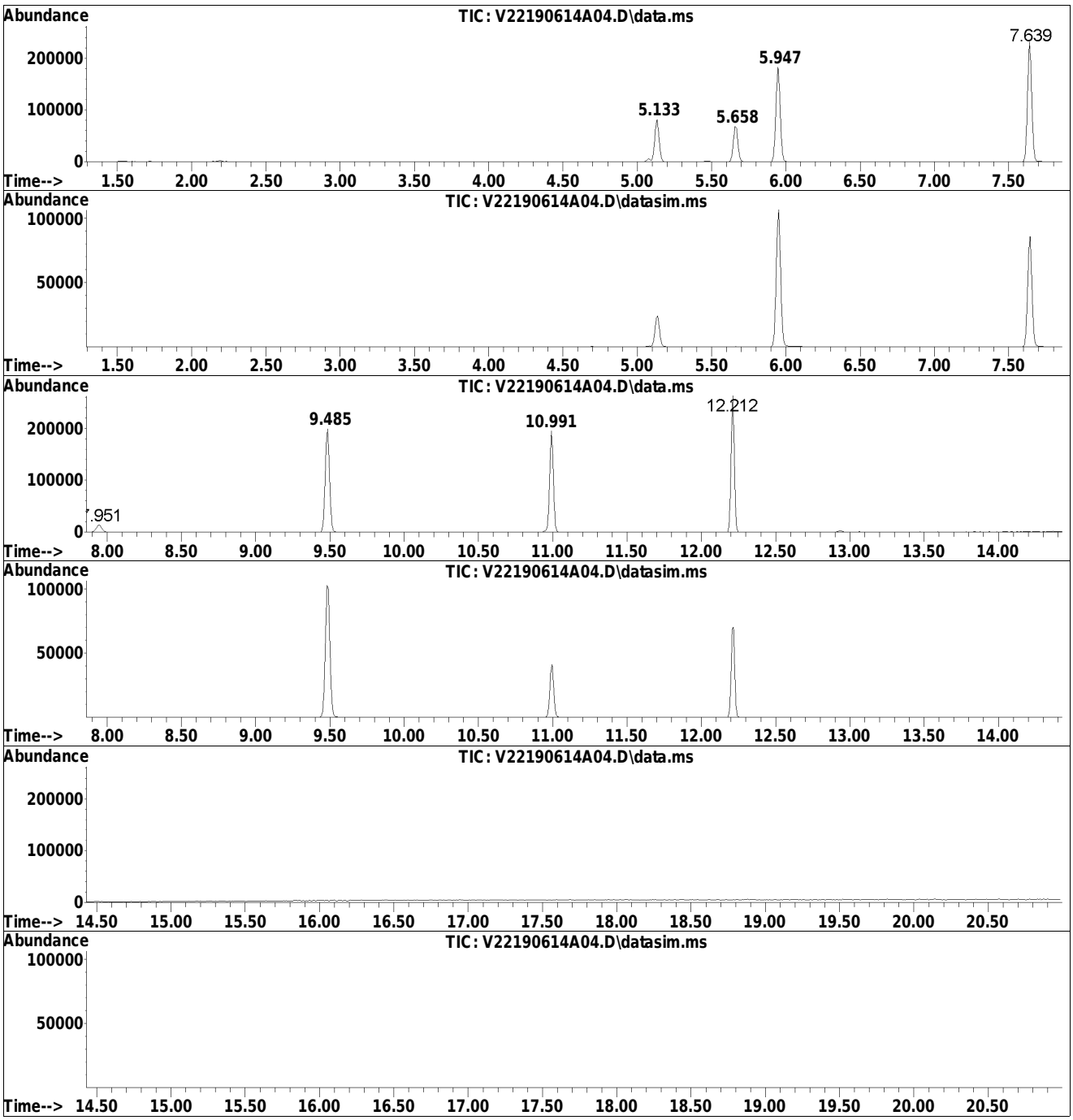
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total

No peaks were detected using the above RTE integration parameters!

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A04.D
Acq On : 14 Jun 2019 08:08 am
Operator : VOA122:PD
Sample : WG1248639-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A04.D
Acq On : 14 Jun 2019 08:08 am
Operator : VOA122:PD
Sample : WG1248639-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A04.D
Acq On : 14 Jun 2019 08:08 am
Operator : VOA122:PD
Sample : WG1248639-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A04.D
Acq On : 14 Jun 2019 08:08 am
Operator : VOA122:PD
Sample : WG1248639-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 08:38:15 2019
Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jun 12 14:26:44 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2019\190614A\V22190614A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.947	96	165740	10.000 ug/L	-0.01
Standard Area 1 = 170715			Recovery = 97.09%		
62) Chlorobenzene-d5	9.485	117	125770	10.000 ug/L	0.00
Standard Area 1 = 128257			Recovery = 98.06%		
83) 1,4-Dichlorobenzene-d4	12.212	152	63286	10.000 ug/L	0.00
Standard Area 1 = 68964			Recovery = 91.77%		
System Monitoring Compounds					
38) Dibromofluoromethane	5.133	113	47793	10.371 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.71%		
46) 1,2-Dichloroethane-d4	5.658	65	71790	10.076 ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.76%		
63) Toluene-d8	7.639	98	169385	9.890 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.90%		
87) 4-Bromofluorobenzene	10.991	95	65430	9.967 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.67%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.917	76	748	N.D.	
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	0.000		0	N.D.	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D.	
21) Methyl tert-butyl ether	0.000		0	N.D.	
25) 1,1-Dichloroethane	0.000		0	N.D.	
30) cis-1,2-Dichloroethene	0.000		0	N.D.	
32) Bromochloromethane	0.000		0	N.D.	
33) Cyclohexane	0.000		0	N.D.	
34) Chloroform	0.000		0	N.D.	
36) Carbon tetrachloride	0.000		0	N.D.	

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A04.D
Acq On : 14 Jun 2019 08:08 am
Operator : VOA122:PD
Sample : WG1248639-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 08:38:15 2019
Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jun 12 14:26:44 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2019\190614A\V22190614A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39)	1,1,1-Trichloroethane	0.000		0	N.D.		
41)	2-Butanone	0.000		0	N.D.		
44)	Benzene	0.000		0	N.D.		
47)	1,2-Dichloroethane	5.740	62	110	N.D.		
50)	Methyl cyclohexane	0.000		0	N.D.		
51)	Trichloroethene	0.000		0	N.D.		
54)	1,2-Dichloropropane	0.000		0	N.D.		
57)	Bromodichloromethane	0.000		0	N.D.		
60)	1,4-Dioxane	0.000		0	N.D.		
61)	cis-1,3-Dichloropropene	0.000		0	N.D.		
64)	Toluene	0.000		0	N.D.		
65)	4-Methyl-2-pentanone	0.000		0	N.D.		
66)	Tetrachloroethene	0.000		0	N.D.		
68)	trans-1,3-Dichloropropene	0.000		0	N.D.		
71)	1,1,2-Trichloroethane	0.000		0	N.D.		
72)	Chlorodibromomethane	0.000		0	N.D.		
74)	1,2-Dibromoethane	0.000		0	N.D.		
76)	2-Hexanone	0.000		0	N.D.		
77)	Chlorobenzene	0.000		0	N.D.		
78)	Ethylbenzene	9.485	91	192	N.D.		
80)	p/m Xylene	0.000		0	N.D.		
81)	o Xylene	0.000		0	N.D.		
82)	Styrene	10.356	104	191	N.D.		
84)	Bromoform	0.000		0	N.D.		
86)	Isopropylbenzene	0.000		0	N.D.		
91)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
104)	1,3-Dichlorobenzene	12.134	146	101	N.D.		
105)	1,4-Dichlorobenzene	12.229	146	329	N.D.		
108)	1,2-Dichlorobenzene	0.000		0	N.D.		
110)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
113)	1,2,4-Trichlorobenzene	14.067	180	112	N.D.		
115)	1,2,3-Trichlorobenzene	14.533	180	98	N.D.		

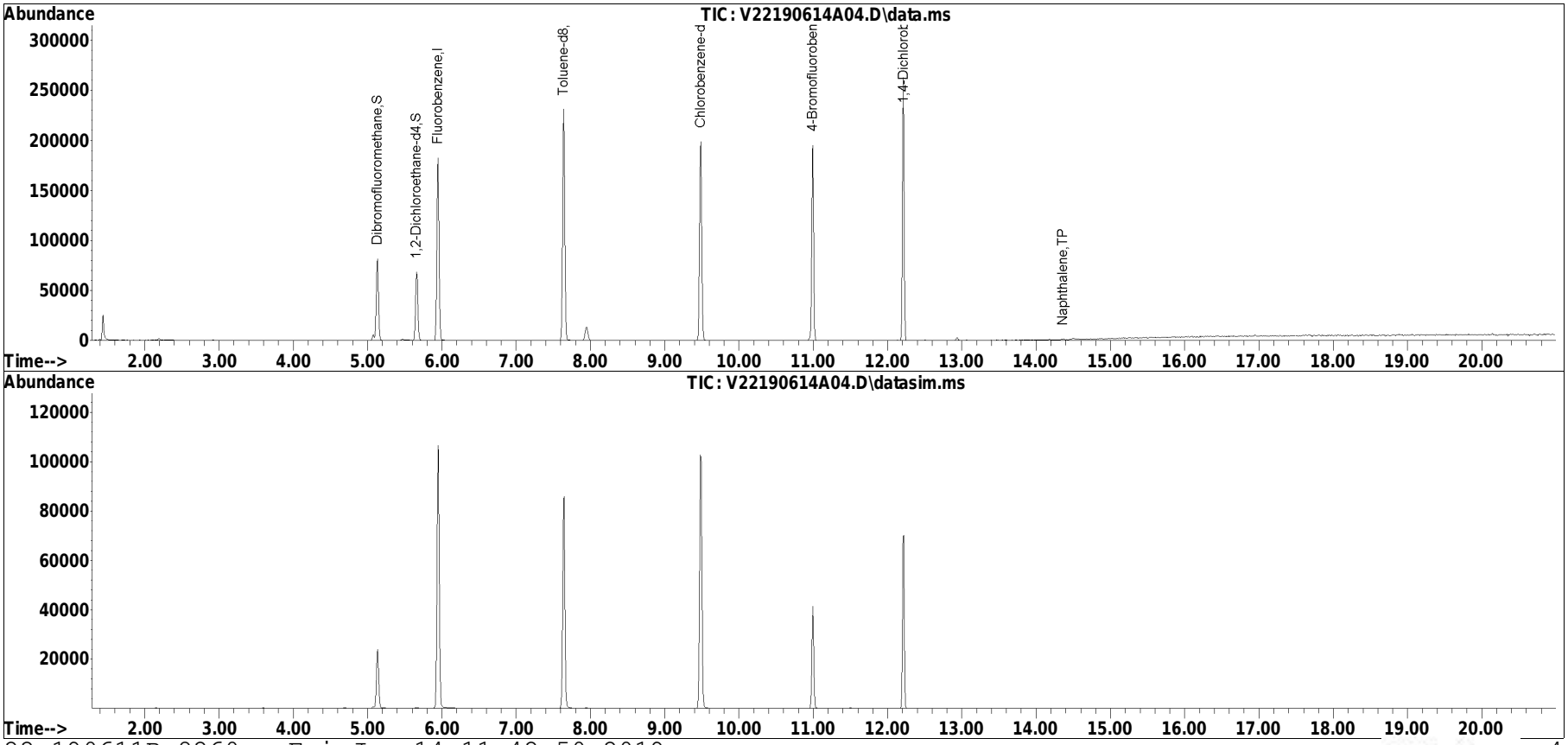
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2019\190614A\
Data File : V22190614A04.D
Acq On : 14 Jun 2019 08:08 am
Operator : VOA122:PD
Sample : WG1248639-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1248639,ICAL15865 (Sig #1); WG,ICAL15865 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 08:38:15 2019
Quant Method : I:\VOLATILES\VOA122\2019\190614A\V122_190611B_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jun 12 14:26:44 2019
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2019\1	QMethod	: V122_190611B_8260.m
Data File	: V22190614A04.D	Operator	: VOA122:PD
Date Inj'd	: 6/14/2019 8:08 am	Instrument	: VOA122
Sample	: WG1248639-5,31,10,10	Quant Date	: 6/14/2019 8:38 am

There are no manual integrations or false positives in this file.

GC/MS Extractable Analysis
Method 8270

Sample Results Summary

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	Project Number	: 0064-3
Lab ID	: L1924011-01	Date Collected	: 06/05/19 10:58
Client ID	: TMW-7	Date Received	: 06/06/19
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 06/12/19 06:14
Sample Matrix	: WATER	Date Extracted	: 06/11/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 24011-01	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	0.53	2.0	0.46	J
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.7	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	0.54	5.0	0.38	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	Project Number	: 0064-3
Lab ID	: L1924011-01	Date Collected	: 06/05/19 10:58
Client ID	: TMW-7	Date Received	: 06/06/19
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 06/12/19 06:14
Sample Matrix	: WATER	Date Extracted	: 06/11/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 24011-01	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab ID	: L1924011-01	**Date Collected**	: 06/05/19 10:58
Client ID	: TMW-7	**Date Received**	: 06/06/19
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 06/12/19 06:14
Sample Matrix	: WATER	**Date Extracted**	: 06/11/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 24011-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab ID	: L1924011-01	**Date Collected**	: 06/05/19 10:58
Client ID	: TMW-7	**Date Received**	: 06/06/19
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 06/12/19 06:14
Sample Matrix	: WATER	**Date Extracted**	: 06/11/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 24011-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	4.01	73.8	J
	Unknown	6.73	33.7	J
	Unknown Organic Acid	10.03	15.4	J
	Unknown Organic Acid	11.37	7.13	J
	Unknown	12.30	2.91	J
010544-50-0	Cyclic octaatomic sulfur	12.36	8.4	NJ
	Unknown	13.31	3.16	J
	Unknown	14.25	5.24	J
	Unknown	14.61	2.11	J
	Unknown	15.16	7.89	J
	Unknown	15.36	3.53	J
	Unknown	16.02	12.2	J
	Unknown	16.22	2.84	J
	Unknown	17.05	15.7	J
	Unknown	18.52	13	J
	Total TIC Compounds		207J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	Project Number	: 0064-3
Lab ID	: WG1246635-1	Date Collected	: NA
Client ID	: WG1246635-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 06/11/19 09:56
Sample Matrix	: WATER	Date Extracted	: 06/10/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 246635-1	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV115
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	Project Number	: 0064-3
Lab ID	: WG1246635-1	Date Collected	: NA
Client ID	: WG1246635-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 06/11/19 09:56
Sample Matrix	: WATER	Date Extracted	: 06/10/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 246635-1	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV115
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab ID	: WG1246635-1	**Date Collected**	: NA
Client ID	: WG1246635-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 06/11/19 09:56
Sample Matrix	: WATER	**Date Extracted**	: 06/10/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 246635-1	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV115
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 9 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	3.68	62.9	J
	Unknown	9.28	1.96	J
	Unknown Organic Acid	9.92	2.04	J
	Unknown	13.61	1.74	J
	Unknown	13.91	1.85	J
	Unknown	14.60	1.45	J
	Unknown	14.83	2.22	J
	Unknown	15.68	3.09	J
	Total TIC Compounds		77.3J	J

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV107	**Analysis Date**	: 05/31/19 15:54
Tune Standard	: R1192970-34	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	38.6
68	Less than 2.0% of mass 69	0.7 (1.7)1
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	55.7
197	Less than 2.0% of mass 198	0.2
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	21.4
365	Greater than 1.0% of mass 198	2.9
441	Present, but less than 24% of mass 442	16.1
442	Base Peak, or >50% of mass 198	89.9
443	15.0 - 24.0% of mass 442	17.9 (19.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1192970-2	ABNL10	05/31/19 16:21
ABNL9	R1192970-10	ABNL9	05/31/19 16:49
ABNL8	R1192970-9	ABNL8	05/31/19 17:17
ABNL7	R1192970-8	ABNL7	05/31/19 17:45
ABNL6	R1192970-7	ABNL6	05/31/19 18:13
ABNL5	R1192970-6	ABNL5	05/31/19 18:41
ABNL4	R1192970-5	ABNL4	05/31/19 19:09
ABNL3	R1192970-4	ABNL3	05/31/19 19:37
ABNL2	R1192970-3	ABNL2	05/31/19 20:05
ABNL1	R1192970-1	ABNL1	05/31/19 20:33
ADPL10	R1192970-13	ADPL10	05/31/19 21:01
ADPL9	R1192970-19	ADPL9	05/31/19 21:29
ADPL8	R1192970-20	ADPL8	05/31/19 21:57
ADPL7	R1192970-18	ADPL7	05/31/19 22:25
ADPL6	R1192970-17	ADPL6	05/31/19 22:53
ADPL5	R1192970-16	ADPL5	05/31/19 23:21
ADPL4	R1192970-15	ADPL4	05/31/19 23:49
ADPL3	R1192970-14	ADPL3	06/01/19 00:17
ADPL2	R1192970-12	ADPL2	06/01/19 00:45
ADPL1	R1192970-11	ADPL1	06/01/19 01:13
ADP ICV Quant Report	R1192970-32	ADPICV	06/01/19 02:09

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV107	**Analysis Date**	: 06/01/19 15:55
Tune Standard	: R1192970-35	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	37.4
68	Less than 2.0% of mass 69	0.7 (1.7)1
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	53.8
197	Less than 2.0% of mass 198	0.1
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	22.5
365	Greater than 1.0% of mass 198	2.9
441	Present, but less than 24% of mass 442	15.8
442	Base Peak, or >50% of mass 198	89.8
443	15.0 - 24.0% of mass 442	17 (18.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
Ap9L10a	R1192970-21	AP9L10A	06/01/19 16:23
Ap9L9a	R1192970-30	AP9L9A	06/01/19 16:50
Ap9L8a	R1192970-29	AP9L8A	06/01/19 17:18
Ap9L7a	R1192970-28	AP9L7A	06/01/19 17:46
Ap9L6a	R1192970-27	AP9L6A	06/01/19 18:14
Ap9L5a	R1192970-26	AP9L5A	06/01/19 18:42
Ap9L4a	R1192970-25	AP9L4A	06/01/19 19:10
Ap9L3a	R1192970-24	AP9L3A	06/01/19 19:37
Ap9L2a	R1192970-23	AP9L2A	06/01/19 20:06
Ap9L1a	R1192970-22	AP9L1A	06/01/19 20:33
AP9 ICV Quant Report	R1192970-33	AP9ICVA	06/01/19 21:01

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV107	**Analysis Date**	: 06/02/19 12:29
Tune Standard	: R1192970-36	**Tune File ID**	: Tune3a_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	38
68	Less than 2.0% of mass 69	0.7 (1.8)1
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	54.2
197	Less than 2.0% of mass 198	0.1
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 60.0% of Base Peak	20.6
365	Greater than 1.0% of mass 198	2.9
441	Present, but less than 24% of mass 442	17.5
442	Base Peak, or >50% of mass 198	85.6
443	15.0 - 24.0% of mass 442	18.2 (21.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABN ICV Quant Report	R1192970-31	ABNICVA	06/02/19 12:56

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV107	**Analysis Date**	: 06/12/19 03:55
Tune Standard	: WG1247258-1	**Tune File ID**	: Deg0612_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	29.7
68	Less than 2.0% of mass 69	0.5 (1.6)1
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	55.1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	21.3
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	16.9
442	Base Peak, or >50% of mass 198	83.4
443	15.0 - 24.0% of mass 442	16.1 (19.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1247258-3CCAL	WG1247258-3	ABN0612B	06/12/19 04:51
WG1247258-4CCAL	WG1247258-4	AP90612	06/12/19 05:18
WG1247258-5CCAL	WG1247258-5	ADP0612	06/12/19 05:46
TMW-7	L1924011-01	24011-01	06/12/19 06:14

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV115	**Analysis Date**	: 06/04/19 20:52
Tune Standard	: R1194335-34	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	37.8
68	Less than 2.0% of mass 69	0.7 (1.7)1
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	47.2
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	25.4
365	Greater than 1.0% of mass 198	3
441	Present, but less than 24% of mass 442	82.1
442	Base Peak, or >50% of mass 198	83.6
443	15.0 - 24.0% of mass 442	16.1 (19.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1194335-2	ABNL10	06/04/19 21:18
ABNL9	R1194335-10	ABNL9	06/04/19 21:45
ABNL8	R1194335-9	ABNL8	06/04/19 22:10
ABNL7	R1194335-8	ABNL7	06/04/19 22:35
ABNL6	R1194335-7	ABNL6	06/04/19 23:01
ABNL5	R1194335-6	ABNL5	06/04/19 23:26
ABNL4	R1194335-5	ABNL4	06/04/19 23:51
ABNL3	R1194335-4	ABNL3	06/05/19 00:16
ABNL2	R1194335-3	ABNL2	06/05/19 00:42
ABNL1	R1194335-1	ABNL1	06/05/19 01:07
ADPL10	R1194335-12	ADPL10	06/05/19 01:32
ADPL9	R1194335-20	ADPL9	06/05/19 01:57
ADPL8	R1194335-19	ADPL8	06/05/19 02:23
ADPL7	R1194335-18	ADPL7	06/05/19 03:10
ADPL6	R1194335-17	ADPL6	06/05/19 03:35
ADPL5	R1194335-16	ADPL5	06/05/19 04:00
ADPL4	R1194335-15	ADPL4	06/05/19 04:25
ADPL3	R1194335-14	ADPL3	06/05/19 04:51
ADPL2	R1194335-13	ADPL2	06/05/19 05:16
ADPL1	R1194335-11	ADPL1	06/05/19 05:41
ABN Quant report	R1194335-31	ABNICV	06/05/19 06:06
ADP Quant report	R1194335-32	ADPICV	06/05/19 06:32

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV115	**Analysis Date**	: 06/05/19 06:57
Tune Standard	: R1194335-35	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	37.6
68	Less than 2.0% of mass 69	0.6 (1.4)1
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	45.8
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	25.8
365	Greater than 1.0% of mass 198	3.2
441	Present, but less than 24% of mass 442	15.6
442	Base Peak, or >50% of mass 198	90.1
443	15.0 - 24.0% of mass 442	17.1 (19)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
AP9L10	R1194335-22	AP9L10	06/05/19 07:22
AP9L9	R1194335-30	AP9L9	06/05/19 07:48
AP9L8	R1194335-29	AP9L8	06/05/19 08:13
AP9L7	R1194335-28	AP9L7	06/05/19 08:38
AP9L6	R1194335-27	AP9L6	06/05/19 09:03
AP9L5	R1194335-26	AP9L5	06/05/19 09:29
AP9L4	R1194335-25	AP9L4	06/05/19 09:54
AP9L3	R1194335-24	AP9L3	06/05/19 10:36
AP9L2	R1194335-23	AP9L2	06/05/19 11:01
AP9L1	R1194335-21	AP9L1	06/05/19 11:27
AP9 ICV quant report	R1194335-33	AP9ICV	06/05/19 11:54

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV115	**Analysis Date**	: 06/11/19 07:54
Tune Standard	: WG1246851-1	**Tune File ID**	: Deg0611_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	39.8
68	Less than 2.0% of mass 69	0.7 (1.6)1
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	48.1
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	25.9
365	Greater than 1.0% of mass 198	3.2
441	Present, but less than 24% of mass 442	15.5
442	Base Peak, or >50% of mass 198	86.1
443	15.0 - 24.0% of mass 442	16.8 (19.6)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1246851-3CCAL	WG1246851-3	ABN0611	06/11/19 08:28
WG1246851-4CCAL	WG1246851-4	AP90611	06/11/19 08:54
WG1246851-5CCAL	WG1246851-5	ADP0611	06/11/19 09:19
WG1246635-1BLANK	WG1246635-1	246635-1	06/11/19 09:56
WG1246635-2LCS	WG1246635-2	246635-2	06/11/19 10:21
WG1246635-3LCSD	WG1246635-3	246635-3	06/11/19 10:47

Blank Results Summary

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab Sample ID	: WG1246635-1	**Lab File ID**	: 246635-1
Instrument ID	: SV115	**Extraction Date**	: 06/10/19
Matrix	: WATER	**Analysis Date**	: 06/11/19 09:56
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1246635-2LCS	WG1246635-2	06/11/19 10:21
WG1246635-3LCSD	WG1246635-3	06/11/19 10:47
TMW-7	L1924011-01	06/12/19 06:14

Standards Data Summary

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL15841**
Calibration dates	**: 05/31/19 16:21 06/01/19 20:33**		

Calibration Files
L1 =Ap9L1a.D L2 =Ap9L2a.D L3 =Ap9L3a.D L4 =Ap9L4a.D L5 =Ap9L5a.D L6 =Ap9L6a.D L7 =Ap9L7a.D
L8 =Ap9L8a.D L9 =Ap9L9a.D L10 =Ap9L10a.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	n-Nitrosodimet	0.467	0.482	0.525	0.496	0.543	0.487	0.544	0.507	0.496	0.455	0.500	6.00
3)	t	Pyridine	0.864	0.938	0.961	0.919	1.010	0.882	0.979	0.901	0.890	0.809	0.915	6.46
4)	S	2-Fluorophenol	0.523	0.622	0.695	0.703	0.769	0.711	0.809	0.778	0.756	0.706	0.707	11.83
5)	T	Aniline	1.017	1.158	1.239	1.233	1.359	1.210	1.324	1.241	1.175	1.059	1.202	8.81
6)	t	2-Chlorophenol	0.601	0.639	0.744	0.787	0.861	0.769	0.875	0.823	0.799	0.727	0.762	11.65
7)	S	Phenol-d6	0.729	0.807	0.890	0.886	0.976	0.887	0.967	0.929	0.895	0.794	0.876	8.93
8)	T	Phenol	0.833	0.949	1.027	1.029	1.107	0.967	1.077	1.022	0.956	0.851	0.982	9.11
9)	T	Bis(2-chloroet	0.864	0.867	0.869	0.839	0.893	0.798	0.865	0.816	0.759	0.697	0.827	7.35
10)	T	1,3-Dichlorobe		1.052	1.044	0.984	1.053	0.930	0.996	0.950	0.892	0.810	0.968	8.46
11)	T	1,4-Dichlorobe		1.053	1.045	1.002	1.080	0.944	1.016	0.955	0.898	0.823	0.979	8.45
12)	T	1,2-Dichlorobe		1.000	0.987	0.951	1.032	0.896	0.961	0.895	0.829	0.738	0.921	10.05
13)	t	Benzyl alcohol	0.469	0.501	0.540	0.563	0.629	0.588	0.680	0.651	0.633	0.558	0.581	11.66
14)	T	Bis(2-chlorois	1.189	1.199	1.183	1.214	1.313	1.141	1.215	1.149	1.024	0.897	1.152	10.00
15)	T	2-Methylphenol	0.556	0.601	0.673	0.724	0.834	0.733	0.792	0.773	0.721	0.643	0.705	12.34
16)	T	Hexachloroethane	0.338	0.317	0.336	0.335	0.366	0.331	0.363	0.357	0.336	0.316	0.340	5.09
17)	T	n-Nitrosodi-n-	0.407	0.406	0.447	0.478	0.556	0.513	0.588	0.573	0.545	0.502	0.501	13.15
18)	T	3-Methylphenol	0.594	0.642	0.731	0.771	0.860	0.785	0.864	0.828	0.778	0.701	0.755	11.86
19)	S	Nitrobenzene-d5	0.553	0.613	0.670	0.726	0.836	0.766	0.861	0.844	0.829	0.742	0.744	14.11
20)	T	Nitrobenzene	0.621	0.654	0.746	0.807	0.920	0.835	0.923	0.897	0.861	0.766	0.803	13.22
21)	T	Isophorone	0.989	1.023	1.151	1.297	1.573	1.453	1.635	1.578	1.504	1.362	1.356	17.32
22)	T	2-Nitrophenol				0.240	0.303	0.300	0.370	0.380	0.394	0.356	0.335	16.52
23)	T	2,4-Dimethylph	0.566	0.611	0.702	0.782	0.891	0.805	0.900	0.866	0.820	0.726	0.767	14.92
24)	T	Bis(2-chloroet		0.918	0.944	0.995	1.113	0.993	1.087	1.030	0.951	0.864	0.988	8.06
25)	T	2,4-Dichloroph		0.393	0.522	0.595	0.702	0.651	0.729	0.710	0.670	0.592	0.618	17.41
26)	T	1,2,4-Trichlor		0.805	0.769	0.761	0.832	0.729	0.789	0.728	0.682	0.621	0.746	8.70
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.616	0.597	0.643	0.657	0.656	0.671	0.718	0.711	0.731	0.693	0.669	6.61
29)	T	Acetophenone	1.054	1.070	1.119	1.168	1.186	1.219	1.301	1.282	1.315	1.272	1.199	7.95
30)	T	m-Toluidine		0.666	0.891	1.010	1.045	1.120	1.228	1.220	1.248	1.183	1.068	17.94
31)	T	2-Chloroaniline	0.843	0.884	1.021	1.054	1.072	1.088	1.164	1.141	1.160	1.105	1.053	10.47
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	n-Decane	1.258	1.024	1.103	1.110	1.117	1.102	1.105	1.091	1.090	0.955	1.096	6.96
34)	I	IS1_Naphthalene-d8	----------ISTD----------											
35)	T	Naphthalene		1.078	1.067	1.067	1.125	1.023	1.062	1.021	1.005	0.921	1.041	5.55
36)	T	Benzoic Acid					0.073	0.103	0.143	0.163	0.217	0.208	*L	0.99

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL15841**
Calibration dates	**: 05/31/19 16:21 06/01/19 20:33**		

Calibration Files
L1 =Ap9L1a.D L2 =Ap9L2a.D L3 =Ap9L3a.D L4 =Ap9L4a.D L5 =Ap9L5a.D L6 =Ap9L6a.D L7 =Ap9L7a.D
L8 =Ap9L8a.D L9 =Ap9L9a.D L10 =Ap9L10a.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	
62)														
37)	T	4-Chloroaniline	0.097	0.108	0.123	0.126	0.140	0.132	0.138	0.133	0.133	0.123	0.125	10.70
38)	T	Hexachlorobuta	0.169	0.158	0.159	0.161	0.169	0.159	0.163	0.161	0.161	0.155	0.161	2.82
39)	T	p-Chloro-m-cresol		0.168	0.202	0.238	0.273	0.276	0.295	0.298	0.306	0.287	0.260	18.35
40)	T	2-Methylnaphth		0.654	0.676	0.683	0.735	0.695	0.714	0.692	0.679	0.632	0.684	4.44
41)	T	1-Methylnaphth		0.244	0.251	0.246	0.267	0.244	0.251	0.245	0.240	0.228	0.246	4.20
42)	T	Hexachlorocycl	0.123	0.133	0.135	0.146	0.175	0.167	0.185	0.188	0.207	0.200	0.166	18.10
43)	T	2,4,6-Trichlor			0.106	0.143	0.172	0.171	0.196	0.195	0.200	0.191	0.172	18.99
44)	T	2,4,5-Trichlor			0.134	0.176	0.203	0.193	0.212	0.207	0.215	0.205	0.193	14.01
45)	S	2-Fluorobiphenyl	0.730	0.729	0.735	0.773	0.829	0.743	0.779	0.741	0.737	0.675	0.747	5.37
46)	T	2-Chloronaphth	0.615	0.619	0.618	0.640	0.685	0.625	0.655	0.634	0.624	0.588	0.630	4.10
47)	T	2-Nitroaniline			0.085	0.113	0.144	0.149	0.182	0.187	0.202	0.187	*L	0.99
77)														
48)	T	1,4-Dinitroben				0.048	0.063	0.068	0.081	0.084	0.091	0.088	*Q	0.99
93)														
49)	T	1,3-Dinitroben				0.064	0.085	0.087	0.098	0.099	0.100	0.093	0.089	14.07
50)	T	Dimethyl phtha	0.579	0.596	0.561	0.665	0.743	0.698	0.721	0.694	0.677	0.638	0.657	9.38
51)	T	Acenaphthylene	0.657	0.720	0.829	0.935	1.067	1.016	1.074	1.038	0.993	0.916	0.924	15.79
52)	T	2,6-Dinitrotol			0.072	0.111	0.139	0.135	0.152	0.146	0.151	0.143	*L	0.99
85)														
53)	T	1,2-Dinitroben			0.037	0.049	0.058	0.059	0.064	0.063	0.062	0.058	0.056	16.07
54)	I	IS2_Naphthalene-d8	----------ISTD----------											
55)	T	a-Terpineol	0.146	0.151	0.173	0.181	0.189	0.203	0.236	0.238	0.242	0.234	0.199	18.34
56)	T	3-Chloroaniline	0.111	0.123	0.136	0.146	0.142	0.143	0.161	0.157	0.153	0.144	0.141	10.66
57)	T	2,6-Dichlorophenol			0.166	0.189	0.207	0.229	0.261	0.268	0.274	0.262	0.232	17.55
58)	T	1-chloro-2-nitrobenzene			0.089	0.094	0.099	0.112	0.132	0.135	0.145	0.139	0.118	18.86
59)	T	Caprolactam			0.062	0.068	0.082	0.100	0.137	0.143	0.144	0.135	*L	0.99
54)														
60)	T	1,2,4,5-Tetrachloroben...	0.292	0.310	0.310	0.296	0.294	0.288	0.298	0.299	0.287	0.275	0.295	3.54
61)	T	Biphenyl	0.782	0.833	0.857	0.814	0.816	0.794	0.849	0.835	0.802	0.747	0.813	4.08
62)	I	IS1_Acenaphthene-d10	----------ISTD----------											
63)	T	3-Nitroaniline			0.210	0.274	0.329	0.317	0.334	0.329	0.347	0.332	0.309	14.74
64)	T	Acenaphthene		1.191	1.245	1.179	1.272	1.167	1.188	1.158	1.147	1.071	1.180	4.88
65)	T	2,4-Dinitrophenol				0.045	0.073	0.082	0.117	0.131	0.169	0.174	*L	0.99
16)														
66)	T	Dibenzofuran		1.898	1.886	1.817	1.957	1.763	1.749	1.701	1.657	1.516	1.772	7.72

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL15841**
Calibration dates	**: 05/31/19 16:21 06/01/19 20:33**		

Calibration Files
L1 =Ap9L1a.D L2 =Ap9L2a.D L3 =Ap9L3a.D L4 =Ap9L4a.D L5 =Ap9L5a.D L6 =Ap9L6a.D L7 =Ap9L7a.D
L8 =Ap9L8a.D L9 =Ap9L9a.D L10 =Ap9L10a.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	
67)	T	2,4-Dinitrotol			0.195	0.280	0.362	0.349	0.364	0.376	0.390	0.368	0.336	19.62
68)	T	4-Nitrophenol				0.170	0.225	0.229	0.264	0.272	0.297	0.285	0.249	17.61
69)	T	2,3,5,6-Tetrac			0.154	0.214	0.276	0.273	0.298	0.302	0.322	0.307	*L	0.99
92)														
70)	T	2,3,4,6-Tetrachlorophenol			0.203	0.246	0.305	0.292	0.314	0.315	0.330	0.313	0.290	14.87
71)	T	Diethyl phthalate	0.947	0.943	1.013	1.245	1.381	1.301	1.332	1.352	1.382	1.369	1.226	15.02
72)	T	Fluorene	1.228	1.220	1.265	1.349	1.470	1.334	1.338	1.321	1.313	1.216	1.305	5.94
73)	T	4-Chlorophenyl		0.654	0.637	0.633	0.673	0.621	0.620	0.608	0.594	0.563	0.623	5.21
74)	T	4-Nitroaniline			0.195	0.260	0.310	0.276	0.322	0.339	0.359	0.349	0.301	18.24
75)	T	4,6-Dinitro-o-				0.073	0.103	0.117	0.151	0.171	0.207	0.208	*L	0.99
49)														
76)	T	NDPA/DPA	0.873	0.963	1.030	1.170	1.279	1.184	1.190	1.168	1.158	1.119	1.113	10.94
77)	T	Azobenzene		0.851	1.024	1.296	1.480	1.378	1.407	1.374	1.395	1.359	1.285	16.12
78)	S	2,4,6-Tribromo		0.047	0.072	0.098	0.124	0.121	0.137	0.144	0.162	0.163	*Q	0.99
88)														
79)	T	4-Bromophenyl	0.300	0.269	0.275	0.299	0.335	0.313	0.319	0.320	0.326	0.314	0.307	6.97
80)	T	Hexachlorobenzene	0.338	0.326	0.308	0.324	0.348	0.321	0.325	0.327	0.358	0.336	0.331	4.33
81)	T	Pentachlorophenol				0.099	0.133	0.147	0.176	0.199	0.229	0.217	*L	0.99
68)														
82)	I	IS2_Acenaphthene-d10	----------ISTD----------											
83)	T	Dichloran			0.044	0.046	0.055	0.069	0.109	0.127	0.156		*Q	0.99
50)														
84)	T	Pentachloronitrobenzene			0.060	0.072	0.081	0.103	0.129	0.141	0.153	0.149	*Q	0.99
72)														
85)	I	IS3_Acenaphthene-d10	----------ISTD----------											
86)	T	Atrazine		0.089	0.130	0.117	0.175	0.213	0.276	0.295	0.351		*Q	0.99
55)														
87)	I	IS1_Phenanthrene-d10	----------ISTD----------											
88)	T	Phenanthrene		1.262	1.251	1.223	1.275	1.170	1.200	1.160	1.160	1.069	1.197	5.43
89)	T	Anthracene	0.924	0.946	1.047	1.136	1.220	1.144	1.240	1.169	1.207	1.115	1.115	9.86
90)	T	Carbazole	0.700	0.773	0.968	1.082	1.171	1.100	1.205	1.138	1.140	1.056	1.033	16.47
91)	T	Di-n-butylphth			0.527	0.855	1.091	1.128	1.403	1.382	1.390	1.362	*L	0.99
89)														
92)	T	Fluoranthene	0.881	0.899	1.007	1.216	1.320	1.261	1.389	1.339	1.331	1.223	1.187	15.85
93)	T	Benzidine					0.581	0.649	0.849	0.862	0.928	0.893	0.794	17.97
94)	T	Pyrene	0.949	0.980	1.141	1.326	1.451	1.349	1.483	1.413	1.376	1.301	1.277	14.84

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL15841**
Calibration dates	**: 05/31/19 16:21 06/01/19 20:33**		

Calibration Files
L1 =Ap9L1a.D L2 =Ap9L2a.D L3 =Ap9L3a.D L4 =Ap9L4a.D L5 =Ap9L5a.D L6 =Ap9L6a.D L7 =Ap9L7a.D
L8 =Ap9L8a.D L9 =Ap9L9a.D L10 =Ap9L10a.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	
95)	S	4-Terphenyl-d14	0.595	0.574	0.640	0.754	0.854	0.736	0.868	0.812	0.821	0.795	0.745	14.35
96)	T	Butyl benzyl p			0.136	0.230	0.308	0.353	0.530	0.554	0.618	0.605	*Q	0.99
65)														
97)	I	IS2_Phenanthrene-d10	----------ISTD----------											
98)	T	Diphenamid			0.200	0.245	0.288	0.352	0.465	0.485	0.524	0.527	*Q	0.99
79)														
99)	I	IS3_Phenanthrene-d10	----------ISTD----------											
100)	T	n-Octadecane			0.385	0.429	0.553	0.578	0.617	0.603	0.601	0.516	0.535	16.11
101)	T	Parathion			0.032	0.029	0.037	0.048	0.084	0.100			*Q	0.99
56)														
102)	T	3,3'-Dimethylb			0.130	0.126	0.211	0.300	0.500	0.572	0.674		*Q	0.99
88)														
103)	T	IS1_Chrysene-d12	----------ISTD----------											
104)	T	Benzo(a)anthra	0.906	0.882	1.042	1.231	1.363	1.333	1.418	1.358	1.354	1.280	1.217	16.38
105)	T	3,3'-Dichlorob			0.190	0.292	0.359	0.391	0.459	0.466	0.476	0.455	*L	0.99
89)														
106)	T	Chrysene	1.532	1.560	1.516	1.431	1.516	1.378	1.437	1.385	1.338	1.290	1.438	6.31
107)	T	Bis(2-ethylhex		0.261	0.244	0.419	0.604	0.710	0.948	0.989	1.070	1.072	*L	0.99
15)														
108)	T	Di-n-octylphth			0.344	0.472	0.699	0.919	1.374	1.524	1.804	1.802	*Q	0.99
57)														
109)	T	Benzo(b)fluora		0.809	0.910	1.176	1.221	1.203	1.386	1.313	1.413	1.232	1.185	17.14
110)	T	Benzo(k)fluora		0.746	0.900	1.104	1.211	1.190	1.178	1.190	1.242	1.245	1.112	15.58
111)	T	Benzo(a)pyrene		0.530	0.658	0.912	1.061	1.077	1.212	1.210	1.287	1.236	*L	0.99
86)														
112)	I	IS1_Perylene-d12	----------ISTD----------											
113)	T	Indeno(1,2,3-c		0.551	0.611	0.844	0.892	0.998	1.125	1.091	1.180	1.005	*Q	0.99
47)														
114)	T	Dibenzo(a,h)an		0.661	0.905	0.995	1.077	1.117	1.152	1.142	1.120	1.003	1.019	15.43
115)	T	Benzo(ghi)pery	0.673	0.783	0.984	1.007	1.055	1.071	1.156	1.086	1.000		0.979	15.74

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: SV115**	**Ical Ref**	**: ICAL15851**
Calibration dates	**: 06/04/19 21:18 06/05/19 11:27**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.573	0.571	0.616	0.597	0.611	0.584	0.583	0.545	0.593	0.535	0.581	4.47
3)	t	Pyridine		0.973	1.085	1.067	1.090	1.008	0.981	0.938	1.009	0.916	1.007	6.21
4)	S	2-Fluorophenol	0.633	0.644	0.703	0.731	0.762	0.744	0.761	0.733	0.800	0.738	0.725	7.19
5)	T	Aniline	1.161	1.256	1.366	1.379	1.444	1.352	1.356	1.282	1.370	1.223	1.319	6.49
6)	t	2-Chlorophenol	0.595	0.646	0.739	0.776	0.810	0.779	0.800	0.757	0.818	0.732	0.745	9.74
7)	S	Phenol-d6	0.893	0.910	1.019	1.035	1.072	1.027	1.034	0.986	1.055	0.944	0.998	6.22
8)	T	Phenol	0.949	1.029	1.130	1.169	1.210	1.130	1.124	1.053	1.119	0.986	1.090	7.59
9)	T	bis(2-Chloroethyl)ether	1.001	0.937	0.966	0.954	0.971	0.916	0.881	0.833	0.882	0.785	0.913	7.39
10)	T	1,3-Dichlorobenzene	1.076	0.980	1.030	0.973	1.014	0.946	0.914	0.875	0.919	0.835	0.956	7.68
11)	T	1,4-Dichlorobenzene	1.050	1.017	1.030	1.036	1.027	0.957	0.933	0.880	0.940	0.847	0.972	7.32
12)	T	1,2-Dichlorobenzene		0.993	0.963	0.972	0.965	0.901	0.881	0.844	0.889	0.801	0.912	7.16
13)	t	Benzyl alcohol	0.596	0.620	0.719	0.739	0.787	0.763	0.807	0.767	0.846	0.754	0.740	10.54
14)	T	bis(2-chloroisopropyl)ether	1.431	1.377	1.419	1.383	1.416	1.316	1.258	1.177	1.170	0.988	1.294	11.20
15)	T	2-Methylphenol	0.636	0.674	0.732	0.762	0.795	0.777	0.770	0.725	0.790	0.703	0.736	7.14
16)	T	Hexachloroethane	0.329	0.356	0.377	0.373	0.383	0.360	0.362	0.349	0.375	0.337	0.360	4.93
17)	T	n-Nitrosodi-n-propylamine	0.534	0.568	0.622	0.653	0.693	0.685	0.704	0.670	0.725	0.641	0.649	9.35
18)	T	3-Methylphenol/4-Methylphenol	0.629	0.727	0.790	0.821	0.854	0.844	0.839	0.789	0.852	0.753	0.790	8.99
19)	S	Nitrobenzene-d5	0.686	0.748	0.832	0.892	0.944	0.942	0.977	0.954	1.047	0.929	0.895	12.26
20)	T	Nitrobenzene	0.682	0.837	0.906	0.977	1.041	1.027	1.034	1.002	1.069	0.931	0.951	12.45
21)	T	Isophorone	1.312	1.446	1.616	1.750	1.850	1.814	1.834	1.739	1.881	1.647	1.689	11.06
22)	T	2-Nitrophenol				0.230	0.265	0.283	0.332	0.330	0.389	0.346	0.311	17.42
23)	T	2,4-Dimethylphenol	0.628	0.679	0.805	0.806	0.826	0.838	0.855	0.806	0.890	0.796	0.793	10.04
24)	T	bis(2-Chloroethoxy)methane	1.088	1.117	1.171	1.204	1.216	1.151	1.130	1.062	1.133	0.998	1.127	5.85
25)	T	2,4-Dichlorophenol	0.409	0.443	0.592	0.662	0.722	0.698	0.723	0.685	0.749	0.679	0.636	18.69
26)	T	1,2,4-Trichlorobenzene	0.931	0.933	0.932	0.892	0.902	0.845	0.822	0.783	0.834	0.755	0.863	7.49
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.622	0.609	0.697	0.715	0.724	0.698	0.763	0.733	0.769	0.732	0.706	7.57
29)	T	Acetophenone	1.155	1.210	1.281	1.335	1.343	1.324	1.440	1.407	1.443	1.382	1.332	7.12
30)	T	m-Toluidine			0.994	1.120	1.170	1.166	1.297	1.264	1.313	1.229	1.194	8.83
31)	T	2-Chloroaniline	0.804	0.933	1.032	1.068	1.074	1.054	1.144	1.115	1.128	1.083	1.043	9.86
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	n-Decane				1.262	1.244	1.208	1.217	1.212	1.199	1.059	1.200	5.49
34)	I	IS1_Naphthalene-d8	----------ISTD----------											
35)	T	Naphthalene		1.112	1.095	1.062	1.115	1.029	1.067	1.015	0.998	0.948	1.049	5.37
36)	T	Benzoic Acid					0.121	0.159	0.221	0.228	0.280	0.273	*Q	0.9981

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: SV115**	**Ical Ref**	**: ICAL15851**
Calibration dates	**: 06/04/19 21:18 06/05/19 11:27**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD	
37)	T	4-Chloroaniline	0.145	0.147	0.166	0.167	0.179	0.171	0.179	0.169	0.169	0.161	0.165	7.03	
38)	T	Hexachlorobutadiene	0.223	0.227	0.230	0.221	0.227	0.213	0.226	0.216	0.223	0.221	0.223	2.31	
39)	T	p-Chloro-m-cresol	0.202	0.193	0.259	0.282	0.319	0.316	0.349	0.336	0.350	0.336	0.294	19.93	
40)	T	2-Methylnaphthalene	0.688	0.711	0.738	0.721	0.755	0.711	0.745	0.703	0.703	0.672	0.715	3.60	
41)	T	1-Methylnaphthalene	0.273	0.294	0.291	0.286	0.303	0.283	0.295	0.278	0.281	0.275	0.286	3.37	
42)	T	Hexachlorocyclopentadiene	0.149	0.158	0.169	0.178	0.188	0.191	0.214	0.214	0.231	0.230	0.192	15.19	
43)	T	2,4,6-Trichlorophenol			0.153	0.173	0.210	0.209	0.237	0.233	0.246	0.241	0.213	15.93	
44)	T	2,4,5-Trichlorophenol			0.183	0.212	0.233	0.244	0.261	0.252	0.264	0.259	0.239	11.89	
45)	S	2-Fluorobiphenyl	0.859	0.851	0.871	0.844	0.886	0.824	0.858	0.817	0.819	0.789	0.842	3.46	
46)	T	2-Chloronaphthalene	0.672	0.697	0.723	0.723	0.744	0.693	0.728	0.689	0.690	0.662	0.702	3.78	
47)	T	2-Nitroaniline			0.102	0.120	0.145	0.159	0.190	0.188	0.209	0.198		*L	0.9980
48)	T	1,4-Dinitrobenzene				0.055	0.064	0.070	0.088	0.089	0.104	0.100		*L	0.9977
49)	T	1,3-Dinitrobenzene			0.055	0.070	0.083	0.092	0.107	0.106	0.116	0.111		*L	0.9988
50)	T	Dimethyl phthalate			0.819	0.829	0.865	0.820	0.835	0.795	0.807	0.770	0.817	3.47	
51)	T	Acenaphthylene	0.785	0.889	1.043	1.076	1.149	1.098	1.148	1.083	1.086	1.024	1.038	11.13	
52)	T	2,6-Dinitrotoluene			0.100	0.126	0.146	0.156	0.171	0.166	0.176	0.168	0.151	17.31	
53)	T	1,2-Dinitrobenzene			0.045	0.053	0.059	0.064	0.070	0.068	0.072	0.069	0.063	15.60	
54)	I	IS2_Naphthalene-d8	----------ISTD----------												
55)	T	a-Terpineol			0.247	0.260	0.283	0.293	0.336	0.336	0.329	0.311	0.299	11.51	
56)	T	3-Chloroaniline	0.146	0.171	0.181	0.185	0.196	0.197	0.203	0.198	0.192	0.178	0.185	9.18	
57)	T	2,6-Dichlorophenol				0.227	0.235	0.256	0.296	0.297	0.303	0.300	0.274	12.12	
58)	T	1-chloro-2-nitrobenzene			0.104	0.112	0.114	0.124	0.149	0.152	0.160	0.156	0.134	16.83	
59)	T	Caprolactam			0.088	0.109	0.130	0.144	0.192	0.192	0.199	0.195		*L	0.9980
60)	T	1,2,4,5-Tetrachlorobenzene	0.400	0.416	0.410	0.403	0.404	0.389	0.409	0.398	0.397	0.386	0.401	2.29	
61)	T	Biphenyl	0.903	0.885	0.953	0.923	0.920	0.893	0.946	0.918	0.894	0.847	0.908	3.40	
62)	I	IS1_Acenaphthene-d10	----------ISTD----------												
63)	T	3-Nitroaniline			0.225	0.269	0.303	0.302	0.328	0.311	0.338	0.314	0.299	12.08	
64)	T	Acenaphthene	1.130	1.189	1.233	1.153	1.251	1.145	1.188	1.125	1.159	1.087	1.166	4.29	
65)	T	2,4-Dinitrophenol					0.068	0.085	0.112	0.121	0.163	0.160		*Q	0.9963
66)	T	Dibenzofuran	1.993	1.936	1.983	1.904	2.004	1.850	1.869	1.781	1.811	1.690	1.882	5.43	
67)	T	2,4-Dinitrotoluene			0.246	0.282	0.344	0.354	0.383	0.384	0.424	0.404	0.353	17.29	
68)	T	4-Nitrophenol				0.240	0.291	0.295	0.334	0.336	0.374	0.349	0.317	14.14	
69)	T	2,3,5,6-Tetrachlorophenol			0.244	0.281	0.338	0.344	0.377	0.376	0.419	0.401	0.347	17.08	
70)	T	2,3,4,6-Tetrachlorophenol			0.287	0.350	0.388	0.372	0.404	0.393	0.438	0.409	0.380	12.02	
71)	T	Diethyl phthalate	1.112	1.192	1.368	1.382	1.488	1.419	1.437	1.388	1.478	1.390	1.365	8.85	
72)	T	Fluorene	1.286	1.378	1.449	1.445	1.549	1.443	1.470	1.401	1.455	1.356	1.423	5.04	

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: SV115**	**Ical Ref**	**: ICAL15851**
Calibration dates	**: 06/04/19 21:18 06/05/19 11:27**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD	
73)	T	4-Chlorophenyl-phenylether	0.795	0.831	0.785	0.750	0.795	0.735	0.745	0.708	0.746	0.712	0.760	5.23	
74)	T	4-Nitroaniline			0.202	0.263	0.315	0.305	0.310	0.311	0.339	0.324	0.296	14.74	
75)	T	4,6-Dinitro-o-cresol				0.088	0.107	0.120	0.155	0.166	0.214	0.208		*Q	0.9964
76)	T	NDPA/DPA	0.958	1.095	1.236	1.239	1.337	1.253	1.268	1.203	1.254	1.185	1.203	8.84	
77)	T	Azobenzene	1.151	1.344	1.569	1.594	1.730	1.625	1.668	1.580	1.585	1.482	1.533	11.08	
78)	S	2,4,6-Tribromophenol			0.128	0.145	0.173	0.175	0.195	0.197	0.227	0.221	0.183	18.87	
79)	T	4-Bromophenyl-phenylether	0.406	0.393	0.414	0.410	0.439	0.414	0.429	0.415	0.452	0.436	0.421	4.26	
80)	T	Hexachlorobenzene	0.472	0.466	0.489	0.456	0.488	0.461	0.462	0.450	0.493	0.479	0.472	3.17	
81)	T	Pentachlorophenol				0.142	0.192	0.209	0.252	0.260	0.317	0.308		*L	0.9964
82)	I	IS2_Acenaphthene-d10	----------ISTD----------												
83)	T	Dichloran				0.071	0.080	0.099	0.143	0.157	0.187	0.190		*Q	0.9982
84)	T	Pentachloronitrobenzene			0.091	0.116	0.134	0.151	0.194	0.200	0.216	0.211		*L	0.9977
85)	I	IS3_Acenaphthene-d10	----------ISTD----------												
86)	T	Atrazine		0.481	0.063	0.220	0.269	0.310	0.368	0.384	0.432	0.396		*Q	0.9972
87)	I	IS1_Phenanthrene-d10	----------ISTD----------												
88)	T	Phenanthrene	1.244	1.211	1.212	1.193	1.248	1.154	1.196	1.133	1.125	1.075	1.179	4.73	
89)	T	Anthracene	0.952	1.019	1.094	1.124	1.194	1.134	1.198	1.137	1.149	1.091	1.109	6.84	
90)	T	Carbazole	0.781	0.835	0.987	1.043	1.116	1.070	1.115	1.069	1.080	1.024	1.012	11.37	
91)	T	Di-n-butylphthalate			0.728	0.867	1.016	1.064	1.213	1.192	1.220	1.139	1.055	16.88	
92)	T	Fluoranthene	1.070	1.048	1.206	1.246	1.358	1.335	1.409	1.365	1.380	1.284	1.270	10.06	
93)	T	Benzidine					0.597	0.675	0.787	0.771	0.701	0.634	0.694	10.78	
94)	T	Pyrene	1.070	1.184	1.369	1.399	1.500	1.434	1.499	1.438	1.436	1.339	1.367	10.14	
95)	S	4-Terphenyl-d14	0.748	0.815	0.874	0.883	0.933	0.912	0.947	0.924	0.946	0.902	0.888	7.12	
96)	T	Butyl benzyl phthalate			0.215	0.265	0.334	0.410	0.511	0.532	0.595	0.561		*L	0.9966
97)	I	IS2_Phenanthrene-d10	----------ISTD----------												
98)	T	Diphenamid				0.342	0.396	0.425	0.519	0.523	0.536	0.526	0.467	16.75	
99)	I	IS3_Phenanthrene-d10	----------ISTD----------												
100)	T	Parathion				0.040	0.046	0.056	0.082	0.102	0.138	0.128		*Q	0.9932
101)	T	3,3'-Dimethylbenzidine				0.236	0.321	0.426	0.624	0.706	0.781	0.726		*Q	0.9966
102)	T	IS1_Chrysene-d12 ----- ----- ---IS D---	-----	-----	---IS D----	-----	-----	----							
103)	T	Benzo[a]anthracene	0.955	1.032	1.159	1.223	1.344	1.297	1.356	1.324	1.294	1.224	1.221	11.10	
104)	T	3,3'-Dichlorobenzidine			0.269	0.349	0.413	0.432	0.493	0.492	0.513	0.496	0.432	19.94	
105)	T	Chrysene	1.522	1.422	1.425	1.375	1.429	1.334	1.370	1.306	1.277	1.210	1.367	6.54	
106)	T	bis(2-Ethylhexyl)phthalate		0.304	0.338	0.467	0.584	0.662	0.766	0.788	0.803	0.753		*Q	0.9966
107)	T	Di-n-octylphthalate			0.420	0.553	0.721	0.916	1.208	1.290	1.356	1.277		*L	0.9964
108)	T	Benzo(b)fluoranthene		0.859	1.135	1.207	1.359	1.380	1.405	1.390	1.383	1.365	1.276	14.28	

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: SV115**	**Ical Ref**	**: ICAL15851**
Calibration dates	**: 06/04/19 21:18 06/05/19 11:27**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD	
109)	T	Benzo(k)fluoranthene	0.723	1.008	1.201	1.308	1.357	1.300	1.398	1.328	1.287	1.228	1.214	16.76	
110)	T	Benzo(a)pyrene		0.688	0.962	1.104	1.230	1.240	1.356	1.341	1.329	1.298	1.172	18.93	
111)	I	IS1_Perylene-d12	----------ISTD----------												
112)	T	Indeno(1,2,3-cd)pyrene		0.575	0.762	0.912	1.049	1.050	1.173	1.225	1.255	1.210		*L 0.9987	
113)	T	Dibenzo[a,h]anthracene		0.732	0.959	1.074	1.224	1.146	1.209	1.217	1.192	1.152	1.101	14.73	
114)	T	Benzo(g,h,i)perylene	0.718	0.842	1.019	1.088	1.231	1.140	1.214	1.223	1.160	1.083	1.072	15.93	

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011		
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3		
Instrument ID	: SV115	**Calibration Date**	: 06/11/19 08:28		
Lab File ID	: ABN0611	**Init. Calib. Date(s)**	: 06/04/19	06/05/19	
Sample No	: WG1246851-3	**Init. Calib. Times**	: 21:18	11:27	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	78	0
n-Nitrosodimethylamine	0.581	0.614	-	-5.7	20	82	0
Pyridine	1.007	1.061	-	-5.4	20	82	0
2-Fluorophenol	0.725	0.792	-	-9.2	20	83	0
Aniline	1.319	1.337	-	-1.4	20	77	0
2-Chlorophenol	0.745	0.82	-	-10.1	20	82	0
Phenol-d6	0.998	1.042	-	-4.4	20	79	0
Phenol	1.09	1.143	-	-4.9	20	79	0
Bis(2-chloroethyl)ether	0.913	0.909	-	0.4	20	78	0
1,3-Dichlorobenzene	0.956	0.952	-	0.4	20	79	0
1,4-Dichlorobenzene	0.972	0.971	-	0.1	20	79	0
1,2-Dichlorobenzene	0.912	0.917	-	-0.5	20	80	0
Benzyl alcohol	0.74	0.797	-	-7.7	20	82	0
Bis(2-chloroisopropyl)ethe	1.294	1.307	-	-1	20	78	0
2-Methylphenol	0.736	0.782	-	-6.3	20	79	0
Hexachloroethane	0.36	0.384	-	-6.7	20	83	0
n-Nitrosodi-n-propylamine	0.649	0.69	-	-6.3	20	79	0
3-Methylphenol/4-Methylphe	0.79	0.835	-	-5.7	20	77	0
Nitrobenzene-d5	0.895	1.02	-	-14	20	85	0
Nitrobenzene	0.951	1.085	-	-14.1	20	83	0
Isophorone	1.689	1.789	-	-5.9	20	77	0
2-Nitrophenol	0.311	0.356	-	-14.5	20	98	0
2,4-Dimethylphenol	0.793	0.941	-	-18.7	20	88	0
Bis(2-chloroethoxy)methane	1.127	1.162	-	-3.1	20	79	0
2,4-Dichlorophenol	0.636	0.708	-	-11.3	20	79	0
1,2,4-Trichlorobenzene	0.863	0.857	-	0.7	20	79	0
IS1_Naphthalene-d8	1	1	-	0	20	79	0
Naphthalene	1.049	1.031	-	1.7	20	79	0
Benzoic Acid	5	5.335	-	-6.7	20	94	0
4-Chloroaniline	0.165	0.17	-	-3	20	79	0
Hexachlorobutadiene	0.223	0.222	-	0.4	20	82	0
p-Chloro-m-cresol	0.294	0.324	-	-10.2	20	81	0
2-Methylnaphthalene	0.715	0.717	-	-0.3	20	80	0
1-Methylnaphthalene	0.286	0.294	-	-2.8	20	82	0
Hexachlorocyclopentadiene	0.192	0.246	-	-28.1*	20	102	0
2,4,6-Trichlorophenol	0.213	0.237	-	-11.3	20	89	0
2,4,5-Trichlorophenol	0.239	0.251	-	-5	20	81	0
2-Fluorobiphenyl	0.842	0.848	-	-0.7	20	81	0
2-Chloronaphthalene	0.702	0.714	-	-1.7	20	81	0
2-Nitroaniline	5	4.971	-	0.6	20	86	0
1,4-Dinitrobenzene	5	5.464	-	-9.3	20	100	0
1,3-Dinitrobenzene	5	5.406	-	-8.1	20	93	0
Dimethyl phthalate	0.817	0.949	-	-16.2	20	91	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011		
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3		
Instrument ID	: SV115	**Calibration Date**	: 06/11/19 08:28		
Lab File ID	: ABN0611	**Init. Calib. Date(s)**	: 06/04/19	06/05/19	
Sample No	: WG1246851-3	**Init. Calib. Times**	: 21:18	11:27	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.038	1.112	-	-7.1	20	80	0
2,6-Dinitrotoluene	0.151	0.173	-	-14.6	20	88	0
1,2-Dinitrobenzene	0.063	0.071	-	-12.7	20	87	0
IS1_Acenaphthene-d10	1	1	-	0	20	80	0
3-Nitroaniline	0.299	0.322	-	-7.7	20	86	0
Acenaphthene	1.166	1.146	-	1.7	20	80	0
2,4-Dinitrophenol	5	6.834	-	-36.7*	20	135	0
Dibenzofuran	1.882	1.858	-	1.3	20	81	0
2,4-Dinitrotoluene	0.353	0.418	-	-18.4	20	95	0
4-Nitrophenol	0.317	0.346	-	-9.1	20	94	0
2,3,5,6-Tetrachlorophenol	0.347	0.391	-	-12.7	20	91	0
2,3,4,6-Tetrachlorophenol	0.38	0.405	-	-6.6	20	87	0
Diethyl phthalate	1.365	1.474	-	-8	20	83	0
Fluorene	1.423	1.448	-	-1.8	20	81	0
4-Chlorophenyl phenyl ethe	0.76	0.754	-	0.8	20	82	0
4-Nitroaniline	0.296	0.306	-	-3.4	20	81	0
4,6-Dinitro-o-cresol	5	6.346	-	-26.9*	20	125	0
NDPA/DPA	1.203	1.272	-	-5.7	20	82	0
Azobenzene	1.533	1.653	-	-7.8	20	82	0
2,4,6-Tribromophenol	0.183	0.206	-	-12.6	20	94	0
4-Bromophenyl phenyl ether	0.421	0.433	-	-2.9	20	84	0
Hexachlorobenzene	0.472	0.495	-	-4.9	20	86	0
Pentachlorophenol	5	5.385	-	-7.7	20	98	0
IS1_Phenanthrene-d10	1	1	-	0	20	82	0
Phenanthrene	1.179	1.16	-	1.6	20	82	0
Anthracene	1.109	1.147	-	-3.4	20	83	0
Carbazole	1.012	1.061	-	-4.8	20	81	0
Di-n-butylphthalate	1.055	1.102	-	-4.5	20	85	0
Fluoranthene	1.27	1.348	-	-6.1	20	83	0
Benzidine	0.694	0.717	-	-3.3	20	87	0
Pyrene	1.367	1.449	-	-6	20	83	0
4-Terphenyl-d14	0.888	0.936	-	-5.4	20	84	0
Butyl benzyl phthalate	5	4.701	-	6	20	87	0
IS1_Chrysene-d12	1	1	-	0	20	83	0
Benzo(a)anthracene	1.221	1.286	-	-5.3	20	82	0
3,3'-Dichlorobenzidine	0.432	0.436	-	-0.9	20	84	0
Chrysene	1.367	1.335	-	2.3	20	83	0
Bis(2-ethylhexyl)phthalate	5	4.566	-	8.7	20	81	0
Di-n-octylphthalate	5	4.41	-	11.8	20	83	0
Benzo(b)fluoranthene	1.276	1.313	-	-2.9	20	79	0
Benzo(k)fluoranthene	1.214	1.332	-	-9.7	20	85	0
Benzo(a)pyrene	1.172	1.219	-	-4	20	82	0
IS1_Perylene-d12	1	1	-	0	20	84	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011		
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3		
Instrument ID	: SV115	**Calibration Date**	: 06/11/19 08:28		
Lab File ID	: ABN0611	**Init. Calib. Date(s)**	: 06/04/19	06/05/19	
Sample No	: WG1246851-3	**Init. Calib. Times**	: 21:18	11:27	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	5	4.645	-	7.1	20	85	0
Dibenzo(a,h)anthracene	1.101	1.128	-	-2.5	20	83	0
Benzo(ghi)perylene	1.072	1.15	-	-7.3	20	85	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011		
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3		
Instrument ID	: SV115	**Calibration Date**	: 06/11/19 08:54		
Lab File ID	: AP90611	**Init. Calib. Date(s)**	: 06/04/19	06/05/19	
Sample No	: WG1246851-4	**Init. Calib. Times**	: 21:18	11:27	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	77	0
Benzaldehyde	0.706	0.728	-	-3.1	20	80	0
Acetophenone	1.332	1.391	-	-4.4	20	81	0
m-Toluidine	1.194	1.221	-	-2.3	20	80	0
2-Chloroaniline	1.043	1.093	-	-4.8	20	80	0
IS2_Naphthalene-d8	1	1	-	0	20	77	0
a-Terpineol	0.299	0.329	-	-10	20	87	0
3-Chloroaniline	0.185	0.204	-	-10.3	20	80	0
2,6-Dichlorophenol	0.274	0.3	-	-9.5	20	90	0
1-chloro-2-nitrobenzene	0.134	0.153	-	-14.2	20	95	0
Caprolactam	5	4.677	-	6.5	20	83	0
1,2,4,5-Tetrachlorobenzene	0.401	0.398	-	0.7	20	79	0
Biphenyl	0.908	0.906	-	0.2	20	78	0
IS2_Acenaphthene-d10	1	1	-	0	20	69	0
Dichloran	5	5.423	-	-8.5	20	94	0
Pentachloronitrobenzene	5	5.57	-	-11.4	20	93	0
IS2_Phenanthrene-d10	1	1	-	0	20	74	0
Diphenamid	0.467	0.418	-	10.5	20	73	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011		
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3		
Instrument ID	: SV115	**Calibration Date**	: 06/11/19 09:19		
Lab File ID	: ADP0611	**Init. Calib. Date(s)**	: 06/04/19	06/05/19	
Sample No	: WG1246851-5	**Init. Calib. Times**	: 21:18	11:27	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	70	0
n-Decane	1.2	1.138	-	5.2	20	66	0
IS3_Acenaphthene-d10	1	1	-	0	20	63	0
Atrazine	5	4.507	-	9.9	20	63	0
IS3_Phenanthrene-d10	1	1	-	0	20	67	0
Parathion	5	4.709	-	5.8	20	68	0
3,3'-Dimethylbenzidine	5	4.145	-	17.1	20	61	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011		
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3		
Instrument ID	: SV107	**Calibration Date**	: 06/12/19 04:51		
Lab File ID	: ABN0612B	**Init. Calib. Date(s)**	: 05/31/19	06/01/19	
Sample No	: WG1247258-3	**Init. Calib. Times**	: 16:21	20:33	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	75	0
n-Nitrosodimethylamine	0.5	0.518	-	-3.6	20	80	0
Pyridine	0.915	0.953	-	-4.2	20	81	0
2-Fluorophenol	0.707	0.77	-	-8.9	20	81	0
Aniline	1.202	1.286	-	-7	20	80	0
2-Chlorophenol	0.762	0.886	-	-16.3	20	87	0
Phenol-d6	0.876	1.01	-	-15.3	20	85	0
Phenol	0.982	1.108	-	-12.8	20	86	0
Bis(2-chloroethyl)ether	0.827	0.905	-	-9.4	20	85	0
1,3-Dichlorobenzene	0.968	0.986	-	-1.9	20	80	0
1,4-Dichlorobenzene	0.979	1.016	-	-3.8	20	81	0
1,2-Dichlorobenzene	0.921	0.946	-	-2.7	20	79	0
Benzyl alcohol	0.581	0.638	-	-9.8	20	82	0
Bis(2-chloroisopropyl)ethe	1.152	1.023	-	11.2	20	67	0
2-Methylphenol	0.705	0.797	-	-13	20	82	0
Hexachloroethane	0.34	0.384	-	-12.9	20	87	0
n-Nitrosodi-n-propylamine	0.501	0.564	-	-12.6	20	83	0
3-Methylphenol/4-Methylphe	0.755	0.857	-	-13.5	20	82	0
Nitrobenzene-d5	0.744	0.851	-	-14.4	20	83	0
Nitrobenzene	0.803	0.917	-	-14.2	20	82	0
Isophorone	1.356	1.554	-	-14.6	20	80	0
2-Nitrophenol	0.335	0.377	-	-12.5	20	94	0
2,4-Dimethylphenol	0.767	0.872	-	-13.7	20	81	0
Bis(2-chloroethoxy)methane	0.988	1.11	-	-12.3	20	84	0
2,4-Dichlorophenol	0.618	0.685	-	-10.8	20	79	0
1,2,4-Trichlorobenzene	0.746	0.748	-	-0.3	20	77	0
IS1_Naphthalene-d8	1	1	-	0	20	77	0
Naphthalene	1.041	1.077	-	-3.5	20	81	0
Benzoic Acid	5	6.171	-	-23.4*	20	111	0
4-Chloroaniline	0.125	0.127	-	-1.6	20	75	0
Hexachlorobutadiene	0.161	0.154	-	4.3	20	75	0
p-Chloro-m-cresol	0.26	0.296	-	-13.8	20	83	0
2-Methylnaphthalene	0.684	0.711	-	-3.9	20	79	0
1-Methylnaphthalene	0.246	0.256	-	-4.1	20	81	0
Hexachlorocyclopentadiene	0.166	0.17	-	-2.4	20	79	0
2,4,6-Trichlorophenol	0.172	0.184	-	-7	20	83	0
2,4,5-Trichlorophenol	0.193	0.193	-	0	20	77	0
2-Fluorobiphenyl	0.747	0.723	-	3.2	20	75	0
2-Chloronaphthalene	0.63	0.651	-	-3.3	20	81	0
2-Nitroaniline	5	5.107	-	-2.1	20	89	0
1,4-Dinitrobenzene	5	5.187	-	-3.7	20	87	0
1,3-Dinitrobenzene	0.089	0.097	-	-9	20	87	0
Dimethyl phthalate	0.657	0.773	-	-17.7	20	86	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011		
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3		
Instrument ID	: SV107	**Calibration Date**	: 06/12/19 04:51		
Lab File ID	: ABN0612B	**Init. Calib. Date(s)**	: 05/31/19	06/01/19	
Sample No	: WG1247258-3	**Init. Calib. Times**	: 16:21	20:33	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	0.924	1.058	-	-14.5	20	80	0
2,6-Dinitrotoluene	5	5.47	-	-9.4	20	86	0
1,2-Dinitrobenzene	0.056	0.067	-	-19.6	20	88	0
IS1_Acenaphthene-d10	1	1	-	0	20	75	0
3-Nitroaniline	0.309	0.351	-	-13.6	20	83	0
Acenaphthene	1.18	1.256	-	-6.4	20	80	0
2,4-Dinitrophenol	5	5.748	-	-15	20	120	0
Dibenzofuran	1.772	1.894	-	-6.9	20	80	0
2,4-Dinitrotoluene	0.336	0.407	-	-21.1*	20	87	0
4-Nitrophenol	0.249	0.267	-	-7.2	20	87	0
2,3,5,6-Tetrachlorophenol	5	5.076	-	-1.5	20	78	0
2,3,4,6-Tetrachlorophenol	0.29	0.303	-	-4.5	20	78	0
Diethyl phthalate	1.226	1.415	-	-15.4	20	81	0
Fluorene	1.305	1.459	-	-11.8	20	82	0
4-Chlorophenyl phenyl ethe	0.623	0.649	-	-4.2	20	78	0
4-Nitroaniline	0.301	0.332	-	-10.3	20	90	0
4,6-Dinitro-o-cresol	5	5.703	-	-14.1	20	108	0
NDPA/DPA	1.113	1.235	-	-11	20	78	0
Azobenzene	1.285	1.517	-	-18.1	20	82	0
2,4,6-Tribromophenol	5	4.159	-	16.8	20	66	0
4-Bromophenyl phenyl ether	0.307	0.286	-	6.8	20	68	0
Hexachlorobenzene	0.331	0.279	-	15.7	20	65	0
Pentachlorophenol	5	4.673	-	6.5	20	76	0
IS1_Phenanthrene-d10	1	1	-	0	20	79	0
Phenanthrene	1.197	1.219	-	-1.8	20	82	0
Anthracene	1.115	1.183	-	-6.1	20	82	0
Carbazole	1.033	1.135	-	-9.9	20	82	0
Di-n-butylphthalate	5	5.019	-	-0.4	20	86	0
Fluoranthene	1.187	1.253	-	-5.6	20	79	0
Benzidine	0.794	0.613	-	22.8*	20	75	0
Pyrene	1.277	1.313	-	-2.8	20	77	0
4-Terphenyl-d14	0.745	0.737	-	1.1	20	79	0
Butyl benzyl phthalate	5	5.118	-	-2.4	20	104	0
IS1_Chrysene-d12	1	1	-	0	20	75	0
Benzo(a)anthracene	1.217	1.353	-	-11.2	20	77	0
3,3'-Dichlorobenzidine	5	4.963	-	0.7	20	79	0
Chrysene	1.438	1.404	-	2.4	20	77	0
Bis(2-ethylhexyl)phthalate	5	4.787	-	4.3	20	93	0
Di-n-octylphthalate	5	5.034	-	-0.7	20	97	0
Benzo(b)fluoranthene	1.185	1.179	-	0.5	20	74	0
Benzo(k)fluoranthene	1.112	1.235	-	-11.1	20	78	0
Benzo(a)pyrene	5	4.865	-	2.7	20	79	0
IS1_Perylene-d12	1	1	-	0	20	67	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011		
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3		
Instrument ID	: SV107	**Calibration Date**	: 06/12/19 04:51		
Lab File ID	: ABN0612B	**Init. Calib. Date(s)**	: 05/31/19	06/01/19	
Sample No	: WG1247258-3	**Init. Calib. Times**	: 16:21	20:33	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	5	4.726	-	5.5	20	68	0
Dibenzo(a,h)anthracene	1.019	1.128	-	-10.7	20	68	0
Benzo(ghi)perylene	0.979	1.09	-	-11.3	20	68	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011		
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3		
Instrument ID	: SV107	**Calibration Date**	: 06/12/19 05:18		
Lab File ID	: AP90612	**Init. Calib. Date(s)**	: 05/31/19	06/01/19	
Sample No	: WG1247258-4	**Init. Calib. Times**	: 16:21	20:33	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	74	0
Benzaldehyde	0.669	0.739	-	-10.5	20	82	0
Acetophenone	1.199	1.307	-	-9	20	80	0
m-Toluidine	1.068	1.226	-	-14.8	20	81	0
2-Chloroaniline	1.053	1.205	-	-14.4	20	82	0
IS2_Naphthalene-d8	1	1	-	0	20	75	0
a-Terpineol	0.199	0.272	-	-36.7*	20	101	0
3-Chloroaniline	0.141	0.152	-	-7.8	20	79	0
2,6-Dichlorophenol	0.232	0.278	-	-19.8	20	91	0
1-chloro-2-nitrobenzene	0.118	0.143	-	-21.2*	20	96	0
Caprolactam	5	5.317	-	-6.3	20	95	0
1,2,4,5-Tetrachlorobenzene	0.295	0.291	-	1.4	20	76	0
Biphenyl	0.813	0.856	-	-5.3	20	81	0
IS2_Acenaphthene-d10	1	1	-	0	20	78	0
Dichloran	5	5.75	-	-15	20	119	0
Pentachloronitrobenzene	5	5.19	-	-3.8	20	93	0
IS2_Phenanthrene-d10	1	1	-	0	20	78	0
Diphenamid	5	5.853	-	-17.1	20	109	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011		
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3		
Instrument ID	: SV107	**Calibration Date**	: 06/12/19 05:46		
Lab File ID	: ADP0612	**Init. Calib. Date(s)**	: 05/31/19	06/01/19	
Sample No	: WG1247258-5	**Init. Calib. Times**	: 16:21	20:33	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	72	0
n-Decane	1.096	1.068	-	2.6	20	70	0
IS3_Acenaphthene-d10	1	1	-	0	20	71	0
Atrazine	5	5.351	-	-7	20	83	0
IS3_Phenanthrene-d10	1	1	-	0	20	75	0
n-Octadecane	0.535	0.579	-	-8.2	20	75	0
Parathion	5	5.992	-	-19.8	20	106	0
3,3'-Dimethylbenzidine	5	4.508	-	9.8	20	84	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Lisko Environmental, LLC
Project Name: FORMER PISTOIA SERVICE CENTER

Lab Number: L1924011
Project Number: 0064-3
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (NBZ)	S2 (FBP)	S3 (TPH)	S4 ()	S5 ()	S6 ()	TOT OUT
TMW-7 (L1924011-01)	91	86	90	--	--	--	0
WG1246635-1BLANK	69	77	84	--	--	--	0
WG1246635-2LCS	88	79	79	--	--	--	0
WG1246635-3LCSD	79	79	85	--	--	--	0

QC LIMITS

(30-130) NBZ = NITROBENZENE-D5
(30-130) FBP = 2-FLUOROBIPHENYL
(30-130) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NJ-BNEXT-LVI

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Matrix	: WATER		
LCS Sample ID	: WG1246635-2 **Analysis Date** : 06/11/19 10:21	**File ID**	: 246635-2
LCSD Sample ID	: WG1246635-3 **Analysis Date** : 06/11/19 10:47	**File ID**	: 246635-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	18	15	84	18	15	84	0	70-130	20
Bis(2-chloroethyl)ether	18	15	82	18	13	72	13	70-130	20
2-Chloronaphthalene	18	15	83	18	15	81	2	70-130	20
2,4-Dinitrotoluene	18	16	89	18	16	89	0	70-130	20
2,6-Dinitrotoluene	18	15	84	18	16	87	4	70-130	20
Fluoranthene	18	16	86	18	16	90	5	70-130	20
4-Chlorophenyl phenyl ether	18	15	83	18	15	84	1	70-130	20
Bis(2-chloroisopropyl)ether	18	14	80	18	13	73	9	70-130	20
Bis(2-chloroethoxy)methane	18	15	83	18	15	81	2	70-130	20
Hexachlorocyclopentadiene	18	17	95	18	16	90	5	20-160	20
Hexachloroethane	18	15	83	18	12	68	20	20-160	20
Isophorone	18	15	84	18	14	80	5	70-130	20
Naphthalene	18	15	84	18	14	75	11	70-130	20
Nitrobenzene	18	16	90	18	15	80	12	70-130	20
NDPA/DPA	18	16	85	18	16	89	5	70-130	20
n-Nitrosodi-n-propylamine	18	16	90	18	15	84	7	70-130	20
Bis(2-ethylhexyl)phthalate	18	14	77	18	14	79	3	70-130	20
Butyl benzyl phthalate	18	14	79	18	15	84	6	70-130	20
Di-n-butylphthalate	18	15	83	18	15	85	2	70-130	20
Di-n-octylphthalate	18	14	80	18	16	86	7	70-130	20
Diethyl phthalate	18	16	86	18	16	88	2	70-130	20
Dimethyl phthalate	18	16	86	18	16	86	0	70-130	20
Chrysene	18	16	88	18	17	92	4	70-130	20
Acenaphthylene	18	16	87	18	16	86	1	70-130	20
Anthracene	18	16	88	18	16	90	2	70-130	20
Benzo(ghi)perylene	18	18	98	18	19	105	7	70-130	20

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Matrix	: WATER		
LCS Sample ID	: WG1246635-2 **Analysis Date** : 06/11/19 10:21	**File ID**	: 246635-2
LCSD Sample ID	: WG1246635-3 **Analysis Date** : 06/11/19 10:47	**File ID**	: 246635-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Fluorene	18	15	84	18	16	85	1	70-130	20
Phenanthrene	18	15	85	18	16	86	1	70-130	20
Pyrene	18	15	83	18	16	88	6	70-130	20
4-Chloroaniline	18	15	85	18	15	84	1	20-160	20
2-Nitroaniline	18	14	80	18	14	79	1	70-130	20
3-Nitroaniline	18	14	74	18	14	78	5	70-130	20
4-Nitroaniline	18	13	74	18	15	81	9	70-130	20
Dibenzofuran	18	15	85	18	15	84	1	70-130	20
2-Methylnaphthalene	18	16	85	18	15	81	5	70-130	20
Carbazole	18	15	85	18	16	89	5	70-130	20
4-Bromophenyl phenyl ether	18	15	83	18	15	84	1	70-130	20
3,3'-Dichlorobenzidine	18	13	70	18	14	76	8	70-130	20
Benzaldehyde	18	16	86	18	13	72	18	20-160	20
Acetophenone	18	15	84	18	14	77	9	70-130	20
Caprolactam	18	8.9	49	18	8.4	46	6	20-160	20
Biphenyl	18	15	81	18	14	80	1	70-130	20
1,2,4,5-Tetrachlorobenzene	18	15	80	18	14	76	5	70-130	20
Atrazine	18	16	91	18	17	93	2	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV115	**Analysis Date**	: 06/11/19 08:28
Sample No	: WG1246851-3	**Lab File ID**	: ABN0611

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1246851-3	89998	6.43	216388	7.86	123617	9.63
Upper Limit	179996	6.93	432776	8.36	247234	10.13
Lower Limit	44999	5.93	108194	7.36	61809	9.13
Sample ID						
WG1246851-4 CCAL	85958	6.43	213221	7.86	106315	9.62
WG1246851-5 CCAL	84828	6.43	-	-	100066	9.63
WG1246635-1 BLANK	86184	6.43	203609	7.86	111018	9.63
WG1246635-2 LCS	85014	6.43	195461	7.86	103926	9.63
WG1246635-3 LCSD	83516	6.43	195367	7.86	103890	9.63

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV115	**Analysis Date**	: 06/11/19 08:28
Sample No	: WG1246851-3	**Lab File ID**	: ABN0611

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1246851-3	246470	11.07	258154	13.70	278503	15.16
Upper Limit	492940	11.57	516308	14.20	557006	15.66
Lower Limit	123235	10.57	129077	13.20	139252	14.66
Sample ID						
WG1246851-4 CCAL	242146	11.06	-	-	-	-
WG1246851-5 CCAL	237290	11.07	-	-	-	-
WG1246635-1 BLANK	227293	11.06	214318	13.70	233186	15.16
WG1246635-2 LCS	195202	11.06	168376	13.69	172571	15.16
WG1246635-3 LCSD	199411	11.06	184943	13.70	204246	15.16

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV107	**Analysis Date**	: 06/12/19 04:51
Sample No	: WG1247258-3	**Lab File ID**	: ABN0612B

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1247258-3	132017	6.57	326771	7.98	159229	9.73
Upper Limit	264034	7.07	653542	8.48	318458	10.23
Lower Limit	66009	6.07	163386	7.48	79615	9.23
Sample ID						
WG1247258-4 CCAL	121113	6.57	317343	7.98	153378	9.73
WG1247258-5 CCAL	122616	6.57	-	-	147815	9.73
TMW-7	120453	6.57	319512	7.98	164295	9.73

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV107	**Analysis Date**	: 06/12/19 04:51
Sample No	: WG1247258-3	**Lab File ID**	: ABN0612B

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1247258-3	287315	11.17	235951	13.79	207417	15.25
Upper Limit	574630	11.67	471902	14.29	414834	15.75
Lower Limit	143658	10.67	117976	13.29	103709	14.75
Sample ID						
WG1247258-4 CCAL	279135	11.17	-	-	-	-
WG1247258-5 CCAL	299907	11.17	-	-	-	-
TMW-7	293377	11.17	222084	13.79	210352	15.25

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : 11924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 12:19:50 2019
Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Jun 12 06:33:02 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\190612LVI\ABN0612b.D
: 2 - I:\8270\SV107\190612LVI\ADP0612.D
: 3 - I:\8270\SV107\190612LVI\AP90612.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	6.572	150	120453	4.000	ug/ml	0.00
Standard Area 1 = 132017			Recovery = 91.24%			
27) IS2_1,4-Dichlorobenzen...	6.572	150	120453	4.000	ug/ml	0.00
Standard Area 3 = 121113			Recovery = 99.46%			
34) IS1_Naphthalene-d8	7.978	136	319512	4.000	ug/ml	0.00
Standard Area 1 = 326771			Recovery = 97.78%			
54) IS2_Naphthalene-d8	7.978	136	319512	4.000	ug/ml	0.00
Standard Area 3 = 317343			Recovery = 100.68%			
62) IS1_Acenaphthene-d10	9.731	164	164295	4.000	ug/ml	0.00
Standard Area 1 = 159229			Recovery = 103.18%			
85) IS3_Acenaphthene-d10	9.731	164	164295	4.000	ug/ml	0.00
Standard Area 2 = 147815			Recovery = 111.15%			
87) IS1_Phenanthrene-d10	11.166	188	293377	4.000	ug/ml	# 0.00
Standard Area 1 = 287315			Recovery = 102.11%			
103) IS1_Chrysene-d12	13.789	240	222084	4.000	ug/ml	# 0.00
Standard Area 1 = 235951			Recovery = 94.12%			
112) IS1_Perylene-d12	15.254	264	210352	4.000	ug/ml	0.00
Standard Area 1 = 207417			Recovery = 101.42%			
System Monitoring Compounds						
4) 2-Fluorophenol	4.766	112	78333	3.678	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 73.56%			
7) Phenol-d6	6.207	99	76122	2.886	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 57.72%			
19) Nitrobenzene-d5	7.219	82	50941	2.274	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 90.96%			
45) 2-Fluorobiphenyl	9.089	172	128477	2.153	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 86.12%			
78) 2,4,6-Tribromophenol	10.501	330	18963	3.677	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 73.54%			
95) 4-Terphenyl-d14	12.736	244	123166	2.254	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 90.16%			
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	d	

Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : 11924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 12:19:50 2019
Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Jun 12 06:33:02 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\190612LVI\ABN0612b.D
: 2 - I:\8270\SV107\190612LVI\ADP0612.D
: 3 - I:\8270\SV107\190612LVI\AP90612.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D. d		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D. d		
29) Acetophenone	0.000		0	N.D. d		
35) Naphthalene	8.001	128	12174	0.146	ug/ml	100
37) 4-Chloroaniline	0.000		0	N.D. d		
40) 2-Methylnaphthalene	0.000		0	N.D. d		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	9.501	163	8682M6	0.165	ug/ml	
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D. d		
59) Caprolactam	0.000		0	N.D. d		
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D. d		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	10.189	149	7547	0.150	ug/ml	96
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D. d		
89) Anthracene	0.000		0	N.D. d		
90) Carbazole	0.000		0	N.D. d		
91) Di-n-butylphthalate	0.000		0	N.D. d		
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D. d		

Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 12:19:50 2019
Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Jun 12 06:33:02 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\190612LVI\ABN0612b.D
: 2 - I:\8270\SV107\190612LVI\ADP0612.D
: 3 - I:\8270\SV107\190612LVI\AP90612.D
Sub List : NJLiq_combo - NJTCL+7 Additional

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
106)	Chrysene	0.000		0	N.D.	d	
107)	Bis(2-ethylhexyl)phtha...	13.883	149	7165	0.755	ug/ml#	97
108)	Di-n-octylphthalate	0.000		0	N.D.	d	
115)	Benzo(ghi)perylene	0.000		0	N.D.		

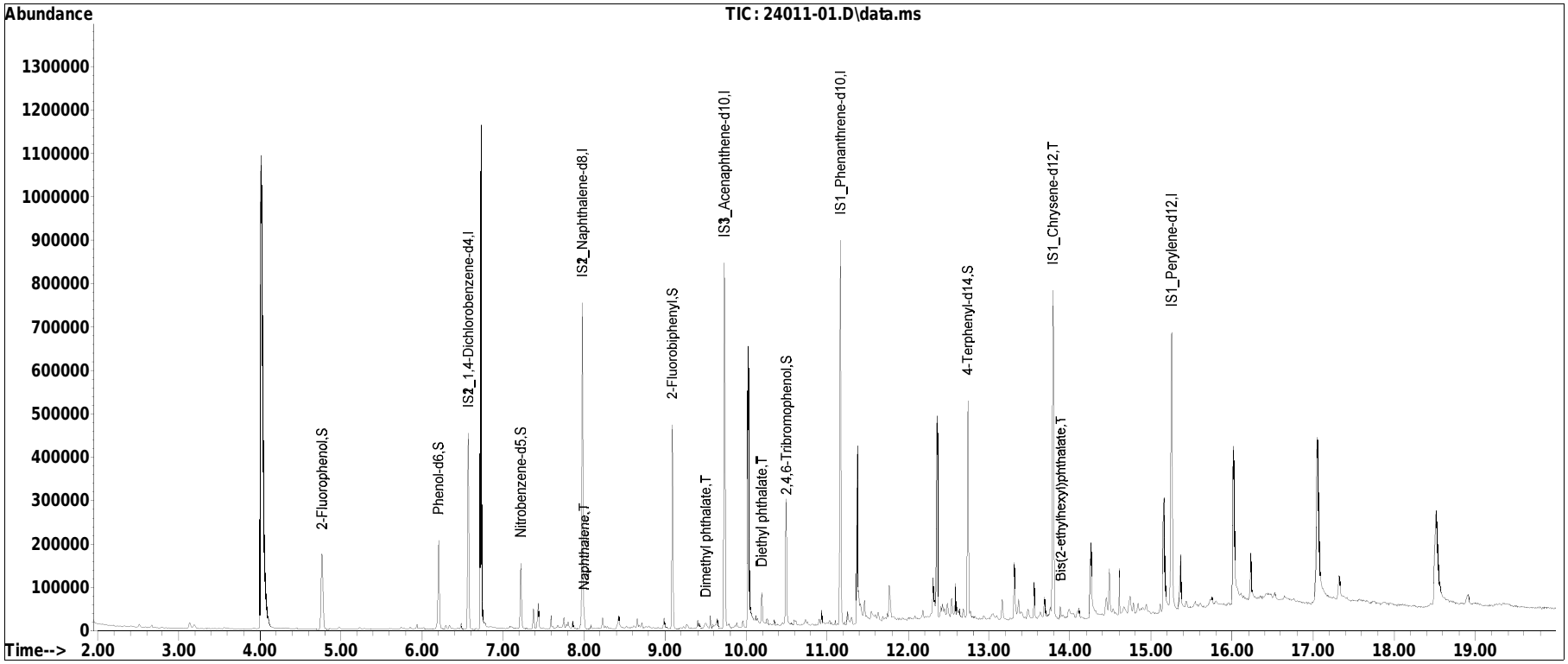
(#) = qualifier out of range (m) = manual integration (+) = signals summed

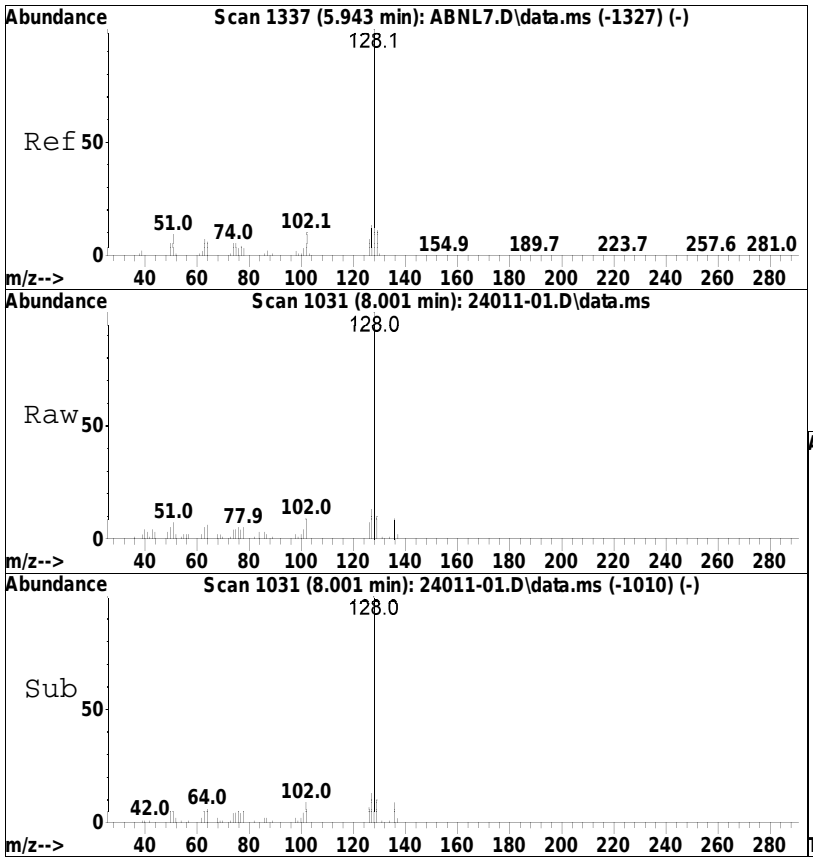
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 12:19:50 2019
Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Jun 12 06:33:02 2019
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional612.D••

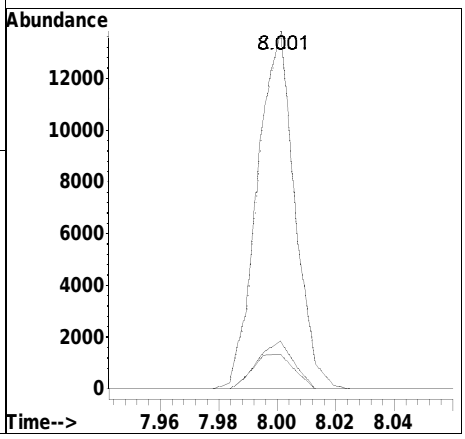


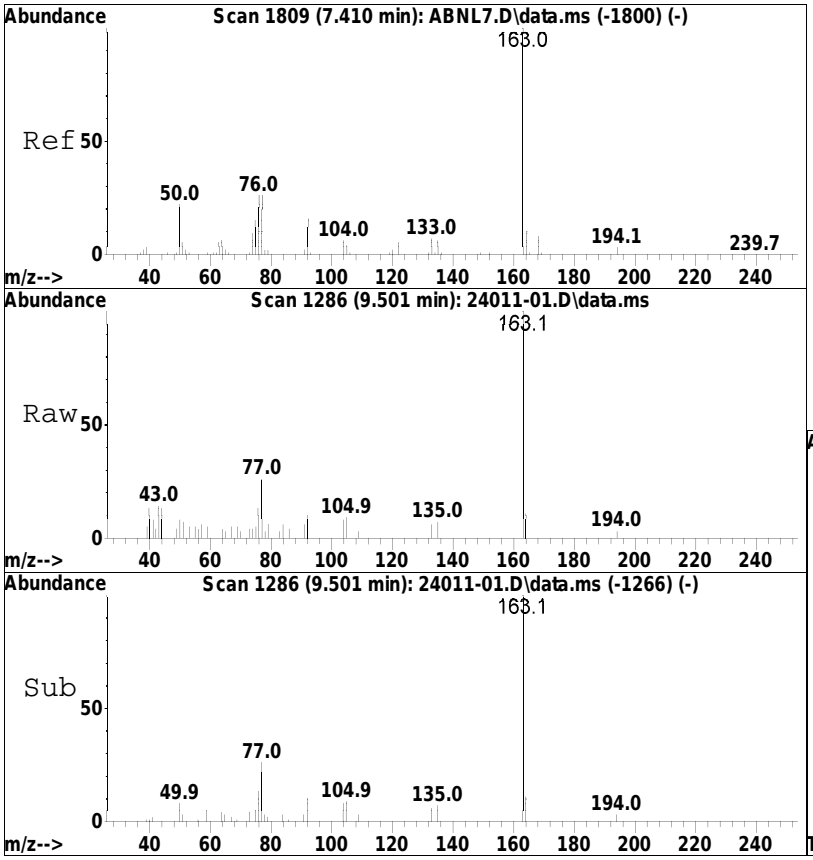


#35
Naphthalene
Concen: 0.15 ug/ml
RT: 8.001 min Scan# 1031
Delta R.T. 0.000 min
Lab File: 24011-01.D
Acq: 12 Jun 2019 6:14 am

Tgt Ion:128 Resp: 12174

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.1	10.3	15.5

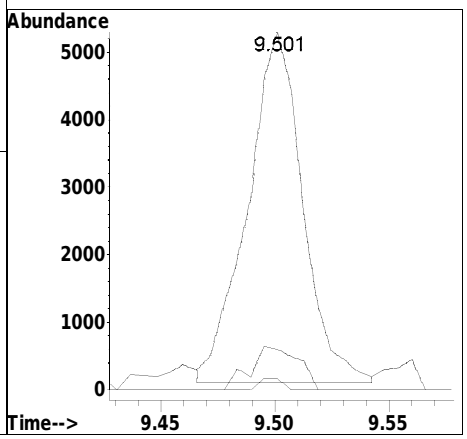


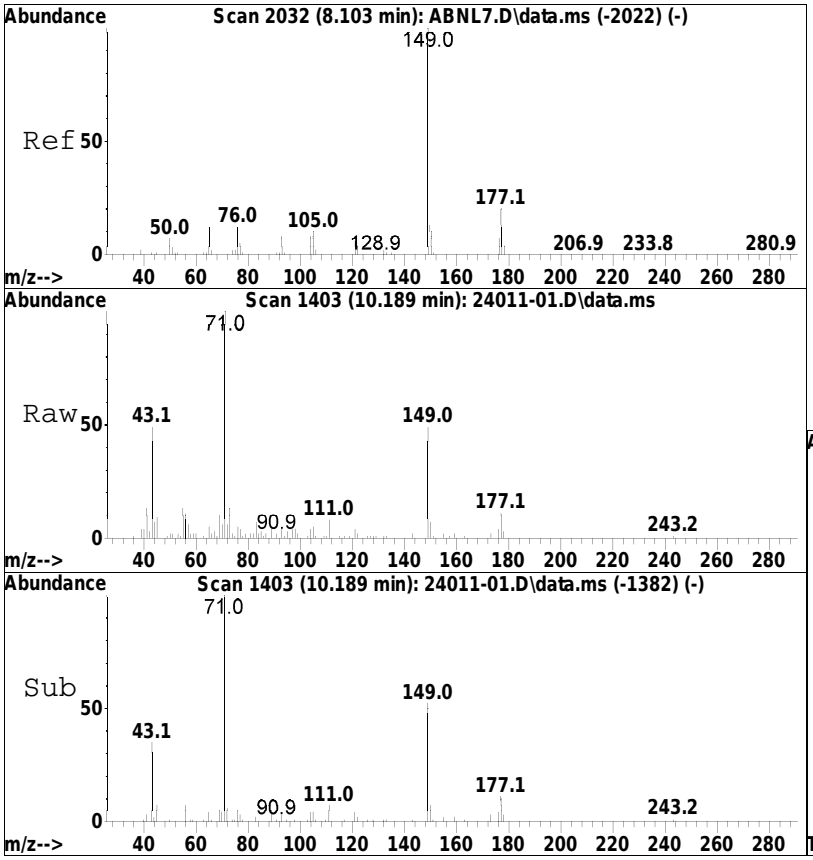


#50
Dimethyl phthalate
Concen: 0.17 ug/ml M6
RT: 9.501 min Scan# 1286
Delta R.T. -0.006 min
Lab File: 24011-01.D
Acq: 12 Jun 2019 6:14 am

Tgt Ion:163 Resp: 8682

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.5	5.3#
164	10.7	7.9	11.9

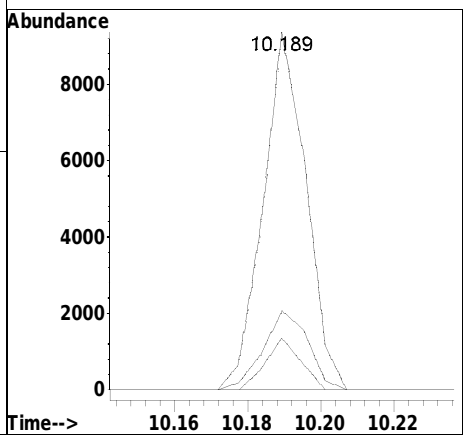


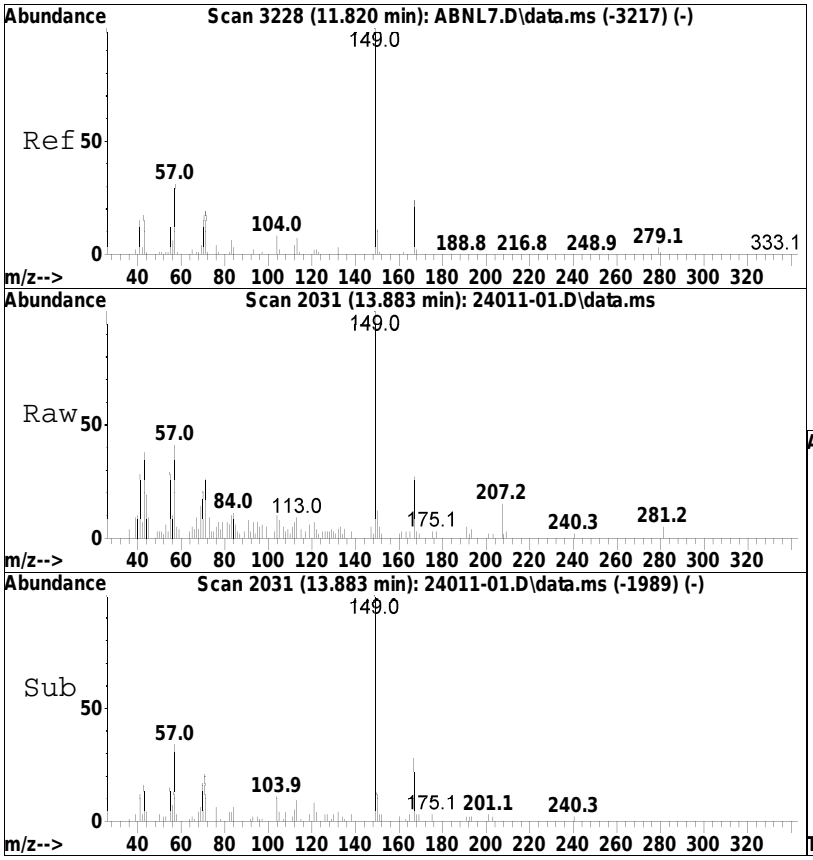


#71
Diethyl phthalate
Concen: 0.15 ug/ml
RT: 10.189 min Scan# 1403
Delta R.T. 0.000 min
Lab File: 24011-01.D
Acq: 12 Jun 2019 6:14 am

Tgt Ion:149 Resp: 7547

Ion	Ratio	Lower	Upper
149	100		
177	23.2	16.1	24.1
150	11.9	9.4	14.2

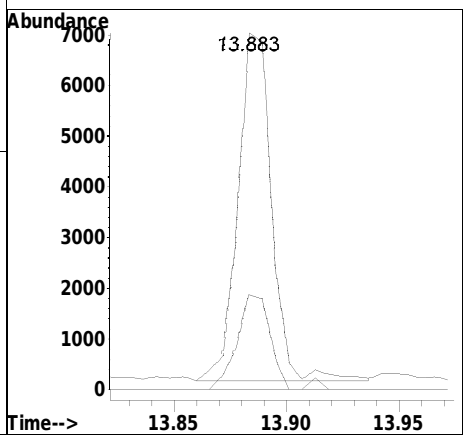




#107
Bis(2-ethylhexyl)phthalate
Concen: 0.76 ug/ml
RT: 13.883 min Scan# 2031
Delta R.T. -0.006 min
Lab File: 24011-01.D
Acq: 12 Jun 2019 6:14 am

Tgt Ion:149 Resp: 7165

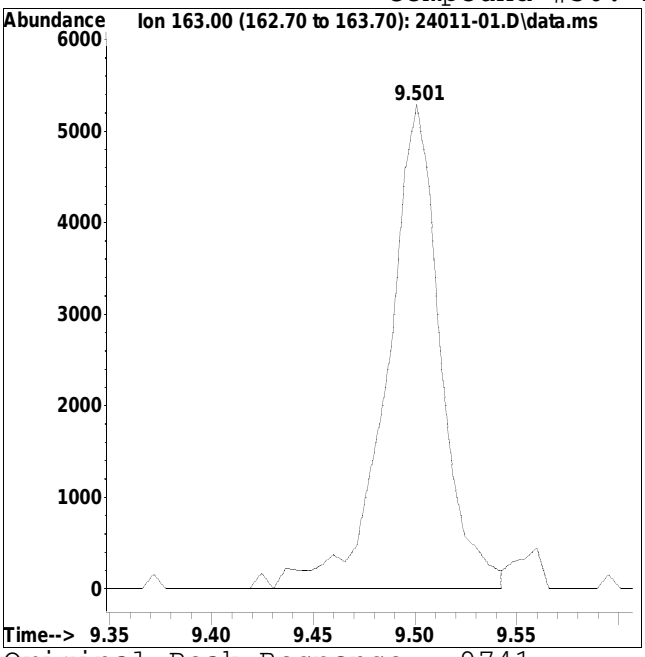
Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.1	33.1
279	0.0	3.0	4.4#



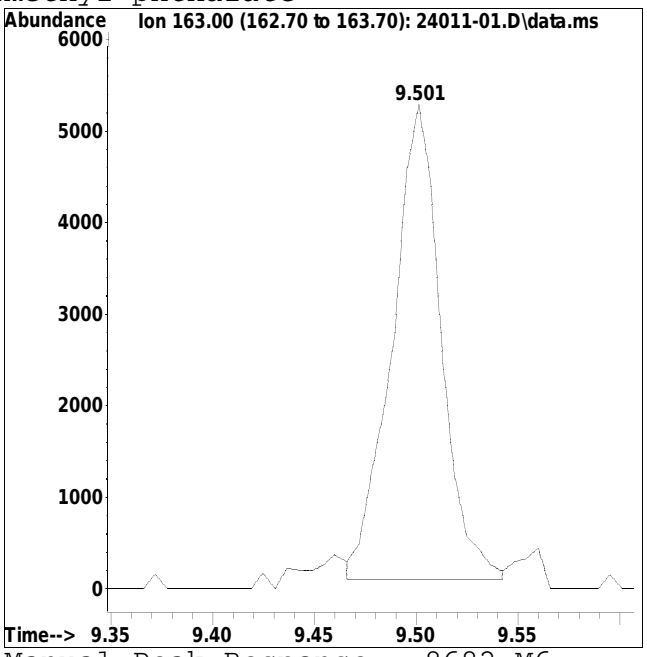
Manual Integration Report

Data Path	: I:\8270\SV107\190612LVI\	QMethod	: FS19531SV107.m
Data File	: 24011-01.D	Operator	: SV107:sz
Date Inj'd	: 6/12/2019 6:14 am	Instrument	: SV 107
Sample	: 11924011-01,32,,nj,eh	Quant Date	: 6/12/2019 6:33 am

Compound #50: Dimethyl phthalate



Original Peak Response = 9741



Manual Peak Response = 8682 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

LSC Area Percent Report

Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : 11924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 24011-01.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.013	349	353	384	rVB	1090174	2374697	100.00%	14.480%
2	4.760	475	480	491	rBV	174066	254778	10.73%	1.554%
3	6.207	719	726	731	rBV	204104	214963	9.05%	1.311%
4	6.572	783	788	796	rVB	451967	467725	19.70%	2.852%
5	6.725	811	814	827	rBV	1158983	1085549	45.71%	6.619%
6	7.219	894	898	904	rVB	149508	143444	6.04%	0.875%
7	7.372	920	924	930	rBV	44549	40401	1.70%	0.246%
8	7.437	930	935	940	rBV	56412	63866	2.69%	0.389%
9	7.595	957	962	964	rBV2	30078	27988	1.18%	0.171%
10	7.748	982	988	992	rVV2	21841	27294	1.15%	0.166%
11	7.978	1024	1027	1035	rVB	751499	675371	28.44%	4.118%
12	8.231	1064	1070	1074	rBV	24466	26805	1.13%	0.163%
13	8.431	1097	1104	1111	rBV3	30518	53915	2.27%	0.329%
14	8.984	1194	1198	1204	rBV2	22820	32915	1.39%	0.201%
15	9.089	1213	1216	1226	rVB	471035	414621	17.46%	2.528%
16	9.495	1280	1285	1293	rBV	12306	25798	1.09%	0.157%
17	9.554	1293	1295	1299	rVB2	29684	27332	1.15%	0.167%
18	9.642	1304	1310	1315	rVB3	19279	26341	1.11%	0.161%
19	9.731	1321	1325	1329	rBV	842160	751180	31.63%	4.580%
20	10.025	1370	1375	1387	rBV	647161	798516	33.63%	4.869%
21	10.189	1400	1403	1410	rVV2	72198	69763	2.94%	0.425%
22	10.495	1451	1455	1459	rBV	286863	258027	10.87%	1.573%
23	10.931	1527	1529	1532	rVV	31613	25504	1.07%	0.156%
24	11.166	1565	1569	1575	rBV	886499	795595	33.50%	4.851%
25	11.260	1581	1585	1590	rBV5	30185	44087	1.86%	0.269%
26	11.372	1600	1604	1607	rBV	408612	390026	16.42%	2.378%
27	11.472	1618	1621	1623	rVB	37321	31918	1.34%	0.195%
28	11.554	1632	1635	1641	rBV3	16124	27662	1.16%	0.169%

LSC Area Percent Report

Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : 11924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	11.630	1646	1648	1656	rVB2	20066	26765	1.13%	0.163%
30	11.766	1669	1671	1676	rVB2	73492	89244	3.76%	0.544%
31	12.301	1755	1762	1768	rBV2	89830	158733	6.68%	0.968%
32	12.360	1768	1772	1777	rVB	464705	460047	19.37%	2.805%
33	12.430	1782	1784	1786	rVV	29756	28741	1.21%	0.175%
34	12.483	1791	1793	1799	rVV	31976	36291	1.53%	0.221%
35	12.536	1799	1802	1805	rVV	42730	47259	1.99%	0.288%
36	12.577	1806	1809	1812	rVV	76624	69474	2.93%	0.424%
37	12.607	1812	1814	1816	rVV2	23292	24186	1.02%	0.147%
38	12.736	1832	1836	1839	rVV	499130	442408	18.63%	2.698%
39	13.054	1883	1890	1894	rBV6	12859	33322	1.40%	0.203%
40	13.160	1905	1908	1913	rVB2	44312	46558	1.96%	0.284%
41	13.307	1930	1933	1939	rBV	127764	172707	7.27%	1.053%
42	13.366	1939	1943	1946	rVV2	43515	55388	2.33%	0.338%
43	13.483	1959	1963	1971	rBV	22097	34992	1.47%	0.213%
44	13.554	1972	1975	1980	rVB	82404	76887	3.24%	0.469%
45	13.630	1983	1988	1993	rBV2	14825	26980	1.14%	0.165%
46	13.683	1993	1997	2002	rBV	44835	53350	2.25%	0.325%
47	13.760	2007	2010	2012	rVV2	22964	25731	1.08%	0.157%
48	13.789	2012	2015	2027	rVB	756472	796584	33.54%	4.857%
49	13.883	2028	2031	2034	rBV	26556	26062	1.10%	0.159%
50	13.995	2046	2050	2057	rBV4	14391	27303	1.15%	0.166%
51	14.107	2063	2069	2074	rBV3	22097	36407	1.53%	0.222%
52	14.254	2090	2094	2104	rBV	174165	286154	12.05%	1.745%
53	14.448	2122	2127	2130	rBV3	41366	61847	2.60%	0.377%
54	14.483	2130	2133	2138	rVV	104164	105378	4.44%	0.643%
55	14.607	2150	2154	2158	rBV	106795	109115	4.59%	0.665%
56	14.666	2162	2164	2172	rVV5	17348	35116	1.48%	0.214%
57	14.742	2172	2177	2181	rVV3	40465	70940	2.99%	0.433%
58	14.783	2181	2184	2187	rVB	24383	25583	1.08%	0.156%
59	14.848	2192	2195	2198	rBV2	20803	24431	1.03%	0.149%
60	15.160	2243	2248	2258	rVV	262763	410524	17.29%	2.503%

LSC Area Percent Report

Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : 11924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Title : Semivolatiles by GC/MS by modified 8270

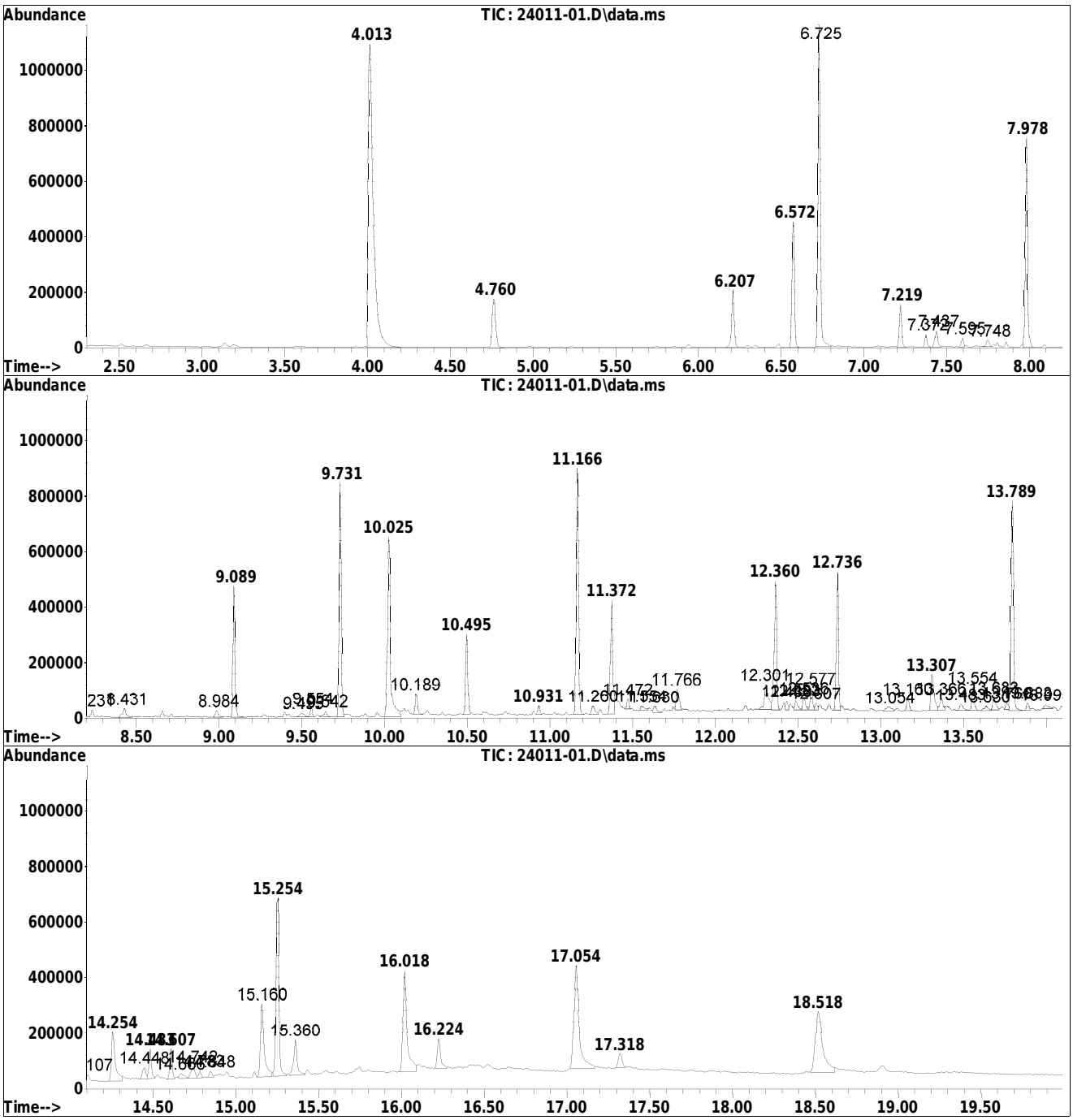
61	15.254	2259	2264	2273	rVV	641300	757021	31.88%	4.616%
62	15.360	2276	2282	2292	rVV	124964	183069	7.71%	1.116%
63	16.018	2389	2394	2406	rBV	364639	637051	26.83%	3.885%
64	16.224	2425	2429	2438	rBV	105075	147380	6.21%	0.899%
65	17.054	2564	2570	2590	rBV	370679	815053	34.32%	4.970%
66	17.318	2611	2615	2621	rBV	50409	83055	3.50%	0.506%
67	18.518	2811	2819	2836	rBV2	216881	676338	28.48%	4.124%

Sum of corrected areas: 16399555

Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

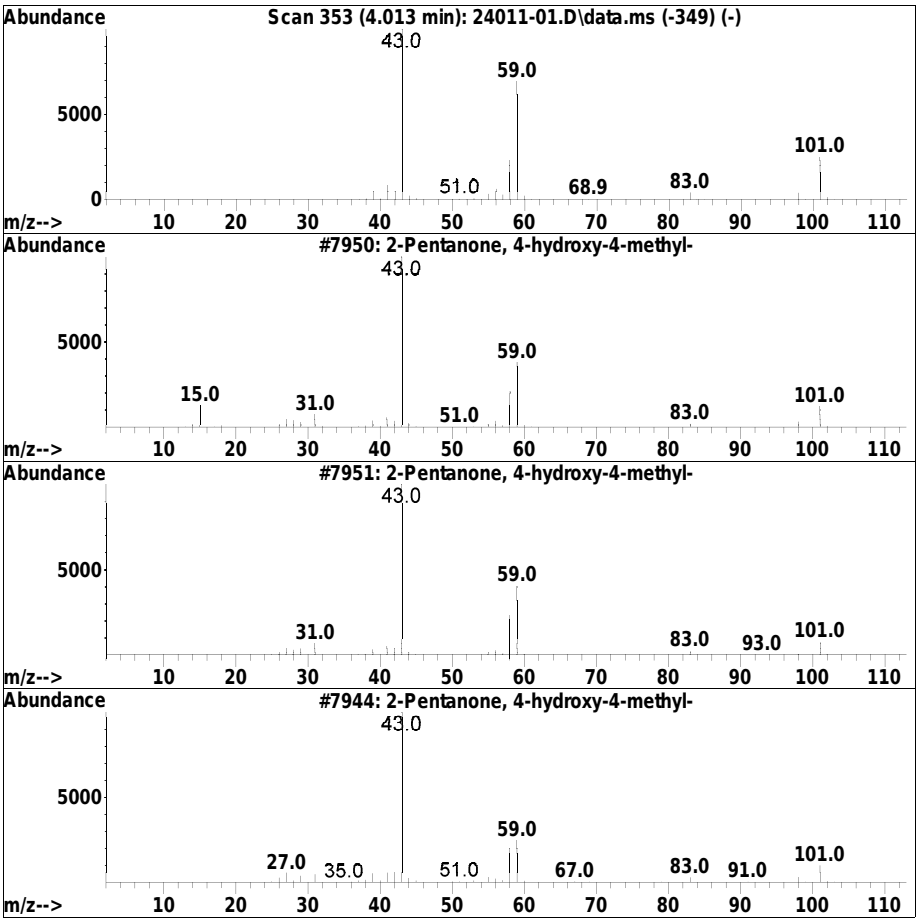
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

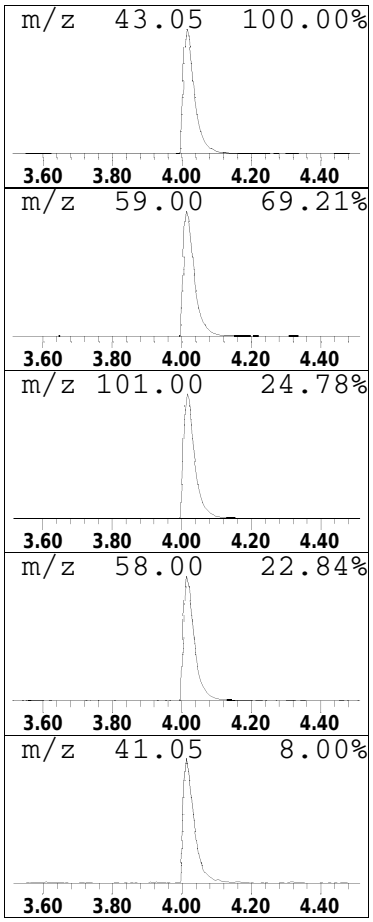
****

Peak Number 1 Aldol Condensates Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.013	20.31 ug/ml	2374700	IS2_1,4-Dichlorobenzene-d4	6.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	Guanidine	59	CH5N3	000113-00-8	38
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12





Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

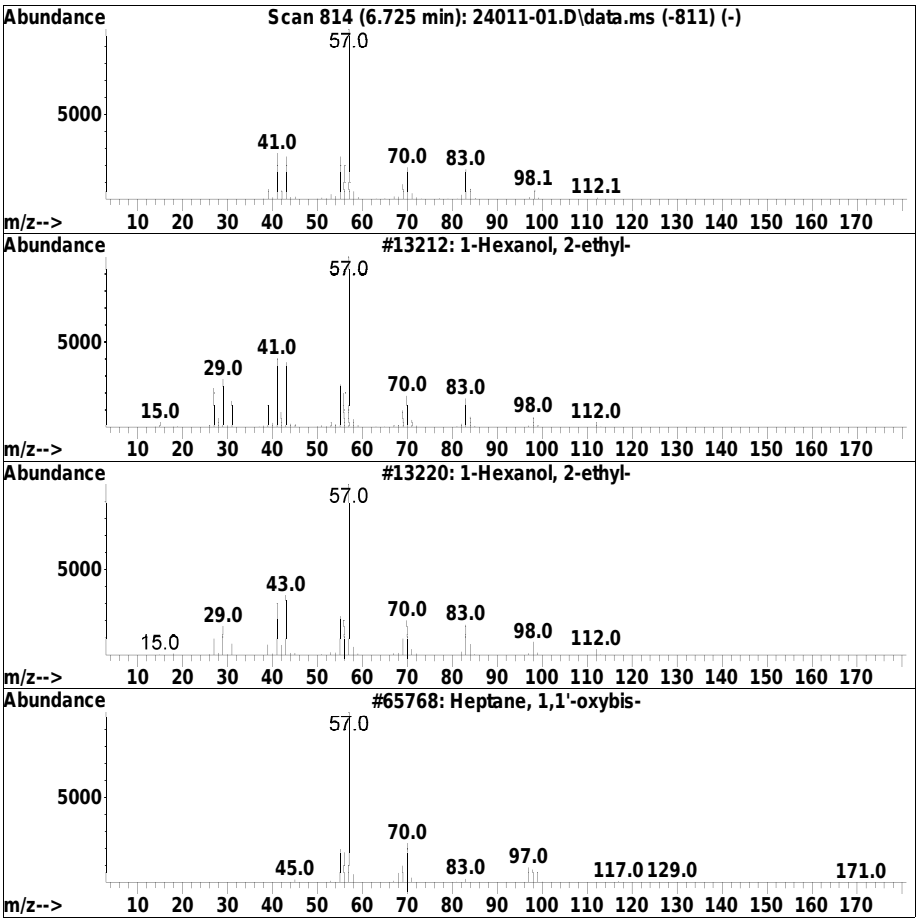
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

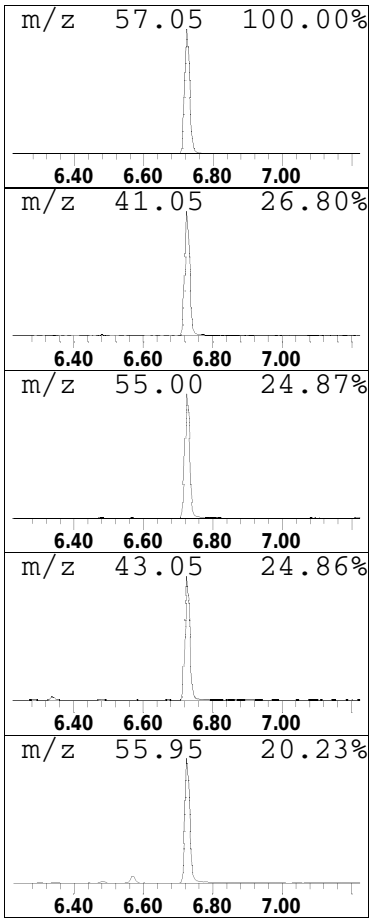
****

Peak Number 2 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.725	9.28 ug/ml	1085550	IS3_1,4-Dichlorobenzene-d4	6.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	45
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	43
5	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	42





Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

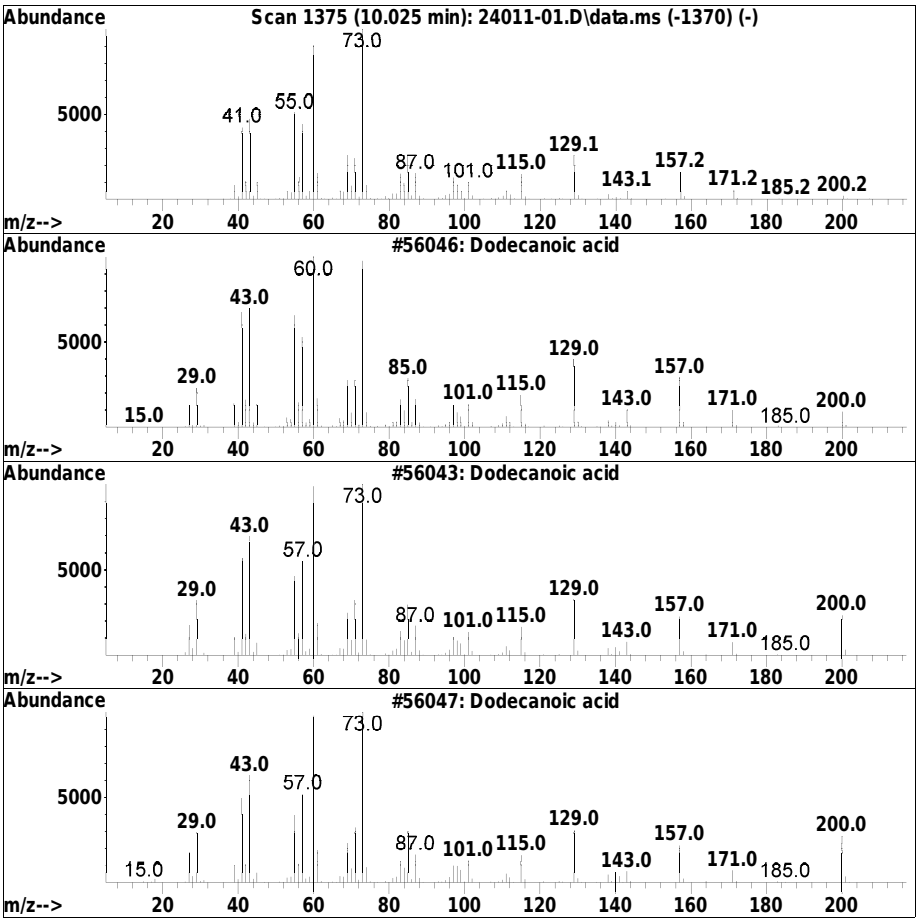
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

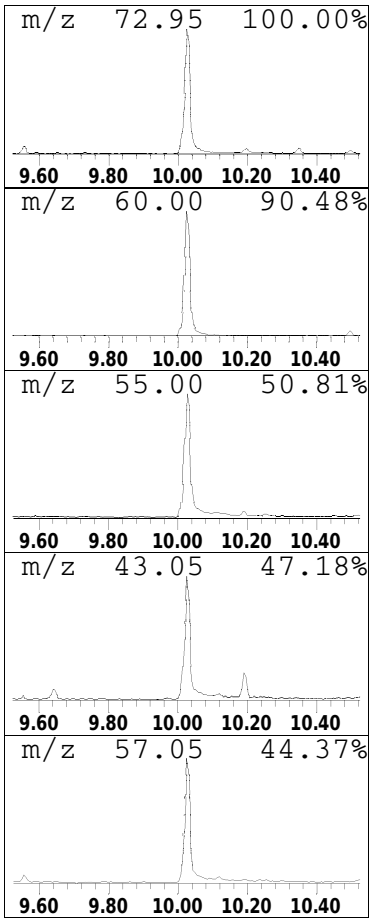
****

Peak Number 3 Unknown Organic Acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.025	4.25 ug/ml	798516	IS3_Acenaphthene-d10	9.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	95
3	Dodecanoic acid	200	C12H24O2	000143-07-7	94
4	Dodecanoic acid	200	C12H24O2	000143-07-7	93
5	Undecanoic acid	186	C11H22O2	000112-37-8	80





Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

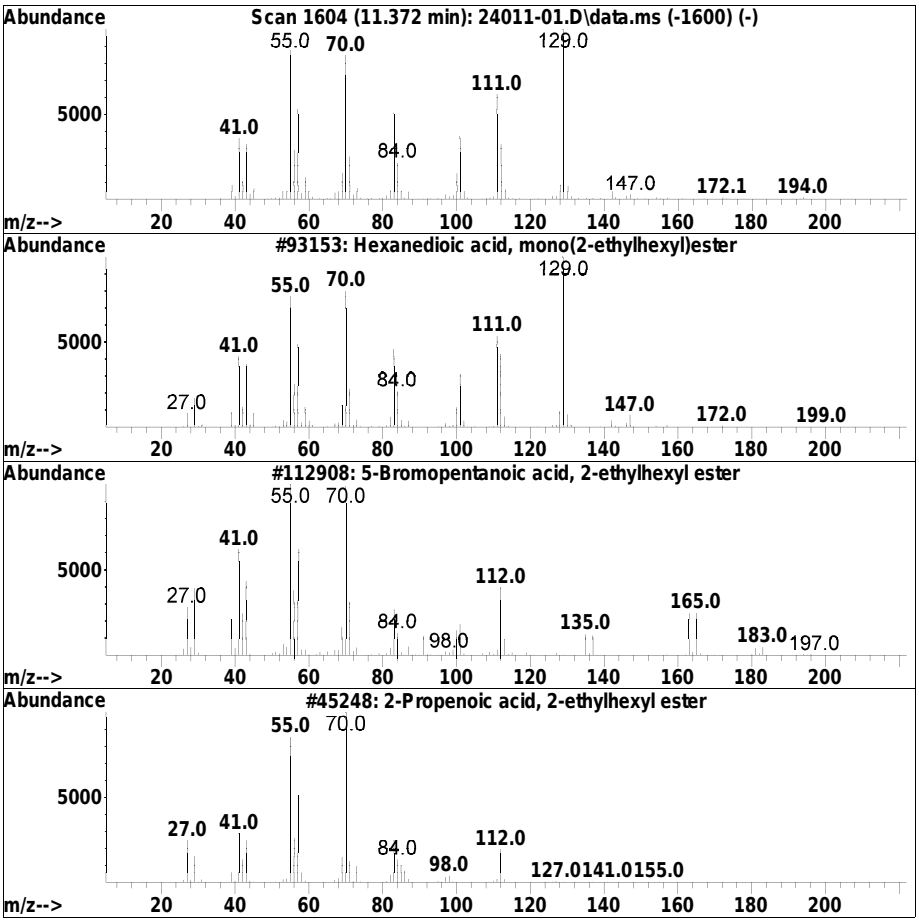
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

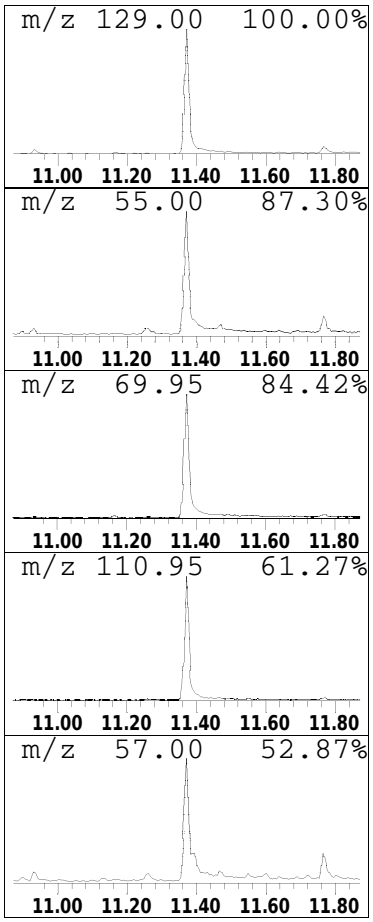
****

Peak Number 4 Unknown Organic Acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.372	1.96 ug/ml	390026	IS3_Phenanthrene-d10	11.166

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	91
2	5-Bromopentanoic acid, 2-ethylhe...	292	C13H25BrO2	1000293-55-4	35
3	2-Propenoic acid, 2-ethylhexyl e...	184	C11H20O2	000103-11-7	27
4	5-Undecene, 3-methyl-, (Z)-	168	C12H24	074630-64-1	27
5	5-Ethyl-1-nonene	154	C11H22	019780-74-6	27





Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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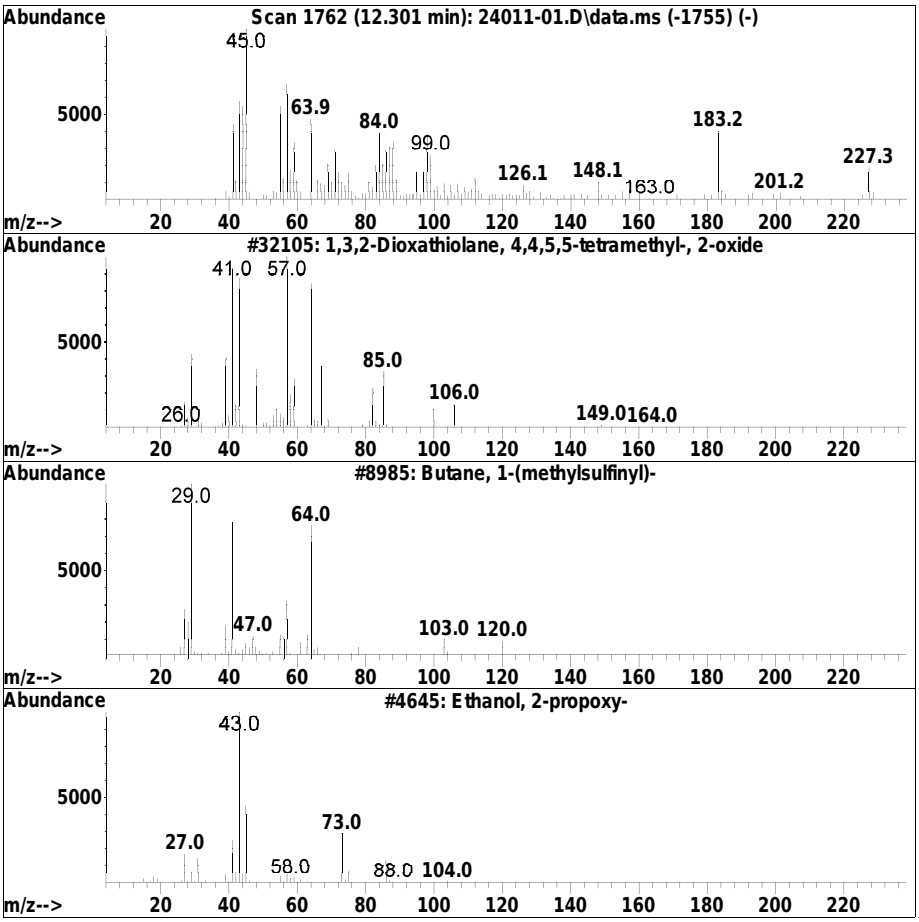
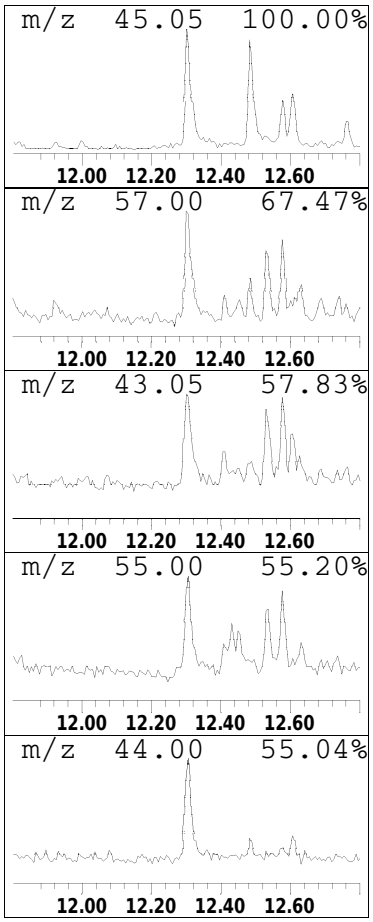
Peak Number 5 Unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.301	0.80 ug/ml	158733	IS3_Phenanthrene-d10	11.166

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,2-Dioxathiolane, 4,4,5,5-tet...	164	C6H12O3S	019424-26-1	16
2	Butane, 1-(methylsulfinyl)-	120	C5H12OS	002976-98-9	12
3	Ethanol, 2-propoxy-	104	C5H12O2	002807-30-9	10
4	2-Undecanol	172	C11H24O	001653-30-1	10
5	Methoxyacetic acid, 3-tridecyl e...	272	C16H32O3	1000282-04-6	10





Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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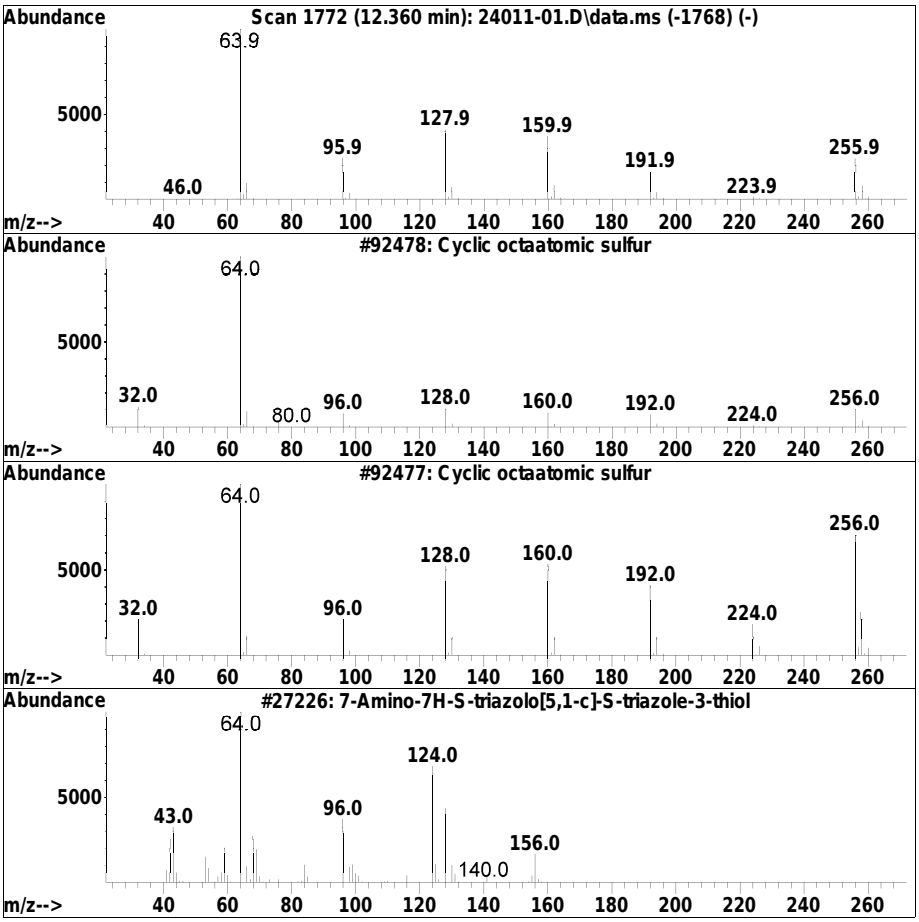
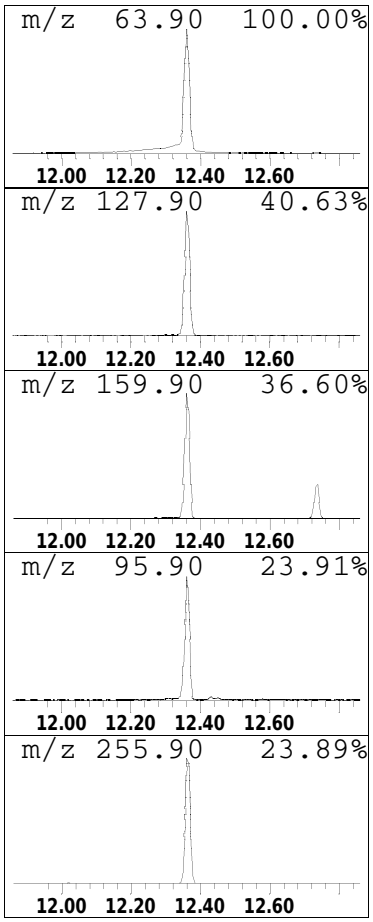
Peak Number 6 Cyclic octaatomic sulfur Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.360	2.31 ug/ml	460047	IS3_Phenanthrene-d10	11.166

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	95
2	Cyclic octaatomic sulfur	256	S8	010544-50-0	94
3	7-Amino-7H-S-triazolo[5,1-c]-S-t...	156	C3H4N6S	013728-28-4	9
4	Methanethiol, N-(p-methoxyphenet...	304	C11H16N2O4S2	040283-94-1	9
5	2-Benzimidazolyl methane thiosul...	244	C8H8N2O3S2	1000256-39-2	9





Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

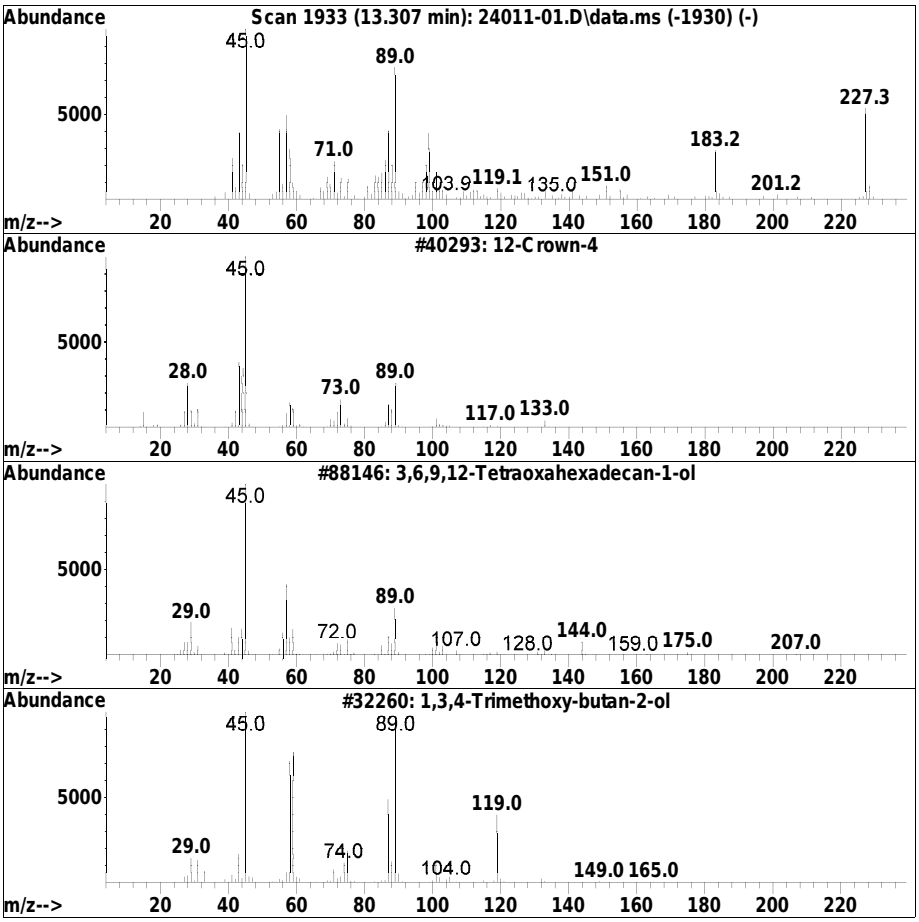
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

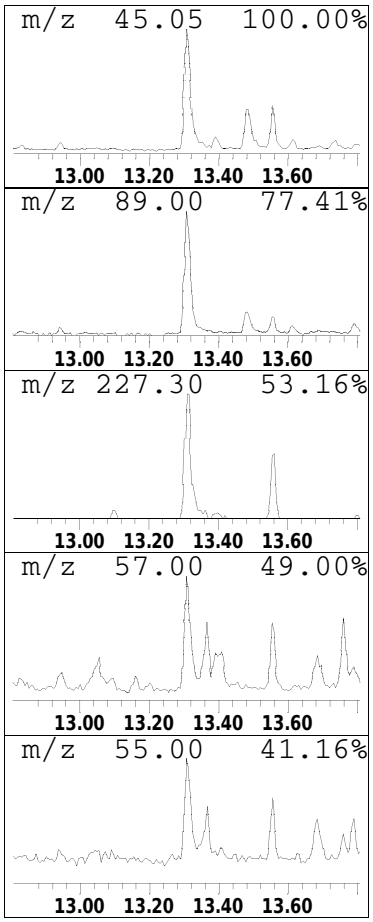
****

Peak Number 7 Unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.307	0.87 ug/ml	172707	IS1_Chrysene-d12	13.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Crown-4	176	C8H16O4	000294-93-9	59
2	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	53
3	1,3,4-Trimethoxy-butan-2-ol	164	C7H16O4	033469-04-4	45
4	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	45
5	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	43





Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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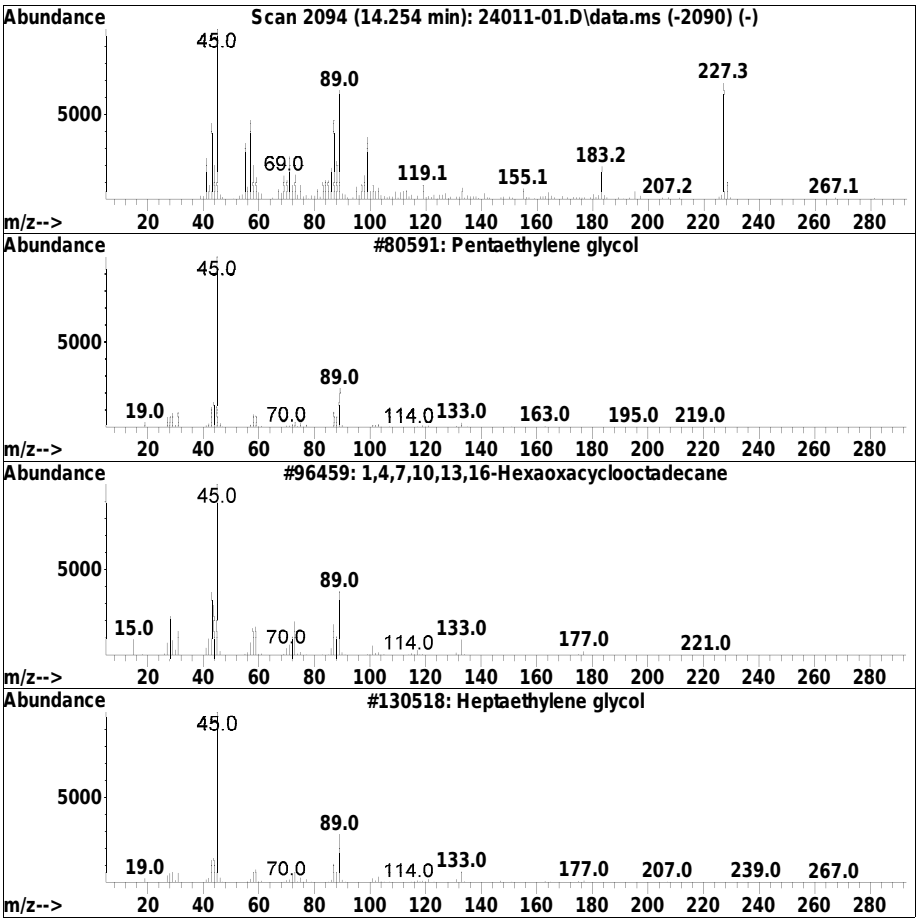
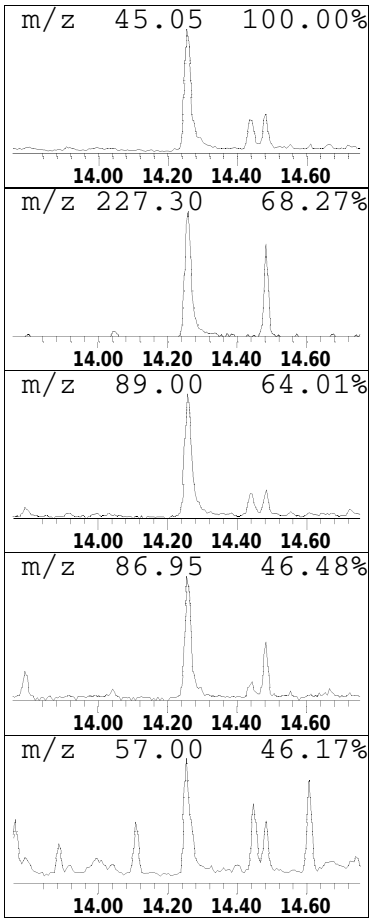
Peak Number 8 Unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.254	1.44 ug/ml	286154	IS1_Chrysene-d12	13.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol	238	C10H22O6	004792-15-8	43
2	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	27
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	27
4	4-Octanol, 4-methyl-	144	C9H20O	023418-37-3	27
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	22





Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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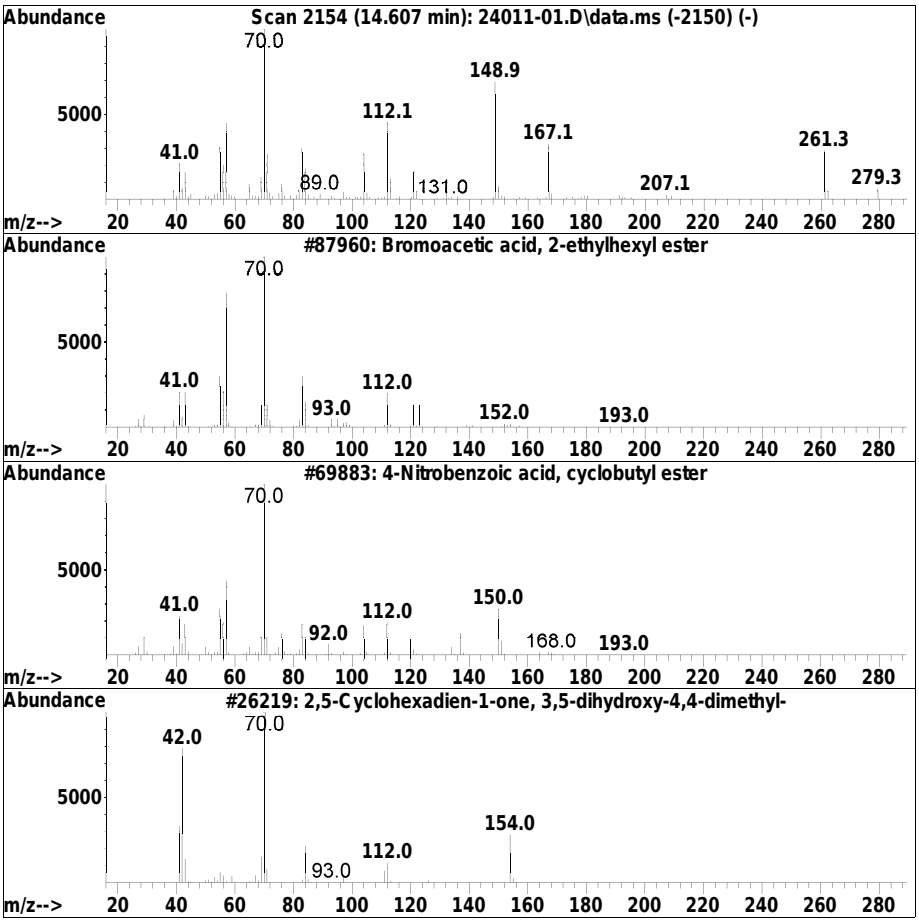
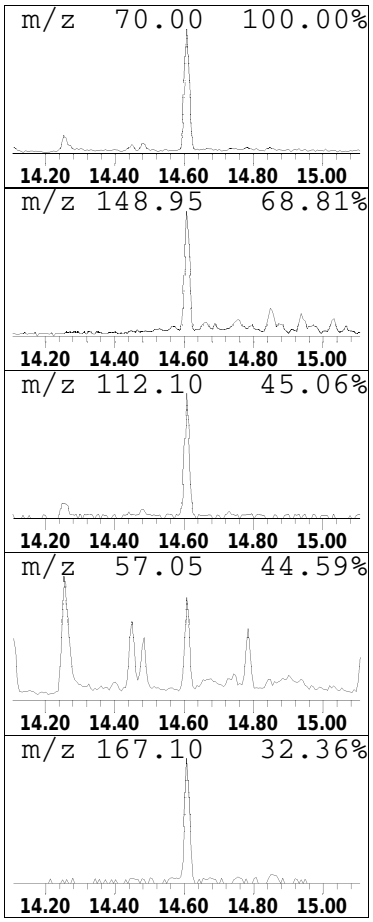
Peak Number 9 Unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.607	0.58 ug/ml	109115	IS1_Perylene-d12	15.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	25
2	4-Nitrobenzoic acid, cyclobutyl ...	221	C11H11NO4	070335-00-1	25
3	2,5-Cyclohexadien-1-one, 3,5-dih...	154	C8H10O3	002065-00-1	22
4	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	22
5	Proline	115	C5H9NO2	000147-85-3	18





Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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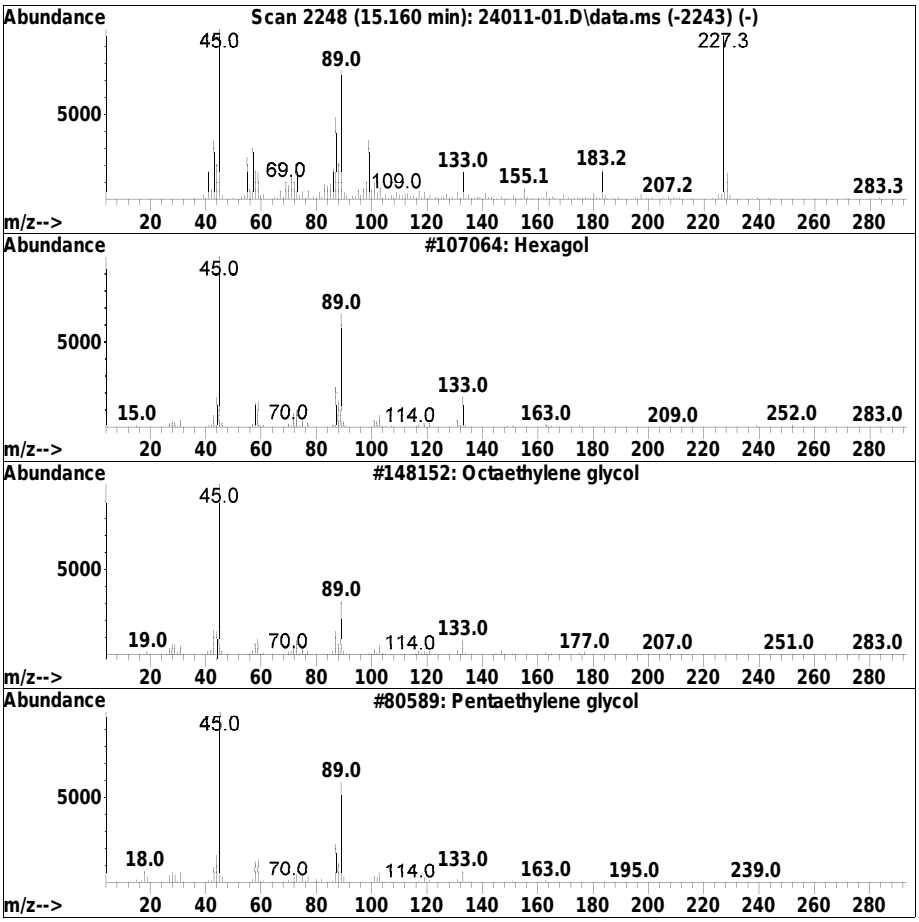
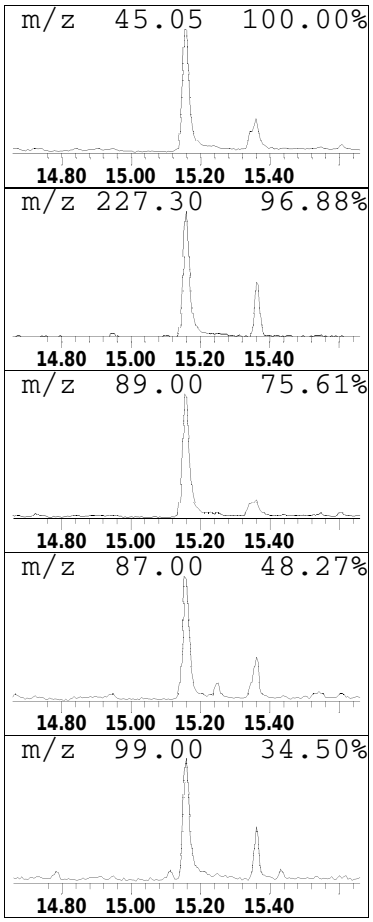
Peak Number 10 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.160	2.17 ug/ml	410524	IS1_Perylene-d12	15.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexagol	282	C12H26O7	002615-15-8	64
2	Octaethylene glycol	370	C16H34O9	1000289-34-2	64
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	64
4	Hexagol	282	C12H26O7	002615-15-8	59
5	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	50





Library Search Compound Report

Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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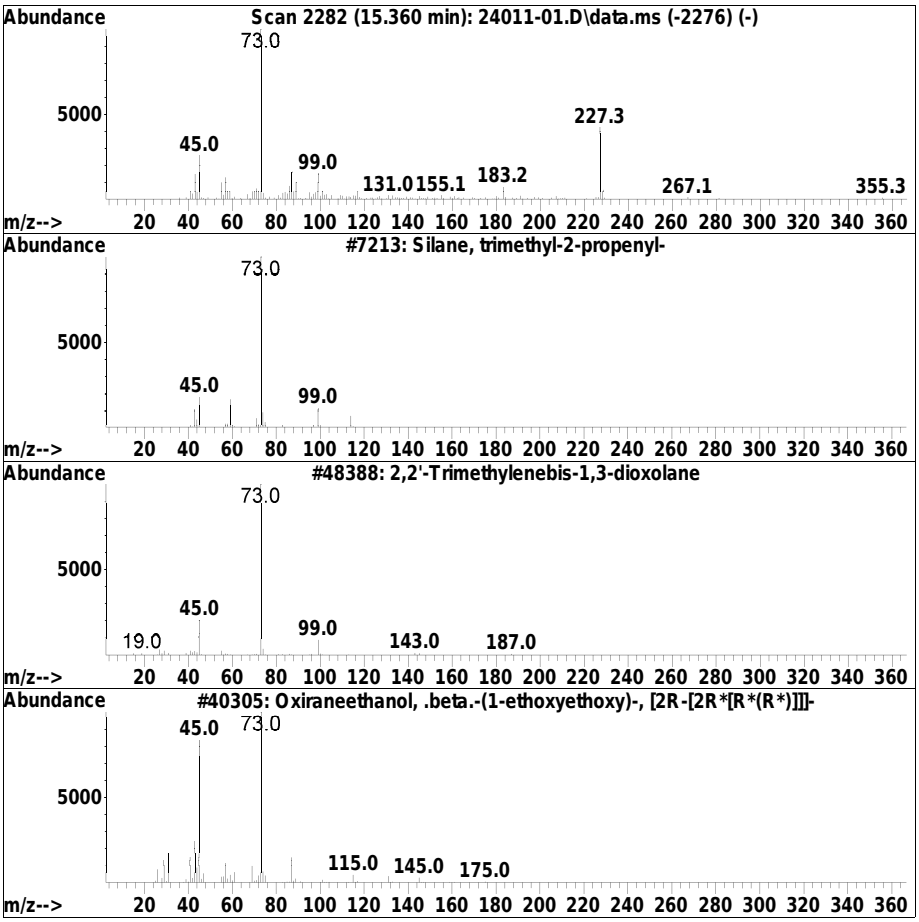
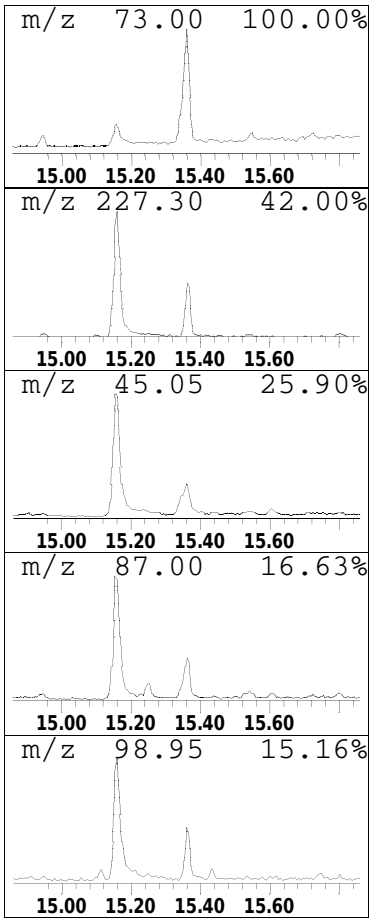
Peak Number 11 Unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	0.97 ug/ml	183069	IS1_Perylene-d12	15.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trimethyl-2-propenyl-	114	C6H14Si	000762-72-1	27
2	2,2'-Trimethylenebis-1,3-dioxolane	188	C9H16O4	006543-04-0	27
3	Oxiraneethanol, .beta.-(1-ethoxy...	176	C8H16O4	109613-58-3	16
4	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	16
5	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	14





Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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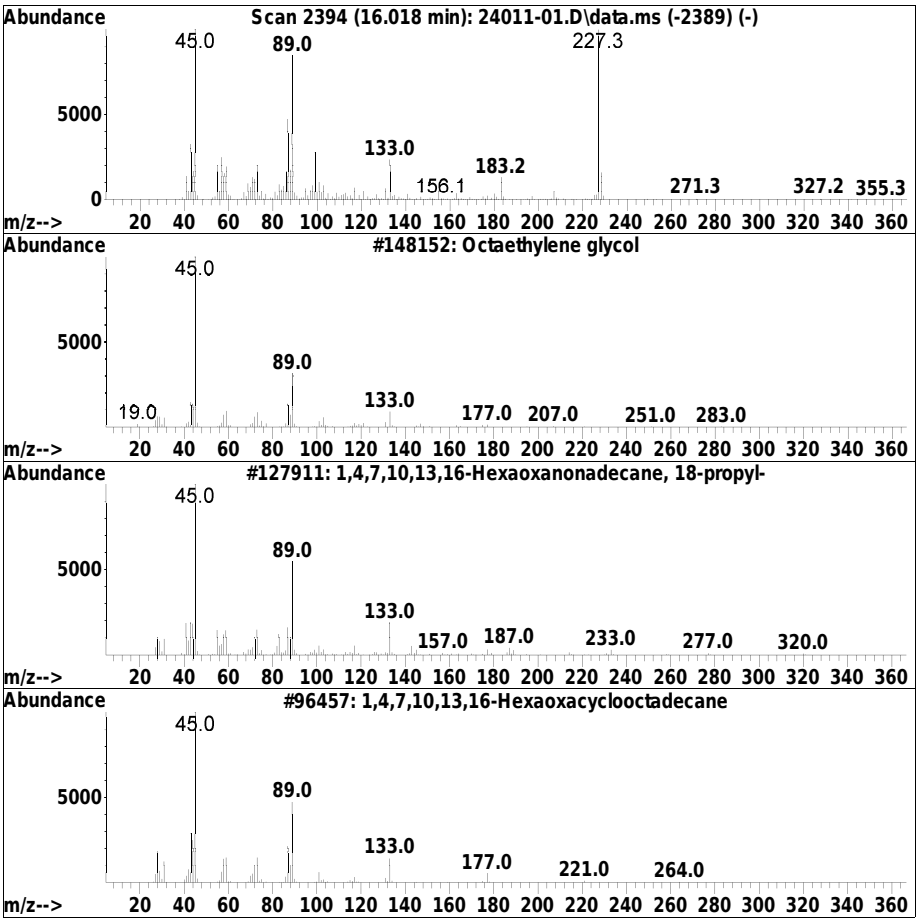
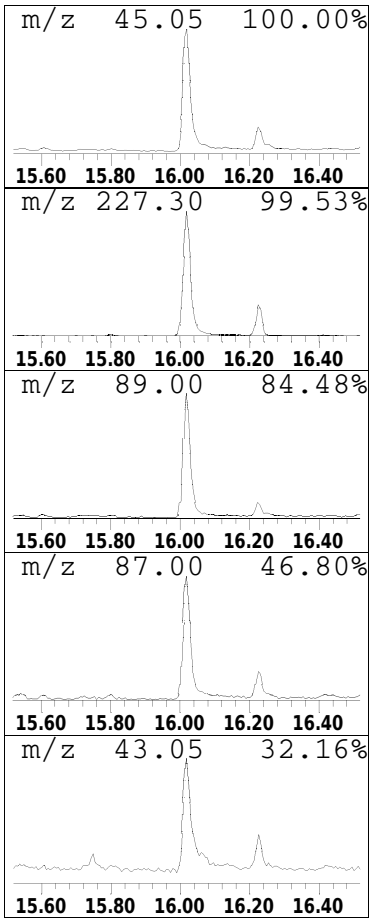
Peak Number 12 Unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.018	3.37 ug/ml	637051	IS1_Perylene-d12	15.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octaethylene glycol	370	C16H34O9	1000289-34-2	74
2	1,4,7,10,13,16-Hexaoxanonadecane...	320	C16H32O6	1000163-65-3	59
3	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	59
4	15-Crown-5	220	C10H20O5	033100-27-5	59
5	Hexagol	282	C12H26O7	002615-15-8	58





Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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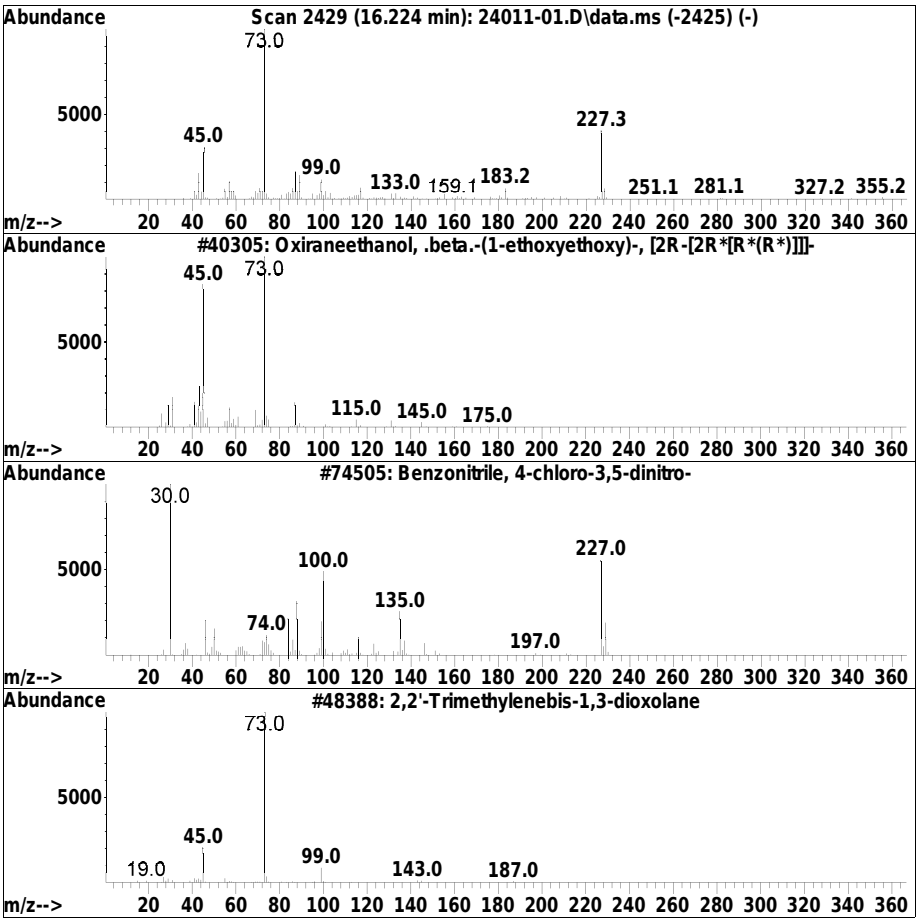
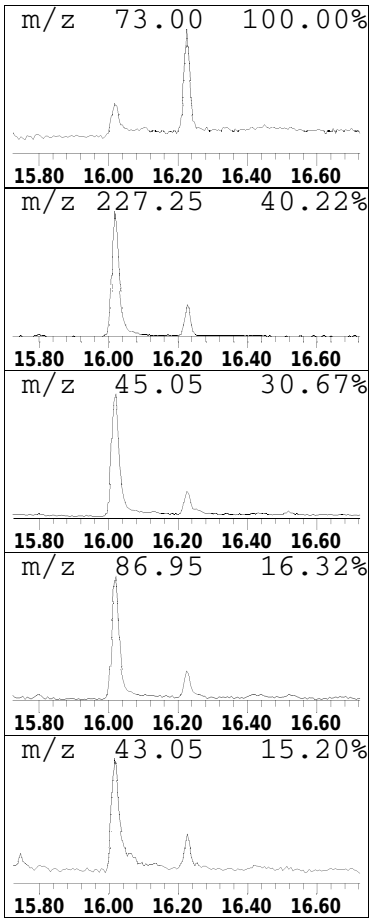
Peak Number 13 Unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.224	0.78 ug/ml	147380	IS1_Perylene-d12	15.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxiraneethanol, .beta.-(1-ethoxy...	176	C8H16O4	109613-58-3	16
2	Benzonitrile, 4-chloro-3,5-dinitro-	227	C7H2ClN3O4	001930-72-9	16
3	2,2'-Trimethylenebis-1,3-dioxolane	188	C9H16O4	006543-04-0	16
4	2,2'-Trimethylenebis-1,3-dioxolane	188	C9H16O4	006543-04-0	16
5	1,3-Dioxolane, 2-ethyl-	102	C5H10O2	002568-96-9	14





Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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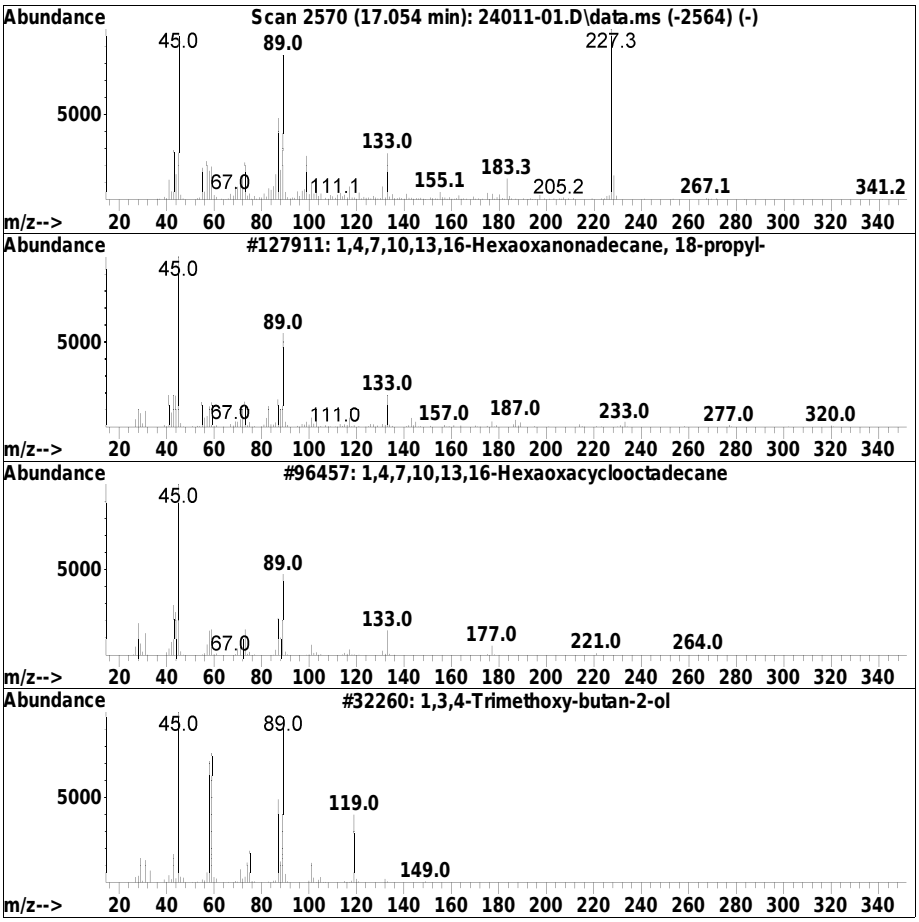
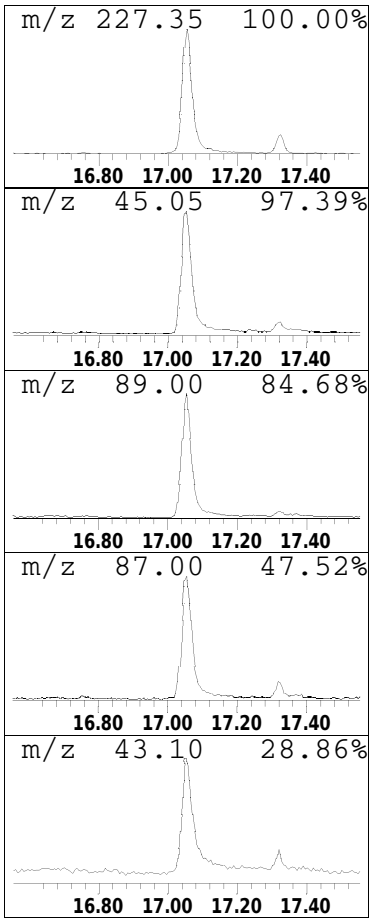
Peak Number 14 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.054	4.31 ug/ml	815053	IS1_Perylene-d12	15.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16-Hexaoxanonadecane...	320	C16H32O6	1000163-65-3	59
2	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	53
3	1,3,4-Trimethoxy-butan-2-ol	164	C7H16O4	033469-04-4	53
4	Octaethylene glycol	370	C16H34O9	1000289-34-2	50
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	47





Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : l1924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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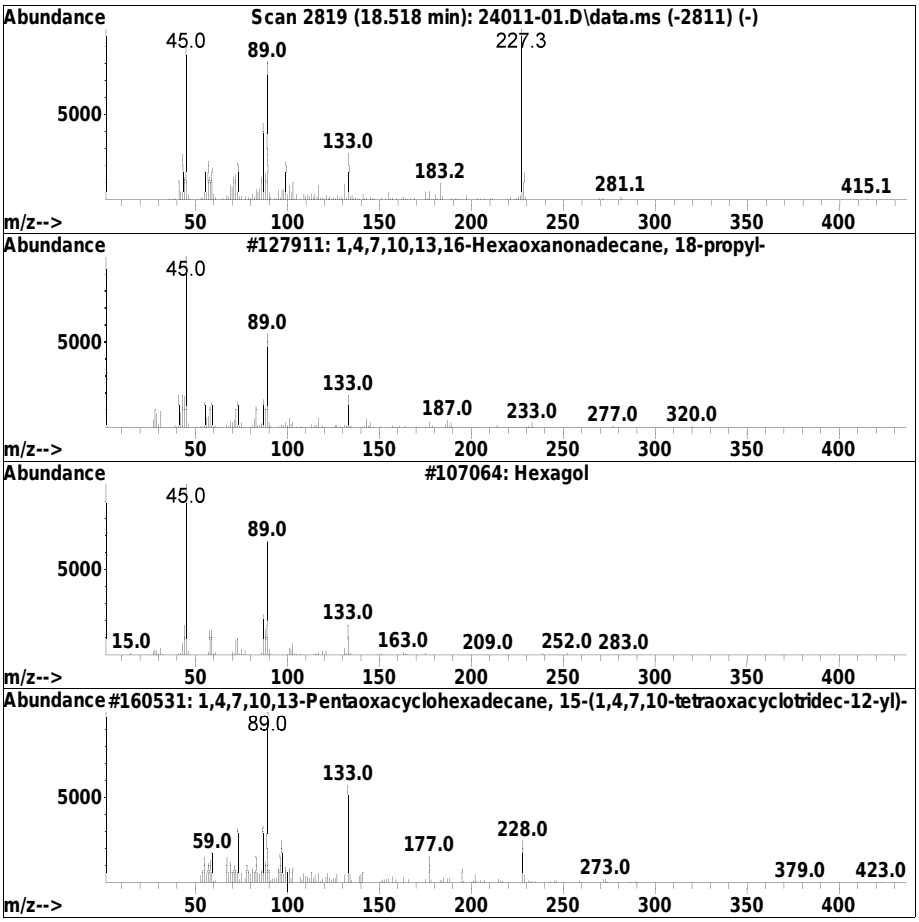
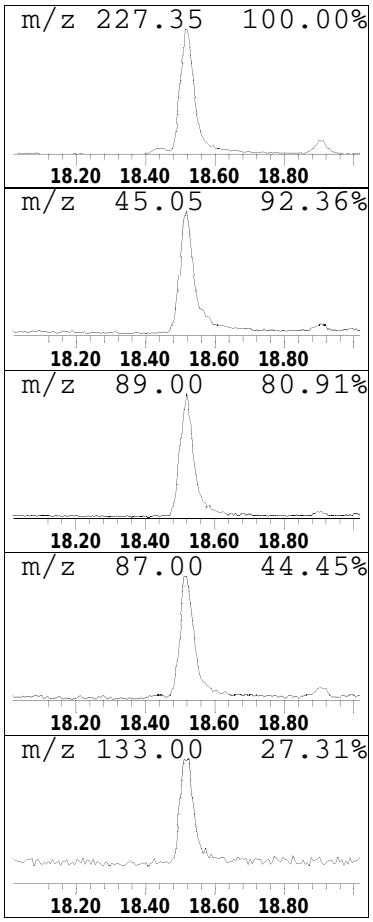
Peak Number 15 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.518	3.57 ug/ml	676338	IS1_Perylene-d12	15.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16-Hexaoxanonadecane...	320	C16H32O6	1000163-65-3	59
2	Hexagol	282	C12H26O7	002615-15-8	58
3	1,4,7,10,13-Pentaoxacyclohexadec...	422	C20H38O9	109773-69-5	53
4	Silane, methylenebis[methyl-	104	C3H12Si2	005654-05-7	49
5	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	45





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\190612LVI\
Data File : 24011-01.D
Acq On : 12 Jun 2019 6:14 am
Operator : SV107:sz
Sample : 11924011-01,32,,nj,eh
Misc : wg1247258,wg1246635,ical15841
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\190612LVI\FS19531SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Aldol Condensates	4.013	20.3	ug/ml	2374700	1	6.572	467725	4.0
Unknown	6.725	9.3	ug/ml	1085550	3	6.572	467725	4.0
Unknown Organic...	10.025	4.3	ug/ml	798516	8	9.731	751180	4.0
Unknown Organic...	11.372	2.0	ug/ml	390026	11	11.166	795595	4.0
Unknown	12.301	0.8	ug/ml	158733	11	11.166	795595	4.0
Cyclic octaatom...	12.360	2.3	ug/ml	460047	11	11.166	795595	4.0
Unknown	13.307	0.9	ug/ml	172707	12	13.789	796584	4.0
Unknown	14.254	1.4	ug/ml	286154	12	13.789	796584	4.0
Unknown	14.607	0.6	ug/ml	109115	13	15.254	757021	4.0
Unknown	15.160	2.2	ug/ml	410524	13	15.254	757021	4.0
Unknown	15.360	1.0	ug/ml	183069	13	15.254	757021	4.0
Unknown	16.018	3.4	ug/ml	637051	13	15.254	757021	4.0
Unknown	16.224	0.8	ug/ml	147380	13	15.254	757021	4.0
Unknown	17.054	4.3	ug/ml	815053	13	15.254	757021	4.0
Unknown	18.518	3.6	ug/ml	676338	13	15.254	757021	4.0

Method Blank
Raw Data

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV115\1906111vi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 11 13:13:34 2019
Quant Method : I:\8270\SV115\1906111vi\FS190604LVISV115.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Jun 11 13:08:14 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV115\1906111vi\ABN0611.D
: 2 - I:\8270\SV115\1906111vi\ADP0611.D
: 3 - I:\8270\SV115\1906111vi\AP90611.D
Sub List : 8270TCL_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	6.431	150	86184	4.000	ug/ml		0.00
Standard Area 1 = 89998			Recovery = 95.76%				
27) IS2_1,4-Dichlorobenzen...	6.431	150	86184	4.000	ug/ml		0.00
Standard Area 3 = 85958			Recovery = 100.26%				
34) IS1_Naphthalene-d8	7.864	136	203609	4.000	ug/ml		0.00
Standard Area 1 = 216388			Recovery = 94.09%				
54) IS2_Naphthalene-d8	7.864	136	203609	4.000	ug/ml		0.00
Standard Area 3 = 213221			Recovery = 95.49%				
62) IS1_Acenaphthene-d10	9.627	164	111018	4.000	ug/ml		0.00
Standard Area 1 = 123617			Recovery = 89.81%				
82) IS2_Acenaphthene-d10	9.627	164	111018	4.000	ug/ml		0.00
Standard Area 3 = 106315			Recovery = 104.42%				
85) IS3_Acenaphthene-d10	9.627	164	111018	4.000	ug/ml		0.00
Standard Area 2 = 100066			Recovery = 110.94%				
87) IS1_Phenanthrene-d10	11.064	188	227293	4.000	ug/ml		0.00
Standard Area 1 = 246470			Recovery = 92.22%				
99) IS3_Phenanthrene-d10	11.064	188	227293	4.000	ug/ml		0.00
Standard Area 2 = 237290			Recovery = 95.79%				
102) IS1_Chrysene-d12	13.695	240	214318	4.000	ug/ml	#	0.00
Standard Area 1 = 258154			Recovery = 83.02%				
111) IS1_Perylene-d12	15.159	264	233186	4.000	ug/ml		0.00
Standard Area 1 = 278503			Recovery = 83.73%				
System Monitoring Compounds							
4) 2-Fluorophenol	4.523	112	48478	3.104	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 62.08%				
7) Phenol-d6	6.066	99	48327	2.248	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 44.96%				
19) Nitrobenzene-d5	7.095	82	33445	1.734	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 69.36%				
45) 2-Fluorobiphenyl	8.988	172	81962	1.913	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 76.52%				
78) 2,4,6-Tribromophenol	10.396	330	17707	3.491	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 69.82%				
95) 4-Terphenyl-d14	12.645	244	105437	2.089	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 83.56%				

Data Path : I:\8270\SV115\190611lvi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 11 13:13:34 2019
Quant Method : I:\8270\SV115\190611lvi\FS190604LVISV115.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Jun 11 13:08:14 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV115\190611lvi\ABN0611.D
: 2 - I:\8270\SV115\190611lvi\ADP0611.D
: 3 - I:\8270\SV115\190611lvi\AP90611.D
Sub List : 8270TCL_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	d	
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
20) Nitrobenzene	0.000		0	N.D.	d	
21) Isophorone	0.000		0	N.D.	d	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.	d	
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.	d	
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	9.366	163	14389	0.346	ug/ml#	86
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.	d	
59) Caprolactam	0.000		0	N.D.	d	
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
71) Diethyl phthalate	0.000		0	N.D.	d	
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.	d	
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.	d	
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.	d	
89) Anthracene	0.000		0	N.D.	d	
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.	d	

Data Path : I:\8270\SV115\190611lvi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 11 13:13:34 2019
Quant Method : I:\8270\SV115\190611lvi\FS190604LVISV115.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Jun 11 13:08:14 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV115\190611lvi\ABN0611.D
: 2 - I:\8270\SV115\190611lvi\ADP0611.D
: 3 - I:\8270\SV115\190611lvi\AP90611.D
Sub List : 8270TCL_REV1 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92)	Fluoranthene	0.000		0	N.D.		
94)	Pyrene	0.000		0	N.D.		
96)	Butyl benzyl phthalate	0.000		0	N.D.		
104)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
105)	Chrysene	0.000		0	N.D.	d	
106)	Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
107)	Di-n-octylphthalate	0.000		0	N.D.	d	
114)	Benzo(ghi)perylene	0.000		0	N.D.		

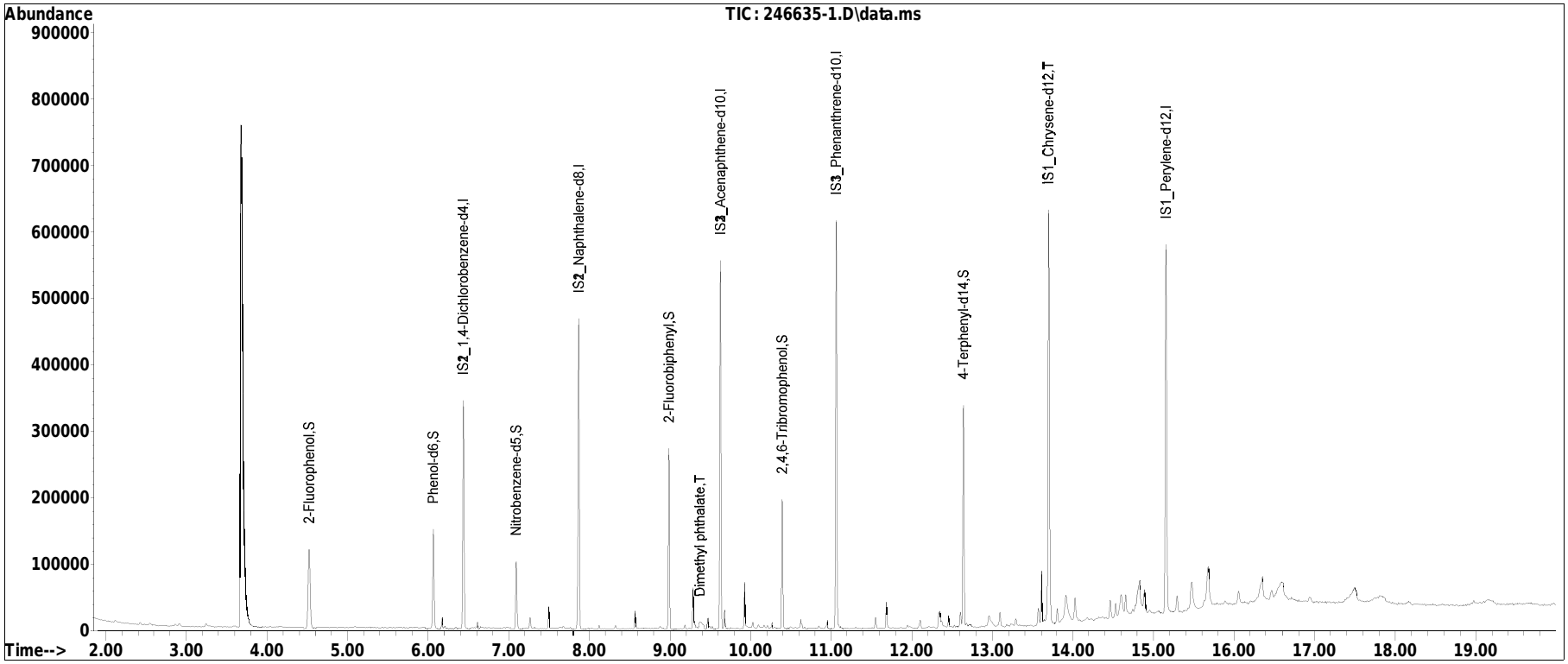
(#) = qualifier out of range (m) = manual integration (+) = signals summed

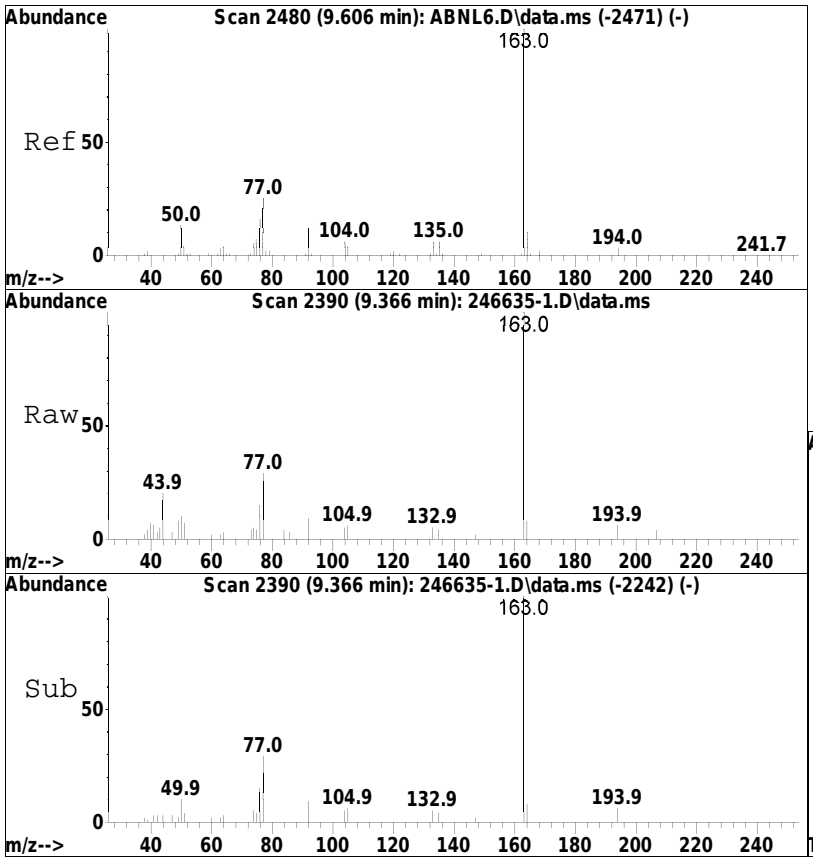
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV115\190611lvi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 11 13:13:34 2019
Quant Method : I:\8270\SV115\190611lvi\FS190604LVISV115.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Jun 11 13:08:14 2019
Response via : Initial Calibration

Sub List : 8270TCL_REV1 - TCL/CT/MAlvi\AP90611.D•

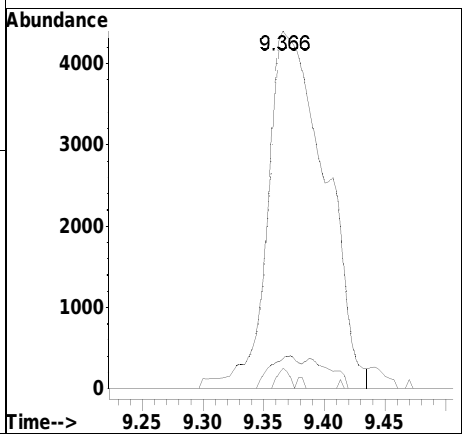




#50
Dimethyl phthalate
Concen: 0.35 ug/ml
RT: 9.366 min Scan# 2390
Delta R.T. -0.034 min
Lab File: 246635-1.D
Acq: 11 Jun 2019 09:56 am

Tgt Ion:163 Resp: 14389

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.5	5.3#
164	4.8	7.9	11.9#



Manual Integration Report

Data Path	: I:\8270\SV115\1906111vi\	QMethod	: FS190604LVISV115.m
Data File	: 246635-1.D	Operator	: SV115:jg
Date Inj'd	: 6/11/2019 9:56 am	Instrument	: SV 115
Sample	: wg1246635-1,32,,njbn,im	Quant Date	: 6/11/2019 1:09 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV115\1906111vi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV115\1906111vi\FS190604LVISV115.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 246635-1.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.679	576	584	630	rBV	755187	1573066	100.00%	21.717%
2	4.520	840	851	865	rVB	118729	189526	12.05%	2.617%
3	6.066	1329	1342	1354	rVB	149064	158712	10.09%	2.191%
4	6.173	1367	1376	1382	rBV	16073	18104	1.15%	0.250%
5	6.431	1450	1458	1470	rVB	342666	363840	23.13%	5.023%
6	7.095	1660	1669	1681	rBV	101565	107290	6.82%	1.481%
7	7.492	1785	1795	1803	rBV	33717	32694	2.08%	0.451%
8	7.864	1901	1913	1922	rBV	466540	461415	29.33%	6.370%
9	8.563	2127	2135	2147	rBV	26661	27632	1.76%	0.381%
10	8.988	2262	2270	2278	rVB	271522	249636	15.87%	3.446%
11	9.281	2356	2363	2375	rBV	61412	71131	4.52%	0.982%
12	9.627	2465	2473	2481	rVB	554490	523823	33.30%	7.232%
13	9.678	2481	2489	2501	rBV	28242	28463	1.81%	0.393%
14	9.923	2559	2567	2583	rBV	69790	73192	4.65%	1.010%
15	10.396	2710	2717	2727	rBV	193900	178988	11.38%	2.471%
16	10.947	2879	2892	2902	rBV3	12109	17187	1.09%	0.237%
17	11.064	2916	2929	2937	rBV2	614983	595926	37.88%	8.227%
18	11.552	3077	3084	3091	rBV2	16367	17139	1.09%	0.237%
19	11.684	3117	3126	3134	rBV2	39056	41439	2.63%	0.572%
20	12.333	3325	3332	3334	rBV	24541	22520	1.43%	0.311%
21	12.453	3363	3370	3377	rBV2	17036	16834	1.07%	0.232%
22	12.610	3414	3420	3424	rBV2	21645	21553	1.37%	0.298%
23	12.645	3424	3431	3439	rVB	331334	320799	20.39%	4.429%
24	12.957	3523	3530	3553	rVB6	15143	36913	2.35%	0.510%
25	13.093	3567	3573	3579	rVB2	20645	22198	1.41%	0.306%
26	13.566	3716	3723	3729	rBV	25800	30541	1.94%	0.422%
27	13.607	3729	3736	3743	rVV2	78261	86540	5.50%	1.195%
28	13.695	3752	3764	3778	rVB2	620675	717849	45.63%	9.910%

LSC Area Percent Report

Data Path : I:\8270\SV115\1906111vi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV115\1906111vi\FS190604LVISV115.m
Title : Semivolatiles by GC/MS by modified 8270

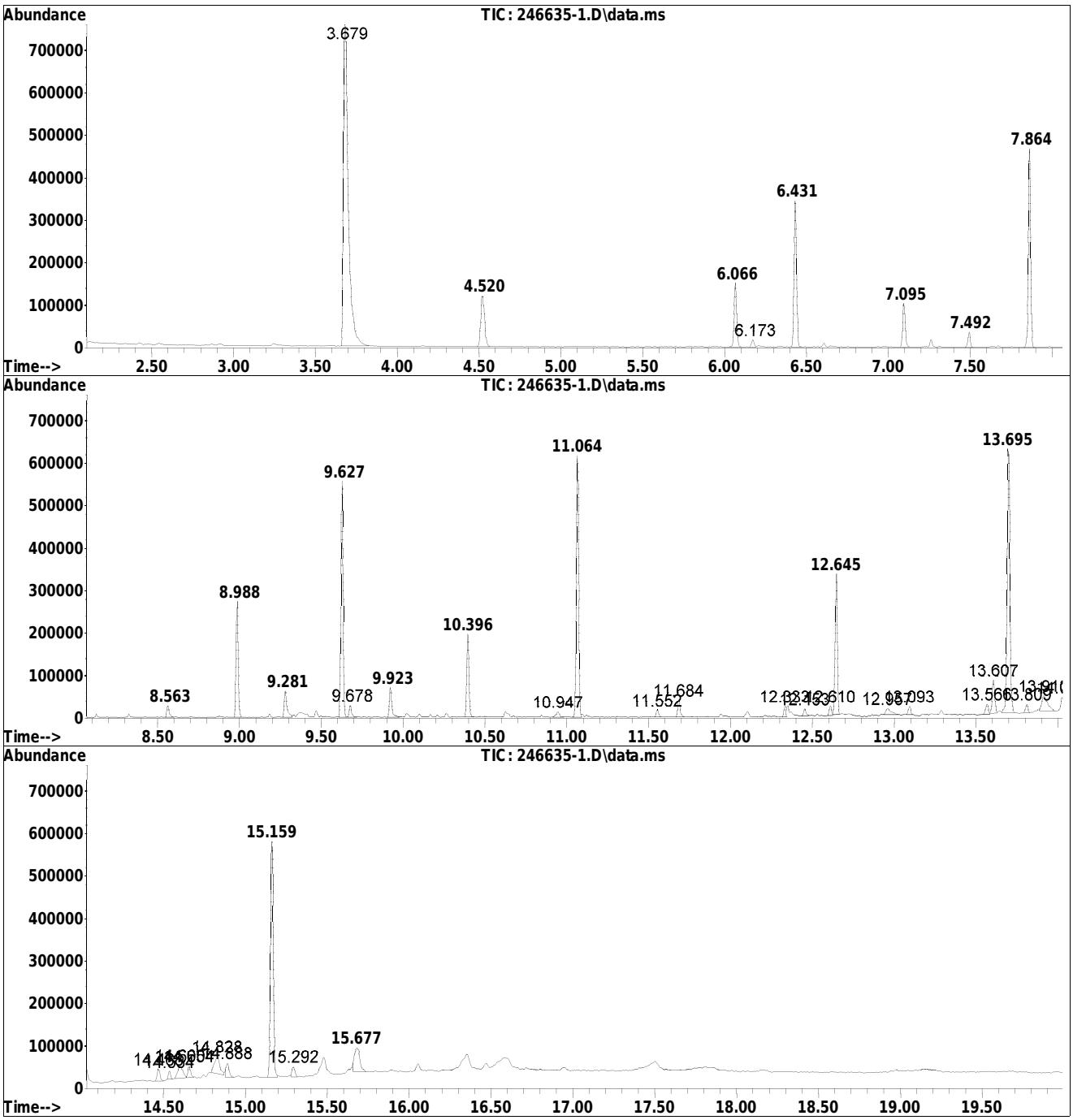
29	13.809	3794	3800	3807	rBV	21004	20964	1.33%	0.289%
30	13.913	3825	3833	3856	rVB4	36566	91955	5.85%	1.269%
31	14.023	3862	3868	3884	rVB2	34748	49267	3.13%	0.680%
32	14.468	4002	4009	4018	rBV2	27287	33263	2.11%	0.459%
33	14.534	4025	4030	4037	rVB	18669	18063	1.15%	0.249%
34	14.600	4041	4051	4062	rVV2	29137	62849	4.00%	0.868%
35	14.654	4063	4068	4077	rVB2	26548	30561	1.94%	0.422%
36	14.828	4111	4123	4135	rVV3	39202	95472	6.07%	1.318%
37	14.888	4138	4142	4155	rVB	34363	44534	2.83%	0.615%
38	15.159	4219	4228	4239	rBV	553754	627714	39.90%	8.666%
39	15.292	4265	4270	4278	rVB2	24424	29926	1.90%	0.413%
40	15.677	4385	4392	4413	rVB6	56705	133899	8.51%	1.849%

Sum of corrected areas: 7243417

Data Path : I:\8270\SV115\190611lvi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV115\190611lvi\FS190604LVISV115.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\SV115\190611lvi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

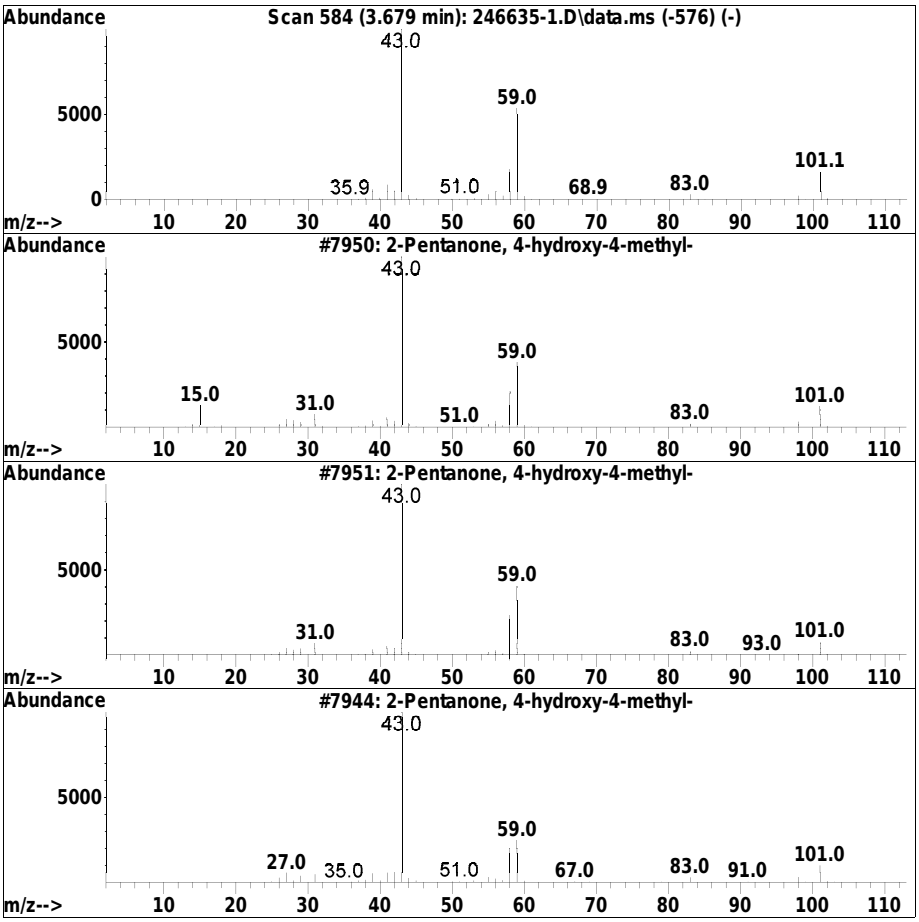
Quant Method : I:\8270\SV115\190611lvi\FS190604LVISV115.m
Quant Title : Semivolatiles by GC/MS by modified 8270

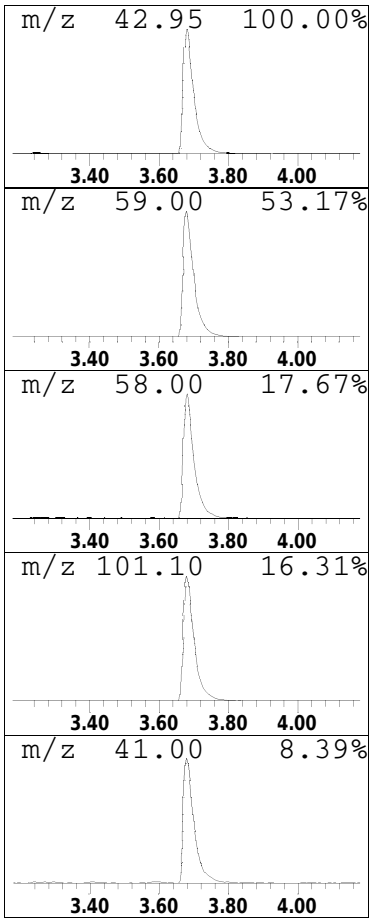
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aldol Condensates Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.679	17.29 ug/ml	1573070	IS2_1,4-Dichlorobenzene-d4	6.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : I:\8270\SV115\190611lvi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV115\190611lvi\FS190604LVISV115.m
Quant Title : Semivolatiles by GC/MS by modified 8270

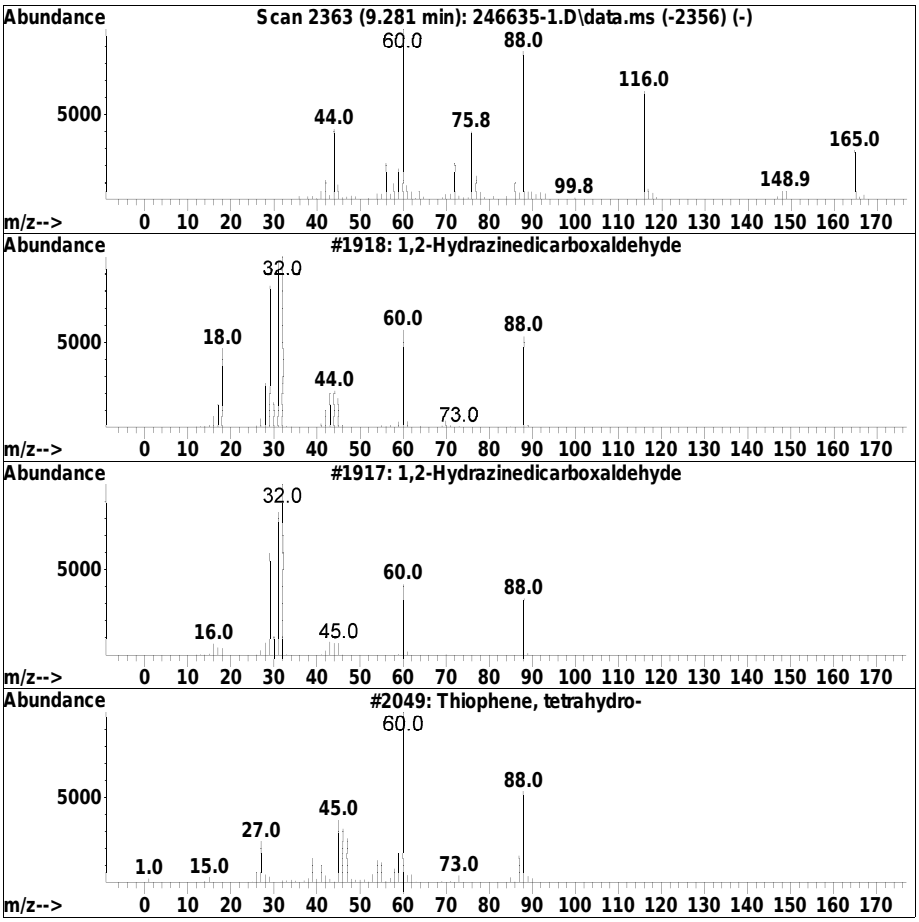
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

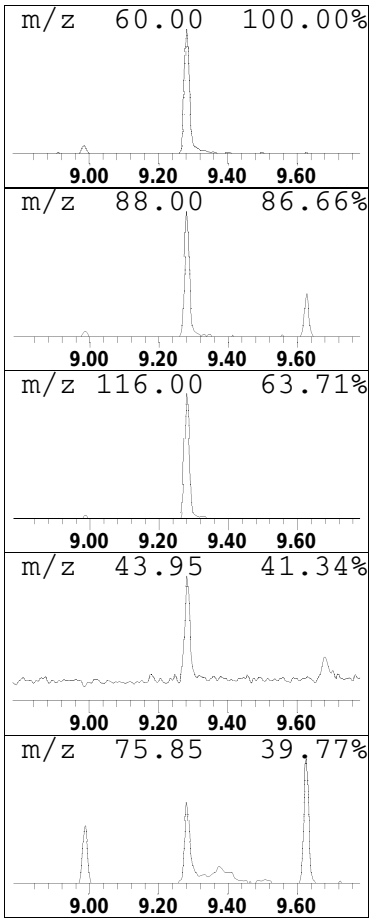
****

Peak Number 2 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.281	0.54 ug/ml	71131	IS1_Acenaphthene-d10	9.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	43
2	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	38
3	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	35
4	3(2H)-Thiophenone, dihydro-2-met...	116	C5H8OS	013679-85-1	30
5	Methanamine, 1,1-dimethoxy-N,N-d...	119	C5H13NO2	004637-24-5	27





Data Path : I:\8270\SV115\190611lvi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV115\190611lvi\FS190604LVISV115.m
Quant Title : Semivolatiles by GC/MS by modified 8270

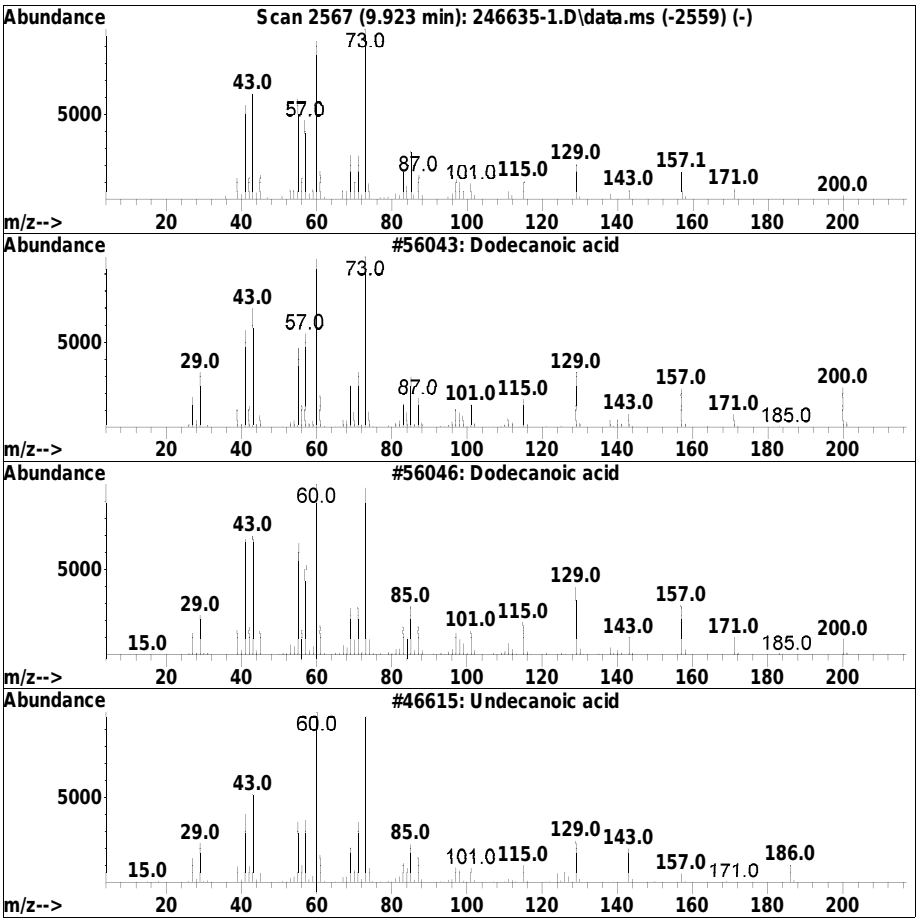
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

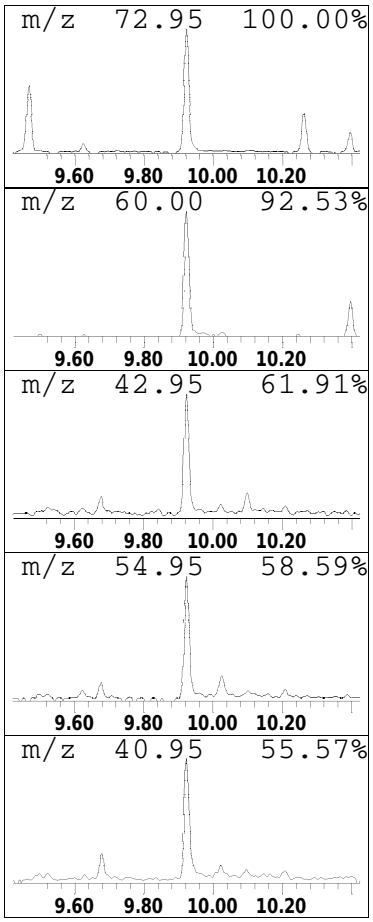
****

Peak Number 3 Unknown Organic Acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.923	0.56 ug/ml	73192	IS3_Acenaphthene-d10	9.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	96
2	Dodecanoic acid	200	C12H24O2	000143-07-7	93
3	Undecanoic acid	186	C11H22O2	000112-37-8	86
4	Nonanoic acid	158	C9H18O2	000112-05-0	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





Data Path : I:\8270\SV115\190611lvi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV115\190611lvi\FS190604LVISV115.m
Quant Title : Semivolatiles by GC/MS by modified 8270

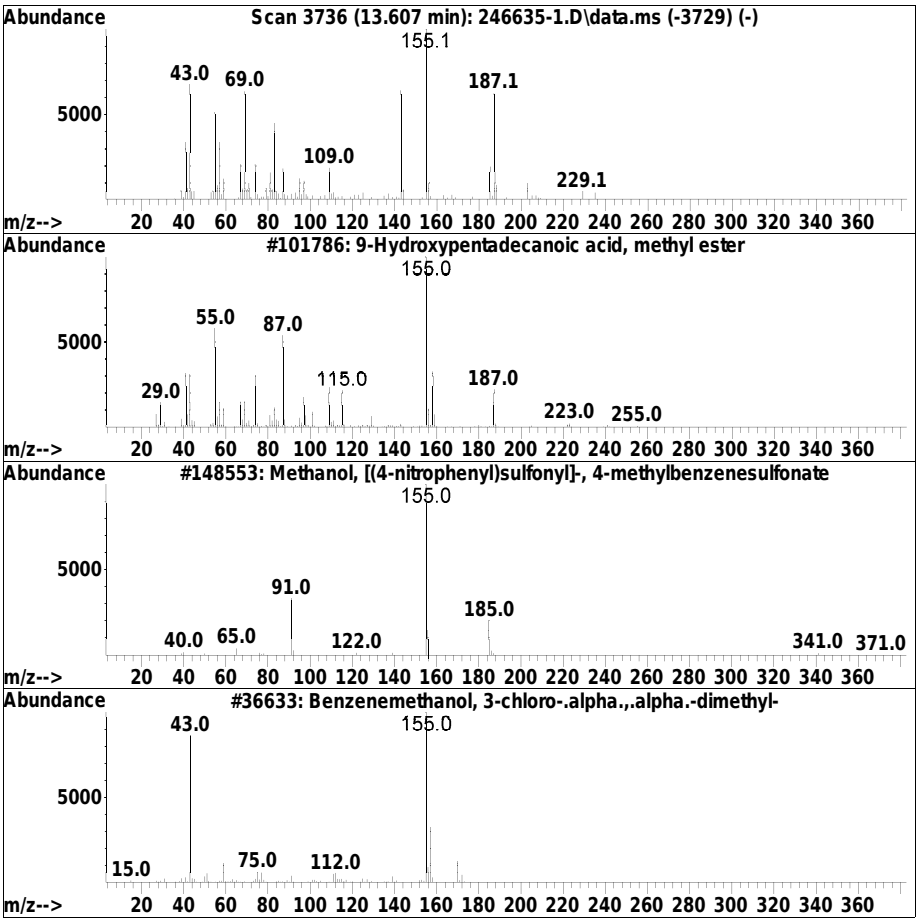
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

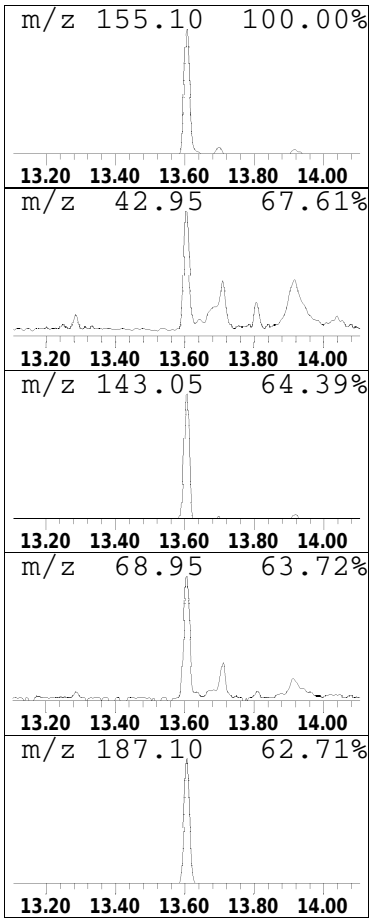
****

Peak Number 4 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.607	0.48 ug/ml	86540	IS1_Chrysene-d12	13.695

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hydroxypentadecanoic acid, met...	272	C16H32O3	067401-19-8	32
2	Methanol, [(4-nitrophenyl)sulfon...	371	C14H13NO7S2	031081-08-0	27
3	Benzenemethanol, 3-chloro-.alpha...	170	C9H11ClO	031002-87-6	22
4	Pyridine, 3-phenyl-	155	C11H9N	001008-88-4	22
5	4,6-Dihydroxypyrimidine, 5-amino...	155	C5H5N3O3	001074-97-1	22





Data Path : I:\8270\SV115\190611lvi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV115\190611lvi\FS190604LVISV115.m
Quant Title : Semivolatiles by GC/MS by modified 8270

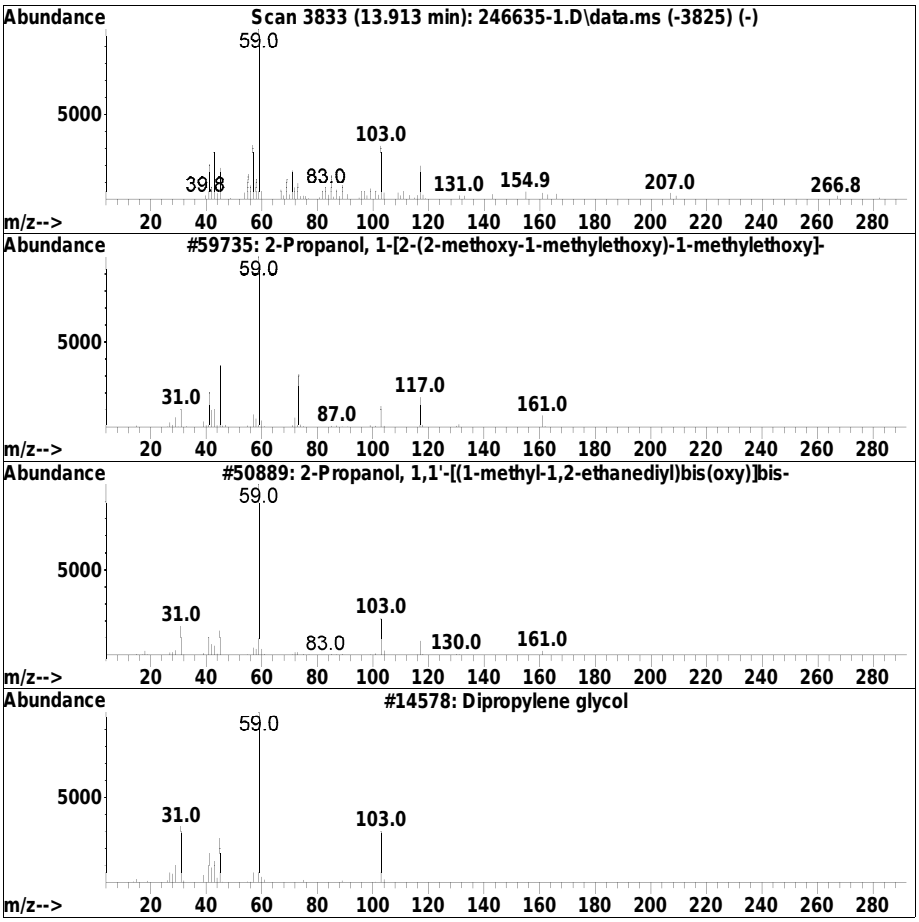
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

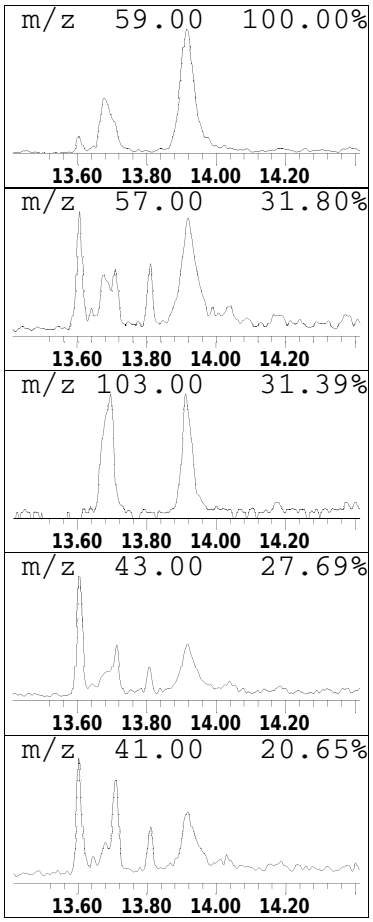
****

Peak Number 5 Unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.913	0.51 ug/ml	91955	IS1_Chrysene-d12	13.695

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	53
2	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	50
3	Dipropylene glycol	134	C6H14O3	025265-71-8	47
4	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	47
5	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	47





Data Path : I:\8270\SV115\190611lvi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV115\190611lvi\FS190604LVISV115.m
Quant Title : Semivolatiles by GC/MS by modified 8270

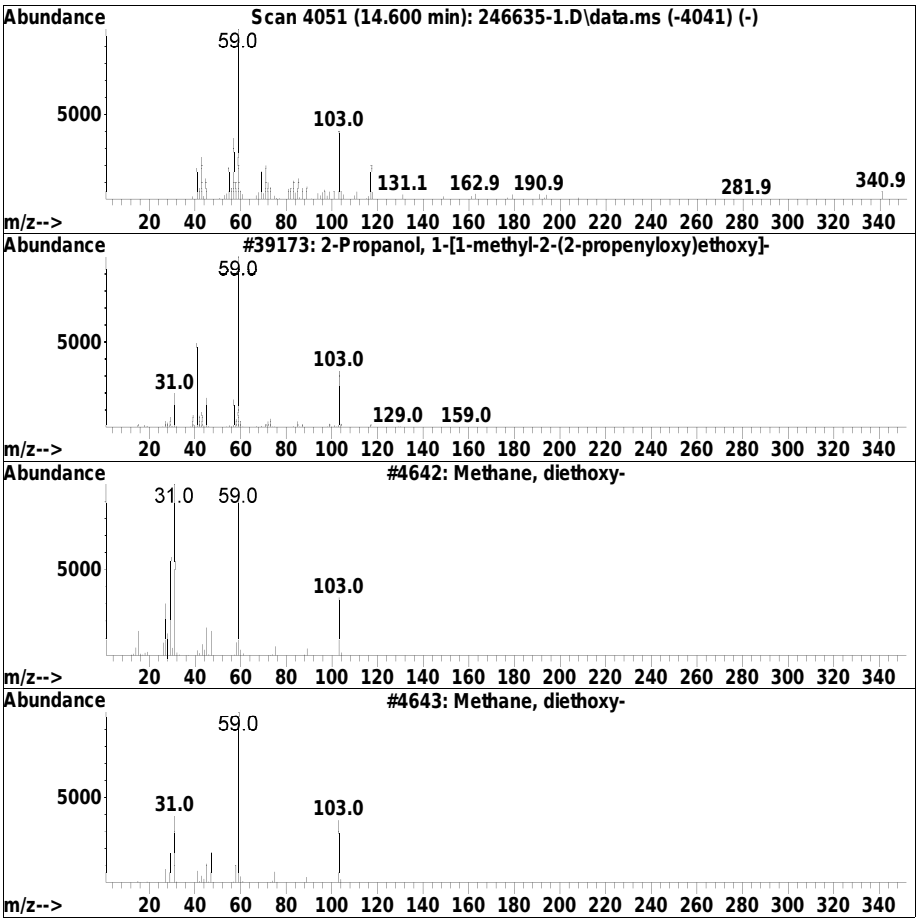
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

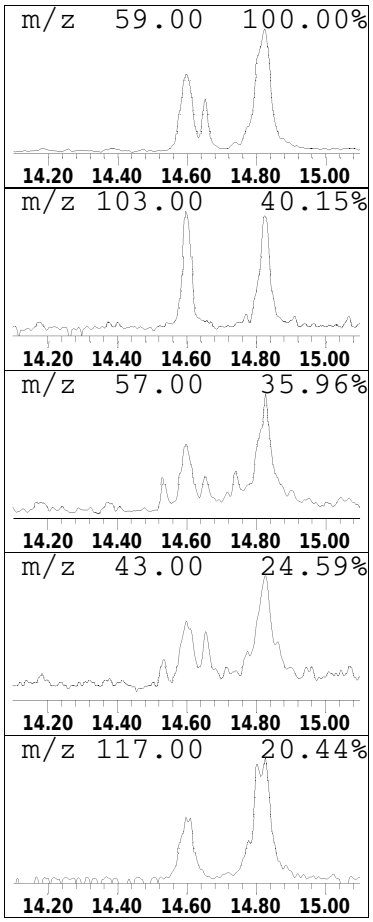
****

Peak Number 6 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.600	0.40 ug/ml	62849	IS1_Perylene-d12	15.159

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	50
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	47
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	47
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	47
5	1-[2-[2,6-Dimethylphenoxy]ethyl]...	194	C11H18N2O	014573-16-1	47





Data Path : I:\8270\SV115\190611lvi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV115\190611lvi\FS190604LVISV115.m
Quant Title : Semivolatiles by GC/MS by modified 8270

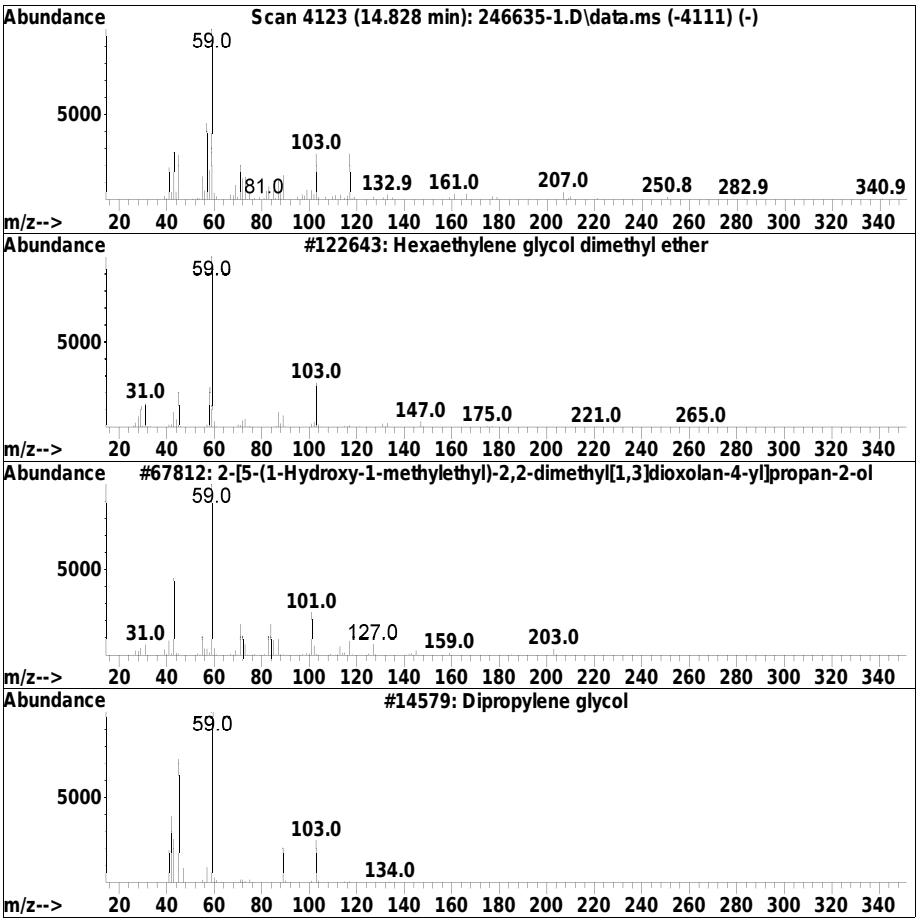
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

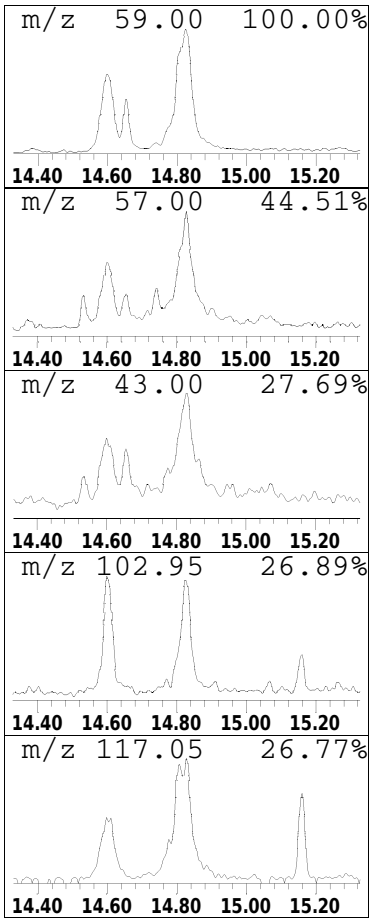
****

Peak Number 7 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.828	0.61 ug/ml	95472	IS1_Perylene-d12	15.159

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	47
2	2-[5-(1-Hydroxy-1-methylethyl)-2...	218	C11H22O4	1000190-33-6	40
3	Dipropylene glycol	134	C6H14O3	025265-71-8	38
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	38
5	Dipropylene glycol	134	C6H14O3	025265-71-8	38





Data Path : I:\8270\SV115\190611lvi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV115\190611lvi\FS190604LVISV115.m
Quant Title : Semivolatiles by GC/MS by modified 8270

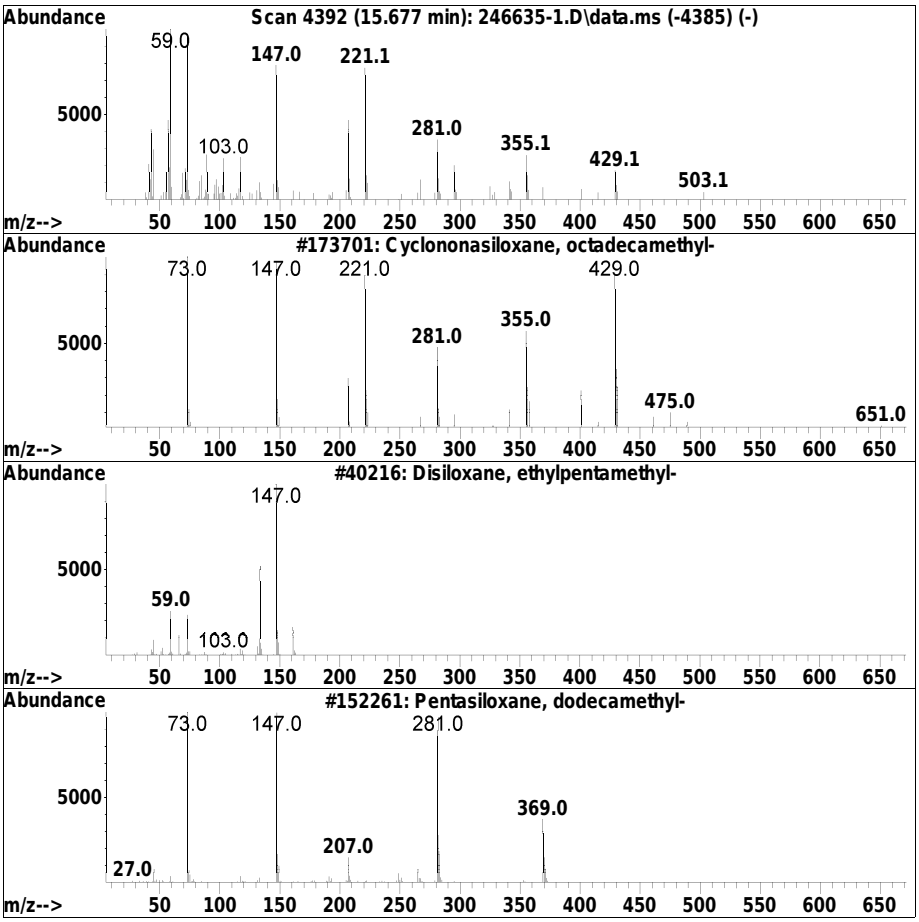
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

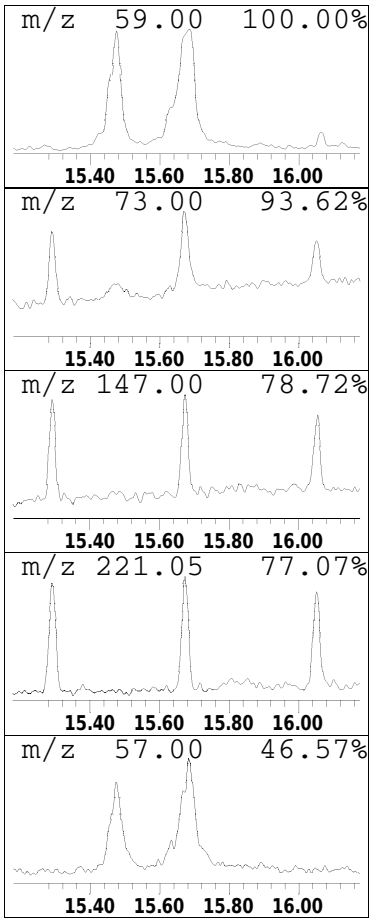
****

Peak Number 8 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.677	0.85 ug/ml	133899	IS1_Perylene-d12	15.159

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	53
2	Disiloxane, ethylpentamethyl-	176	C7H20OSi2	006231-60-3	35
3	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	14
4	Cyclopropanamine, N-methyl-1-phe...	147	C10H13N	056771-48-3	11
5	Butylsemithiocarbazide	147	C5H13N3S	006610-31-7	11





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV115\1906111vi\
Data File : 246635-1.D
Acq On : 11 Jun 2019 09:56 am
Operator : SV115:jg
Sample : wg1246635-1,32,,njbn,im
Misc : wg1246851,wg1246635,ical15851
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV115\1906111vi\FS190604LVISV115.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Aldol Condensates	3.679	17.3	ug/ml	1573070	1	6.431	363840	4.0
Unknown	9.281	0.5	ug/ml	71131	6	9.627	523823	4.0
Unknown Organic...	9.923	0.6	ug/ml	73192	8	9.627	523823	4.0
Unknown	13.607	0.5	ug/ml	86540	12	13.695	717849	4.0
Unknown	13.913	0.5	ug/ml	91955	12	13.695	717849	4.0
Unknown	14.600	0.4	ug/ml	62849	13	15.159	627714	4.0
Unknown	14.828	0.6	ug/ml	95472	13	15.159	627714	4.0
Unknown	15.677	0.9	ug/ml	133899	13	15.159	627714	4.0

GC/MS Extractable Analysis
Method 8270
Selective Ion Monitoring

Sample Results Summary

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	Lab Number	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	Project Number	: 0064-3
Lab ID	: L1924011-01	Date Collected	: 06/05/19 10:58
Client ID	: TMW-7	Date Received	: 06/06/19
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 06/15/19 01:30
Sample Matrix	: WATER	Date Extracted	: 06/11/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 24011-01	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV125
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
56-55-3	Benzo(a)anthracene	0.04	0.10	0.02	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab ID	: WG1246636-1	**Date Collected**	: NA
Client ID	: WG1246636-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 06/14/19 12:48
Sample Matrix	: WATER	**Date Extracted**	: 06/10/19
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 246636-1	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV124	**Analysis Date**	: 06/12/19 22:59
Tune Standard	: R1196692-12	**Tune File ID**	: TUNE_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	64.5
68	Less than 2.0% of mass 69	0.3 (1)1
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	50.5
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	22.8
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	17.1
442	Base Peak, or >50% of mass 198	62.4
443	15.0 - 24.0% of mass 442	11.7 (18.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
IL7	R1196692-9	IL7	06/13/19 00:04
IL6	R1196692-7	IL6	06/13/19 00:20
IL5	R1196692-8	IL5	06/13/19 00:37
IL4	R1196692-6	IL4	06/13/19 00:53
IL3	R1196692-5	IL3	06/13/19 01:09
IL2	R1196692-4	IL2	06/13/19 01:25
IL1	R1196692-3	IL1	06/13/19 01:42
IL10a	R1196692-2	IL10A	06/13/19 01:58
IL9a	R1196692-11	IL9A	06/13/19 02:14
IL8a	R1196692-10	IL8A	06/13/19 02:30
ICV Quant Report	R1196692-1	ICV	06/13/19 02:47

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV124	**Analysis Date**	: 06/14/19 08:31
Tune Standard	: WG1248552-1	**Tune File ID**	: deg0614_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	62.4
68	Less than 2.0% of mass 69	0 (0)1
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	46.9
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	22.3
365	Greater than 1.0% of mass 198	2.4
441	Present, but less than 24% of mass 442	17.8
442	Base Peak, or >50% of mass 198	67.5
443	15.0 - 24.0% of mass 442	13.3 (19.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1248552-3CCAL	WG1248552-3	CCV0614	06/14/19 08:47
WG1246636-1BLANK	WG1246636-1	246636-1	06/14/19 12:48
WG1246636-2LCS	WG1246636-2	246636-2	06/14/19 13:04
WG1246636-3LCSD	WG1246636-3	246636-3	06/14/19 13:21

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV125	**Analysis Date**	: 06/13/19 12:28
Tune Standard	: R1197227-1	**Tune File ID**	: TUNEa_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	52.5
68	Less than 2.0% of mass 69	0 (0)1
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	63.9
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7.5
275	10.0 - 60.0% of Base Peak	25
365	Greater than 1.0% of mass 198	2.5
441	Present, but less than 24% of mass 442	16.9
442	Base Peak, or >50% of mass 198	94.6
443	15.0 - 24.0% of mass 442	18 (19)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
L10	R1197227-4	L10	06/13/19 12:48
L9	R1197227-12	L9	06/13/19 13:04
L8	R1197227-11	L8	06/13/19 13:20
L7	R1197227-10	L7	06/13/19 13:36
L6	R1197227-9	L6	06/13/19 13:52
L5	R1197227-8	L5	06/13/19 14:07
L4	R1197227-7	L4	06/13/19 14:23
L3	R1197227-6	L3	06/13/19 14:39
L2	R1197227-5	L2	06/13/19 14:55
L1	R1197227-3	L1	06/13/19 15:11
ICV Quant Report	R1197227-2	ICV1	06/13/19 17:02

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV125	**Analysis Date**	: 06/14/19 14:44
Tune Standard	: WG1248729-1	**Tune File ID**	: deg0614z_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	60.5
68	Less than 2.0% of mass 69	0 (0)1
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	60.1
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.4
275	10.0 - 60.0% of Base Peak	22
365	Greater than 1.0% of mass 198	2.8
441	Present, but less than 24% of mass 442	17.7
442	Base Peak, or >50% of mass 198	76.1
443	15.0 - 24.0% of mass 442	15.2 (20)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1248729-3CCAL	WG1248729-3	CCV0614Z	06/14/19 15:10
TMW-7	L1924011-01	24011-01	06/15/19 01:30

Blank Results Summary

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Lab Sample ID	: WG1246636-1	**Lab File ID**	: 246636-1
Instrument ID	: SV124	**Extraction Date**	: 06/10/19
Matrix	: WATER	**Analysis Date**	: 06/14/19 12:48
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1246636-2LCS	WG1246636-2	06/14/19 13:04
WG1246636-3LCSD	WG1246636-3	06/14/19 13:21
TMW-7	L1924011-01	06/15/19 01:30

Standards Data Summary

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL15868**
Calibration dates	**: 06/13/19 00:04 06/13/19 02:30**		

Calibration Files
L1 =IL1.d L2 =IL2.d L3 =IL3.d L4 =IL4.d L5 =IL5.d L6 =IL6.d L7 =IL7.d L8 =IL8a.d
L9 =IL9a.d L10 =IL10a.d

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	
1)	i	1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	s	2-Fluorophenol		1.077	1.046	1.069	1.099	1.151	1.129	1.147	1.167	1.184	1.119	4.30
3)	s	Phenol-d6		1.514	1.290	1.276	1.298	1.365	1.337	1.363	1.390	1.399	1.359	5.36
4)	T	Bis(2-chloroethyl)ether			0.964	1.011	1.037	1.052	1.061	1.038	1.029	1.008	1.025	2.99
5)	T	n-nitrosodi-n-propylamine			0.625	0.654	0.666	0.701	0.706	0.734	0.752	0.773	0.701	7.25
6)	t	Hexachloroethane			0.543	0.531	0.525	0.521	0.514	0.511	0.508	0.514	0.521	2.27
7)	s	Nitrobenzene-d5		1.043	0.951	1.011	1.016	1.062	1.095	1.108	1.123	1.129	1.060	5.67
8)	i	Naphthalene-d8	----------ISTD----------											
9)	t	Naphthalene	1.131	1.110	1.021	1.002	1.057	1.045	0.998	0.995	0.995	0.974	1.033	5.09
10)	t	Hexachlorobutadiene			0.221	0.207	0.219	0.218	0.207	0.202	0.199	0.193	0.208	4.91
11)	t	2-Methylnaphthalene	0.675	0.675	0.653	0.662	0.694	0.699	0.683	0.695	0.692	0.678	0.681	2.24
12)	t	1-Methylnaphthalene	0.638	0.666	0.646	0.630	0.652	0.661	0.648	0.644	0.637	0.616	0.644	2.27
13)	s	2-Fluorobiphenyl	0.839	0.905	0.842	0.826	0.890	0.896	0.864	0.836	0.816	0.786	0.850	4.49
14)	t	2-Chloronaphthalene	0.730	0.710	0.678	0.699	0.733	0.743	0.714	0.700	0.688	0.675	0.707	3.30
15)	t	Acenaphthylene	1.076	1.092	1.024	1.041	1.100	1.123	1.110	1.122	1.119	1.091	1.090	3.10
16)	i	Acenaphthene-d10	----------ISTD----------											
17)	t	Acenaphthene	1.402	1.465	1.380	1.362	1.415	1.402	1.338	1.341	1.325	1.291	1.372	3.72
18)	t	Fluorene	1.502	1.566	1.428	1.478	1.543	1.543	1.507	1.529	1.528	1.499	1.512	2.60
19)	s	2,4,6-Tribromophenol				0.245	0.259	0.261	0.264	0.274	0.277	0.281	0.266	4.70
20)	i	Phenanthrene-d10	----------ISTD----------											
21)	T	4,6-Dinitro-o-cresol						0.084	0.095	0.108	0.134	0.143	0.146 *L	0.99
82)														
22)	t	Hexachlorobenzene	0.382	0.303	0.287	0.280	0.291	0.290	0.278	0.271	0.270	0.264	0.291	11.60
23)	t	Pentachlorophenol			0.117	0.129	0.140	0.143	0.147	0.159	0.170	0.177	0.148	13.57
24)	t	Phenanthrene	1.305	1.274	1.233	1.207	1.213	1.220	1.152	1.157	1.156	1.125	1.204	4.77
25)	t	Anthracene	1.209	1.234	1.103	1.093	1.150	1.144	1.137	1.170	1.171	1.129	1.154	3.81
26)	t	Fluoranthene	1.496	1.513	1.370	1.375	1.402	1.434	1.386	1.416	1.427	1.369	1.419	3.58
27)	t	Pyrene	1.591	1.561	1.432	1.460	1.457	1.493	1.457	1.464	1.458	1.378	1.475	4.15
28)	s	4-Terphenyl-d14	0.923	0.908	0.793	0.812	0.804	0.850	0.828	0.817	0.805	0.763	0.830	6.06
29)	i	Chrysene-d12	----------ISTD----------											
30)	t	Benzo[a]anthracene		2.661	1.890	1.581	1.482	1.433	1.392	1.461	1.511	1.539 *L		0.99
94)														
31)	t	Chrysene	1.712	1.727	1.572	1.509	1.536	1.543	1.462	1.448	1.437	1.419	1.536	7.07
32)	T	Bis(2-ethylhexyl)phtha...						0.641	0.669	0.722	0.855	0.912	0.950	0.791	16.56
33)	i	Perylene-d12	----------ISTD----------											
34)	t	Benzo[b]fluoranthene	1.246	1.230	1.175	1.205	1.252	1.257	1.276	1.316	1.304	1.279	1.254	3.43

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL15868**
Calibration dates	**: 06/13/19 00:04 06/13/19 02:30**		

Calibration Files
L1 =IL1.d L2 =IL2.d L3 =IL3.d L4 =IL4.d L5 =IL5.d L6 =IL6.d L7 =IL7.d L8 =IL8a.d
L9 =IL9a.d L10 =IL10a.d

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	
35) t	Benzo[k]fluoranthene	1.329	1.372	1.288	1.257	1.318	1.298	1.292	1.291	1.259	1.204	1.291	3.51
36) t	Benzo[a]pyrene	1.177	1.166	1.102	1.115	1.153	1.184	1.212	1.288	1.309	1.307	1.201	6.36
37) t	Indeno[1,2,3-cd]pyrene	0.927	0.967	1.004	0.946	1.008	1.036	1.093	1.221	1.288	1.308	1.080	13.16
38) t	Dibenzo[a,h]anthracene	0.955	0.945	0.933	1.008	1.000	1.067	1.166	1.216	1.228	1.189	1.071	11.04
39) t	Benzo[g,h,i]perylene	1.204	1.194	1.152	1.128	1.233	1.202	1.210	1.263	1.306	1.286	1.218	4.59

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: SV125**	**Ical Ref**	**: ICAL15876**
Calibration dates	**: 06/13/19 12:48 06/13/19 15:11**		

Calibration Files
L1 =L1.D L2 =L2.D L3 =L3.D L4 =L4.D L5 =L5.D L6 =L6.D L7 =L7.D L8 =L8.D L9 =L9.D
L10 =L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	i	1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	s	2-Fluorophenol	1.031	0.998	0.932	0.957	1.010	1.027	1.012	1.049	1.073	1.074	1.016	4.51
3)	s	Phenol-d6	1.437	1.330	1.176	1.169	1.236	1.212	1.188	1.240	1.281	1.295	1.256	6.58
4)	T	bis(2-Chloroethyl)ether		1.109	1.061	1.026	1.123	1.085	1.054	1.051	1.065	1.054	1.069	2.86
5)	T	n-Nitrosodi-n-propylamine	0.609	0.682	0.630	0.626	0.646	0.671	0.663	0.706	0.750	0.771	0.675	7.92
6)	t	Hexachloroethane	0.609	0.605	0.529	0.529	0.532	0.539	0.517	0.521	0.526	0.525	0.543	6.29
7)	s	Nitrobenzene-d5	1.065	1.032	1.047	1.002	1.079	1.067	1.070	1.097	1.130	1.142	1.073	3.93
8)	i	Naphthalene-d8	----------ISTD----------											
9)	t	Naphthalene	1.161	1.180	1.082	1.078	1.096	1.103	1.062	1.052	1.041	1.028	1.088	4.56
10)	T	Isophorone	0.458	0.537	0.493	0.484	0.512	0.529	0.530	0.560	0.573	0.578	0.525	7.49
11)	t	Hexachlorobutadiene	0.251	0.243	0.229	0.226	0.231	0.233	0.223	0.217	0.212	0.208	0.227	5.79
12)	t	2-Methylnaphthalene	0.732	0.748	0.724	0.710	0.738	0.730	0.713	0.725	0.725	0.723	0.727	1.52
13)	t	1-Methylnaphthalene	0.699	0.716	0.677	0.661	0.677	0.683	0.664	0.671	0.671	0.670	0.679	2.49
14)	s	2-Fluorobiphenyl	0.896	0.906	0.876	0.862	0.887	0.884	0.858	0.845	0.837	0.830	0.868	2.99
15)	t	2-Chloronaphthalene	0.761	0.782	0.734	0.726	0.752	0.758	0.731	0.730	0.735	0.750	0.746	2.40
16)	t	Acenaphthylene	1.113	1.120	1.054	1.038	1.071	1.114	1.103	1.147	1.167	1.184	1.111	4.25
17)	i	Acenaphthene-d10	----------ISTD----------											
18)	t	Acenaphthene	1.498	1.542	1.441	1.419	1.469	1.433	1.380	1.375	1.382	1.354	1.429	4.20
19)	t	Fluorene	1.535	1.579	1.459	1.461	1.499	1.528	1.501	1.556	1.574	1.547	1.524	2.81
20)	s	2,4,6-Tribromophenol		0.159	0.161	0.162	0.168	0.189	0.227	0.317	0.334	0.300	*Q	0.9947
21)	i	Phenanthrene-d10	----------ISTD----------											
22)	T	4,6-Dinitro-o-cresol					0.046	0.051	0.062	0.097	0.113	0.125	*Q	0.9980
23)	t	Hexachlorobenzene	0.332	0.324	0.299	0.304	0.308	0.310	0.298	0.291	0.291	0.282	0.304	5.08
24)	t	Pentachlorophenol			0.052	0.053	0.070	0.078	0.101	0.143	0.158	0.170	*Q	0.9979
25)	t	Phenanthrene	1.323	1.387	1.287	1.264	1.282	1.264	1.209	1.203	1.205	1.180	1.260	5.07
26)	t	Anthracene	1.194	1.226	1.128	1.140	1.152	1.179	1.168	1.205	1.230	1.204	1.183	2.99
27)	t	Fluoranthene	1.296	1.323	1.242	1.226	1.277	1.294	1.297	1.365	1.390	1.361	1.307	4.07
28)	t	Pyrene	1.365	1.346	1.294	1.269	1.307	1.339	1.348	1.405	1.416	1.394	1.348	3.60
29)	s	4-Terphenyl-d14	0.839	0.837	0.767	0.736	0.758	0.790	0.792	0.812	0.816	0.803	0.795	4.25
30)	i	Chrysene-d12	----------ISTD----------											
31)	t	Benzo[a]anthracene		0.454	0.379	0.357	0.360	0.363	0.359	0.378	0.396	0.398	*L	0.9994
32)	t	Chrysene	1.531	1.603	1.483	1.442	1.497	1.488	1.460	1.424	1.413	1.461	1.480	3.75
33)	T	Bis(2-ethylhexyl)phtha...											0.000	-1.00
34)	i	Perylene-d12	----------ISTD----------											
35)	t	Benzo[b]fluoranthene	1.173	1.191	1.074	1.083	1.110	1.144	1.157	1.283	1.243	1.294	1.175	6.65
36)	t	Benzo[k]fluoranthene	1.075	1.087	1.074	1.041	1.086	1.160	1.253	1.343	1.440	1.392	1.195	12.53

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1924011**
Project Name	**: FORMER PISTOIA SERVICE CENTER**	**Project Number**	**: 0064-3**
Instrument ID	**: SV125**	**Ical Ref**	**: ICAL15876**
Calibration dates	**: 06/13/19 12:48 06/13/19 15:11**		

Calibration Files
L1 =L1.D L2 =L2.D L3 =L3.D L4 =L4.D L5 =L5.D L6 =L6.D L7 =L7.D L8 =L8.D L9 =L9.D
L10 =L10.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37) t	Benzo[a]pyrene	0.922	1.011	0.956	0.954	0.986	1.025	1.081	1.211	1.284	1.304	1.073	13.22
38) t	Indeno[1,2,3-cd]pyrene	0.937	0.948	0.881	0.871	0.916	0.943	0.990	1.169	1.231	1.334	1.022	15.86
39) t	Dibenzo[a,h]anthracene	0.902	0.875	0.869	0.876	0.945	1.014	1.116	1.223	1.262	1.314	1.040	16.85
40) t	Benzo[g,h,i]perylene	1.085	1.104	1.028	1.035	1.090	1.117	1.163	1.250	1.290	1.359	1.152	9.71

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011		
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3		
Instrument ID	: SV124	**Calibration Date**	: 06/14/19 08:47		
Lab File ID	: CCV0614	**Init. Calib. Date(s)**	: 06/13/19	06/13/19	
Sample No	: WG1248552-3	**Init. Calib. Times**	: 00:04	02:30	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	105	0
2-Fluorophenol	1.119	1.258	.05	-12.4	20	117	0
Phenol-d6	1.359	1.47	.05	-8.2	20	115	0
Bis(2-chloroethyl)ether	1.025	1.141	.05	-11.3	20	113	0
n-nitrosodi-n-propylamine	0.701	0.748	.05	-6.7	20	111	0
Hexachloroethane	0.521	0.537	.05	-3.1	20	110	0
Nitrobenzene-d5	1.06	1.178	.05	-11.1	20	113	0
Naphthalene-d8	1	1	.05	0	20	103	0
Naphthalene	1.033	1.054	.05	-2	20	109	0
Hexachlorobutadiene	0.208	0.21	.05	-1	20	105	0
2-Methylnaphthalene	0.681	0.719	.05	-5.6	20	109	0
1-Methylnaphthalene	0.644	0.689	.05	-7	20	110	0
2-Fluorobiphenyl	0.85	0.87	.05	-2.4	20	104	0
2-Chloronaphthalene	0.707	0.723	.05	-2.3	20	105	0
Acenaphthylene	1.09	1.13	.05	-3.7	20	105	0
Acenaphthene-d10	1	1	.05	0	20	102	0
Acenaphthene	1.372	1.349	.05	1.7	20	102	0
Fluorene	1.512	1.498	.05	0.9	20	101	0
2,4,6-Tribromophenol	0.266	0.25	.05	6	20	96	0
Phenanthrene-d10	1	1	.05	0	20	98	0
4,6-Dinitro-o-cresol	1000	738.882	.05	26.1*	20	87	0
Hexachlorobenzene	0.281	0.27	.05	3.9	20	95	0
Pentachlorophenol	0.148	0.107	.05	27.7*	20	71	0
Phenanthrene	1.204	1.151	.05	4.4	20	98	0
Anthracene	1.154	1.14	.05	1.2	20	98	0
Fluoranthene	1.419	1.356	.05	4.4	20	96	0
Pyrene	1.475	1.399	.05	5.2	20	94	0
4-Terphenyl-d14	0.83	0.883	.05	-6.4	20	104	0
Chrysene-d12	1	1	.05	0	20	96	0
Benzo[a]anthracene	1000	900.011	.05	10	20	94	0
Chrysene	1.536	1.438	.05	6.4	20	94	0
Bis(2-ethylhexyl)phthalate	0.791	0.722	.05	8.7	20	96	0
Perylene-d12	1	1	.05	0	20	103	0
Benzo[b]fluoranthene	1.254	1.265	.05	-0.9	20	102	0
Benzo[k]fluoranthene	1.291	1.275	.05	1.2	20	102	0
Benzo[a]pyrene	1.201	1.23	.05	-2.4	20	105	0
Indeno[1,2,3-cd]pyrene	1.08	1.2	.05	-11.1	20	113	0
Dibenzo[a,h]anthracene	1.071	1.253	.05	-17	20	111	0
Benzo[g,h,i]perylene	1.218	1.305	.05	-7.1	20	111	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011		
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3		
Instrument ID	: SV125	**Calibration Date**	: 06/14/19 15:10		
Lab File ID	: CCV0614Z	**Init. Calib. Date(s)**	: 06/13/19	06/13/19	
Sample No	: WG1248729-3	**Init. Calib. Times**	: 12:48	15:11	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	117	0
2-Fluorophenol	1.016	1.167	.05	-14.9	20	135	0
Phenol-d6	1.256	1.412	.05	-12.4	20	139	0
Bis(2-chloroethyl)ether	1.069	1.219	.05	-14	20	135	0
n-nitrosodi-n-propylamine	0.675	0.814	.05	-20.6*	20	143	0
Hexachloroethane	0.543	0.549	.05	-1.1	20	124	0
Nitrobenzene-d5	1.073	1.265	.05	-17.9	20	138	0
Naphthalene-d8	1	1	.05	0	20	123	0
Naphthalene	1.088	1.12	.05	-2.9	20	130	0
Isophorone	0.525	0.615	.05	-17.1	20	143	0
Hexachlorobutadiene	0.227	0.208	.05	8.4	20	115	0
2-Methylnaphthalene	0.727	0.769	.05	-5.8	20	133	0
1-Methylnaphthalene	0.679	0.724	.05	-6.6	20	135	0
2-Fluorobiphenyl	0.868	0.91	.05	-4.8	20	131	0
2-Chloronaphthalene	0.746	0.766	.05	-2.7	20	129	0
Acenaphthylene	1.111	1.214	.05	-9.3	20	136	0
Acenaphthene-d10	1	1	.05	0	20	129	0
Acenaphthene	1.429	1.433	.05	-0.3	20	134	0
Fluorene	1.524	1.601	.05	-5.1	20	138	0
2,4,6-Tribromophenol	1000	792.743	.05	20.7*	20	141	0
Phenanthrene-d10	1	1	.05	0	20	142	0
4,6-Dinitro-o-cresol	1000	908.362	.05	9.2	20	175	0
Hexachlorobenzene	0.304	0.266	.05	12.5	20	127	0
Pentachlorophenol	1000	730.888	.05	26.9*	20	132	0
Phenanthrene	1.26	1.215	.05	3.6	20	143	0
Anthracene	1.183	1.19	.05	-0.6	20	145	0
Fluoranthene	1.307	1.411	.05	-8	20	155	.01
Pyrene	1.348	1.451	.05	-7.6	20	153	.02
4-Terphenyl-d14	0.795	0.902	.05	-13.5	20	162	.02
Chrysene-d12	1	1	.05	0	20	153	.04
Benzo[a]anthracene	1000	972.305	.05	2.8	20	162	.04
Chrysene	1.48	1.484	.05	-0.3	20	155	.05
Bis(2-ethylhexyl)phthalate	0	0*	.05	0	20	239	.06
Perylene-d12	1	1	.05	0	20	154	.06
Benzo[b]fluoranthene	1.175	1.316	.05	-12	20	175	.06
Benzo[k]fluoranthene	1.195	1.301	.05	-8.9	20	160	.06
Benzo[a]pyrene	1.073	1.204	.05	-12.2	20	171	.06
Indeno[1,2,3-cd]pyrene	1.022	1.15	.05	-12.5	20	179	.06
Dibenzo[a,h]anthracene	1.04	1.221	.05	-17.4	20	168	.07
Benzo[g,h,i]perylene	1.152	1.234	.05	-7.1	20	163	.06

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Lisko Environmental, LLC
Project Name: FORMER PISTOIA SERVICE CENTER

Lab Number: L1924011
Project Number: 0064-3
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (NBZ)	S2 (FBP)	S3 (TPH)	S4 ()	S5 ()	S6 ()	TOT OUT
TMW-7 (L1924011-01)	105	84	90	--	--	--	0
WG1246636-1BLANK	79	79	88	--	--	--	0
WG1246636-2LCS	76	77	92	--	--	--	0
WG1246636-3LCSD	80	79	84	--	--	--	0

QC LIMITS

(30-130) NBZ = NITROBENZENE-D5
(30-130) FBP = 2-FLUOROBIPHENYL
(30-130) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NJ-BNEXT-SIM-LVI

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Matrix	: WATER		
LCS Sample ID	: WG1246636-2 **Analysis Date** : 06/14/19 13:04	**File ID**	: 246636-2
LCSD Sample ID	: WG1246636-3 **Analysis Date** : 06/14/19 13:21	**File ID**	: 246636-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	3.6	3.2	87	3.6	2.8	78	11	70-130	20
Benzo(a)pyrene	3.6	3.5	97	3.6	3.2	88	10	70-130	20
Benzo(b)fluoranthene	3.6	3.5	96	3.6	3.2	88	9	70-130	20
Benzo(k)fluoranthene	3.6	3.4	94	3.6	3.1	85	10	70-130	20
Dibenzo(a,h)anthracene	3.6	3.9	107	3.6	3.6	98	9	70-130	20
Indeno(1,2,3-cd)pyrene	3.6	3.8	104	3.6	3.4	94	10	70-130	20
Hexachlorobenzene	3.6	2.8	77	3.6	2.8	79	3	70-130	20
Hexachlorobutadiene	3.6	2.6	70	3.6	2.8	77	10	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV124	**Analysis Date**	: 06/14/19 08:47
Sample No	: WG1248552-3	**Lab File ID**	: CCV0614

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1248552-3	12618	2.05	48910	2.70	26524	3.66
Upper Limit	25236	2.55	97820	3.20	53048	4.16
Lower Limit	6309	1.55	24455	2.20	13262	3.16
Sample ID						
WG1246636-1 BLANK	12167	2.05	48246	2.70	26084	3.66
WG1246636-2 LCS	12690	2.05	49510	2.70	26904	3.66
WG1246636-3 LCSD	12695	2.05	49314	2.70	26632	3.66

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV124	**Analysis Date**	: 06/14/19 08:47
Sample No	: WG1248552-3	**Lab File ID**	: CCV0614

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1248552-3	55537	4.48	54462	6.16	66648	7.23
Upper Limit	111074	4.98	108924	6.66	133296	7.73
Lower Limit	27769	3.98	27231	5.66	33324	6.73
Sample ID						
WG1246636-1 BLANK	54576	4.49	56356	6.12	68638	7.18
WG1246636-2 LCS	55568	4.49	58276	6.12	71302	7.18
WG1246636-3 LCSD	54710	4.49	55853	6.12	68336	7.18

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV125	**Analysis Date**	: 06/14/19 15:10
Sample No	: WG1248729-3	**Lab File ID**	: CCV0614Z

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1248729-3	60578	2.33	226342	3.02	125891	4.01
Upper Limit	121156	2.83	452684	3.52	251782	4.51
Lower Limit	30289	1.83	113171	2.52	62946	3.51
Sample ID						
TMW-7	57078	2.34	230185	3.02	126501	4.01

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1924011
Project Name	: FORMER PISTOIA SERVICE CENTER	**Project Number**	: 0064-3
Instrument ID	: SV125	**Analysis Date**	: 06/14/19 15:10
Sample No	: WG1248729-3	**Lab File ID**	: CCV0614Z

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1248729-3	278541	4.86	261453	6.46	296638	7.75
Upper Limit	557082	5.36	522906	6.96	593276	8.25
Lower Limit	139271	4.36	130727	5.96	148319	7.25
Sample ID						
TMW-7	263190	4.86	226364	6.43	261855	7.71

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\190614zLVI\
Data File : 24011-01.D
Acq On : 15 Jun 2019 01:30 am
Operator : SV125:cb
Sample : 11924011-01,32,,bnext
Misc : wg1248729,wg1246636,ical15876
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jun 18 14:52:01 2019
Quant Method : I:\8270SIM\SV125\190614zLVI\SIM-LVI_190613_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Jun 13 16:28:59 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\190614zLVI\ccv0614z.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.340	152	57078	4000.000	ng/ml	0.00
Standard Area 1 = 60578			Recovery = 94.22%			
8) Naphthalene-d8	3.019	136	230185	4000.000	ng/ml	0.00
Standard Area 1 = 226342			Recovery = 101.70%			
17) Acenaphthene-d10	4.013	164	126501	4000.000	ng/ml	0.00
Standard Area 1 = 125891			Recovery = 100.48%			
21) Phenanthrene-d10	4.859	188	263190	4000.000	ng/ml	0.00
Standard Area 1 = 278541			Recovery = 94.49%			
30) Chrysene-d12	6.427	240	226364	4000.000	ng/ml	0.00
Standard Area 1 = 261453			Recovery = 86.58%			
34) Perylene-d12	7.714	264	261855	4000.000	ng/ml	0.02
Standard Area 1 = 296638			Recovery = 88.27%			
System Monitoring Compounds						
2) 2-Fluorophenol	1.760	112	57793M3	3985.547	ng/ml	0.05
Spiked Amount 50.000	Range 15 - 110		Recovery = 7971.09%#			
3) Phenol-d6	2.204	99	58345M3	3254.229	ng/ml	0.07
Spiked Amount 50.000	Range 15 - 110		Recovery = 6508.46%#			
7) Nitrobenzene-d5	2.627	82	40197	2625.208	ng/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 10500.83%#			
14) 2-Fluorobiphenyl	3.626	172	105110	2104.416	ng/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 8417.66%#			
20) 2,4,6-Tribromophenol	4.472	330	39857	3996.122	ng/ml	0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 7992.24%#			
29) 4-Terphenyl-d14	5.771	244	117189	2240.171	ng/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 8960.68%#			
Target Compounds						Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.		
23) Hexachlorobenzene	0.000		0	N.D.		
31) Benzo[a]anthracene	6.421	226	183M2	9.632	ng/ml	
35) Benzo[b]fluoranthene	0.000		0	N.D.	d	
36) Benzo[k]fluoranthene	0.000		0	N.D.	d	
37) Benzo[a]pyrene	0.000		0	N.D.	d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		
39) Dibenzo[a,h]anthracene	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\190614zLVI\
Data File : 24011-01.D
Acq On : 15 Jun 2019 01:30 am
Operator : SV125:cb
Sample : 11924011-01,32,,bnext
Misc : wg1248729,wg1246636,ical15876
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jun 18 14:52:01 2019
Quant Method : I:\8270SIM\SV125\190614zLVI\SIM-LVI_190613_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Jun 13 16:28:59 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\190614zLVI\ccv0614z.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

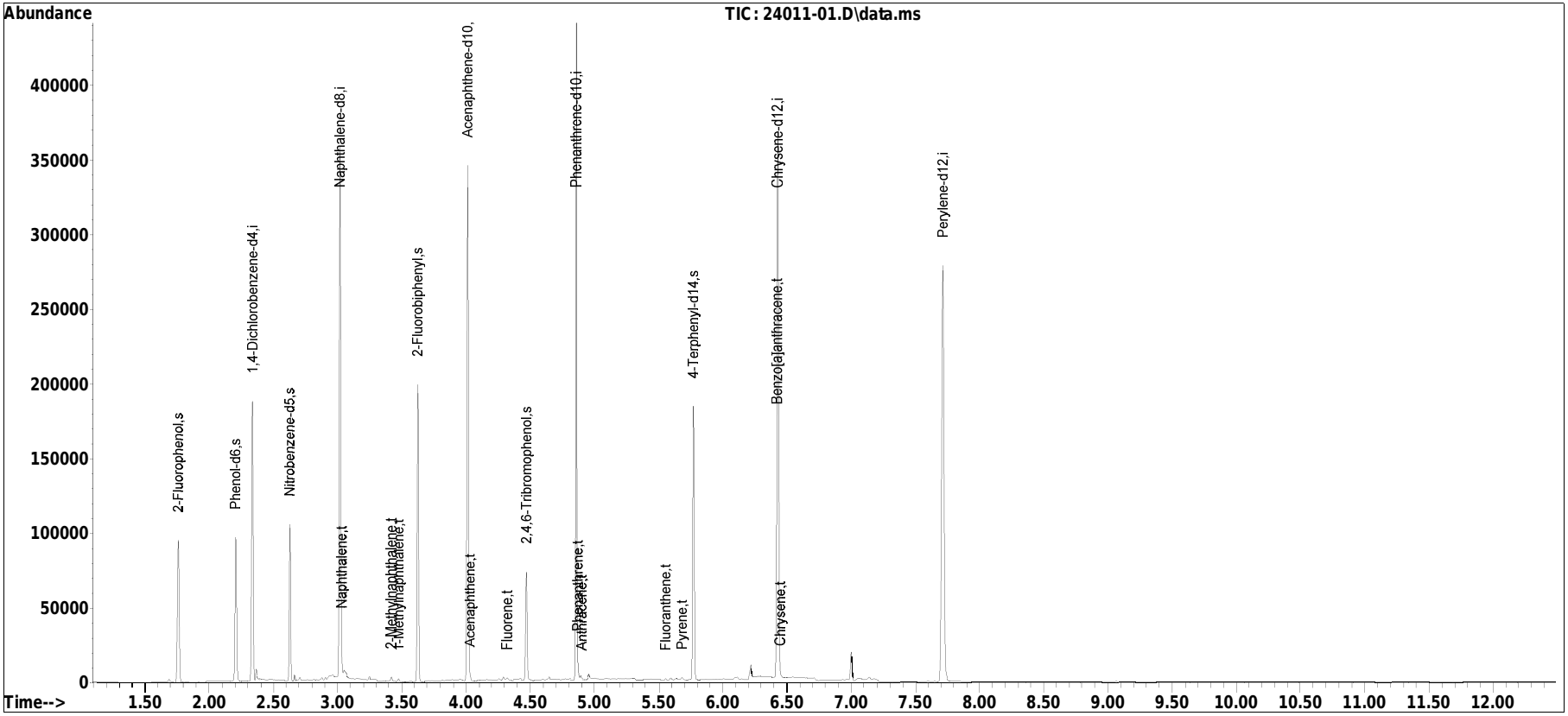
(#) = qualifier out of range (m) = manual integration (+) = signals summed

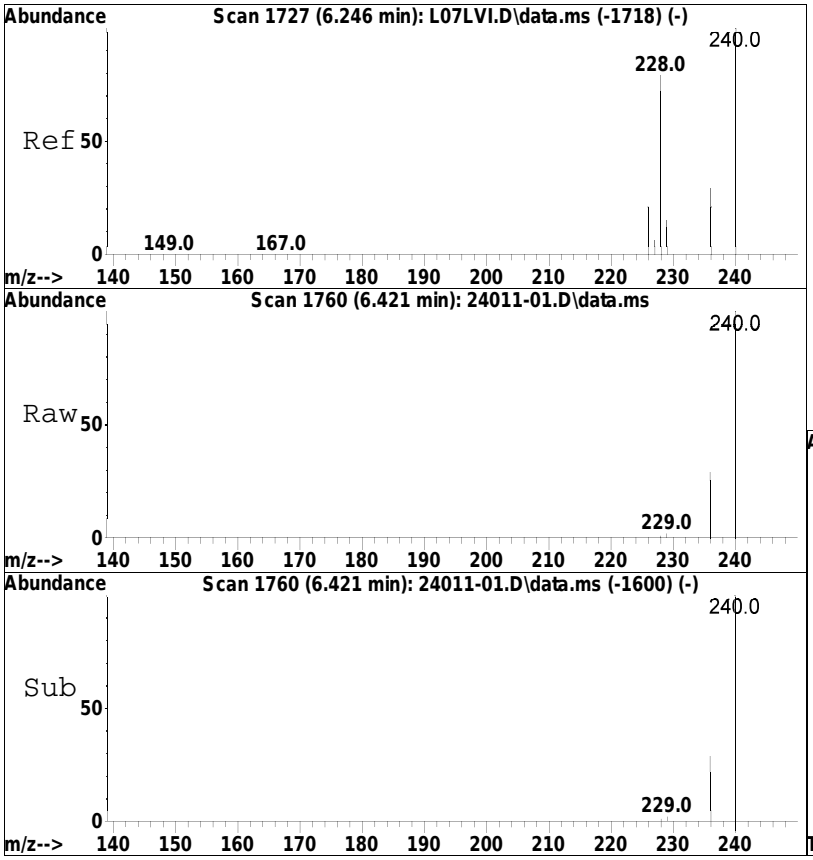
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\190614zLVI\
Data File : 24011-01.D
Acq On : 15 Jun 2019 01:30 am
Operator : SV125:cb
Sample : l1924011-01,32,,bnext
Misc : wg1248729,wg1246636,ical5876
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jun 18 14:52:01 2019
Quant Method : I:\8270SIM\SV125\190614zLVI\SIM-LVI_190613_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Jun 13 16:28:59 2019
Response via : Initial Calibration

Sub List : Default - All compounds listedI\ccv0614z.D•

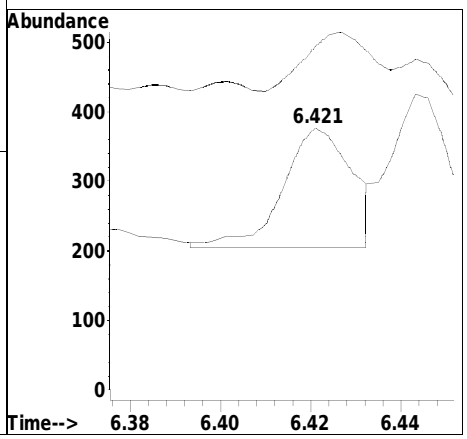




#31
Benzo[a]anthracene
Concen: 9.63 ng/ml M2
RT: 6.421 min Scan# 1760
Delta R.T. 0.012 min
Lab File: 24011-01.D
Acq: 15 Jun 2019 01:30 am

Tgt Ion:226 Resp: 183

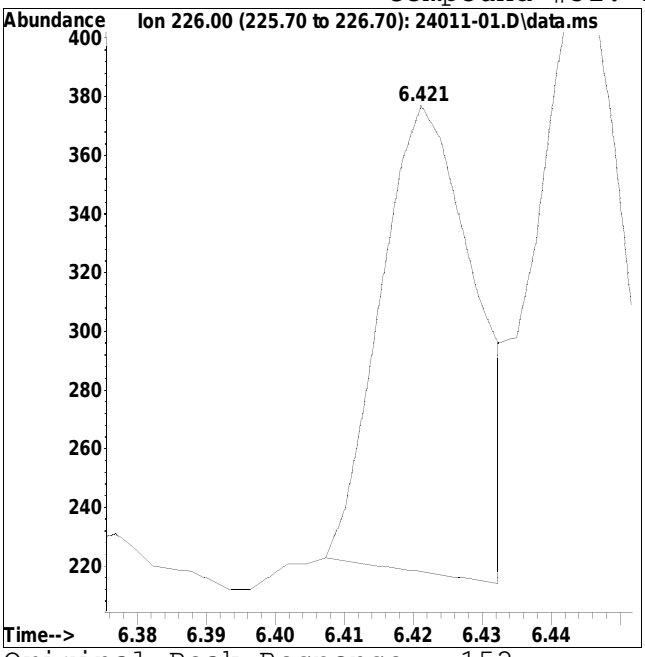
Ion	Ratio	Lower	Upper
226	100		
227	0.0	23.4	35.2#



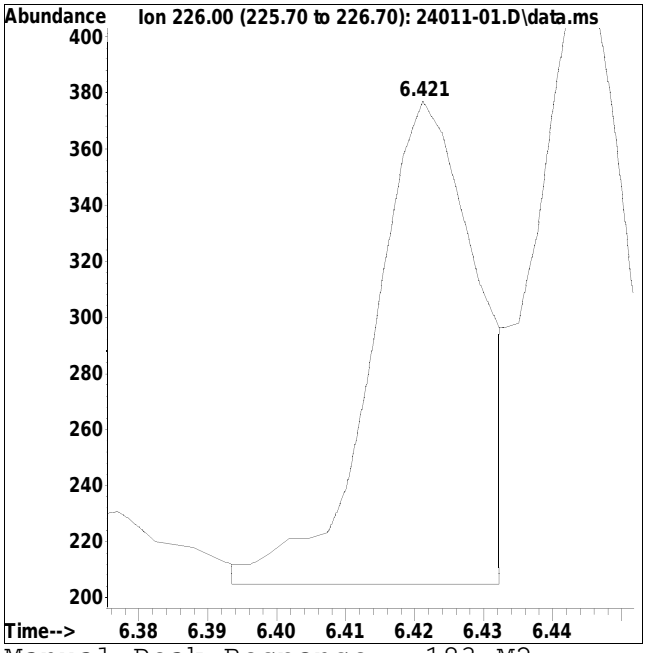
Manual Integration Report

Data Path : I:\8270SIM\SV125\190614zLVQMethod : SIM-LVI_190613_sv125.M
Data File : 24011-01.D Operator : SV125:cb
Date Inj'd : 6/15/2019 1:30 am Instrument : SV125
Sample : 11924011-01,32,,bnext Quant Date : 6/18/2019 2:49 pm

Compound #31: Benzo[a]anthracene



Original Peak Response = 152



Manual Peak Response = 183 M2

M2 = Peak not found by automatic integration algorithm.

Method Blank
Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190614LVI\
Data File : 246636-1.d
Acq On : 14 Jun 2019 12:48 pm
Operator : SV124:dv
Sample : wg1246636-1,32,,nj,cb
Misc : wg1248552,wg1246636,ical15868
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 13:33:53 2019
Quant Method : I:\8270SIM\SV124\190614LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 14 11:52:27 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV124\190614LVI\ccv0614.d
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.050	152	12167	4000.000	ng/ml	0.00
Standard Area 1 = 12618			Recovery = 96.43%			
8) Naphthalene-d8	2.704	136	48246	4000.000	ng/ml	0.00
Standard Area 1 = 48910			Recovery = 98.64%			
16) Acenaphthene-d10	3.661	164	26084	4000.000	ng/ml	0.00
Standard Area 1 = 26524			Recovery = 98.34%			
20) Phenanthrene-d10	4.487	188	54576	4000.000	ng/ml	0.00
Standard Area 1 = 55537			Recovery = 98.27%			
29) Chrysene-d12	6.120	240	56356	4000.000	ng/ml	-0.04
Standard Area 1 = 54462			Recovery = 103.48%			
33) Perylene-d12	7.179	264	68638	4000.000	ng/ml	-0.05
Standard Area 1 = 66648			Recovery = 102.99%			
System Monitoring Compounds						
2) 2-Fluorophenol	1.471	112	10802	3174.667	ng/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 6349.33%#			
3) Phenol-d6	1.881	99	10402	2516.122	ng/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 5032.24%#			
7) Nitrobenzene-d5	2.329	82	6367	1975.204	ng/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 7900.82%#			
13) 2-Fluorobiphenyl	3.295	172	20311	1981.148	ng/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 7924.59%#			
19) 2,4,6-Tribromophenol	4.100	330	5290	3051.235	ng/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 6102.47%#			
28) 4-Terphenyl-d14	5.442	244	24852	2194.080	ng/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 8776.32%#			
Target Compounds						Qvalue
10) Hexachlorobutadiene	0.000		0	N.D.		
22) Hexachlorobenzene	0.000		0	N.D.	d	
30) Benzo[a]anthracene	0.000		0	N.D.	d	
34) Benzo[b]fluoranthene	0.000		0	N.D.	d	
35) Benzo[k]fluoranthene	0.000		0	N.D.	d	
36) Benzo[a]pyrene	0.000		0	N.D.	d	
37) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	d	
38) Dibenzo[a,h]anthracene	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190614LVI\
Data File : 246636-1.d
Acq On : 14 Jun 2019 12:48 pm
Operator : SV124:dv
Sample : wg1246636-1,32,,nj,cb
Misc : wg1248552,wg1246636,ical15868
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 13:33:53 2019
Quant Method : I:\8270SIM\SV124\190614LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 14 11:52:27 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV124\190614LVI\ccv0614.d
Sub List : Default - All compounds listed

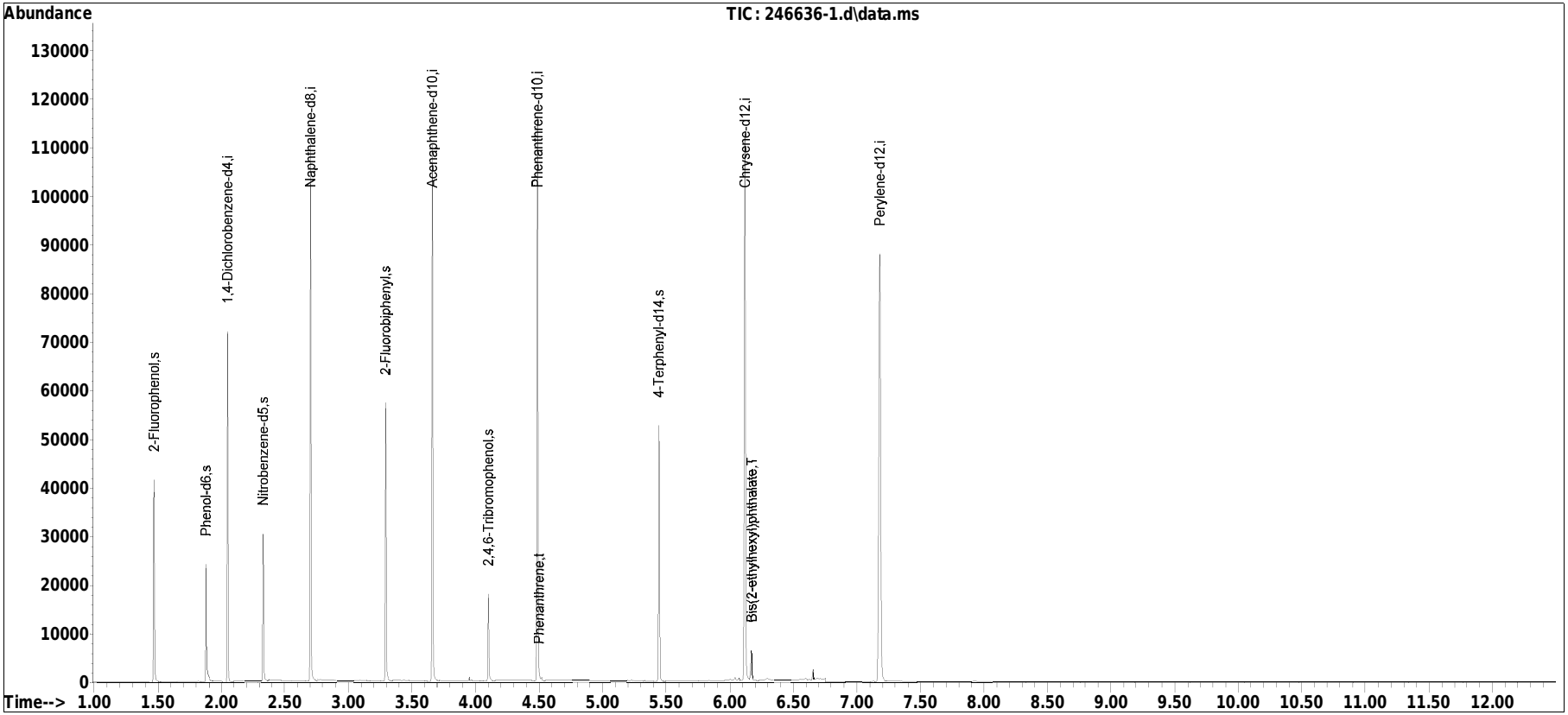
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190614LVI\
Data File : 246636-1.d
Acq On : 14 Jun 2019 12:48 pm
Operator : SV124:dv
Sample : wg1246636-1,32,,nj,cb
Misc : wg1248552,wg1246636,ical15868
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 14 13:33:53 2019
Quant Method : I:\8270SIM\SV124\190614LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 14 11:52:27 2019
Response via : Initial Calibration

Sub List : Default - All compounds listed\ccv0614.d•



Manual Integration Report

Data Path	: I:\8270SIM\SV124\190614LVI	Method	: SIM-LVI190612xsv124.M
Data File	: 246636-1.d	Operator	: SV124:dv
Date Inj'd	: 6/14/2019 12:48 pm	Instrument	: SV 124
Sample	: wg1246636-1,32,,nj,cb	Quant Date	: 6/14/2019 1:32 pm

There are no manual integrations or false positives in this file.

ALPHA ANALYTICAL

World Class Chemistry

www.alphalab.com

Lab Number: L1928159

Client: Lisko Environmental, LLC

ATTN: Jonathan Lisko

Project Name: PISTOIA TIRE CO. INC

Project Number: 0064-3

ANALYTICAL DATA PACKAGE FOR THE
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON NEW JERSEY 08625

Agency/Division:	**Bureau/Office:**
Project No: 0064-3	**Contract No:**
Laboratory: Alpha Analytical	**Laboratory Location:** Westborough, Ma.
	Laboratory Phone Number: (508) 898-9220
SDG No: L1928159	**NJDEP Certification #:** MA935
Date of First Sample Receipt: 06/27/2019	**Date of Last Sample Receipt:** 06/27/2019

Agency Sample Number	Laboratory Sample Number	Sample Location	Date/Time of Collection
MW-1	L1928159-01	PISTOIA TIRE CO. INC	06/26/2019 10:15
MW-2	L1928159-02	PISTOIA TIRE CO. INC	06/26/2019 10:46
MW-3	L1928159-03	PISTOIA TIRE CO. INC	06/26/2019 11:17
MW-4	L1928159-04	PISTOIA TIRE CO. INC	06/26/2019 11:52
FIELD BLANK	L1928159-05	PISTOIA TIRE CO. INC	06/26/2019 12:02
TRIP BLANK	L1928159-06	PISTOIA TIRE CO. INC	06/25/2019 00:00

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on disk or electronically has been authorized by the laboratory director or his/her designee, as verified by the following signature.

Technical Director/Representative (Typed)	Kelly Stenstrom	07/08/19
Technical Director/Representative (Signature)	Kelly Stenstrom	

Table of Contents

Table of Contents

Chain of Custody

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/28/19

ALPHA Job #: L1928159

Client Information

Client: Lisko Environmental
Address: 1300 Main St., P.O.Box 083
Behmar, NJ 07719
Phone: (732) 312-7316
Fax:
Email: khalil@liskoenv.com

Project Information

Project Name: PISTOIA TIRE COR INC.
Project Location: Mays Landing, NJ
Project # 0064-3
(Use Project name as Project #) ☐
Project Manager: Khalil Abbaszadeh
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☒ SEE BELOW # of Days: 1/5

Deliverables

☒ NJ Full / (Reduced)
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☒ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☒ Other NJ INT GWQS

Site Information

Is this site impacted by Petroleum? Yes ☒
Petroleum Product: GASOLINE

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
- 24-HOUR TAT FOR SAMPLES MW-1, MW-2, MW-3, MW-4
- STANDARD TAT FOR FIELD BLANK & TRIP BLANK

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC +15	BN +15	Total Bottle	Sample Specific Comments
28159-01	MW-1	6/26/19	10:15	GW	RG	X	X	5	
-02	MW-2		10:46						
-03	MW-3		11:17						
-04	MW-4		11:52						
-05	Field Blank		12:02	Blank				3	
-06	Trip Blank		—	Blank	—			2	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A							
Preservative	B	A							

Relinquished By:	Date/Time	Received By:	Date/Time
Khalil Abbaszadeh	6/27/19	AAL-6/27/19	12:3
AAL-6/27/19	17:50		21:4
	6/28 0214		6/28/19 01:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Jul 08 2019, 12:36 pm

Login Number: L1928159
Account: LISKOENV Lisko Environmental, LLCProject: 0064-3
Received: 27JUN19 Due Date: 08JUL19

Sample #	Client ID	Mat	PR	Collected
L1928159-01	MW-1		1 1A	26JUN19 10:15
| NJ-RED Package Due Date: 07/08/19				
NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NJ-RED,NJDEP				
L1928159-02	MW-2		1 1A	26JUN19 10:46
| Package Due Date: 07/08/19				
NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI				
L1928159-03	MW-3		1 1A	26JUN19 11:17
| Package Due Date: 07/08/19				
NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI				
L1928159-04	MW-4		1 1A	26JUN19 11:52
| Package Due Date: 07/08/19				
NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI				
L1928159-05	FIELD BLANK		1 S0	26JUN19 12:02
| Package Due Date: 07/08/19				
NJ-8260				
L1928159-06	TRIP BLANK		1 S0	25JUN19 00:00
| Package Due Date: 07/08/19				
NJ-8260				

Logged By: Shaniya Langford

ALPHA ANALYTICAL LABORATORIES
Container Tracking Report

Container ID	Type	Status	Transaction Date	From Response	From Location	From Operator	To Response	To Location	To Operator
L1928159-01A	Vial-B	INTACT	29-JUN-19	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L1928159-01A	Vial-B	INTACT	28-JUN-19	CUSTODY	V56-06 CUSTODY	Anthony Moriondo	GC/MS	GC/MS	Anthony Moriondo
L1928159-01A	Vial-B	INTACT	28-JUN-19	CUSTODY	CUSTODY	Geoffry Grace	V56-06 CUSTODY	V56-06 CUSTODY	Geoffry Grace
L1928159-01A	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-01B	Vial-B	INTACT	28-JUN-19		CUSTODY	Lierymell Cruz	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Lierymell Cruz
L1928159-01B	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-01C	Vial-B	INTACT	28-JUN-19	CUSTODY	CUSTODY	Geoffry Grace	V65-03 CUSTODY	V65-03 CUSTODY	Geoffry Grace
L1928159-01C	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-01D	Amber-A.25	INTACT	28-JUN-19		CUSTODY	Brennan Williams	W25-S5-B CUSTODY	W25-S5-B CUSTODY	Brennan Williams
L1928159-01D	Amber-A.25	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-01E	Amber-A.25	EMPTY	28-JUN-19		ORGPREP	Peter Pellerin	CUSTODY	CUSTODY	Peter Pellerin
L1928159-01E	Amber-A.25	INTACT	28-JUN-19		W25-S5-B CUSTODY	Shaun Mordo	ORGPREP	ORGPREP	Shaun Mordo
L1928159-01E	Amber-A.25	INTACT	28-JUN-19		CUSTODY	Brennan Williams	W25-S5-B CUSTODY	W25-S5-B CUSTODY	Brennan Williams
L1928159-01E	Amber-A.25	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-02A	Vial-B	INTACT	29-JUN-19	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L1928159-02A	Vial-B	INTACT	28-JUN-19	CUSTODY	V56-06 CUSTODY	Anthony Moriondo	GC/MS	GC/MS	Anthony Moriondo
L1928159-02A	Vial-B	INTACT	28-JUN-19	CUSTODY	CUSTODY	Geoffry Grace	V56-06 CUSTODY	V56-06 CUSTODY	Geoffry Grace
L1928159-02A	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-02B	Vial-B	INTACT	28-JUN-19		CUSTODY	Lierymell Cruz	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Lierymell Cruz
L1928159-02B	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-02C	Vial-B	INTACT	28-JUN-19	CUSTODY	CUSTODY	Geoffry Grace	V65-03 CUSTODY	V65-03 CUSTODY	Geoffry Grace
L1928159-02C	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-02D	Amber-A.25	EMPTY	28-JUN-19		ORGPREP	Peter Pellerin	CUSTODY	CUSTODY	Peter Pellerin
L1928159-02D	Amber-A.25	INTACT	28-JUN-19		W25-S5-B CUSTODY	Shaun Mordo	ORGPREP	ORGPREP	Shaun Mordo
L1928159-02D	Amber-A.25	INTACT	28-JUN-19		CUSTODY	Brennan Williams	W25-S5-B CUSTODY	W25-S5-B CUSTODY	Brennan Williams

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1928159-02D	Amber-A.25	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-02E	Amber-A.25	INTACT	28-JUN-19		CUSTODY	Brennan Williams	W25-S5-B CUSTODY	W25-S5-B CUSTODY	Brennan Williams
L1928159-02E	Amber-A.25	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-03A	Vial-B	INTACT	29-JUN-19	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L1928159-03A	Vial-B	INTACT	28-JUN-19	CUSTODY	V56-06 CUSTODY	Anthony Moriondo	GC/MS	GC/MS	Anthony Moriondo
L1928159-03A	Vial-B	INTACT	28-JUN-19	CUSTODY	CUSTODY	Geoffry Grace	V56-06 CUSTODY	V56-06 CUSTODY	Geoffry Grace
L1928159-03A	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-03B	Vial-B	INTACT	28-JUN-19		CUSTODY	Lierymell Cruz	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Lierymell Cruz
L1928159-03B	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-03C	Vial-B	INTACT	28-JUN-19	CUSTODY	CUSTODY	Geoffry Grace	V65-03 CUSTODY	V65-03 CUSTODY	Geoffry Grace
L1928159-03C	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-03D	Amber-A.25	EMPTY	28-JUN-19		ORGPREP	Peter Pellerin	CUSTODY	CUSTODY	Peter Pellerin
L1928159-03D	Amber-A.25	INTACT	28-JUN-19		W25-S5-B CUSTODY	Shaun Mordo	ORGPREP	ORGPREP	Shaun Mordo
L1928159-03D	Amber-A.25	INTACT	28-JUN-19		CUSTODY	Brennan Williams	W25-S5-B CUSTODY	W25-S5-B CUSTODY	Brennan Williams
L1928159-03D	Amber-A.25	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-03E	Amber-A.25	INTACT	28-JUN-19		CUSTODY	Brennan Williams	W25-S5-B CUSTODY	W25-S5-B CUSTODY	Brennan Williams
L1928159-03E	Amber-A.25	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-04A	Vial-B	INTACT	29-JUN-19	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L1928159-04A	Vial-B	INTACT	28-JUN-19	CUSTODY	V56-06 CUSTODY	Anthony Moriondo	GC/MS	GC/MS	Anthony Moriondo
L1928159-04A	Vial-B	INTACT	28-JUN-19	CUSTODY	CUSTODY	Geoffry Grace	V56-06 CUSTODY	V56-06 CUSTODY	Geoffry Grace
L1928159-04A	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-04B	Vial-B	INTACT	28-JUN-19		CUSTODY	Lierymell Cruz	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Lierymell Cruz
L1928159-04B	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-04C	Vial-B	INTACT	28-JUN-19	CUSTODY	CUSTODY	Geoffry Grace	V65-03 CUSTODY	V65-03 CUSTODY	Geoffry Grace
L1928159-04C	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1928159-04D	Amber-A.25	EMPTY	28-JUN-19		ORGPREP	Peter Pellerin	CUSTODY	CUSTODY	Peter Pellerin
L1928159-04D	Amber-A.25	INTACT	28-JUN-19		W25-S5-B CUSTODY	Shaun Mordo	ORGPREP	ORGPREP	Shaun Mordo
L1928159-04D	Amber-A.25	INTACT	28-JUN-19		CUSTODY	Brennan Williams	W25-S5-B CUSTODY	W25-S5-B CUSTODY	Brennan Williams
L1928159-04D	Amber-A.25	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-04E	Amber-A.25	INTACT	28-JUN-19		CUSTODY	Brennan Williams	W25-S5-B CUSTODY	W25-S5-B CUSTODY	Brennan Williams
L1928159-04E	Amber-A.25	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-05A	Vial-B	INTACT	03-JUL-19	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L1928159-05A	Vial-B	INTACT	02-JUL-19	CUSTODY	V56-06 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L1928159-05A	Vial-B	INTACT	28-JUN-19	CUSTODY	CUSTODY	Geoffry Grace	V56-06 CUSTODY	V56-06 CUSTODY	Geoffry Grace
L1928159-05A	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-05B	Vial-B	INTACT	28-JUN-19	CUSTODY	CUSTODY	Geoffry Grace	V65-03 CUSTODY	V65-03 CUSTODY	Geoffry Grace
L1928159-05B	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-05C	Vial-B	INTACT	28-JUN-19	CUSTODY	CUSTODY	Geoffry Grace	V65-03 CUSTODY	V65-03 CUSTODY	Geoffry Grace
L1928159-05C	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-06A	Vial-B	INTACT	03-JUL-19	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L1928159-06A	Vial-B	INTACT	02-JUL-19	CUSTODY	V56-06 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L1928159-06A	Vial-B	INTACT	28-JUN-19	CUSTODY	CUSTODY	Geoffry Grace	V56-06 CUSTODY	V56-06 CUSTODY	Geoffry Grace
L1928159-06A	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L1928159-06B	Vial-B	INTACT	28-JUN-19	CUSTODY	CUSTODY	Geoffry Grace	V65-03 CUSTODY	V65-03 CUSTODY	Geoffry Grace
L1928159-06B	Vial-B	INTACT	28-JUN-19	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford

Methodology Review

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Laboratory Chronicle

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1928159-01A	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L1928159-01B	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L1928159-01C	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L1928159-01D	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L1928159-01E	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L1928159-02A	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L1928159-02B	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L1928159-02C	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L1928159-02D	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L1928159-02E	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L1928159-03A	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L1928159-03B	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L1928159-03C	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L1928159-03D	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L1928159-03E	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L1928159-04A	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L1928159-04B	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L1928159-04C	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L1928159-04D	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L1928159-04E	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L1928159-05A	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L1928159-05B	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L1928159-05C	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1928159-06A	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L1928159-06B	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)

*Values in parentheses indicate holding time in days

NJ DEP
Data of Known Quality Protocols
Conformance/Non-Conformance
Summary Questionnaire

NJ DEP Data of Known Quality Protocols
Conformance/Non-Conformance
Summary Questionnaire

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	YES
1a	Were the method specified handling, preservation, and holding time requirements met?	YES
1b	EPH Method: Was the EPH Method conducted without significant modifications (see Section 11.3 of respective DKQ methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (4 ± 2° C)?	YES
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	NO
5a	Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?	YES
5b	Were these reporting limits met?	NO
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	YES
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	NO

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1a or #1b is "No", the data package does not meet the requirements for "Data of Known Quality".

Conformance/Non-Conformance Summary

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

July 08, 2019: This final report includes the results of all requested analyses.

July 01, 2019: This is a preliminary report.

June 28, 2019: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

DKQP Related Narratives

Volatile Organics

In reference to question 5b:

L1928159-01 through -06: One or more of the target analytes did not achieve the requested regulatory limits.

In reference to question 4:

WG1255980-3/-4: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Please refer to the QC section of the report for specific details.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom Report Date: 07/08/19

Title: Technical Director/Representative

Glossary

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Organics

GC/MS 8260
Analysis

Sample Results Summary

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-01	Date Collected	: 06/26/19 10:15
Client ID	: MW-1	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/28/19 08:50
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190628A06	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U
74-87-3	Chloromethane	ND	2.5	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-01	Date Collected	: 06/26/19 10:15
Client ID	: MW-1	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/28/19 08:50
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190628A06	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	4.0	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-01	**Date Collected**	: 06/26/19 10:15
Client ID	: MW-1	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 06/28/19 08:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VG190628A06	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-01	**Date Collected**	: 06/26/19 10:15
Client ID	: MW-1	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 06/28/19 08:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VG190628A06	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
001066-40-6	Silanol, trimethyl-	5.37	1.34	NJ
	Total TIC Compounds		1.34J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-02	Date Collected	: 06/26/19 10:46
Client ID	: MW-2	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/28/19 09:15
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190628A07	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U
74-87-3	Chloromethane	ND	2.5	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-02	Date Collected	: 06/26/19 10:46
Client ID	: MW-2	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/28/19 09:15
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190628A07	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-02	**Date Collected**	: 06/26/19 10:46
Client ID	: MW-2	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 06/28/19 09:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VG190628A07	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-02	**Date Collected**	: 06/26/19 10:46
Client ID	: MW-2	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 06/28/19 09:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VG190628A07	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-03D	Date Collected	: 06/26/19 11:17
Client ID	: MW-3	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/28/19 10:06
Sample Matrix	: WATER	Dilution Factor	: 2.5
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190628A09	Instrument ID	: GONZO
Sample Amount	: 4 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	0.88	U
123-91-1	1,4-Dioxane	ND	620	150	U
106-93-4	1,2-Dibromoethane	ND	5.0	0.48	U
75-09-2	Methylene chloride	ND	6.2	1.7	U
75-34-3	1,1-Dichloroethane	ND	1.9	0.52	U
67-66-3	Chloroform	ND	1.9	0.56	U
56-23-5	Carbon tetrachloride	ND	1.2	0.34	U
78-87-5	1,2-Dichloropropane	ND	2.5	0.34	U
124-48-1	Dibromochloromethane	ND	1.2	0.37	U
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.36	U
127-18-4	Tetrachloroethene	ND	1.2	0.45	U
108-90-7	Chlorobenzene	ND	1.2	0.44	U
75-69-4	Trichlorofluoromethane	ND	6.2	0.40	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.33	U
71-55-6	1,1,1-Trichloroethane	ND	1.2	0.40	U
75-27-4	Bromodichloromethane	ND	1.2	0.48	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.41	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	0.36	U
542-75-6	1,3-Dichloropropene, Total	ND	1.2	0.36	U
75-25-2	Bromoform	ND	5.0	0.62	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.2	0.42	U
71-43-2	Benzene	3.4	1.2	0.40	
108-88-3	Toluene	ND	1.9	0.51	U
100-41-4	Ethylbenzene	320	1.2	0.42	
74-87-3	Chloromethane	ND	6.2	0.50	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-03D	Date Collected	: 06/26/19 11:17
Client ID	: MW-3	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/28/19 10:06
Sample Matrix	: WATER	Dilution Factor	: 2.5
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190628A09	Instrument ID	: GONZO
Sample Amount	: 4 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-83-9	Bromomethane	ND	2.5	0.64	U
75-01-4	Vinyl chloride	ND	0.50	0.18	U
75-00-3	Chloroethane	ND	2.5	0.34	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.42	U
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.41	U
79-01-6	Trichloroethene	ND	1.2	0.44	U
95-50-1	1,2-Dichlorobenzene	ND	6.2	0.46	U
541-73-1	1,3-Dichlorobenzene	ND	6.2	0.46	U
106-46-7	1,4-Dichlorobenzene	ND	6.2	0.47	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.42	U
179601-23-1	p/m-Xylene	540	2.5	0.83	
95-47-6	o-Xylene	3.7	2.5	0.98	
1330-20-7	Xylenes, Total	540	2.5	0.83	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.47	U
540-59-0	1,2-Dichloroethene, Total	ND	1.2	0.41	U
100-42-5	Styrene	ND	2.5	0.90	U
75-71-8	Dichlorodifluoromethane	ND	12	0.61	U
67-64-1	Acetone	ND	12	3.6	U
75-15-0	Carbon disulfide	ND	12	0.75	U
78-93-3	2-Butanone	ND	12	4.8	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.0	U
591-78-6	2-Hexanone	ND	12	1.3	U
74-97-5	Bromochloromethane	ND	6.2	0.38	U
98-82-8	Isopropylbenzene	18	1.2	0.47	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	0.58	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-03D	**Date Collected**	: 06/26/19 11:17
Client ID	: MW-3	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 06/28/19 10:06
Sample Matrix	: WATER	**Dilution Factor**	: 2.5
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VG190628A09	**Instrument ID**	: GONZO
Sample Amount	: 4 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	0.55	U
79-20-9	Methyl Acetate	ND	5.0	0.58	U
110-82-7	Cyclohexane	3.4	25	0.68	J
108-87-2	Methyl cyclohexane	1.8	25	0.99	J
76-13-1	Freon-113	ND	6.2	0.37	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-03D	**Date Collected**	: 06/26/19 11:17
Client ID	: MW-3	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 06/28/19 10:06
Sample Matrix	: WATER	**Dilution Factor**	: 2.5
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VG190628A09	**Instrument ID**	: GONZO
Sample Amount	: 4 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 9 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000103-65-1	Benzene, propyl-	11.65	39.2	NJ
	Unknown Benzene	11.75	230	J
	Unknown Benzene	11.86	91.1	J
	Unknown Benzene	12.08	97.2	J
	Unknown Benzene	12.26	270	J
000496-11-7	Indane	12.84	86.2	NJ
	Unknown Aromatic	14.09	17.6	J
000091-20-3	Naphthalene	14.79	21.2	NJ
	Total TIC Compounds		853J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-04	Date Collected	: 06/26/19 11:52
Client ID	: MW-4	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/28/19 09:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190628A08	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U
74-87-3	Chloromethane	ND	2.5	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-04	Date Collected	: 06/26/19 11:52
Client ID	: MW-4	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/28/19 09:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190628A08	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	2.0	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-04	**Date Collected**	: 06/26/19 11:52
Client ID	: MW-4	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 06/28/19 09:41
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VG190628A08	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-04	**Date Collected**	: 06/26/19 11:52
Client ID	: MW-4	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 06/28/19 09:41
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VG190628A08	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-05	Date Collected	: 06/26/19 12:02
Client ID	: FIELD BLANK	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 07/02/19 13:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190702A13	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U
74-87-3	Chloromethane	ND	2.5	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-05	Date Collected	: 06/26/19 12:02
Client ID	: FIELD BLANK	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 07/02/19 13:20
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190702A13	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	2.4	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-05	**Date Collected**	: 06/26/19 12:02
Client ID	: FIELD BLANK	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 07/02/19 13:20
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VG190702A13	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-05	**Date Collected**	: 06/26/19 12:02
Client ID	: FIELD BLANK	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 07/02/19 13:20
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VG190702A13	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.04	1.44	J
	Total TIC Compounds		1.44J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-06	Date Collected	: 06/25/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 07/02/19 13:46
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190702A14	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U
74-87-3	Chloromethane	ND	2.5	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-06	Date Collected	: 06/25/19 00:00
Client ID	: TRIP BLANK	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 07/02/19 13:46
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: NLK
Lab File ID	: VG190702A14	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-06	**Date Collected**	: 06/25/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 07/02/19 13:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VG190702A14	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-06	**Date Collected**	: 06/25/19 00:00
Client ID	: TRIP BLANK	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 07/02/19 13:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: VG190702A14	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.04	1.07	J
	Total TIC Compounds		1.07J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: WG1254435-5	Date Collected	: NA
Client ID	: WG1254435-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 06/28/19 08:25
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190628A05	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	80	250	61.	J
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U
74-87-3	Chloromethane	ND	2.5	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: WG1254435-5	Date Collected	: NA
Client ID	: WG1254435-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 06/28/19 08:25
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190628A05	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: WG1254435-5	**Date Collected**	: NA
Client ID	: WG1254435-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 06/28/19 08:25
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VG190628A05	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: WG1254435-5	**Date Collected**	: NA
Client ID	: WG1254435-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 06/28/19 08:25
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VG190628A05	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: WG1255980-5	Date Collected	: NA
Client ID	: WG1255980-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/02/19 09:56
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VG190702A05	Instrument ID	: GONZO
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U
74-87-3	Chloromethane	ND	2.5	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: WG1255980-5	**Date Collected**	: NA
Client ID	: WG1255980-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/02/19 09:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VG190702A05	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-83-9	Bromomethane	0.28	1.0	0.26	J
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: WG1255980-5	**Date Collected**	: NA
Client ID	: WG1255980-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/02/19 09:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VG190702A05	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: WG1255980-5	**Date Collected**	: NA
Client ID	: WG1255980-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/02/19 09:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: VG190702A05	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
007446-09-5	Sulfur dioxide	2.03	12.3	NJ
	Total TIC Compounds		12.3J	J

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: GONZO	**Analysis Date**	: 05/24/19 13:08
Tune Standard	: WG1241239-1	**Tune File ID**	: VG190524BF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	23.7
75	30.0 - 60.0% of mass 95	48.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.7 (.8)1
174	Greater than 50.0 of mass 95	90.8
175	5.0 - 9.0% of mass 174	6.9 (7.6)1
176	95.0 - 101% of mass 174	89.5 (98.5)1
177	5.0 - 9.0% of mass 176	6 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
0.2ug/L	R1190406-1	VG190524A04	05/24/19 14:43
0.5ug/L	R1190406-2	VG190524A06	05/24/19 15:34
2ug/L	R1190406-3	VG190524A08	05/24/19 16:25
10ug/L	R1190406-5	VG190524A09	05/24/19 16:50
30ug/L	R1190406-4	VG190524A10	05/24/19 17:16
80ug/L	R1190406-6	VG190524A11	05/24/19 17:42
120ug/L	R1190406-7	VG190524A12	05/24/19 18:08
200ug/L	R1190406-8	VG190524A13	05/24/19 18:33
ICV Quant Report	R1190406-9	VG190524A20	05/24/19 21:32

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: GONZO	**Analysis Date**	: 06/28/19 06:29
Tune Standard	: WG1254435-1	**Tune File ID**	: VG190628ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	25.4
75	30.0 - 60.0% of mass 95	49.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1.1 (1.3)1
174	Greater than 50.0 of mass 95	85.9
175	5.0 - 9.0% of mass 174	6.6 (7.7)1
176	95.0 - 101% of mass 174	83.9 (97.7)1
177	5.0 - 9.0% of mass 176	6 (7.1)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1254435-2CCAL	WG1254435-2	VG190628A02	06/28/19 07:08
WG1254435-3LCS	WG1254435-3	VG190628A02	06/28/19 07:08
WG1254435-4LCSD	WG1254435-4	VG190628A03	06/28/19 07:34
WG1254435-5BLANK	WG1254435-5	VG190628A05	06/28/19 08:25
MW-1	L1928159-01	VG190628A06	06/28/19 08:50
MW-2	L1928159-02	VG190628A07	06/28/19 09:15
MW-4	L1928159-04	VG190628A08	06/28/19 09:41
MW-3	L1928159-03D	VG190628A09	06/28/19 10:06

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: GONZO	**Analysis Date**	: 07/02/19 08:00
Tune Standard	: WG1255980-1	**Tune File ID**	: VG190702ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	24.5
75	30.0 - 60.0% of mass 95	49.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.9 (1)1
174	Greater than 50.0 of mass 95	89.2
175	5.0 - 9.0% of mass 174	6.7 (7.5)1
176	95.0 - 101% of mass 174	87.1 (97.7)1
177	5.0 - 9.0% of mass 176	5.6 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1255980-2CCAL	WG1255980-2	VG190702A02	07/02/19 08:39
WG1255980-3LCS	WG1255980-3	VG190702A02	07/02/19 08:39
WG1255980-4LCSD	WG1255980-4	VG190702A03	07/02/19 09:04
WG1255980-5BLANK	WG1255980-5	VG190702A05	07/02/19 09:56
FIELD BLANK	L1928159-05	VG190702A13	07/02/19 13:20
TRIP BLANK	L1928159-06	VG190702A14	07/02/19 13:46

Blank Results Summary

Method Blank Summary
Form 4
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab Sample ID	: WG1254435-5	**Lab File ID**	: VG190628A05
Instrument ID	: GONZO		
Matrix	: WATER	**Analysis Date**	: 06/28/19 08:25

Client Sample No.	Lab Sample ID	Analysis Date
WG1254435-3LCS	WG1254435-3	06/28/19 07:08
WG1254435-4LCSD	WG1254435-4	06/28/19 07:34
MW-1	L1928159-01	06/28/19 08:50
MW-2	L1928159-02	06/28/19 09:15
MW-4	L1928159-04	06/28/19 09:41
MW-3	L1928159-03D	06/28/19 10:06

Method Blank Summary
Form 4
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab Sample ID	: WG1255980-5	**Lab File ID**	: VG190702A05
Instrument ID	: GONZO		
Matrix	: WATER	**Analysis Date**	: 07/02/19 09:56

Client Sample No.	Lab Sample ID	Analysis Date
WG1255980-3LCS	WG1255980-3	07/02/19 08:39
WG1255980-4LCSD	WG1255980-4	07/02/19 09:04
FIELD BLANK	L1928159-05	07/02/19 13:20
TRIP BLANK	L1928159-06	07/02/19 13:46

Standards Data Summary

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1928159**
Project Name	**: PISTOIA TIRE CO. INC**	**Project Number**	**: 0064-3**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL15822**
Calibration dates	**: 05/24/19 14:43 05/24/19 18:33**		

Calibration Files

L11 =VG190524A04.D L1 =VG190524A06.D L2 =VG190524A08.D L3 =VG190524A09.D L4 =VG190524A10.D

L6 =VG190524A11.D L8 =VG190524A12.D L10 =VG190524A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.115	0.153	0.182	0.173	0.178	0.177	0.180	0.165	14.70
3)	TP	Chloromethane		0.237	0.276	0.304	0.270	0.279	0.277	0.281	0.275	7.22
4)	TC	Vinyl chloride	0.174	0.228	0.255	0.290	0.271	0.283	0.276	0.284	0.258	15.31
5)	TP	Bromomethane		0.169	0.168	0.167	0.149	0.151	0.158	0.164	0.161	5.14
6)	TP	Chloroethane		0.170	0.151	0.168	0.157	0.161	0.162	0.162	0.162	4.03
7)	TP	Trichlorofluor		0.243	0.294	0.343	0.327	0.341	0.340	0.349	0.320	11.95
8)	TP	Ethyl ether		0.075	0.095	0.098	0.091	0.095	0.097	0.099	0.093	8.86
10)	TC	1,1-Dichloroet		0.142	0.169	0.192	0.181	0.193	0.194	0.200	0.181	11.17
11)	TP	Carbon disulfide		0.504	0.522	0.569	0.537	0.574	0.577	0.608	0.556	6.51
12)	TP	Freon-113		0.144	0.164	0.198	0.196	0.206	0.204	0.215	0.190	13.57
13)	TP	Iodomethane			0.125	0.169	0.210	0.236	0.228	0.234	*L	0.9988
14)	TP	Acrolein			0.022	0.026	0.025	0.027	0.028	0.027	0.026	8.22
15)	TP	Methylene chlo		0.191	0.181	0.204	0.193	0.196	0.198	0.202	0.195	3.93
17)	TP	Acetone			0.038	0.036	0.033	0.034	0.036	0.033	0.035	5.30
18)	TP	trans-1,2-Dich		0.179	0.196	0.212	0.201	0.211	0.208	0.216	0.203	6.31
19)	TP	Methyl acetate		0.120	0.114	0.116	0.107	0.118	0.119	0.118	0.116	3.74
20)	TP	Methyl tert butyl ether		0.407	0.449	0.492	0.472	0.499	0.502	0.515	0.477	7.89
21)	TP	tert-Butyl alc			0.006	0.007	0.006	0.007	0.008	0.006	0.007	10.42
22)	TP	Diisopropyl ether		0.712	0.764	0.858	0.813	0.845	0.846	0.879	0.817	7.25
23)	TP	1,1-Dichloroet		0.375	0.409	0.450	0.426	0.440	0.441	0.457	0.428	6.64
24)	TP	Halothane		0.124	0.140	0.173	0.166	0.174	0.174	0.180	0.162	13.08
25)	TP	Acrylonitrile		0.043	0.048	0.052	0.049	0.052	0.052	0.052	0.050	6.92
26)	TP	Ethyl tert-but		0.580	0.594	0.695	0.679	0.722	0.734	0.770	0.682	10.45
27)	TP	Vinyl acetate		0.412	0.450	0.519	0.512	0.565	0.578	0.598	0.519	13.16
28)	TP	cis-1,2-Dichlo		0.175	0.212	0.230	0.220	0.226	0.226	0.231	0.217	9.02
29)	TP	2,2-Dichloropr		0.234	0.258	0.303	0.285	0.301	0.303	0.311	0.285	10.05
30)	TP	Bromochloromet		0.064	0.088	0.101	0.092	0.096	0.094	0.096	0.090	13.45
31)	TP	Cyclohexane		0.322	0.383	0.457	0.440	0.466	0.461	0.489	0.431	13.50
32)	TC	Chloroform		0.330	0.341	0.394	0.362	0.377	0.380	0.392	0.368	6.69
33)	TP	Ethyl acetate			0.676	0.214	0.186	0.194	0.188	0.182	*Q	0.9963
34)	TP	Carbon tetrachloride	0.169	0.238	0.252	0.293	0.286	0.310	0.309	0.323	0.273	18.76
35)	TP	Tetrahydrofuran			0.050	0.051	0.045	0.047	0.047	0.045	0.048	5.00
36)	S	Dibromofluoromethane	0.237	0.243	0.243	0.239	0.236	0.240	0.240	0.248	0.241	1.59
37)	TP	1,1,1-Trichlor		0.271	0.309	0.361	0.349	0.361	0.353	0.364	0.338	10.45
39)	TP	2-Butanone		0.061	0.079	0.073	0.065	0.068	0.069	0.066	0.069	8.62

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1928159**
Project Name	**: PISTOIA TIRE CO. INC**	**Project Number**	**: 0064-3**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL15822**
Calibration dates	**: 05/24/19 14:43 05/24/19 18:33**		

Calibration Files

L11 =VG190524A04.D L1 =VG190524A06.D L2 =VG190524A08.D L3 =VG190524A09.D L4 =VG190524A10.D

L6 =VG190524A11.D L8 =VG190524A12.D L10 =VG190524A13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP	1,1-Dichloropr		0.255	0.274	0.318	0.301	0.309	0.306	0.315	0.297	7.89
41) TP	Benzene	0.721	0.780	0.817	0.909	0.862	0.882	0.878	0.914	0.845	8.02
42) TP	Tertiary-Amyl Methyl Ether		0.418	0.466	0.535	0.524	0.559	0.562	0.586	0.521	11.41
43) S	1,2-Dichloroethane-d4	0.281	0.284	0.289	0.278	0.274	0.292	0.297	0.316	0.289	4.63
44) TP	1,2-Dichloroet		0.293	0.263	0.300	0.286	0.292	0.293	0.300	0.290	4.41
47) TP	Methyl cyclohe		0.310	0.345	0.417	0.400	0.425	0.416	0.448	0.395	12.39
48) TP	Trichloroethene	0.191	0.199	0.212	0.236	0.226	0.237	0.238	0.253	0.224	9.60
50) TP	Dibromomethane		0.109	0.109	0.120	0.112	0.118	0.119	0.121	0.115	4.63
51) TC	1,2-Dichloropr		0.201	0.212	0.241	0.228	0.238	0.237	0.244	0.229	7.13
53) TP	2-Chloroethyl		0.092	0.120	0.130	0.124	0.133	0.131	0.130	0.123	11.64
54) TP	Bromodichlorom		0.231	0.270	0.286	0.281	0.294	0.292	0.303	0.280	8.60
57) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	18.71
58) TP	cis-1,3-Dichlo		0.277	0.304	0.343	0.330	0.350	0.353	0.364	0.332	9.33
59) I	Chlorobenzene-d5	----------ISTD----------									
60) S	Toluene-d8	1.352	1.372	1.364	1.329	1.359	1.313	1.298	1.280	1.333	2.53
61) TC	Toluene		0.650	0.735	0.786	0.761	0.755	0.753	0.776	0.745	6.06
62) TP	4-Methyl-2-pen		0.067	0.073	0.085	0.081	0.086	0.086	0.086	0.080	9.56
63) TP	Tetrachloroethene		0.282	0.319	0.354	0.347	0.346	0.343	0.351	0.335	7.67
65) TP	trans-1,3-Dich		0.335	0.352	0.385	0.390	0.402	0.401	0.411	0.383	7.36
67) TP	Ethyl methacry		0.233	0.235	0.271	0.280	0.300	0.301	0.308	0.275	11.31
68) TP	1,1,2-Trichlor		0.180	0.192	0.188	0.180	0.186	0.185	0.187	0.185	2.29
69) TP	Chlorodibromom		0.208	0.231	0.259	0.266	0.273	0.274	0.278	0.255	10.17
70) TP	1,3-Dichloropr		0.343	0.372	0.384	0.374	0.372	0.370	0.366	0.369	3.43
71) TP	1,2-Dibromoethane		0.177	0.197	0.216	0.209	0.211	0.208	0.207	0.204	6.49
72) TP	2-Hexanone		0.134	0.140	0.152	0.149	0.160	0.159	0.151	0.149	6.31
73) TP	Chlorobenzene		0.711	0.755	0.836	0.804	0.802	0.811	0.824	0.792	5.53
74) TC	Ethylbenzene		1.303	1.387	1.535	1.497	1.507	1.522	1.572	1.475	6.44
75) TP	1,1,1,2-Tetrac		0.234	0.250	0.280	0.278	0.285	0.289	0.293	0.273	8.12
76) TP	p/m Xylene		0.488	0.504	0.582	0.574	0.586	0.592	0.612	0.562	8.40
77) TP	o Xylene		0.452	0.481	0.536	0.534	0.555	0.558	0.571	0.527	8.34
78) TP	Styrene		0.700	0.798	0.880	0.886	0.929	0.942	0.961	0.871	10.63
79) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80) TP	Bromoform		0.271	0.279	0.313	0.319	0.343	0.353	0.352	0.319	10.52
82) TP	Isopropylbenzene		2.608	2.696	2.947	2.755	2.802	2.830	2.883	2.789	4.09
83) S	4-Bromofluorobenzene	0.939	0.957	0.926	0.922	0.903	0.897	0.906	0.870	0.915	2.95
84) TP	Bromobenzene		0.666	0.655	0.698	0.643	0.649	0.656	0.657	0.661	2.74

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1928159**
Project Name	**: PISTOIA TIRE CO. INC**	**Project Number**	**: 0064-3**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL15822**
Calibration dates	**: 05/24/19 14:43 05/24/19 18:33**		

Calibration Files
L11 =VG190524A04.D L1 =VG190524A06.D L2 =VG190524A08.D L3 =VG190524A09.D L4 =VG190524A10.D
L6 =VG190524A11.D L8 =VG190524A12.D L10 =VG190524A13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP	n-Propylbenzene		2.981	3.218	3.568	3.361	3.445	3.447	3.527	3.364	6.06
86) TP	1,4-Dichlorobu		0.808	0.793	0.839	0.795	0.800	0.812	0.815	0.809	1.92
87) TP	1,1,2,2-Tetrac		0.502	0.514	0.500	0.459	0.468	0.468	0.459	0.481	4.78
88) TP	4-Ethyltoluene		2.267	2.486	2.741	2.593	2.605	2.630	2.703	2.575	6.17
89) TP	2-Chlorotoluene		1.630	1.763	1.937	1.813	1.927	1.916	1.905	1.842	6.19
90) TP	1,3,5-Trimethy		2.017	2.137	2.395	2.261	2.309	2.324	2.403	2.264	6.23
91) TP	1,2,3-Trichlor		0.418	0.422	0.423	0.382	0.404	0.407	0.399	0.408	3.58
92) TP	trans-1,4-Dich		0.134	0.146	0.156	0.143	0.155	0.158	0.158	0.150	6.09
93) TP	4-Chlorotoluene		1.844	1.881	2.012	1.912	1.913	1.934	2.002	1.928	3.17
94) TP	tert-Butylbenzene		1.784	1.858	2.105	1.955	1.998	1.988	2.050	1.963	5.62
97) TP	1,2,4-Trimethy		2.014	2.067	2.343	2.216	2.263	2.274	2.350	2.218	5.91
98) TP	sec-Butylbenzene		2.345	2.646	2.958	2.793	2.862	2.838	2.938	2.769	7.71
99) TP	p-Isopropyltol		2.172	2.373	2.658	2.545	2.620	2.590	2.685	2.520	7.33
100) TP	1,3-Dichlorobe		1.205	1.224	1.309	1.254	1.266	1.253	1.294	1.258	2.90
101) TP	1,4-Dichlorobe		1.304	1.306	1.349	1.255	1.264	1.257	1.295	1.290	2.64
102) TP	p-Diethylbenzene		1.150	1.356	1.506	1.447	1.492	1.479	1.558	1.427	9.59
103) TP	n-Butylbenzene		1.953	2.179	2.478	2.364	2.428	2.391	2.539	2.333	8.65
104) TP	1,2-Dichlorobe		1.106	1.187	1.192	1.136	1.136	1.133	1.166	1.151	2.75
105) TP	1,2,4,5-Tetram		1.794	1.953	2.147	2.110	2.180	2.161	2.312	2.094	8.10
106) TP	1,2-Dibromo-3-		0.031	0.062	0.066	0.068	0.071	0.072	0.072	*L	0.9997
107) TP	1,3,5-Trichlor		0.792	0.843	0.926	0.882	0.892	0.875	0.926	0.877	5.42
108) TP	Hexachlorobuta		0.295	0.350	0.397	0.377	0.403	0.399	0.417	0.377	11.16
109) TP	1,2,4-Trichlor		0.824	0.774	0.790	0.757	0.762	0.755	0.791	0.779	3.15
110) TP	Naphthalene		1.465	1.517	1.535	1.436	1.479	1.457	1.475	1.481	2.33
111) TP	1,2,3-Trichlor		0.564	0.615	0.664	0.651	0.661	0.656	0.666	0.640	5.84

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159		
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3		
Instrument ID	: GONZO	**Calibration Date**	: 06/28/19 07:08		
Lab File ID	: VG190628A02	**Init. Calib. Date(s)**	: 05/24/19	05/24/19	
Sample No	: WG1254435-2	**Init. Calib. Times**	: 14:43	18:33	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	108	0
Dichlorodifluoromethane	0.165	0.191	-	-15.8	20	113	-.01
Chloromethane	0.275	0.198	-	28*	20	70	0
Vinyl chloride	0.258	0.245	-	5	20	91	0
Bromomethane	0.161	0.076	-	52.8*	20	49	0
Chloroethane	0.162	0.149	-	8	20	96	.01
Trichlorofluoromethane	0.32	0.301	-	5.9	20	95	0
Ethyl ether	0.093	0.09	-	3.2	20	99	0
1,1-Dichloroethene	0.181	0.165	-	8.8	20	93	0
Carbon disulfide	0.556	0.523	-	5.9	20	99	0
Freon-113	0.19	0.176	-	7.4	20	96	0
Iodomethane	10	2.043	-	79.6*	20	11	-.01
Acrolein	0.026	0.023	-	11.5	20	92	0
Methylene chloride	0.195	0.19	-	2.6	20	100	-.01
Acetone	0.035	0.038	-	-8.6	20	113	-.01
trans-1,2-Dichloroethene	0.203	0.191	-	5.9	20	97	0
Methyl acetate	0.116	0.113	-	2.6	20	106	0
Methyl tert-butyl ether	0.477	0.448	-	6.1	20	98	0
tert-Butyl alcohol	0.00671	0.00948	-	-41.3*	20	150	0
Diisopropyl ether	0.817	0.815	-	0.2	20	102	-.01
1,1-Dichloroethane	0.428	0.419	-	2.1	20	101	0
Halothane	0.162	0.156	-	3.7	20	97	0
Acrylonitrile	0.05	0.048	-	4	20	99	0
Ethyl tert-butyl ether	0.682	0.65	-	4.7	20	101	-.01
Vinyl acetate	0.519	0.529	-	-1.9	20	110	0
cis-1,2-Dichloroethene	0.217	0.21	-	3.2	20	98	-.01
2,2-Dichloropropane	0.285	0.308	-	-8.1	20	109	0
Bromochloromethane	0.09	0.095	-	-5.6	20	101	0
Cyclohexane	0.431	0.389	-	9.7	20	92	0
Chloroform	0.368	0.36	-	2.2	20	99	0
Ethyl acetate	10	15.66	-	-56.6*	20	179	0
Carbon tetrachloride	0.273	0.277	-	-1.5	20	102	0
Tetrahydrofuran	0.048	0.045	-	6.3	20	96	0
Dibromofluoromethane	0.241	0.236	-	2.1	20	106	0
1,1,1-Trichloroethane	0.338	0.334	-	1.2	20	100	0
2-Butanone	0.069	0.069	-	0	20	102	-.01
1,1-Dichloropropene	0.297	0.282	-	5.1	20	96	0
Benzene	0.845	0.844	-	0.1	20	100	0
tert-Amyl methyl ether	0.521	0.488	-	6.3	20	98	0
1,2-Dichloroethane-d4	0.289	0.296	-	-2.4	20	114	0
1,2-Dichloroethane	0.29	0.295	-	-1.7	20	106	-.01
Methyl cyclohexane	0.395	0.355	-	10.1	20	92	0
Trichloroethene	0.224	0.222	-	0.9	20	101	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159		
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3		
Instrument ID	: GONZO	**Calibration Date**	: 06/28/19 07:08		
Lab File ID	: VG190628A02	**Init. Calib. Date(s)**	: 05/24/19	05/24/19	
Sample No	: WG1254435-2	**Init. Calib. Times**	: 14:43	18:33	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.115	0.112	-	2.6	20	101	0
1,2-Dichloropropane	0.229	0.226	-	1.3	20	101	0
Bromodichloromethane	0.28	0.271	-	3.2	20	102	0
1,4-Dioxane	0.00064	0.00068	-	-6.2	20	102	0
cis-1,3-Dichloropropene	0.332	0.306	-	7.8	20	96	0
Chlorobenzene-d5	1	1	-	0	20	100	0
Toluene-d8	1.333	1.426	-	-7	20	107	-.01
Toluene	0.745	0.774	-	-3.9	20	99	0
4-Methyl-2-pentanone	0.08	0.079	-	1.3	20	93	0
Tetrachloroethene	0.335	0.338	-	-0.9	20	96	0
trans-1,3-Dichloropropene	0.383	0.389	-	-1.6	20	101	0
Ethyl methacrylate	0.275	0.266	-	3.3	20	98	0
1,1,2-Trichloroethane	0.185	0.186	-	-0.5	20	99	0
Chlorodibromomethane	0.255	0.259	-	-1.6	20	100	0
1,3-Dichloropropane	0.369	0.381	-	-3.3	20	99	-.01
1,2-Dibromoethane	0.204	0.211	-	-3.4	20	98	0
2-Hexanone	0.149	0.143	-	4	20	94	0
Chlorobenzene	0.792	0.812	-	-2.5	20	97	0
Ethylbenzene	1.475	1.477	-	-0.1	20	96	-.01
1,1,1,2-Tetrachloroethane	0.273	0.288	-	-5.5	20	103	-.01
p/m Xylene	0.562	0.559	-	0.5	20	96	0
o Xylene	0.527	0.526	-	0.2	20	98	0
Styrene	0.871	0.842	-	3.3	20	96	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	100	0
Bromoform	0.319	0.32	-	-0.3	20	102	0
Isopropylbenzene	2.789	2.845	-	-2	20	96	0
4-Bromofluorobenzene	0.915	0.92	-	-0.5	20	100	0
Bromobenzene	0.661	0.665	-	-0.6	20	95	0
n-Propylbenzene	3.364	3.454	-	-2.7	20	97	0
1,4-Dichlorobutane	0.809	0.83	-	-2.6	20	99	-.01
1,1,2,2-Tetrachloroethane	0.481	0.465	-	3.3	20	93	-.01
4-Ethyltoluene	2.575	2.687	-	-4.3	20	98	0
2-Chlorotoluene	1.842	2.014	-	-9.3	20	104	0
1,3,5-Trimethylbenzene	2.264	2.298	-	-1.5	20	96	0
1,2,3-Trichloropropane	0.408	0.415	-	-1.7	20	98	0
trans-1,4-Dichloro-2-buten	0.15	0.1	-	33.3*	20	64	-.01
4-Chlorotoluene	1.928	2.02	-	-4.8	20	100	0
tert-Butylbenzene	1.963	1.995	-	-1.6	20	95	0
1,2,4-Trimethylbenzene	2.218	2.26	-	-1.9	20	96	0
sec-Butylbenzene	2.769	2.787	-	-0.7	20	94	0
p-Isopropyltoluene	2.52	2.457	-	2.5	20	92	0
1,3-Dichlorobenzene	1.258	1.285	-	-2.1	20	98	0
1,4-Dichlorobenzene	1.29	1.298	-	-0.6	20	96	-.01

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159	
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3	
Instrument ID	: GONZO	**Calibration Date**	: 06/28/19 07:08	
Lab File ID	: VG190628A02	**Init. Calib. Date(s)**	: 05/24/19	05/24/19
Sample No	: WG1254435-2	**Init. Calib. Times**	: 14:43	18:33
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.427	1.398	-	2	20	93	0
n-Butylbenzene	2.333	2.289	-	1.9	20	92	0
1,2-Dichlorobenzene	1.151	1.137	-	1.2	20	95	0
1,2,4,5-Tetramethylbenzene	2.094	1.878	-	10.3	20	87	0
1,2-Dibromo-3-chloropropan	10	8.692	-	13.1	20	91	0
1,3,5-Trichlorobenzene	0.877	0.796	-	9.2	20	86	0
Hexachlorobutadiene	0.377	0.291	-	22.8*	20	73	0
1,2,4-Trichlorobenzene	0.779	0.593	-	23.9*	20	75	0
Naphthalene	1.481	1.016	-	31.4*	20	66	0
1,2,3-Trichlorobenzene	0.64	0.45	-	29.7*	20	68	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159		
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3		
Instrument ID	: GONZO	**Calibration Date**	: 07/02/19 08:39		
Lab File ID	: VG190702A02	**Init. Calib. Date(s)**	: 05/24/19	05/24/19	
Sample No	: WG1255980-2	**Init. Calib. Times**	: 14:43	18:33	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	115	0
Dichlorodifluoromethane	0.165	0.195	-	-18.2	20	123	-.01
Chloromethane	0.275	0.211	-	23.3*	20	80	0
Vinyl chloride	0.258	0.254	-	1.6	20	100	0
Bromomethane	0.161	0.037	-	77*	20	26	0
Chloroethane	0.162	0.147	-	9.3	20	101	.01
Trichlorofluoromethane	0.32	0.326	-	-1.9	20	109	0
Ethyl ether	0.093	0.091	-	2.2	20	107	0
1,1-Dichloroethene	0.181	0.178	-	1.7	20	107	0
Carbon disulfide	0.556	0.581	-	-4.5	20	117	.01
Freon-113	0.19	0.181	-	4.7	20	105	0
Iodomethane	10	1.73	-	82.7*	20	7	0
Acrolein	0.026	0.022	-	15.4	20	97	0
Methylene chloride	0.195	0.191	-	2.1	20	107	-.01
Acetone	0.035	0.04	-	-14.3	20	126	-.01
trans-1,2-Dichloroethene	0.203	0.197	-	3	20	107	0
Methyl acetate	0.116	0.121	-	-4.3	20	120	0
Methyl tert-butyl ether	0.477	0.464	-	2.7	20	108	0
tert-Butyl alcohol	0.00671	0.00975	-	-45.3*	20	165	0
Diisopropyl ether	0.817	0.803	-	1.7	20	107	-.01
1,1-Dichloroethane	0.428	0.426	-	0.5	20	109	0
Halothane	0.162	0.161	-	0.6	20	106	0
Acrylonitrile	0.05	0.05	-	0	20	111	0
Ethyl tert-butyl ether	0.682	0.67	-	1.8	20	111	-.01
Vinyl acetate	0.519	0.544	-	-4.8	20	120	0
cis-1,2-Dichloroethene	0.217	0.214	-	1.4	20	107	0
2,2-Dichloropropane	0.285	0.303	-	-6.3	20	115	0
Bromochloromethane	0.09	0.094	-	-4.4	20	106	0
Cyclohexane	0.431	0.41	-	4.9	20	103	0
Chloroform	0.368	0.36	-	2.2	20	105	0
Ethyl acetate	10	13.234	-	-32.3*	20	169	0
Carbon tetrachloride	0.273	0.288	-	-5.5	20	113	0
Tetrahydrofuran	0.048	0.048	-	0	20	108	0
Dibromofluoromethane	0.241	0.239	-	0.8	20	115	0
1,1,1-Trichloroethane	0.338	0.351	-	-3.8	20	112	-.01
2-Butanone	0.069	0.074	-	-7.2	20	117	-.01
1,1-Dichloropropene	0.297	0.291	-	2	20	105	0
Benzene	0.845	0.84	-	0.6	20	106	0
tert-Amyl methyl ether	0.521	0.495	-	5	20	106	0
1,2-Dichloroethane-d4	0.289	0.302	-	-4.5	20	124	0
1,2-Dichloroethane	0.29	0.298	-	-2.8	20	114	0
Methyl cyclohexane	0.395	0.371	-	6.1	20	102	0
Trichloroethene	0.224	0.224	-	0	20	109	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159		
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3		
Instrument ID	: GONZO	**Calibration Date**	: 07/02/19 08:39		
Lab File ID	: VG190702A02	**Init. Calib. Date(s)**	: 05/24/19	05/24/19	
Sample No	: WG1255980-2	**Init. Calib. Times**	: 14:43	18:33	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.115	0.116	-	-0.9	20	111	0
1,2-Dichloropropane	0.229	0.223	-	2.6	20	106	0
Bromodichloromethane	0.28	0.276	-	1.4	20	111	0
1,4-Dioxane	0.00064	0.00053	-	17.2	20	84	-.01
cis-1,3-Dichloropropene	0.332	0.304	-	8.4	20	102	0
Chlorobenzene-d5	1	1	-	0	20	108	-.01
Toluene-d8	1.333	1.407	-	-5.6	20	115	0
Toluene	0.745	0.762	-	-2.3	20	105	0
4-Methyl-2-pentanone	0.08	0.078	-	2.5	20	100	0
Tetrachloroethene	0.335	0.342	-	-2.1	20	105	0
trans-1,3-Dichloropropene	0.383	0.369	-	3.7	20	104	0
Ethyl methacrylate	0.275	0.27	-	1.8	20	108	0
1,1,2-Trichloroethane	0.185	0.185	-	0	20	107	0
Chlorodibromomethane	0.255	0.263	-	-3.1	20	110	0
1,3-Dichloropropane	0.369	0.375	-	-1.6	20	106	-.01
1,2-Dibromoethane	0.204	0.211	-	-3.4	20	106	-.01
2-Hexanone	0.149	0.152	-	-2	20	109	0
Chlorobenzene	0.792	0.797	-	-0.6	20	103	0
Ethylbenzene	1.475	1.466	-	0.6	20	104	0
1,1,1,2-Tetrachloroethane	0.273	0.284	-	-4	20	110	0
p/m Xylene	0.562	0.555	-	1.2	20	103	0
o Xylene	0.527	0.503	-	4.6	20	102	0
Styrene	0.871	0.839	-	3.7	20	103	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	105	0
Bromoform	0.319	0.339	-	-6.3	20	113	0
Isopropylbenzene	2.789	2.886	-	-3.5	20	103	0
4-Bromofluorobenzene	0.915	0.951	-	-3.9	20	108	0
Bromobenzene	0.661	0.676	-	-2.3	20	101	0
n-Propylbenzene	3.364	3.563	-	-5.9	20	105	0
1,4-Dichlorobutane	0.809	0.864	-	-6.8	20	108	-.01
1,1,2,2-Tetrachloroethane	0.481	0.496	-	-3.1	20	104	-.01
4-Ethyltoluene	2.575	2.676	-	-3.9	20	102	0
2-Chlorotoluene	1.842	1.962	-	-6.5	20	106	0
1,3,5-Trimethylbenzene	2.264	2.362	-	-4.3	20	103	-.01
1,2,3-Trichloropropane	0.408	0.432	-	-5.9	20	107	0
trans-1,4-Dichloro-2-buten	0.15	0.096	-	36*	20	64	0
4-Chlorotoluene	1.928	2.015	-	-4.5	20	105	0
tert-Butylbenzene	1.963	2.032	-	-3.5	20	101	0
1,2,4-Trimethylbenzene	2.218	2.259	-	-1.8	20	101	0
sec-Butylbenzene	2.769	2.859	-	-3.3	20	101	0
p-Isopropyltoluene	2.52	2.524	-	-0.2	20	100	0
1,3-Dichlorobenzene	1.258	1.311	-	-4.2	20	105	0
1,4-Dichlorobenzene	1.29	1.316	-	-2	20	102	-.01

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159	
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3	
Instrument ID	: GONZO	**Calibration Date**	: 07/02/19 08:39	
Lab File ID	: VG190702A02	**Init. Calib. Date(s)**	: 05/24/19	05/24/19
Sample No	: WG1255980-2	**Init. Calib. Times**	: 14:43	18:33
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.427	1.399	-	2	20	97	0
n-Butylbenzene	2.333	2.322	-	0.5	20	98	0
1,2-Dichlorobenzene	1.151	1.13	-	1.8	20	99	0
1,2,4,5-Tetramethylbenzene	2.094	1.884	-	10	20	92	0
1,2-Dibromo-3-chloropropan	10	8.761	-	12.4	20	97	-.01
1,3,5-Trichlorobenzene	0.877	0.809	-	7.8	20	92	0
Hexachlorobutadiene	0.377	0.297	-	21.2*	20	78	0
1,2,4-Trichlorobenzene	0.779	0.622	-	20.2*	20	82	0
Naphthalene	1.481	1.087	-	26.6*	20	74	0
1,2,3-Trichlorobenzene	0.64	0.483	-	24.5*	20	76	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Lisko Environmental, LLC
Project Name: PISTOIA TIRE CO. INC

Lab Number: L1928159
Project Number: 0064-3
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-1 (L1928159-01)	104	107	108	100	0
MW-2 (L1928159-02)	102	106	106	101	0
MW-3 (L1928159-03D)	102	106	100	98	0
MW-4 (L1928159-04)	103	106	108	99	0
FIELD BLANK (L1928159-05)	107	106	106	100	0
TRIP BLANK (L1928159-06)	107	106	107	101	0
WG1254435-3LCS	102	107	101	98	0
WG1254435-4LCSD	107	108	100	98	0
WG1254435-5BLANK	104	107	103	98	0
WG1255980-3LCS	104	106	104	99	0
WG1255980-4LCSD	108	106	103	99	0
WG1255980-5BLANK	104	105	109	99	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

FORM II NJ-8260

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Matrix	: WATER		
LCS Sample ID	: WG1254435-3	**Analysis Date** : 06/28/19 07:08	**File ID** : VG190628A02
LCSD Sample ID	: WG1254435-4	**Analysis Date** : 06/28/19 07:34	**File ID** : VG190628A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dibromo-3-chloropropane	10	8.7	87	10	8.5	85	2	40-160	20
1,4-Dioxane	500	530	106	500	580	116	9	40-160	20
1,2-Dibromoethane	10	10	100	10	10	100	0	70-130	20
Methylene chloride	10	9.7	97	10	9.3	93	4	70-130	20
1,1-Dichloroethane	10	9.8	98	10	9.7	97	1	70-130	20
Chloroform	10	9.8	98	10	9.5	95	3	70-130	20
Carbon tetrachloride	10	10	100	10	9.9	99	1	70-130	20
1,2-Dichloropropane	10	9.9	99	10	9.6	96	3	70-130	20
Dibromochloromethane	10	10	100	10	10	100	0	70-130	20
1,1,2-Trichloroethane	10	10	100	10	10	100	0	70-130	20
Tetrachloroethene	10	10	100	10	9.8	98	2	70-130	20
Chlorobenzene	10	10	100	10	10	100	0	70-130	20
Trichlorofluoromethane	10	9.4	94	10	9.2	92	2	40-160	20
1,2-Dichloroethane	10	10	100	10	9.8	98	2	70-130	20
1,1,1-Trichloroethane	10	9.9	99	10	9.7	97	2	70-130	20
Bromodichloromethane	10	9.7	97	10	9.7	97	0	70-130	20
trans-1,3-Dichloropropene	10	10	100	10	9.9	99	1	70-130	20
cis-1,3-Dichloropropene	10	9.2	92	10	9.2	92	0	70-130	20
Bromoform	10	10	100	10	10	100	0	40-160	20
1,1,2,2-Tetrachloroethane	10	9.7	97	10	9.8	98	1	40-160	20
Benzene	10	10	100	10	9.6	96	4	70-130	20
Toluene	10	10	100	10	10	100	0	70-130	20
Ethylbenzene	10	10	100	10	10	100	0	70-130	20
Chloromethane	10	7.2	72	10	7.0	70	3	40-160	20
Bromomethane	10	4.7	47	10	4.4	44	7	40-160	20
Vinyl chloride	10	9.5	95	10	9.1	91	4	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Matrix	: WATER		
LCS Sample ID	: WG1254435-3	**Analysis Date** : 06/28/19 07:08	**File ID** : VG190628A02
LCSD Sample ID	: WG1254435-4	**Analysis Date** : 06/28/19 07:34	**File ID** : VG190628A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Chloroethane	10	9.2	92	10	9.1	91	1	40-160	20
1,1-Dichloroethene	10	9.1	91	10	9.2	92	1	70-130	20
trans-1,2-Dichloroethene	10	9.4	94	10	9.3	93	1	70-130	20
Trichloroethene	10	9.9	99	10	9.5	95	4	70-130	20
1,2-Dichlorobenzene	10	9.9	99	10	9.8	98	1	70-130	20
1,3-Dichlorobenzene	10	10	100	10	10	100	0	70-130	20
1,4-Dichlorobenzene	10	10	100	10	10	100	0	70-130	20
Methyl tert butyl ether	10	9.4	94	10	9.3	93	1	70-130	20
p/m-Xylene	20	20	100	20	20	100	0	70-130	20
o-Xylene	20	20	100	20	20	100	0	70-130	20
cis-1,2-Dichloroethene	10	9.6	96	10	9.3	93	3	70-130	20
Styrene	20	19	95	20	19	95	0	40-160	20
Dichlorodifluoromethane	10	12	120	10	11	110	9	40-160	20
Acetone	10	11	110	10	11	110	0	40-160	20
Carbon disulfide	10	9.4	94	10	9.2	92	2	40-160	20
2-Butanone	10	10	100	10	9.8	98	2	40-160	20
4-Methyl-2-pentanone	10	9.8	98	10	9.3	93	5	40-160	20
2-Hexanone	10	9.6	96	10	9.4	94	2	40-160	20
Bromochloromethane	10	10	100	10	10	100	0	70-130	20
Isopropylbenzene	10	10	100	10	10	100	0	70-130	20
1,2,3-Trichlorobenzene	10	7.0	70	10	7.1	71	1	70-130	20
1,2,4-Trichlorobenzene	10	7.6	76	10	7.8	78	3	70-130	20
Methyl Acetate	10	9.8	98	10	9.7	97	1	70-130	20
Cyclohexane	10	9.0	90	10	8.7	87	3	70-130	20
Methyl cyclohexane	10	9.0	90	10	8.5	85	6	70-130	20
Freon-113	10	9.3	93	10	8.7	87	7	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Matrix	: WATER		
LCS Sample ID	: WG1255980-3	**Analysis Date** : 07/02/19 08:39	**File ID** : VG190702A02
LCSD Sample ID	: WG1255980-4	**Analysis Date** : 07/02/19 09:04	**File ID** : VG190702A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dibromo-3-chloropropane	10	8.8	88	10	8.7	87	1	40-160	20
1,4-Dioxane	500	410	82	500	370	74	10	40-160	20
1,2-Dibromoethane	10	10	100	10	11	110	10	70-130	20
Methylene chloride	10	9.8	98	10	10	100	2	70-130	20
1,1-Dichloroethane	10	9.9	99	10	10	100	1	70-130	20
Chloroform	10	9.8	98	10	9.9	99	1	70-130	20
Carbon tetrachloride	10	10	100	10	10	100	0	70-130	20
1,2-Dichloropropane	10	9.8	98	10	9.9	99	1	70-130	20
Dibromochloromethane	10	10	100	10	10	100	0	70-130	20
1,1,2-Trichloroethane	10	10	100	10	10	100	0	70-130	20
Tetrachloroethene	10	10	100	10	10	100	0	70-130	20
Chlorobenzene	10	10	100	10	10	100	0	70-130	20
Trichlorofluoromethane	10	10	100	10	10	100	0	40-160	20
1,2-Dichloroethane	10	10	100	10	10	100	0	70-130	20
1,1,1-Trichloroethane	10	10	100	10	10	100	0	70-130	20
Bromodichloromethane	10	9.9	99	10	10	100	1	70-130	20
trans-1,3-Dichloropropene	10	9.6	96	10	10	100	4	70-130	20
cis-1,3-Dichloropropene	10	9.2	92	10	9.4	94	2	70-130	20
Bromoform	10	11	110	10	11	110	0	40-160	20
1,1,2,2-Tetrachloroethane	10	10	100	10	10	100	0	40-160	20
Benzene	10	9.9	99	10	10	100	1	70-130	20
Toluene	10	10	100	10	10	100	0	70-130	20
Ethylbenzene	10	9.9	99	10	10	100	1	70-130	20
Chloromethane	10	7.7	77	10	7.0	70	10	40-160	20
Bromomethane	10	2.3	23 Q	10	2.0	20 Q	14	40-160	20
Vinyl chloride	10	9.8	98	10	10	100	2	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Matrix	: WATER		
LCS Sample ID	: WG1255980-3	**Analysis Date** : 07/02/19 08:39	**File ID** : VG190702A02
LCSD Sample ID	: WG1255980-4	**Analysis Date** : 07/02/19 09:04	**File ID** : VG190702A03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Chloroethane	10	9.1	91	10	9.2	92	1	40-160	20
1,1-Dichloroethene	10	9.8	98	10	9.7	97	1	70-130	20
trans-1,2-Dichloroethene	10	9.7	97	10	9.8	98	1	70-130	20
Trichloroethene	10	10	100	10	10	100	0	70-130	20
1,2-Dichlorobenzene	10	9.8	98	10	10	100	2	70-130	20
1,3-Dichlorobenzene	10	10	100	10	10	100	0	70-130	20
1,4-Dichlorobenzene	10	10	100	10	10	100	0	70-130	20
Methyl tert butyl ether	10	9.7	97	10	9.9	99	2	70-130	20
p/m-Xylene	20	20	100	20	20	100	0	70-130	20
o-Xylene	20	19	95	20	20	100	5	70-130	20
cis-1,2-Dichloroethene	10	9.8	98	10	10	100	2	70-130	20
Styrene	20	19	95	20	20	100	5	40-160	20
Dichlorodifluoromethane	10	12	120	10	12	120	0	40-160	20
Acetone	10	11	110	10	11	110	0	40-160	20
Carbon disulfide	10	10	100	10	10	100	0	40-160	20
2-Butanone	10	11	110	10	11	110	0	40-160	20
4-Methyl-2-pentanone	10	9.8	98	10	10	100	2	40-160	20
2-Hexanone	10	10	100	10	10	100	0	40-160	20
Bromochloromethane	10	10	100	10	11	110	10	70-130	20
Isopropylbenzene	10	10	100	10	10	100	0	70-130	20
1,2,3-Trichlorobenzene	10	7.6	76	10	7.5	75	1	70-130	20
1,2,4-Trichlorobenzene	10	8.0	80	10	8.0	80	0	70-130	20
Methyl Acetate	10	10	100	10	10	100	0	70-130	20
Cyclohexane	10	9.5	95	10	9.7	97	2	70-130	20
Methyl cyclohexane	10	9.4	94	10	9.1	91	3	70-130	20
Freon-113	10	9.6	96	10	9.8	98	2	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: GONZO	**Analysis Date**	: 06/28/19 07:08
Sample No	: WG1254435-2	**Lab File ID**	: VG190628A02

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1254435-2	249002	6.50	173531	10.08	89194	12.66
Upper Limit	498004	7.00	347062	10.58	178388	13.16
Lower Limit	124501	6.00	86766	9.58	44597	12.16
Sample ID						
WG1254435-3 LCS	249002	6.50	173531	10.08	89194	12.66
WG1254435-4 LCSD	258206	6.51	178302	10.08	90735	12.66
WG1254435-5 BLANK	239098	6.51	165681	10.08	76275	12.67
MW-1	241097	6.51	166384	10.08	75234	12.67
MW-2	234733	6.51	164282	10.08	73347	12.67
MW-4	234309	6.51	163012	10.08	72403	12.67
MW-3	233096	6.51	160124	10.08	86496	12.67

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: GONZO	**Analysis Date**	: 07/02/19 08:39
Sample No	: WG1255980-2	**Lab File ID**	: VG190702A02

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1255980-2	265173	6.51	187939	10.08	93576	12.67
Upper Limit	530346	7.01	375878	10.58	187152	13.17
Lower Limit	132587	6.01	93970	9.58	46788	12.17
Sample ID						
WG1255980-3 LCS	265173	6.51	187939	10.08	93576	12.67
WG1255980-4 LCSD	256253	6.51	179677	10.08	91311	12.67
WG1255980-5 BLANK	243065	6.51	169718	10.08	76574	12.67
FIELD BLANK	228725	6.51	158676	10.08	73791	12.67
TRIP BLANK	228207	6.51	161374	10.08	71923	12.67

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A06.D
Acq On : 28 Jun 2019 8:50 am
Operator : GONZO:PD
Sample : 11928159-01,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 28 09:37:12 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190628A\VG190628A02.D
Sub List : 8260-NJTCL - Standard NJ Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.506	96	241097	10.000	ug/L	0.00
Standard Area 1 = 249002			Recovery = 96.83%			
59) Chlorobenzene-d5	10.078	117	166384	10.000	ug/L	-0.01
Standard Area 1 = 173531			Recovery = 95.88%			
79) 1,4-Dichlorobenzene-d4	12.674	152	75234	10.000	ug/L	0.00
Standard Area 1 = 89194			Recovery = 84.35%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.674	113	57757	9.959	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.59%			
43) 1,2-Dichloroethane-d4	6.222	65	72182	10.364	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.64%			
60) Toluene-d8	8.217	98	237702	10.715	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.15%			
83) 4-Bromofluorobenzene	11.498	95	74361	10.803	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.03%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	2.114	50	286	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.515	94	371	0.096	ug/L	96
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.366	76	1150	0.086	ug/L #	73
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.963	43	3349	3.958	ug/L	96
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A06.D
Acq On : 28 Jun 2019 8:50 am
Operator : GONZO:PD
Sample : 11928159-01,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 28 09:37:12 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190628A\VG190628A02.D
Sub List : 8260-NJTCL - Standard NJ Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0	N.D.		
39)	2-Butanone	5.802	43	96	N.D.		
41)	Benzene	0.000		0	N.D.		
44)	1,2-Dichloroethane	0.000		0	N.D.	d	
47)	Methyl cyclohexane	0.000		0	N.D.		
48)	Trichloroethene	0.000		0	N.D.	d	
51)	1,2-Dichloropropane	0.000		0	N.D.		
54)	Bromodichloromethane	0.000		0	N.D.		
57)	1,4-Dioxane	0.000		0	N.D.		
58)	cis-1,3-Dichloropropene	0.000		0	N.D.		
61)	Toluene	0.000		0	N.D.		
62)	4-Methyl-2-pentanone	8.716	58	93	N.D.		
63)	Tetrachloroethene	0.000		0	N.D.		
65)	trans-1,3-Dichloropropene	0.000		0	N.D.		
68)	1,1,2-Trichloroethane	0.000		0	N.D.		
69)	Chlorodibromomethane	0.000		0	N.D.		
71)	1,2-Dibromoethane	0.000		0	N.D.		
72)	2-Hexanone	0.000		0	N.D.		
73)	Chlorobenzene	0.000		0	N.D.		
74)	Ethylbenzene	10.137	91	107	N.D.		
76)	p/m Xylene	0.000		0	N.D.		
77)	o Xylene	0.000		0	N.D.		
78)	Styrene	10.901	104	89	N.D.		
80)	Bromoform	0.000		0	N.D.		
82)	Isopropylbenzene	0.000		0	N.D.		
87)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100)	1,3-Dichlorobenzene	12.596	146	96	N.D.		
101)	1,4-Dichlorobenzene	12.693	146	304	N.D.		
104)	1,2-Dichlorobenzene	0.000		0	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	0.000		0	N.D.		
111)	1,2,3-Trichlorobenzene	14.956	180	95	N.D.		

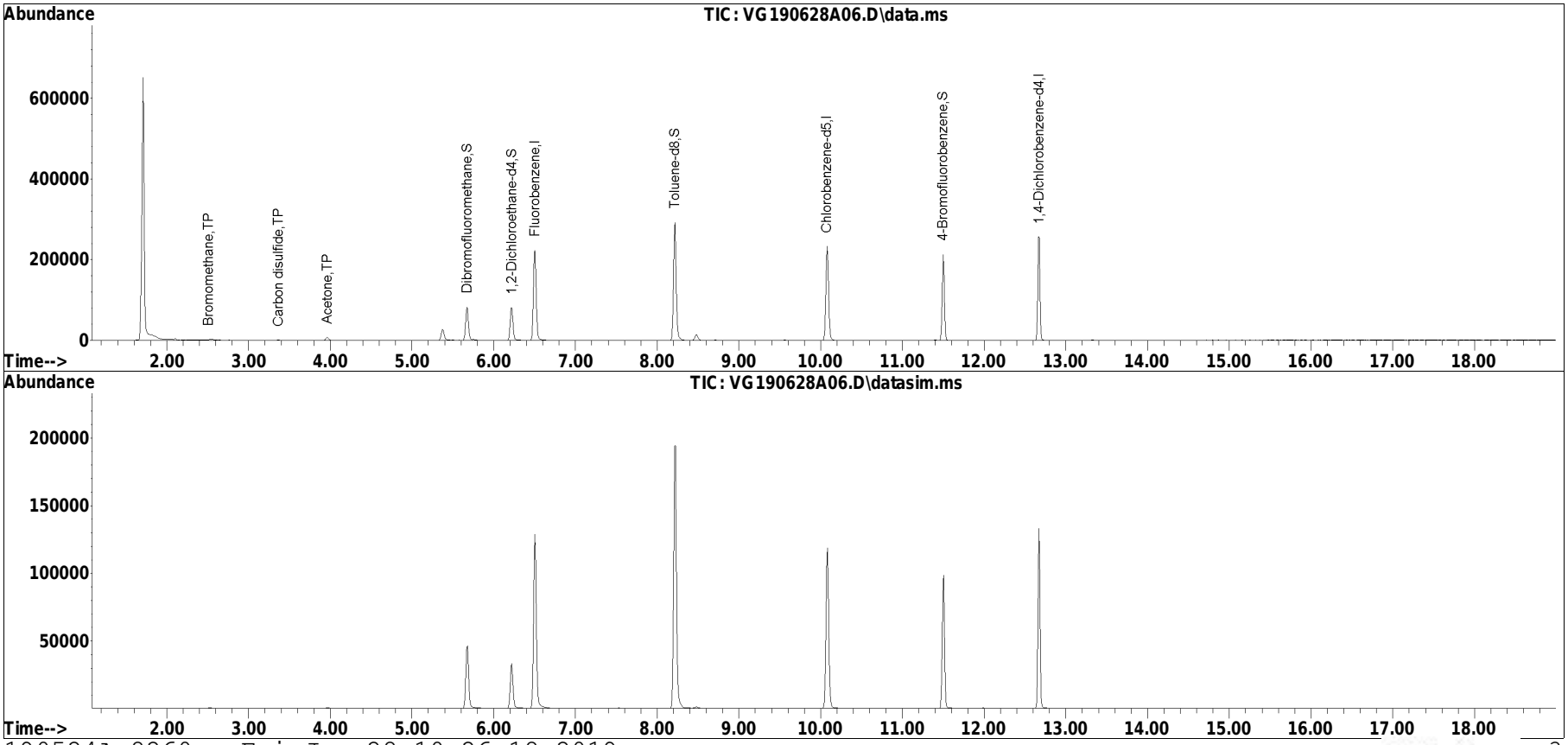
(#) = qualifier out of range (m) = manual integration (+) = signals summed

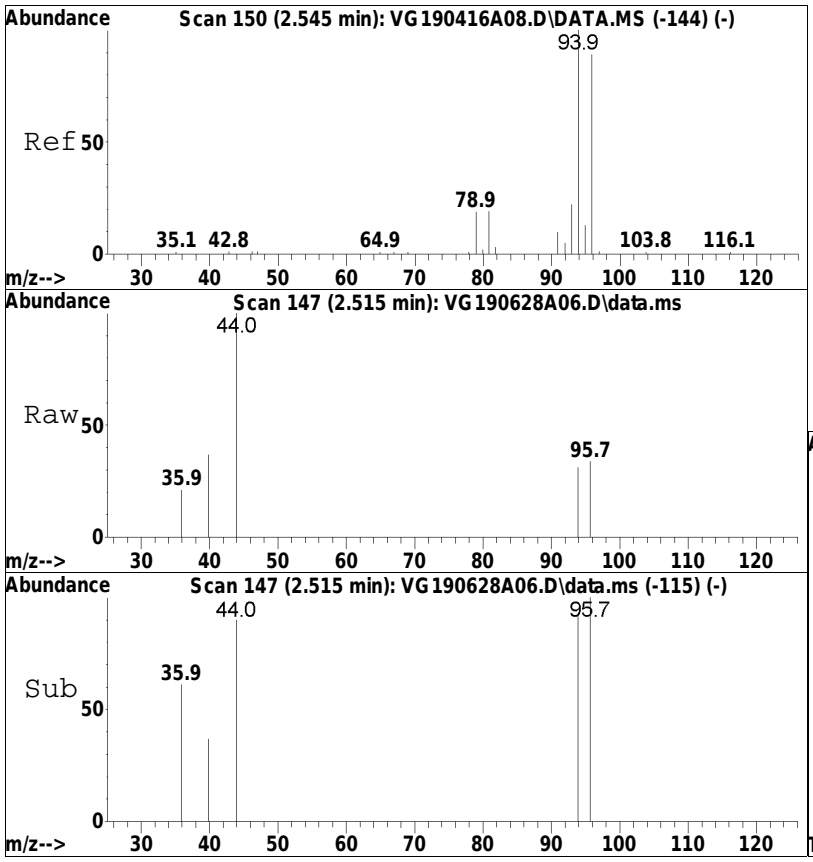
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A06.D
Acq On : 28 Jun 2019 8:50 am
Operator : GONZO:PD
Sample : 11928159-01,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 28 09:37:12 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

Sub List : 8260-NJTCL - Standard NJ Sublist28A\VG190628A02.D•

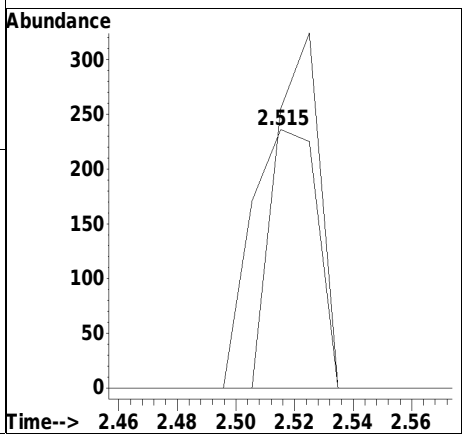


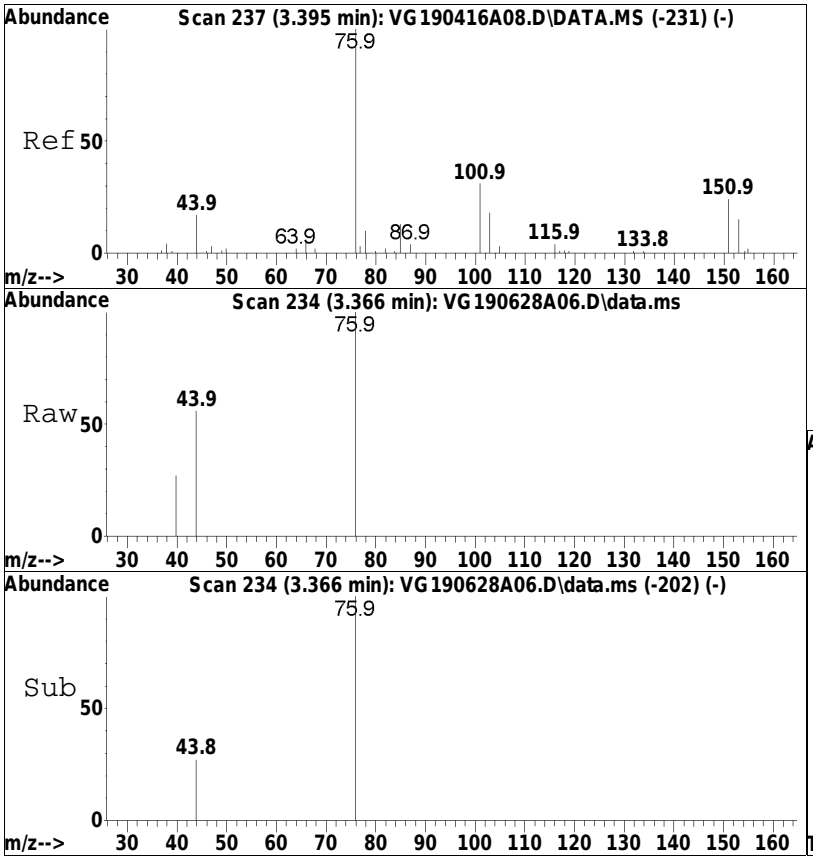


#5
Bromomethane
Concen: 0.10 ug/L
RT: 2.515 min Scan# 147
Delta R.T. 0.009 min
Lab File: VG190628A06.D
Acq: 28 Jun 2019 8:50 am

Tgt Ion: 94 Resp: 371

Ion	Ratio	Lower	Upper
94	100		
96	91.6	75.2	115.2

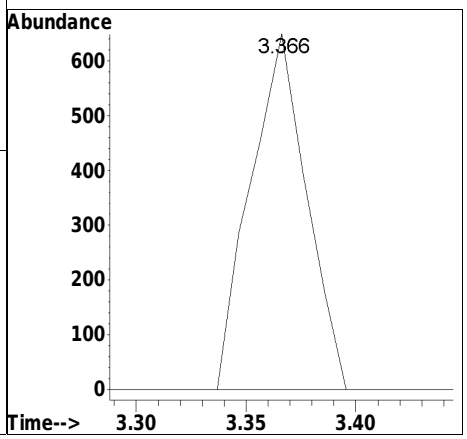


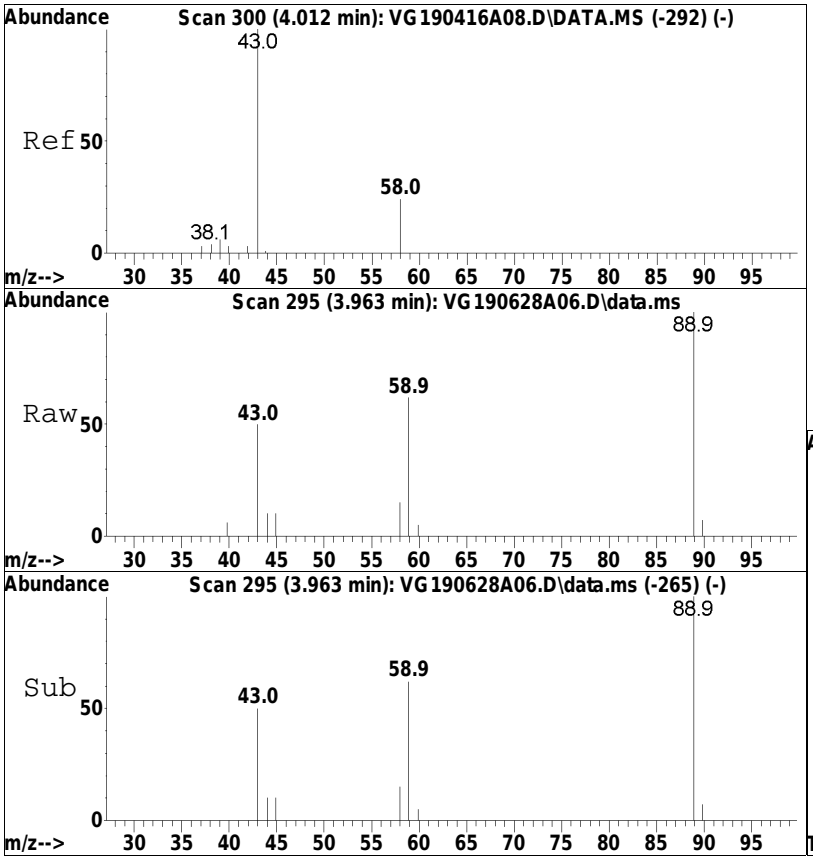


#11
Carbon disulfide
Concen: 0.09 ug/L
RT: 3.366 min Scan# 234
Delta R.T. 0.010 min
Lab File: VG190628A06.D
Acq: 28 Jun 2019 8:50 am

Tgt Ion: 76 Resp: 1150

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.6	13.6#

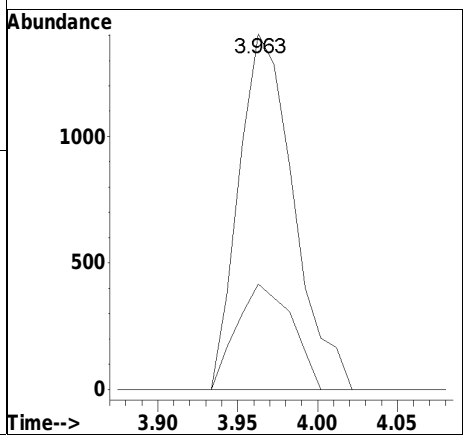




#17
Acetone
Concen: 3.96 ug/L
RT: 3.963 min Scan# 295
Delta R.T. -0.010 min
Lab File: VG190628A06.D
Acq: 28 Jun 2019 8:50 am

Tgt Ion: 43 Resp: 3349

Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.2	33.4



Manual Integration Report

Data Path	: I:\VOLATILES\Gonzo\2019\19Q	Method	: G_190524A_8260.m
Data File	: VG190628A06.D	Operator	: GONZO:PD
Date Inj'd	: 6/28/2019 8:50 am	Instrument	: Gonzo
Sample	: 11928159-01,31,10,10,,a	Quant Date	: 6/28/2019 9:36 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A06.D
Acq On : 28 Jun 2019 8:50 am
Operator : GONZO:PD
Sample : 11928159-01,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VG190628A06.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.371	432	439	450	rBV	27114	72037	10.91%	2.325%
2	5.674	463	470	477	rBV	82958	194197	29.40%	6.269%
3	6.212	518	525	541	rBV	80935	197263	29.86%	6.368%
4	6.506	545	555	576	rBV	223964	538920	81.59%	17.396%
5	8.217	722	730	744	rBV	291856	660530	100.00%	21.322%
6	8.482	751	757	769	rBB2	14220	38570	5.84%	1.245%
7	10.078	910	920	941	rVB	232655	538478	81.52%	17.382%
8	11.498	1058	1065	1075	rVB	213052	392633	59.44%	12.674%
9	12.664	1179	1184	1192	rBV	257252	465268	70.44%	15.019%

Sum of corrected areas: 3097896

Signal : TIC: VG190628A06.D\datasim.ms

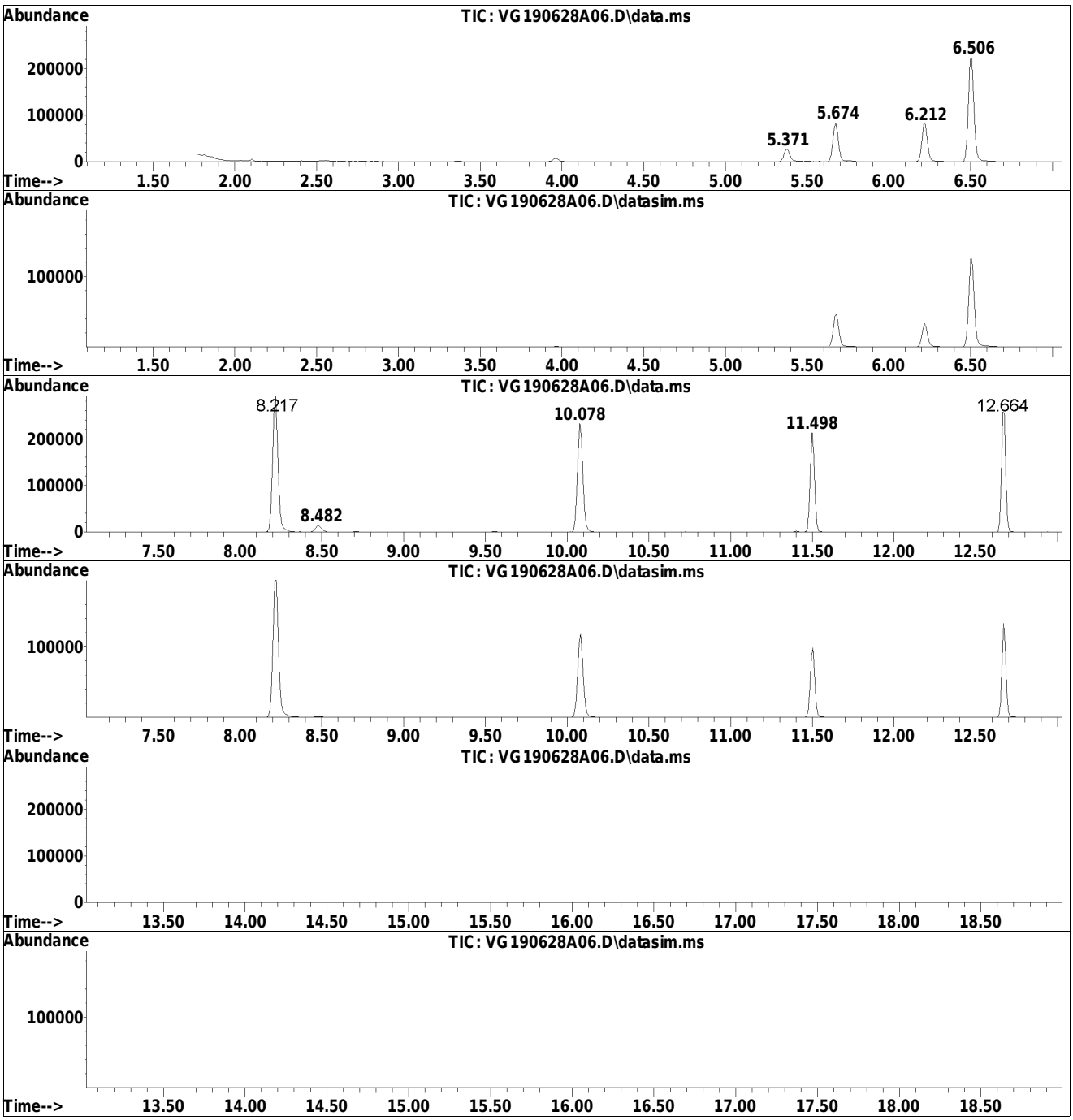
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total

No peaks were detected using the above RTE integration parameters!

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A06.D
Acq On : 28 Jun 2019 8:50 am
Operator : GONZO:PD
Sample : 11928159-01,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 6 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A06.D
Acq On : 28 Jun 2019 8:50 am
Operator : GONZO:PD
Sample : l1928159-01,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 6 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

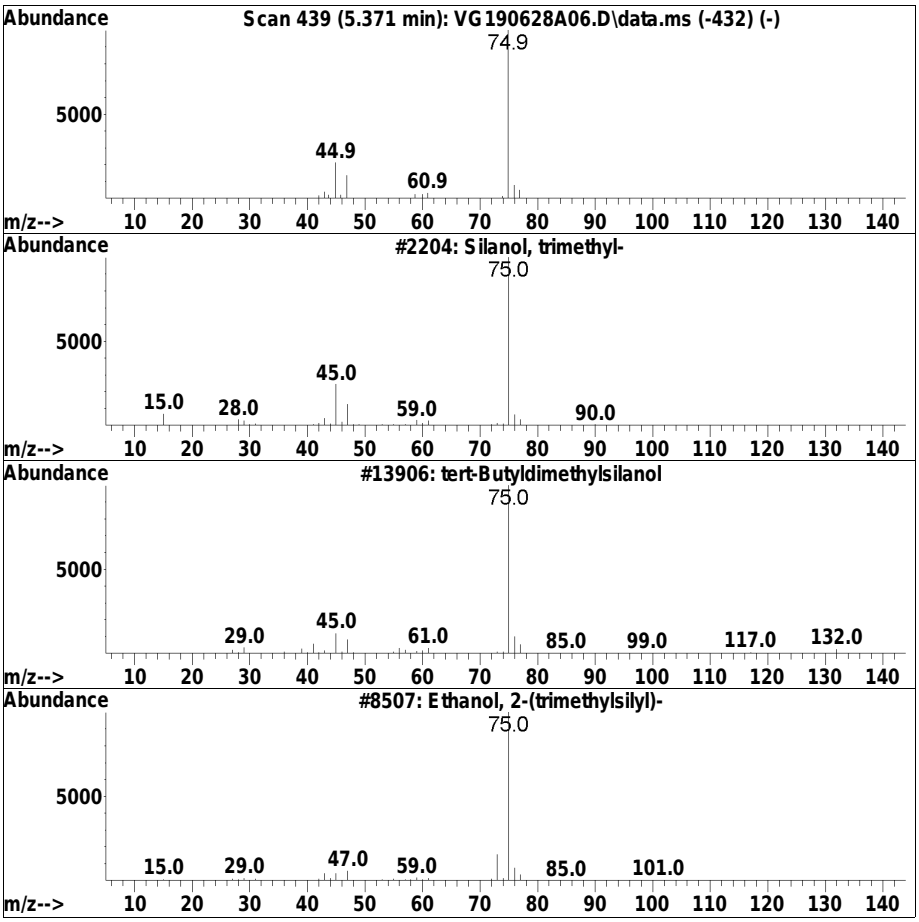
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

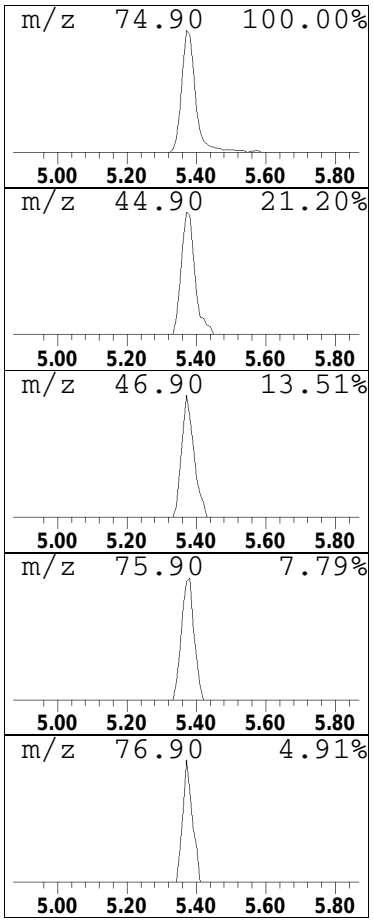
****

Peak Number 1 Silanol, trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.371	1.34 ug/L	72037	Fluorobenzene	6.506

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	83
2	tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	43
3	Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	39
4	Ethanethioamide	75	C2H5NS	000062-55-5	9
5	Formamide, N-methylthio	75	C2H5NS	018952-41-5	9





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A06.D
Acq On : 28 Jun 2019 8:50 am
Operator : GONZO:PD
Sample : 11928159-01,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 6 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Silanol, trimet...	5.371	1.3	ug/L	72037	1	6.506	538920	10.0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A07.D
Acq On : 28 Jun 2019 9:15 am
Operator : GONZO:PD
Sample : 11928159-02,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 28 09:37:32 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190628A\VG190628A02.D
Sub List : 8260-NJTCL - Standard NJ Sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.506	96	234733	10.000 ug/L	0.00
Standard Area 1 = 249002			Recovery = 94.27%		
59) Chlorobenzene-d5	10.078	117	164282	10.000 ug/L	-0.01
Standard Area 1 = 173531			Recovery = 94.67%		
79) 1,4-Dichlorobenzene-d4	12.674	152	73347	10.000 ug/L	0.00
Standard Area 1 = 89194			Recovery = 82.23%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.674	113	56834	10.066 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.66%		
43) 1,2-Dichloroethane-d4	6.222	65	69400	10.235 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.35%		
60) Toluene-d8	8.217	98	231762	10.581 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.81%		
83) 4-Bromofluorobenzene	11.498	95	71447	10.647 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.47%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.525	94	231	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.366	76	1099	0.084 ug/L #	73
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A07.D
Acq On : 28 Jun 2019 9:15 am
Operator : GONZO:PD
Sample : 11928159-02,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 28 09:37:32 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190628A\VG190628A02.D
Sub List : 8260-NJTCL - Standard NJ Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0	N.D.		
39)	2-Butanone	0.000		0	N.D.		
41)	Benzene	0.000		0	N.D.		
44)	1,2-Dichloroethane	0.000		0	N.D.	d	
47)	Methyl cyclohexane	0.000		0	N.D.		
48)	Trichloroethene	0.000		0	N.D.	d	
51)	1,2-Dichloropropane	0.000		0	N.D.		
54)	Bromodichloromethane	0.000		0	N.D.		
57)	1,4-Dioxane	0.000		0	N.D.		
58)	cis-1,3-Dichloropropene	0.000		0	N.D.		
61)	Toluene	0.000		0	N.D.		
62)	4-Methyl-2-pentanone	0.000		0	N.D.		
63)	Tetrachloroethene	0.000		0	N.D.		
65)	trans-1,3-Dichloropropene	0.000		0	N.D.		
68)	1,1,2-Trichloroethane	0.000		0	N.D.		
69)	Chlorodibromomethane	0.000		0	N.D.		
71)	1,2-Dibromoethane	0.000		0	N.D.		
72)	2-Hexanone	0.000		0	N.D.		
73)	Chlorobenzene	0.000		0	N.D.		
74)	Ethylbenzene	10.088	91	206	N.D.		
76)	p/m Xylene	0.000		0	N.D.		
77)	o Xylene	0.000		0	N.D.		
78)	Styrene	0.000		0	N.D.		
80)	Bromoform	0.000		0	N.D.		
82)	Isopropylbenzene	0.000		0	N.D.		
87)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100)	1,3-Dichlorobenzene	12.684	146	102	N.D.		
101)	1,4-Dichlorobenzene	12.684	146	102	N.D.		
104)	1,2-Dichlorobenzene	0.000		0	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	14.496	180	96	N.D.		
111)	1,2,3-Trichlorobenzene	0.000		0	N.D.		

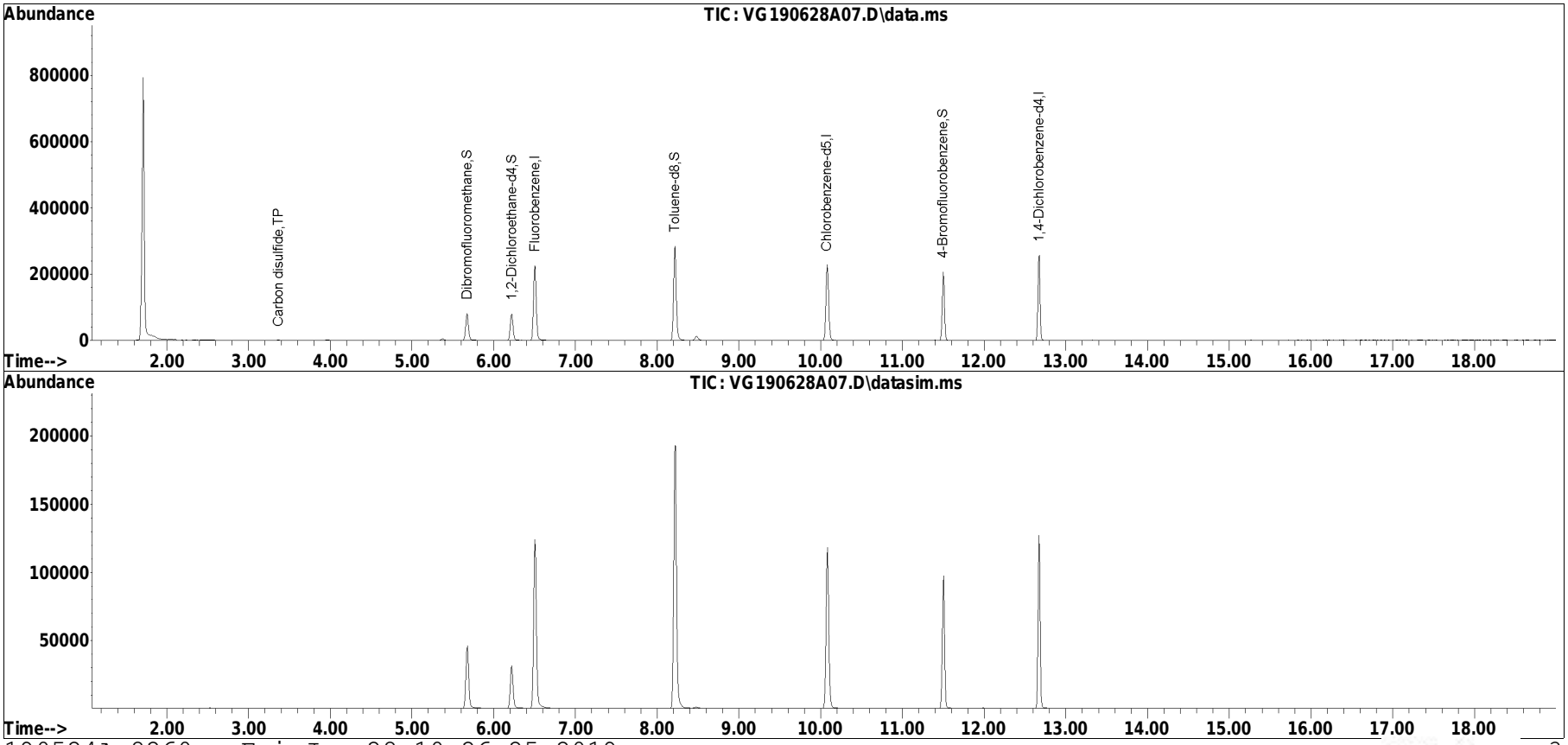
(#) = qualifier out of range (m) = manual integration (+) = signals summed

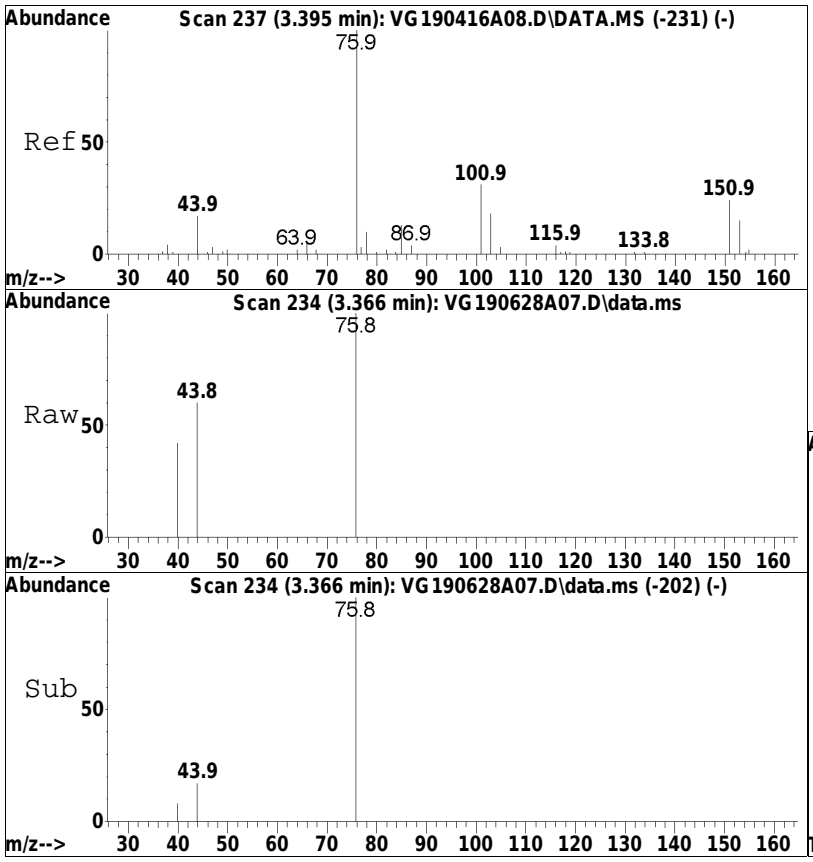
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A07.D
Acq On : 28 Jun 2019 9:15 am
Operator : GONZO:PD
Sample : 11928159-02,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 28 09:37:32 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

Sub List : 8260-NJTCL - Standard NJ Sublist28A\VG190628A02.D•

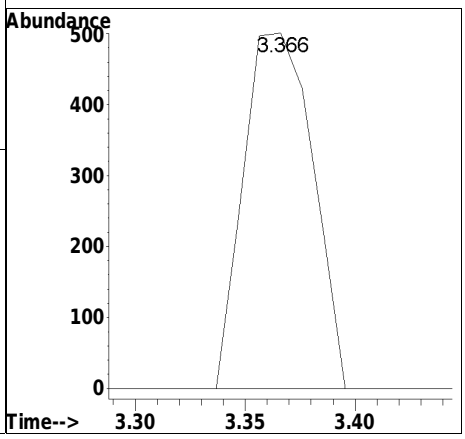




#11
Carbon disulfide
Concen: 0.08 ug/L
RT: 3.366 min Scan# 234
Delta R.T. 0.010 min
Lab File: VG190628A07.D
Acq: 28 Jun 2019 9:15 am

Tgt Ion: 76 Resp: 1099

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.6	13.6#



Manual Integration Report

Data Path	: I:\VOLATILES\Gonzo\2019\19Q	Method	: G_190524A_8260.m
Data File	: VG190628A07.D	Operator	: GONZO:PD
Date Inj'd	: 6/28/2019 9:15 am	Instrument	: Gonzo
Sample	: 11928159-02,31,10,10,,a	Quant Date	: 6/28/2019 9:36 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A07.D
Acq On : 28 Jun 2019 9:15 am
Operator : GONZO:PD
Sample : 11928159-02,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VG190628A07.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.674	462	470	483	rBV	81633	190080	29.52%	6.440%
2	6.222	519	526	537	rBV	80416	187578	29.13%	6.356%
3	6.506	549	555	576	rBV	225642	528042	82.01%	17.891%
4	8.217	722	730	744	rBV	284613	643913	100.00%	21.817%
5	8.482	749	757	765	rVB2	12381	34399	5.34%	1.166%
6	10.078	912	920	936	rBV	228095	529229	82.19%	17.932%
7	11.498	1059	1065	1074	rBB	206788	384626	59.73%	13.032%
8	12.674	1178	1185	1194	rBV	256775	453505	70.43%	15.366%

Sum of corrected areas: 2951372

Signal : TIC: VG190628A07.D\datasim.ms

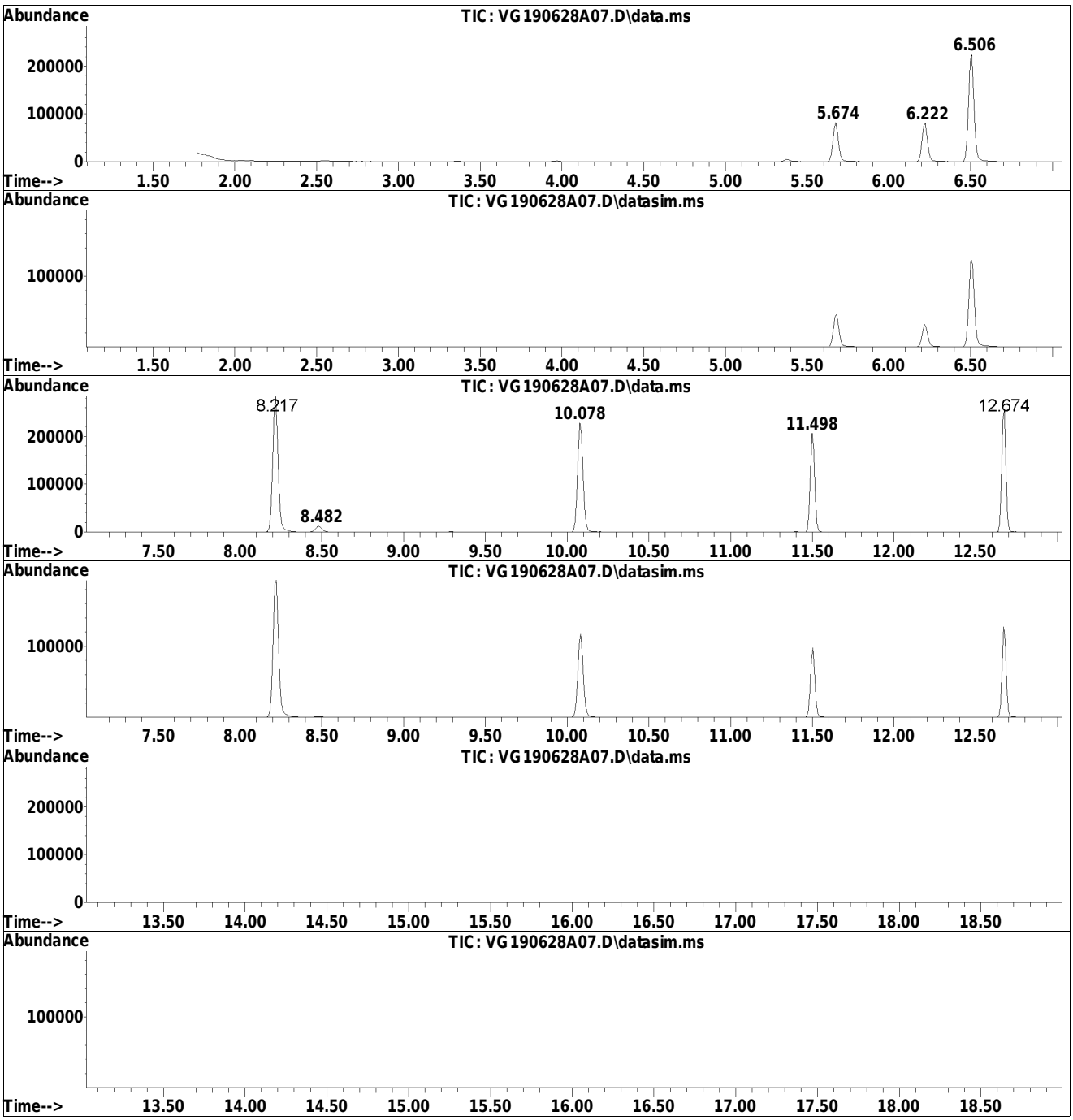
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total

No peaks were detected using the above RTE integration parameters!

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A07.D
Acq On : 28 Jun 2019 9:15 am
Operator : GONZO:PD
Sample : 11928159-02,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A07.D
Acq On : 28 Jun 2019 9:15 am
Operator : GONZO:PD
Sample : l1928159-02,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A07.D
Acq On : 28 Jun 2019 9:15 am
Operator : GONZO:PD
Sample : 11928159-02,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A08.D
Acq On : 28 Jun 2019 9:41 am
Operator : GONZO:PD
Sample : 11928159-04,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 28 10:09:20 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190628A\VG190628A02.D
Sub List : 8260-NJTCL - Standard NJ Sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.506	96	234309	10.000 ug/L	0.00
Standard Area 1 = 249002			Recovery = 94.10%		
59) Chlorobenzene-d5	10.078	117	163012	10.000 ug/L	0.00
Standard Area 1 = 173531			Recovery = 93.94%		
79) 1,4-Dichlorobenzene-d4	12.674	152	72403	10.000 ug/L	0.00
Standard Area 1 = 89194			Recovery = 81.17%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.675	113	55560	9.858 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.58%		
43) 1,2-Dichloroethane-d4	6.222	65	69989	10.340 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.40%		
60) Toluene-d8	8.218	98	230101	10.587 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.87%		
83) 4-Bromofluorobenzene	11.499	95	71271	10.759 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.59%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	2.105	50	202	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.525	94	322	0.085 ug/L #	65
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.357	76	821	N.D.	
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	3.973	43	1662	2.021 ug/L #	73
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A08.D
Acq On : 28 Jun 2019 9:41 am
Operator : GONZO:PD
Sample : 11928159-04,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 28 10:09:20 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190628A\VG190628A02.D
Sub List : 8260-NJTCL - Standard NJ Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0	N.D.		
39)	2-Butanone	0.000		0	N.D.		
41)	Benzene	0.000		0	N.D.		
44)	1,2-Dichloroethane	0.000		0	N.D.	d	
47)	Methyl cyclohexane	0.000		0	N.D.		
48)	Trichloroethene	0.000		0	N.D.	d	
51)	1,2-Dichloropropane	0.000		0	N.D.		
54)	Bromodichloromethane	0.000		0	N.D.		
57)	1,4-Dioxane	0.000		0	N.D.		
58)	cis-1,3-Dichloropropene	0.000		0	N.D.		
61)	Toluene	0.000		0	N.D.		
62)	4-Methyl-2-pentanone	0.000		0	N.D.		
63)	Tetrachloroethene	0.000		0	N.D.		
65)	trans-1,3-Dichloropropene	0.000		0	N.D.		
68)	1,1,2-Trichloroethane	0.000		0	N.D.		
69)	Chlorodibromomethane	0.000		0	N.D.		
71)	1,2-Dibromoethane	0.000		0	N.D.		
72)	2-Hexanone	0.000		0	N.D.		
73)	Chlorobenzene	0.000		0	N.D.		
74)	Ethylbenzene	0.000		0	N.D.		
76)	p/m Xylene	0.000		0	N.D.		
77)	o Xylene	0.000		0	N.D.		
78)	Styrene	0.000		0	N.D.		
80)	Bromoform	0.000		0	N.D.		
82)	Isopropylbenzene	0.000		0	N.D.		
87)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100)	1,3-Dichlorobenzene	12.605	146	106	N.D.		
101)	1,4-Dichlorobenzene	12.684	146	246	N.D.		
104)	1,2-Dichlorobenzene	0.000		0	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	0.000		0	N.D.		
111)	1,2,3-Trichlorobenzene	0.000		0	N.D.		

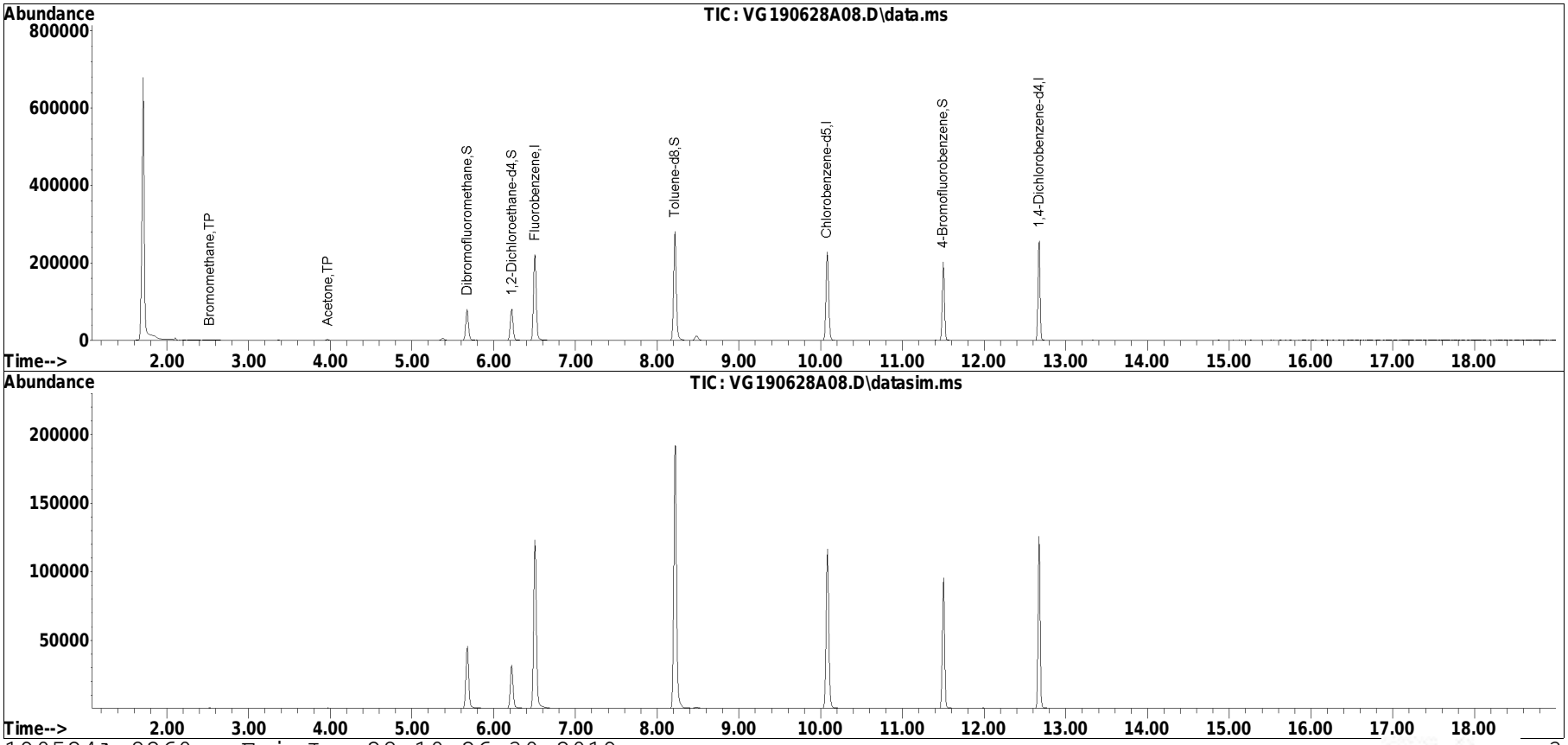
(#) = qualifier out of range (m) = manual integration (+) = signals summed

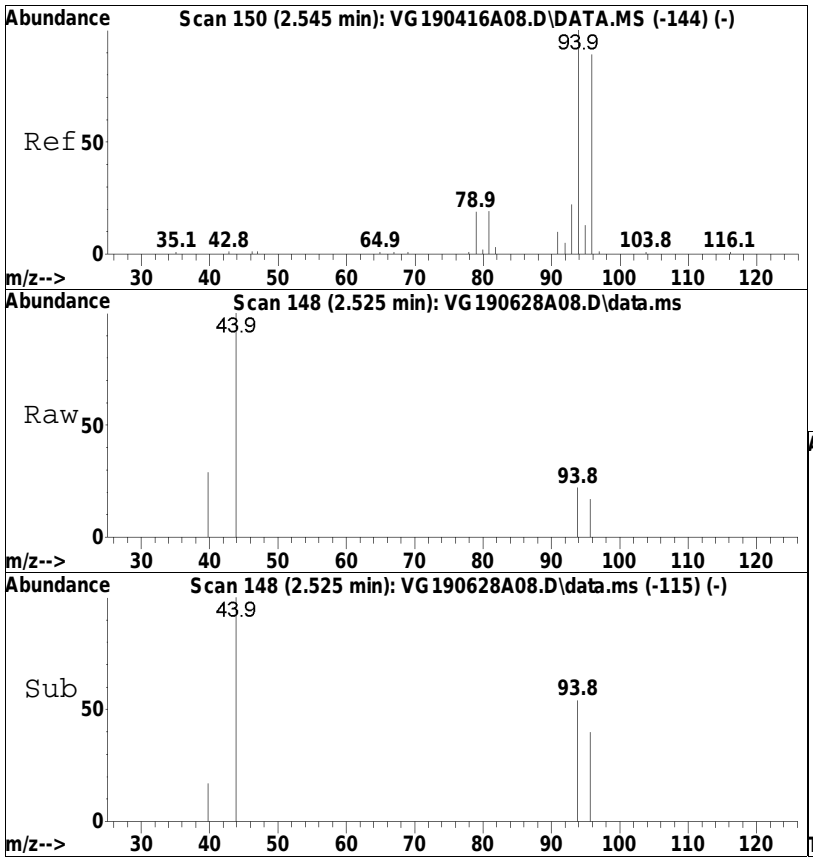
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A08.D
Acq On : 28 Jun 2019 9:41 am
Operator : GONZO:PD
Sample : 11928159-04,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 28 10:09:20 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

Sub List : 8260-NJTCL - Standard NJ Sublist28A\VG190628A02.D•

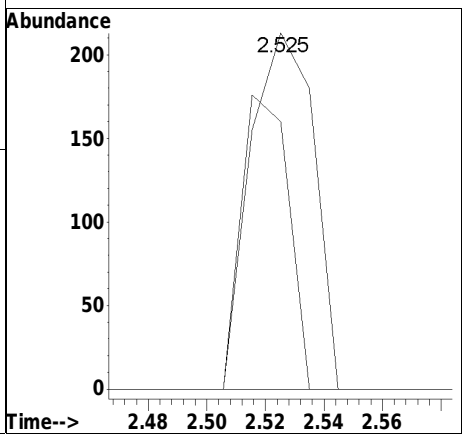


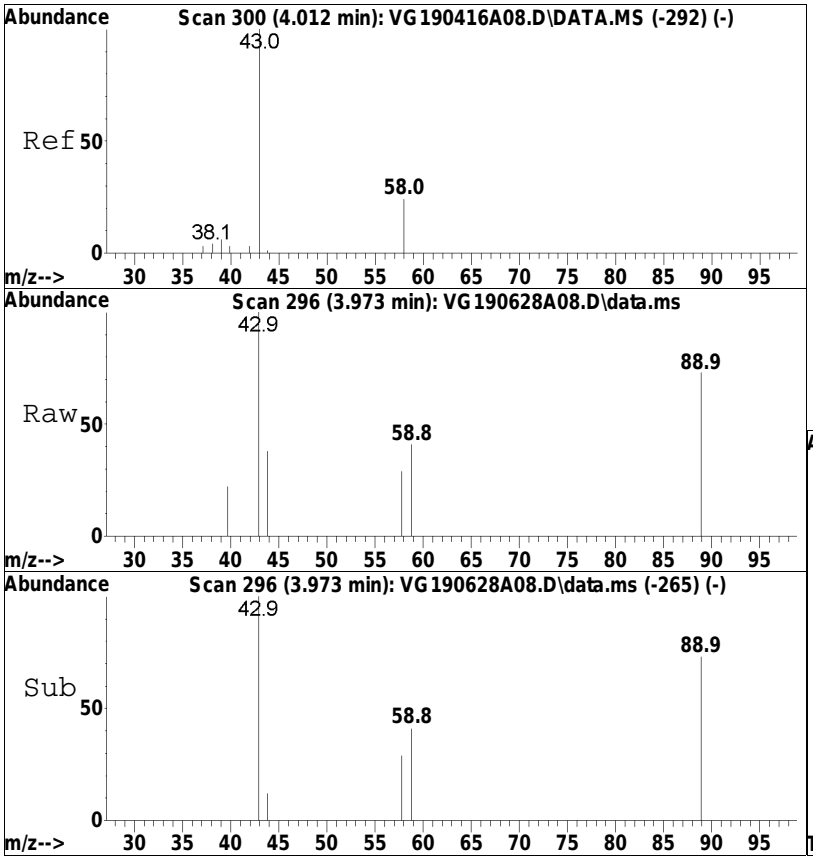


#5
Bromomethane
Concen: 0.09 ug/L
RT: 2.525 min Scan# 148
Delta R.T. 0.019 min
Lab File: VG190628A08.D
Acq: 28 Jun 2019 9:41 am

Tgt Ion: 94 Resp: 322

Ion	Ratio	Lower	Upper
94	100		
96	61.2	75.2	115.2#

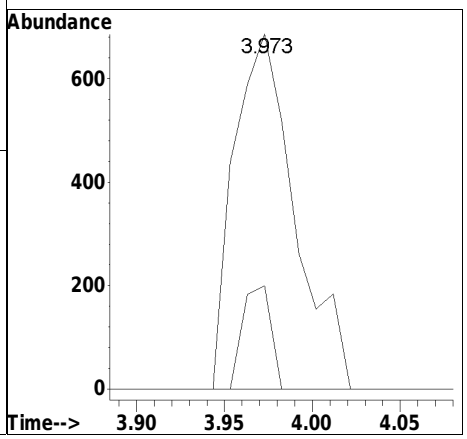




#17
Acetone
Concen: 2.02 ug/L
RT: 3.973 min Scan# 296
Delta R.T. -0.000 min
Lab File: VG190628A08.D
Acq: 28 Jun 2019 9:41 am

Tgt Ion: 43 Resp: 1662

Ion	Ratio	Lower	Upper
43	100		
58	13.5	22.2	33.4#



Manual Integration Report

Data Path	: I:\VOLATILES\Gonzo\2019\19Q	Method	: G_190524A_8260.m
Data File	: VG190628A08.D	Operator	: GONZO:PD
Date Inj'd	: 6/28/2019 9:41 am	Instrument	: Gonzo
Sample	: 11928159-04,31,10,10,,a	Quant Date	: 6/28/2019 10:09 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A08.D
Acq On : 28 Jun 2019 9:41 am
Operator : GONZO:PD
Sample : 11928159-04,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VG190628A08.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.675	464	470	484	rVB	80205	189163	29.70%	6.482%
2	6.222	516	526	540	rBV	80623	193078	30.31%	6.616%
3	6.506	547	555	573	rBV	222287	519601	81.58%	17.806%
4	8.218	719	730	747	rBV	281382	636925	100.00%	21.826%
5	8.472	750	756	766	rVV2	10892	33233	5.22%	1.139%
6	10.078	909	920	935	rBB	228201	522088	81.97%	17.891%
7	11.499	1058	1065	1076	rBV	202728	375144	58.90%	12.855%
8	12.674	1179	1185	1193	rVB	256539	448943	70.49%	15.384%

Sum of corrected areas: 2918175

Signal : TIC: VG190628A08.D\datasim.ms

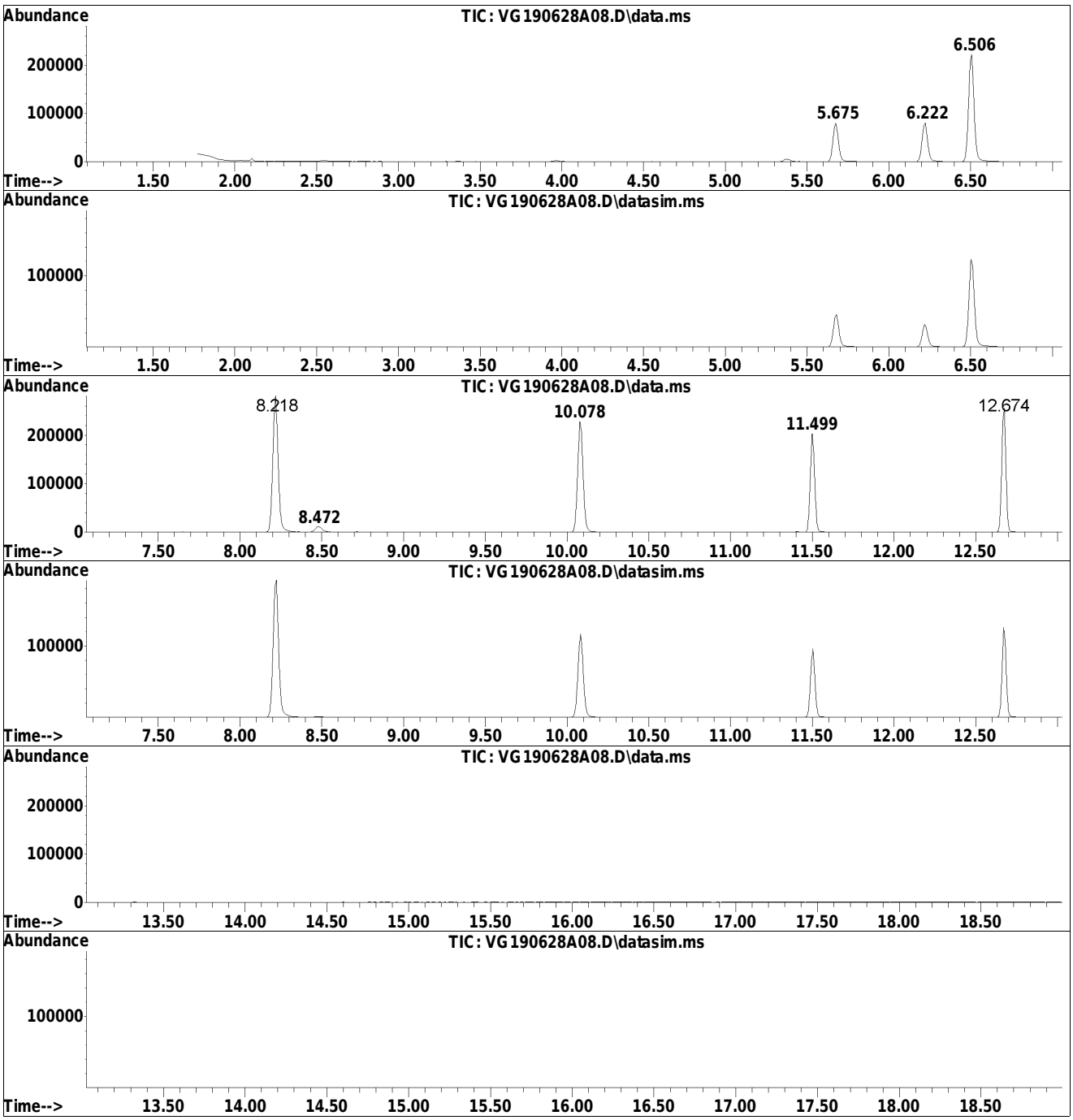
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total

No peaks were detected using the above RTE integration parameters!

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A08.D
Acq On : 28 Jun 2019 9:41 am
Operator : GONZO:PD
Sample : 11928159-04,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A08.D
Acq On : 28 Jun 2019 9:41 am
Operator : GONZO:PD
Sample : l1928159-04,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A08.D
Acq On : 28 Jun 2019 9:41 am
Operator : GONZO:PD
Sample : 11928159-04,31,10,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A09.D
Acq On : 28 Jun 2019 10:06 am
Operator : GONZO:PD
Sample : 11928159-03D,31,4,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 28 10:28:30 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190628A\VG190628A02.D
Sub List : 8260-NJTCL - Standard NJ Sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.506	96	233096	10.000 ug/L	0.00
Standard Area 1 = 249002			Recovery = 93.61%		
59) Chlorobenzene-d5	10.078	117	160124	10.000 ug/L	0.00
Standard Area 1 = 173531			Recovery = 92.27%		
79) 1,4-Dichlorobenzene-d4	12.674	152	86496	10.000 ug/L	0.00
Standard Area 1 = 89194			Recovery = 96.98%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.675	113	55115	9.830 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.30%		
43) 1,2-Dichloroethane-d4	6.222	65	68476	10.169 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.69%		
60) Toluene-d8	8.218	98	227094	10.637 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.37%		
83) 4-Bromofluorobenzene	11.498	95	78894	9.969 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.69%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	2.114	50	353	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.515	94	393	0.105 ug/L #	58
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.356	76	849	N.D.	
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	3.924	84	357	0.079 ug/L #	55
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	4.100	43	88	N.D.	
20) Methyl tert-butyl ether	4.188	73	249	N.D.	
23) 1,1-Dichloroethane	4.765	63	204	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	5.420	56	13522	1.346 ug/L	69
32) Chloroform	5.410	83	377	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A09.D
Acq On : 28 Jun 2019 10:06 am
Operator : GONZO:PD
Sample : 11928159-03D,31,4,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 28 10:28:30 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190628A\VG190628A02.D
Sub List : 8260-NJTCL - Standard NJ Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D. d		
41) Benzene	6.076	78	26982	1.369	ug/L #	91
44) 1,2-Dichloroethane	0.000		0	N.D. d		
47) Methyl cyclohexane	6.662	83	6761	0.735	ug/L #	26
48) Trichloroethene	0.000		0	N.D. d		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	8.266	92	2122	0.178	ug/L	92
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	10.107	112	112	N.D.		
74) Ethylbenzene	10.137	91	3048002	129.084	ug/L	98
76) p/m Xylene	10.313	106	1928380	214.122	ug/L	93
77) o Xylene	10.832	106	12481	1.480	ug/L	89
78) Styrene	0.000		0	N.D. d		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	11.185	105	176198	7.305	ug/L	99
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	12.596	146	88	N.D.		
101) 1,4-Dichlorobenzene	12.596	146	88	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

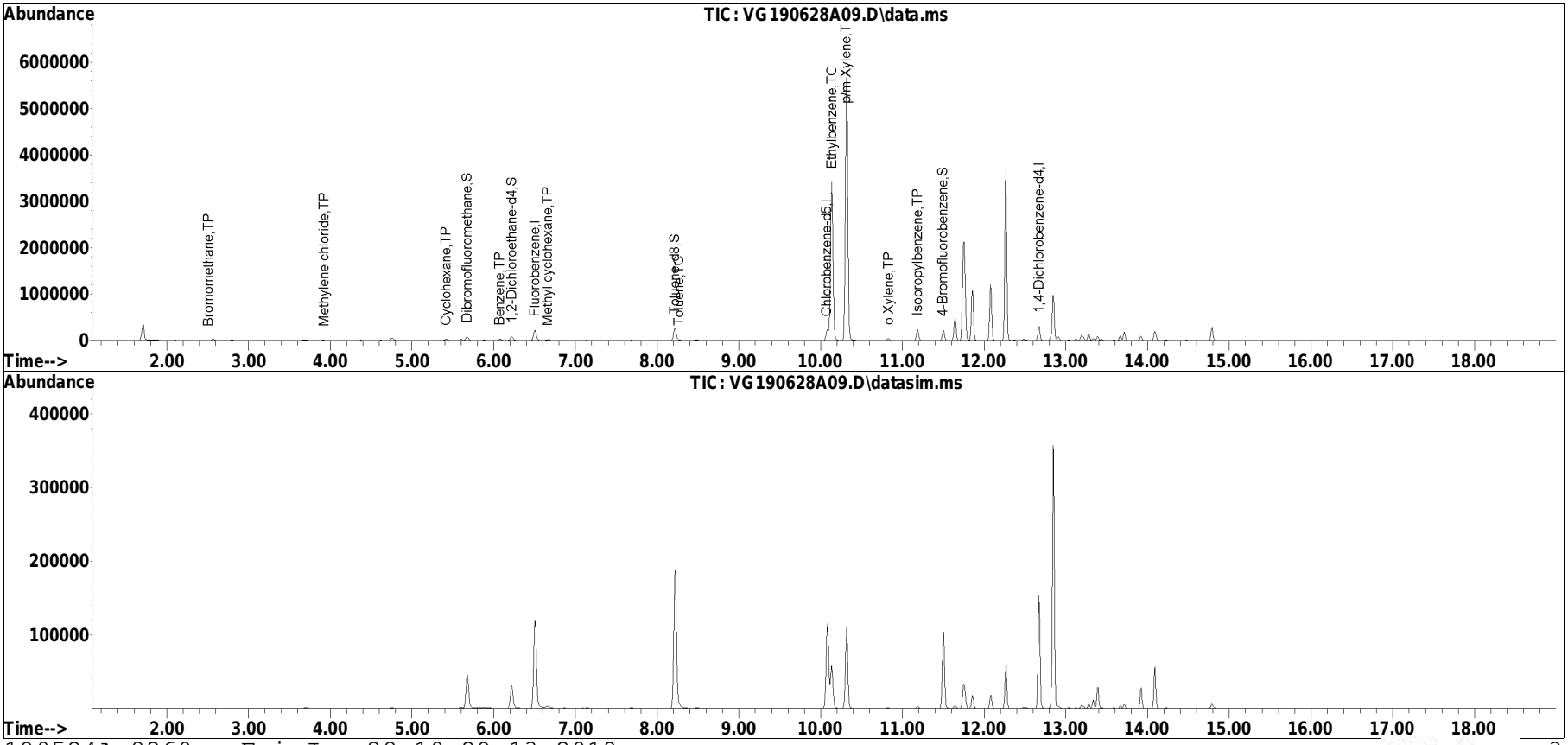
(#) = qualifier out of range (m) = manual integration (+) = signals summed

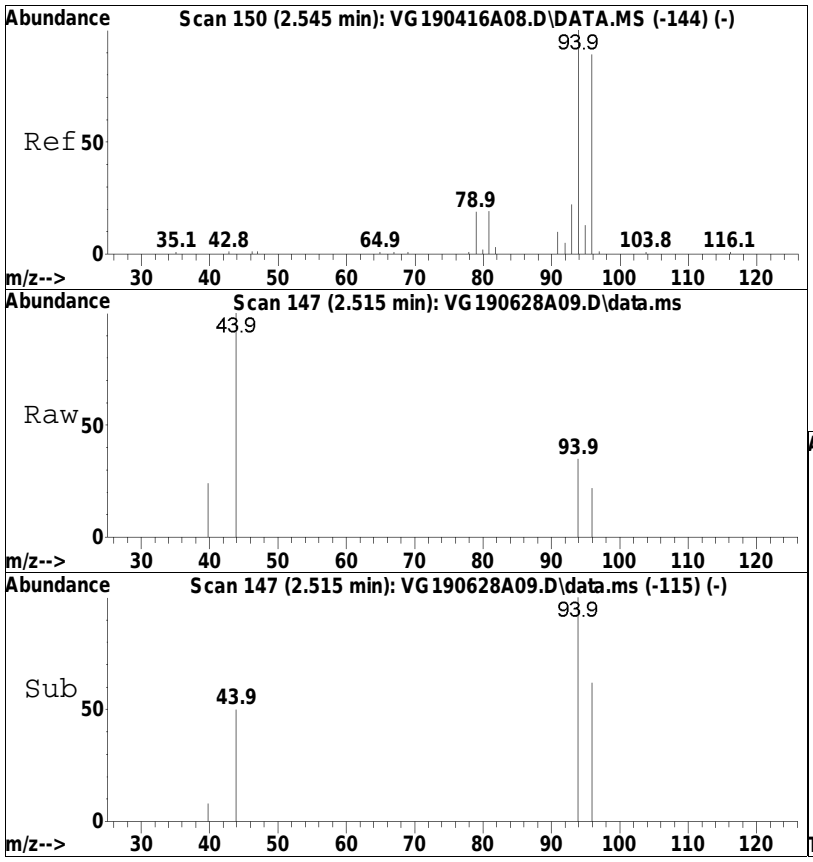
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A09.D
Acq On : 28 Jun 2019 10:06 am
Operator : GONZO:PD
Sample : 11928159-03D,31,4,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 28 10:28:30 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

Sub List : 8260-NJTCL - Standard NJ Sublist28A\VG190628A02.D•

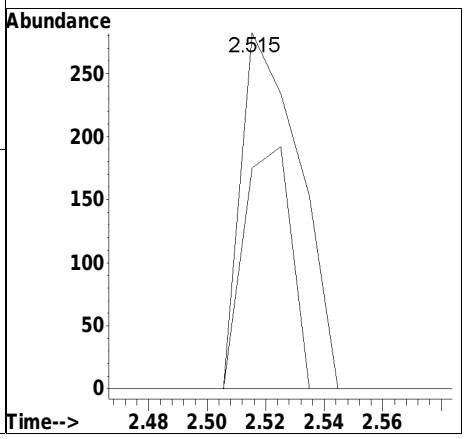


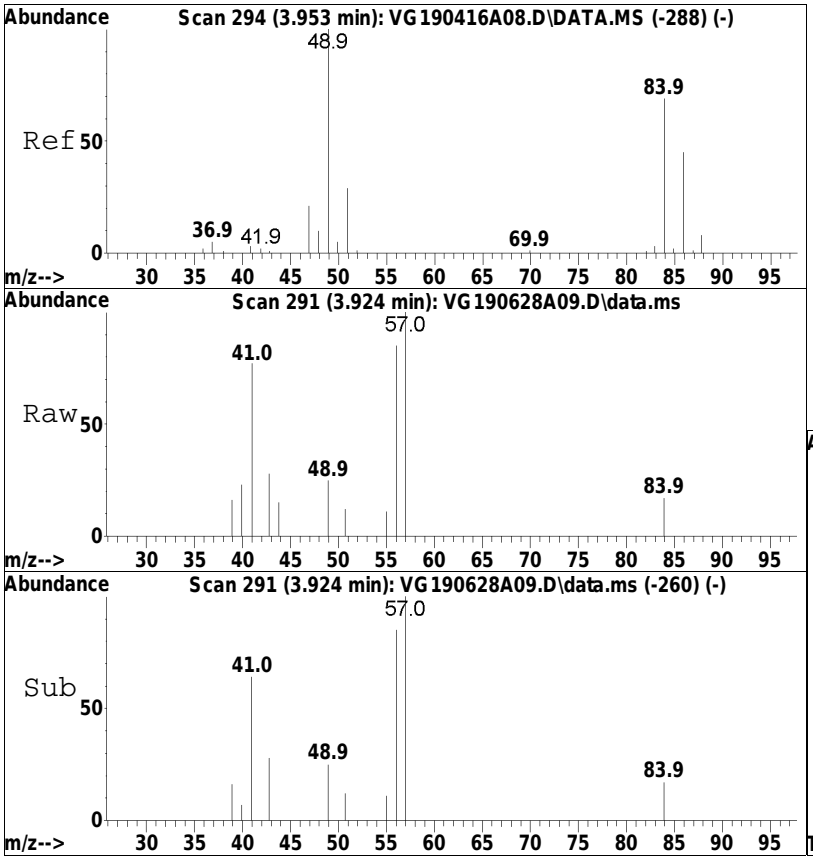


#5
Bromomethane
Concen: 0.10 ug/L
RT: 2.515 min Scan# 147
Delta R.T. 0.009 min
Lab File: VG190628A09.D
Acq: 28 Jun 2019 10:06 am

Tgt Ion: 94 Resp: 393

Ion	Ratio	Lower	Upper
94	100		
96	54.7	75.2	115.2#

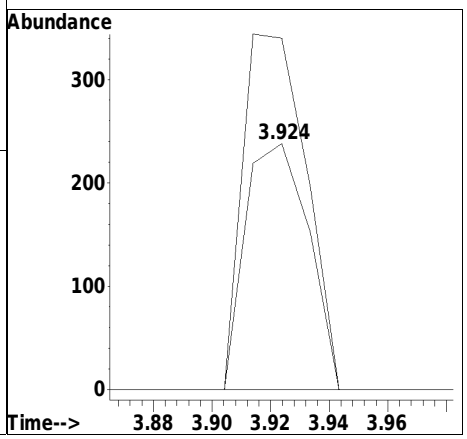


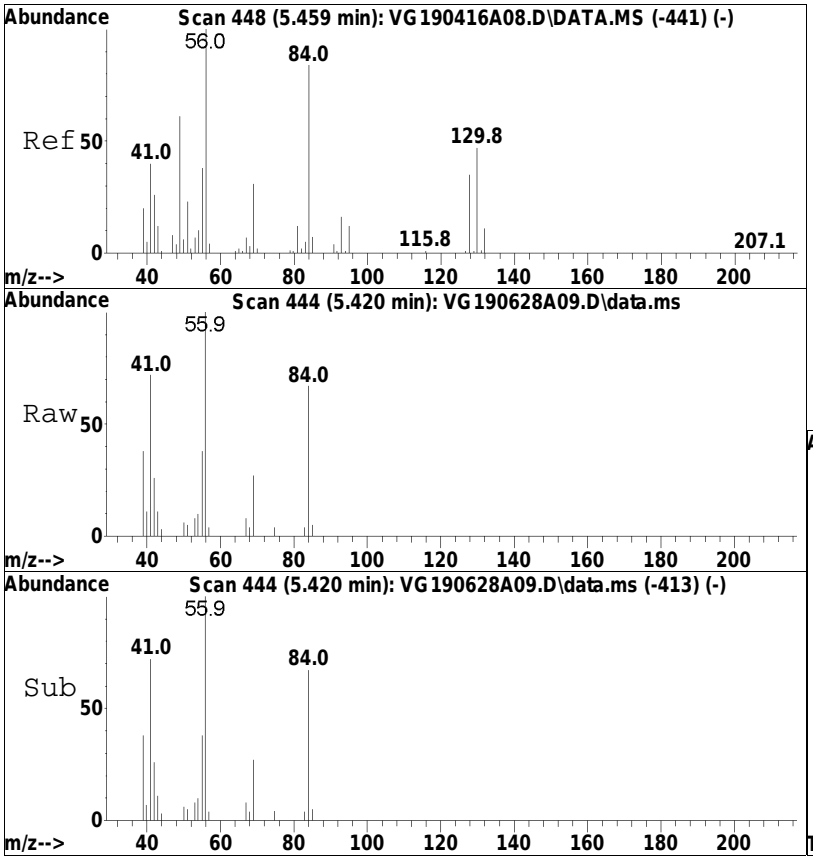


#15
Methylene chloride
Concen: 0.08 ug/L
RT: 3.924 min Scan# 291
Delta R.T. -0.000 min
Lab File: VG190628A09.D
Acq: 28 Jun 2019 10:06 am

Tgt Ion: 84 Resp: 357

Ion	Ratio	Lower	Upper
84	100		
86	0.0	41.1	85.5#
49	144.5	76.2	158.2

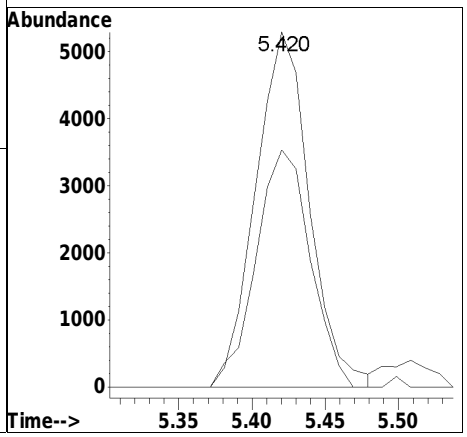


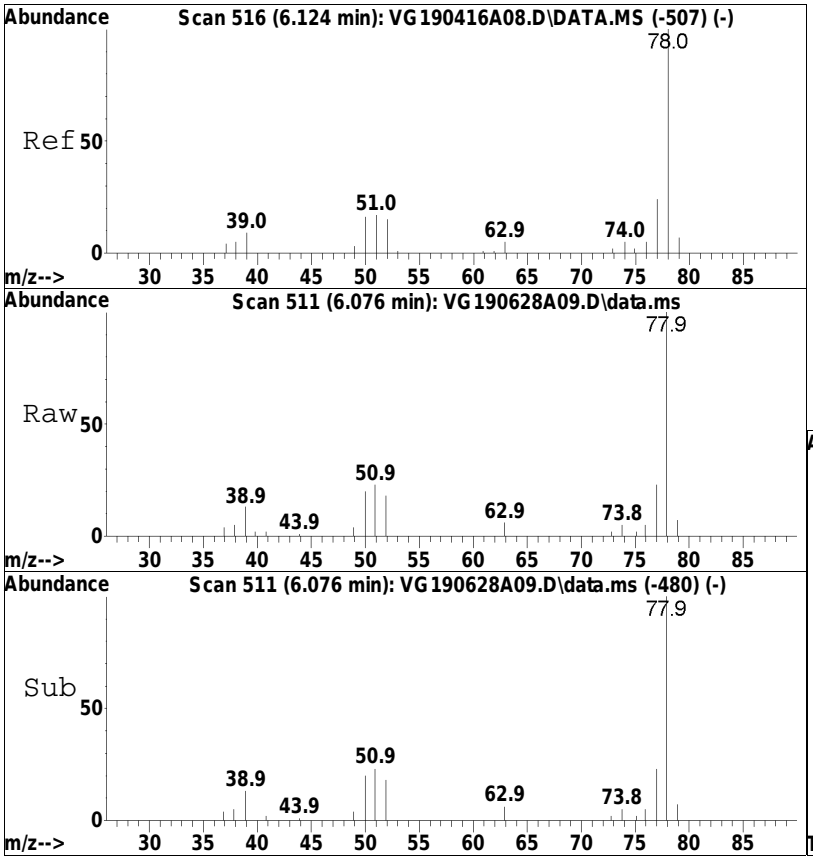


#31
Cyclohexane
Concen: 1.35 ug/L
RT: 5.420 min Scan# 444
Delta R.T. 0.000 min
Lab File: VG190628A09.D
Acq: 28 Jun 2019 10:06 am

Tgt Ion: 56 Resp: 13522

Ion	Ratio	Lower	Upper
56	100		
84	67.6	63.8	132.4

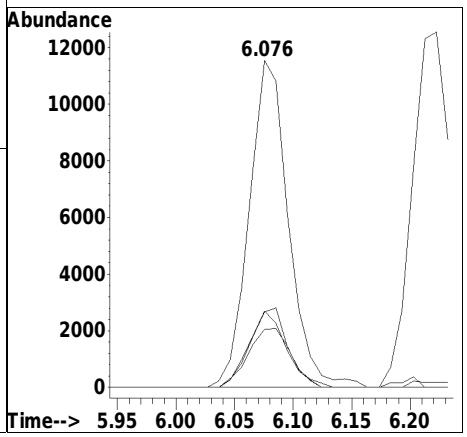


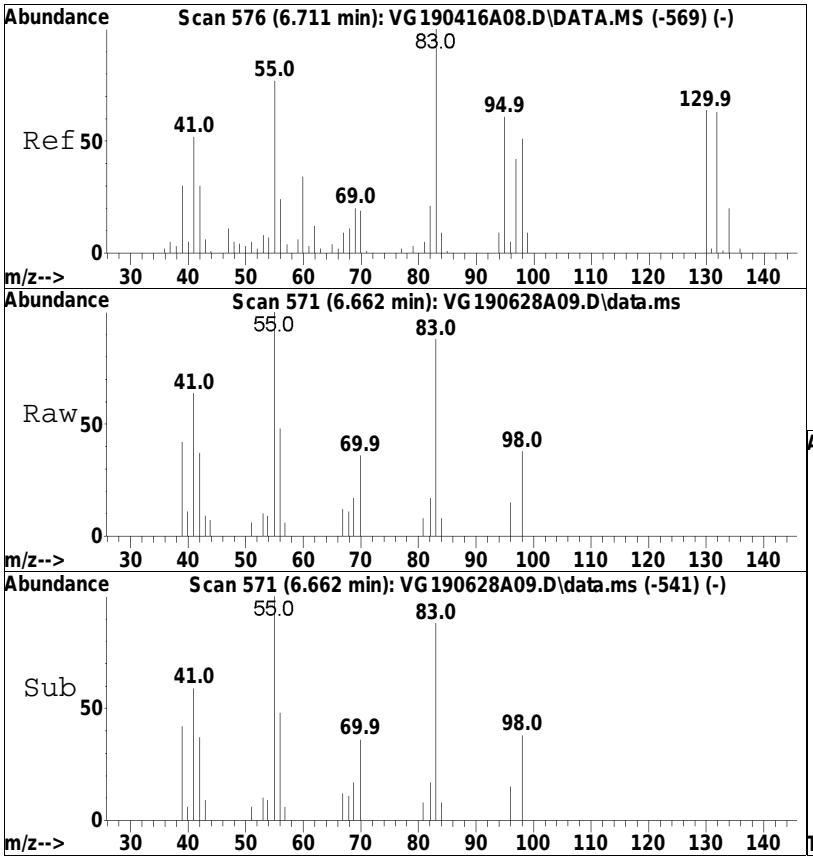


#41
Benzene
Concen: 1.37 ug/L
RT: 6.076 min Scan# 511
Delta R.T. -0.000 min
Lab File: VG190628A09.D
Acq: 28 Jun 2019 10:06 am

Tgt Ion: 78 Resp: 26982

Ion	Ratio	Lower	Upper
78	100		
77	23.3	15.5	32.1
51	22.1	9.9	20.7#
52	19.9	9.2	19.2#

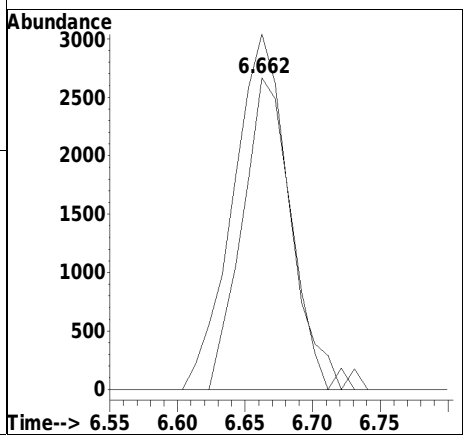


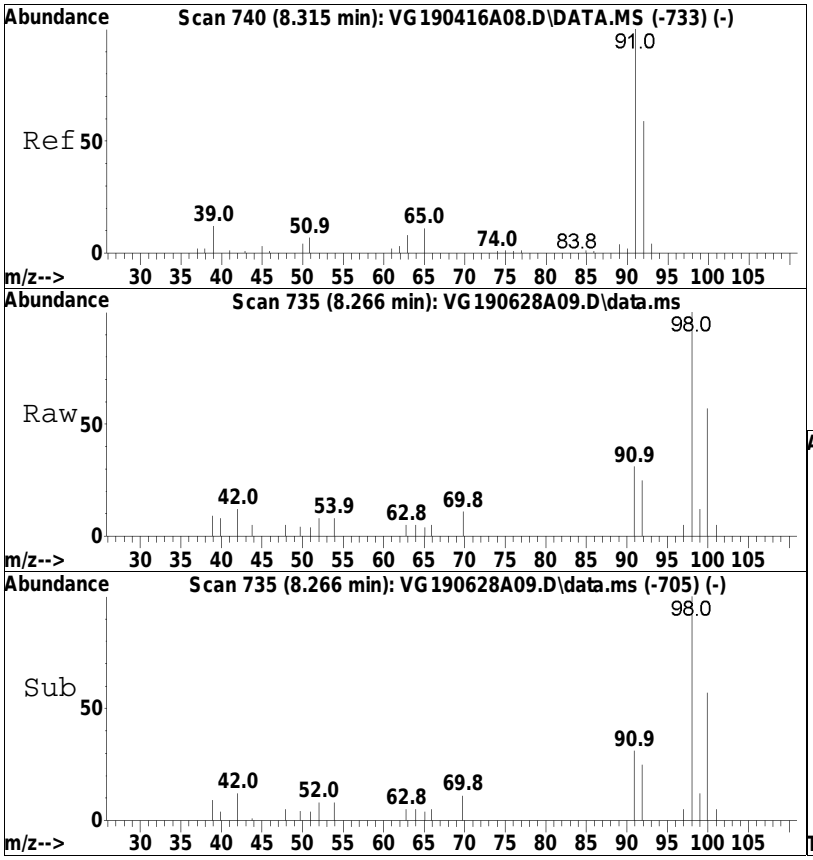


#47
Methyl cyclohexane
Concen: 0.73 ug/L
RT: 6.662 min Scan# 571
Delta R.T. -0.010 min
Lab File: VG190628A09.D
Acq: 28 Jun 2019 10:06 am

Tgt Ion: 83 Resp: 6761

Ion	Ratio	Lower	Upper
83	100		
55	130.7	56.0	84.0#

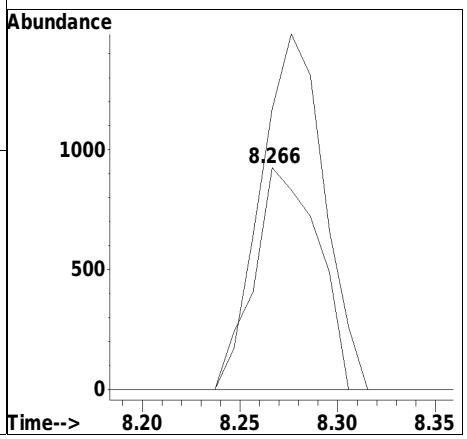


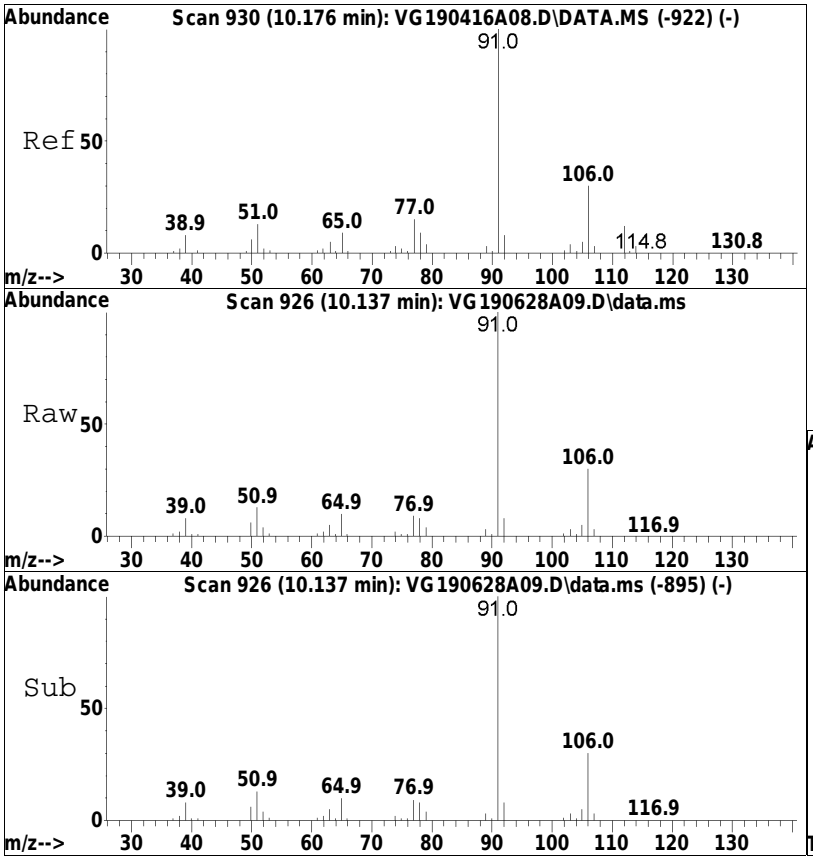


#61
Toluene
Concen: 0.18 ug/L
RT: 8.266 min Scan# 735
Delta R.T. -0.010 min
Lab File: VG190628A09.D
Acq: 28 Jun 2019 10:06 am

Tgt Ion: 92 Resp: 2122

Ion	Ratio	Lower	Upper
92	100		
91	157.6	134.8	202.2

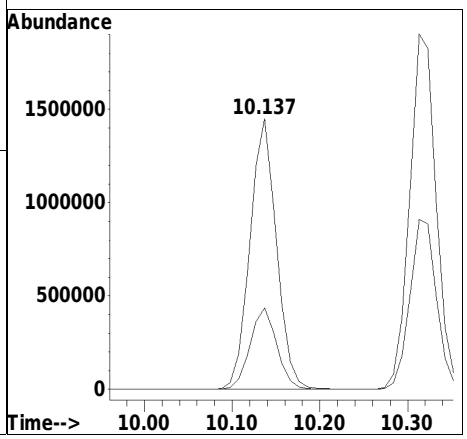


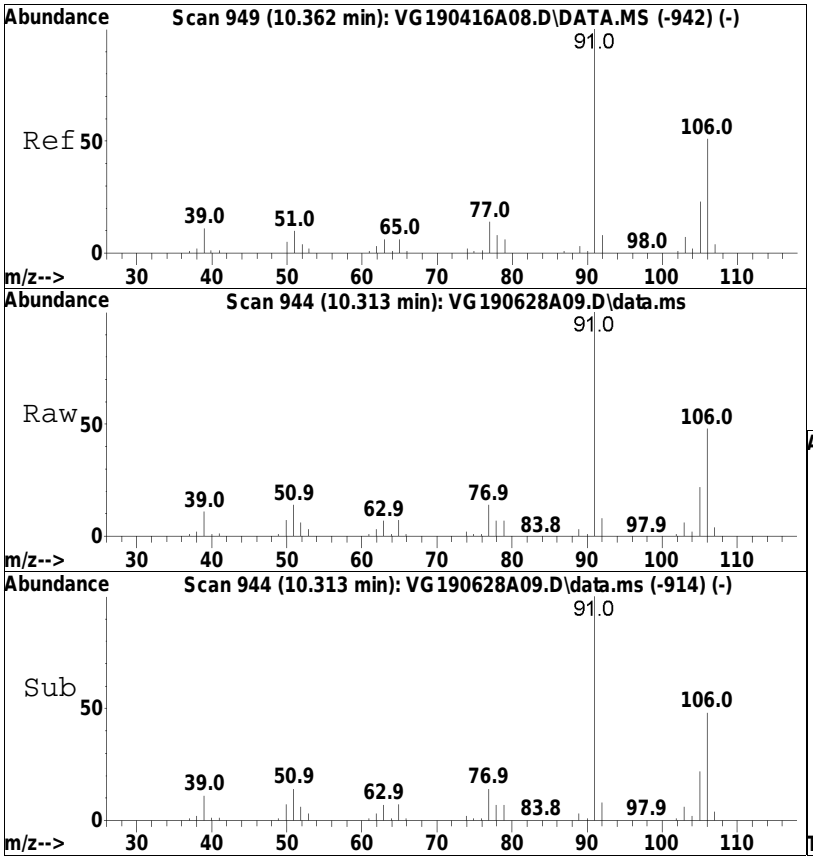


#74
Ethylbenzene
Concen: 129.08 ug/L
RT: 10.137 min Scan# 926
Delta R.T. -0.000 min
Lab File: VG190628A09.D
Acq: 28 Jun 2019 10:06 am

Tgt Ion: 91 Resp: 3048002

Ion	Ratio	Lower	Upper
91	100		
106	30.4	25.3	37.9

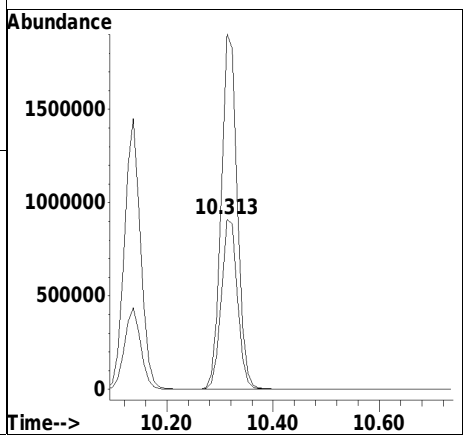


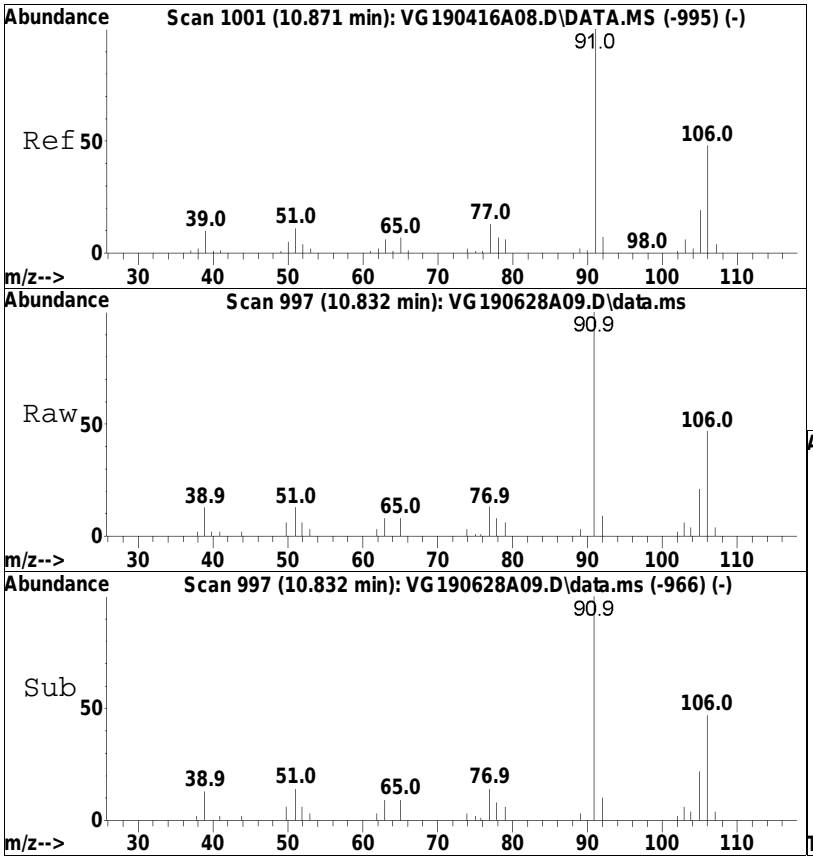


#76
p/m Xylene
Concen: 214.12 ug/L
RT: 10.313 min Scan# 944
Delta R.T. -0.010 min
Lab File: VG190628A09.D
Acq: 28 Jun 2019 10:06 am

Tgt Ion:106 Resp: 1928380

Ion	Ratio	Lower	Upper
106	100		
91	206.7	157.1	235.7

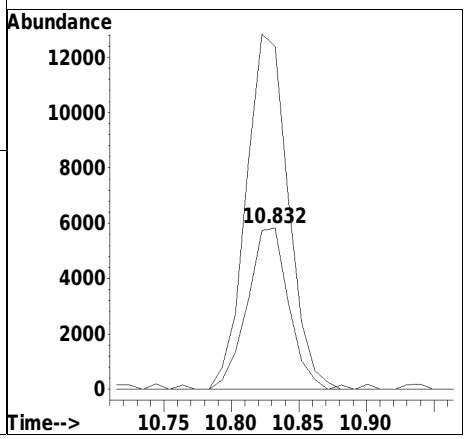


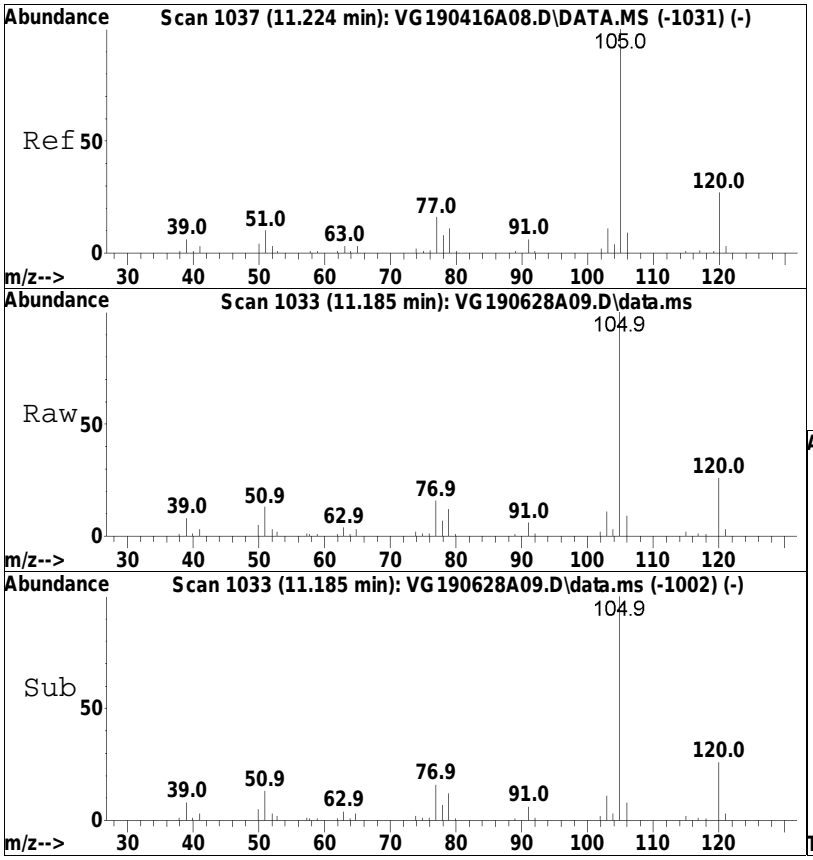


#77
o Xylene
Concen: 1.48 ug/L
RT: 10.832 min Scan# 997
Delta R.T. 0.000 min
Lab File: VG190628A09.D
Acq: 28 Jun 2019 10:06 am

Tgt Ion:106 Resp: 12481

Ion	Ratio	Lower	Upper
106	100		
91	223.0	164.7	247.1

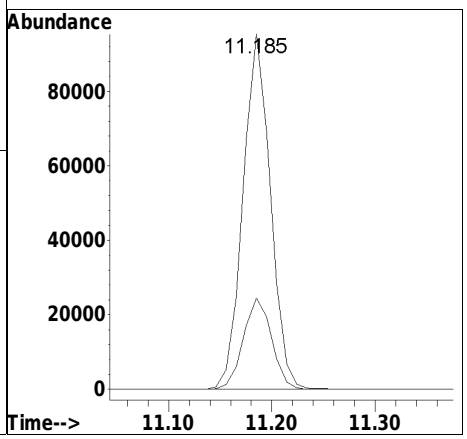




#82
Isopropylbenzene
Concen: 7.31 ug/L
RT: 11.185 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VG190628A09.D
Acq: 28 Jun 2019 10:06 am

Tgt Ion:105 Resp: 176198

Ion	Ratio	Lower	Upper
105	100		
120	26.5	7.0	47.0



Manual Integration Report

Data Path	: I:\VOLATILES\Gonzo\2019\19Q	Method	: G_190524A_8260.m
Data File	: VG190628A09.D	Operator	: GONZO:PD
Date Inj'd	: 6/28/2019 10:06 am	Instrument	: Gonzo
Sample	: 11928159-03D,31,4,10,,a	Quant Date	: 6/28/2019 10:27 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A09.D
Acq On : 28 Jun 2019 10:06 am
Operator : GONZO:PD
Sample : 11928159-03D,31,4,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VG190628A09.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.506	545	555	564	rBV	223895	516956	4.37%	1.270%
2	8.218	718	730	744	rBV	270121	638529	5.40%	1.569%
3	10.137	913	926	938	rBV	3408793	7743468	65.47%	19.023%
4	10.313	938	944	967	rVB	5666152	11827969	100.00%	29.058%
5	11.185	1026	1033	1041	rVB	241888	448466	3.79%	1.102%
6	11.498	1059	1065	1074	rBV	222918	412988	3.49%	1.015%
7	11.645	1074	1080	1085	rBV	476092	855315	7.23%	2.101%
8	11.753	1085	1091	1097	rVV	2128277	5004015	42.31%	12.293%
9	11.861	1097	1102	1112	rVB	1064585	1985525	16.79%	4.878%
10	12.076	1119	1124	1134	rVB	1198318	2117409	17.90%	5.202%
11	12.263	1138	1143	1151	rBV	3653641	5887070	49.77%	14.463%
12	12.674	1178	1185	1192	rBV	301650	544815	4.61%	1.338%
13	12.841	1192	1202	1207	rBV	977492	1877317	15.87%	4.612%
14	14.085	1323	1329	1337	rVB2	196148	383019	3.24%	0.941%
15	14.790	1396	1401	1407	rBV	284014	462386	3.91%	1.136%

Sum of corrected areas: 40705247

Signal : TIC: VG190628A09.D\datasim.ms

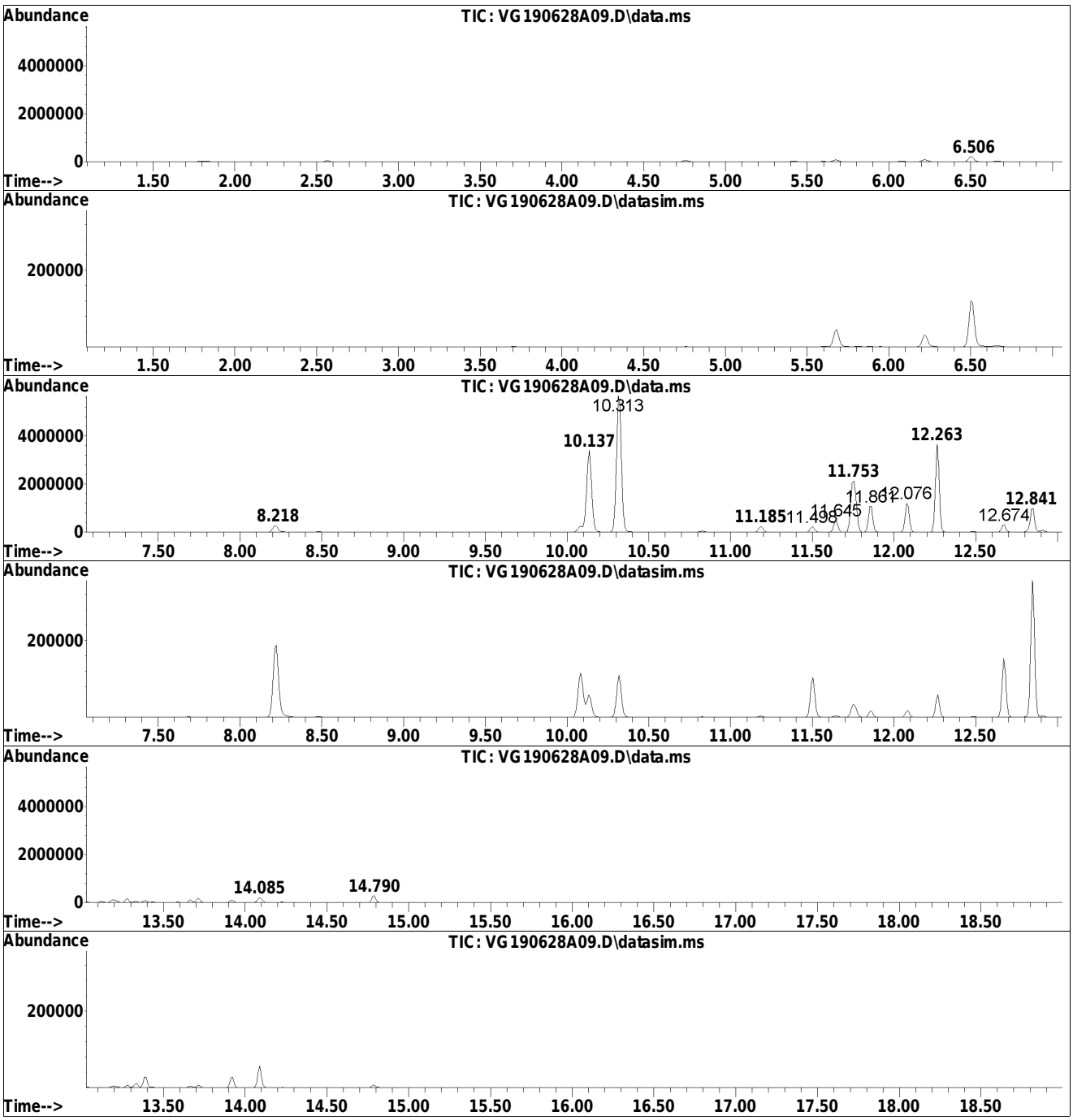
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total

No peaks were detected using the above RTE integration parameters!

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A09.D
Acq On : 28 Jun 2019 10:06 am
Operator : GONZO:PD
Sample : 11928159-03D,31,4,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A09.D
Acq On : 28 Jun 2019 10:06 am
Operator : GONZO:PD
Sample : l1928159-03D,31,4,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

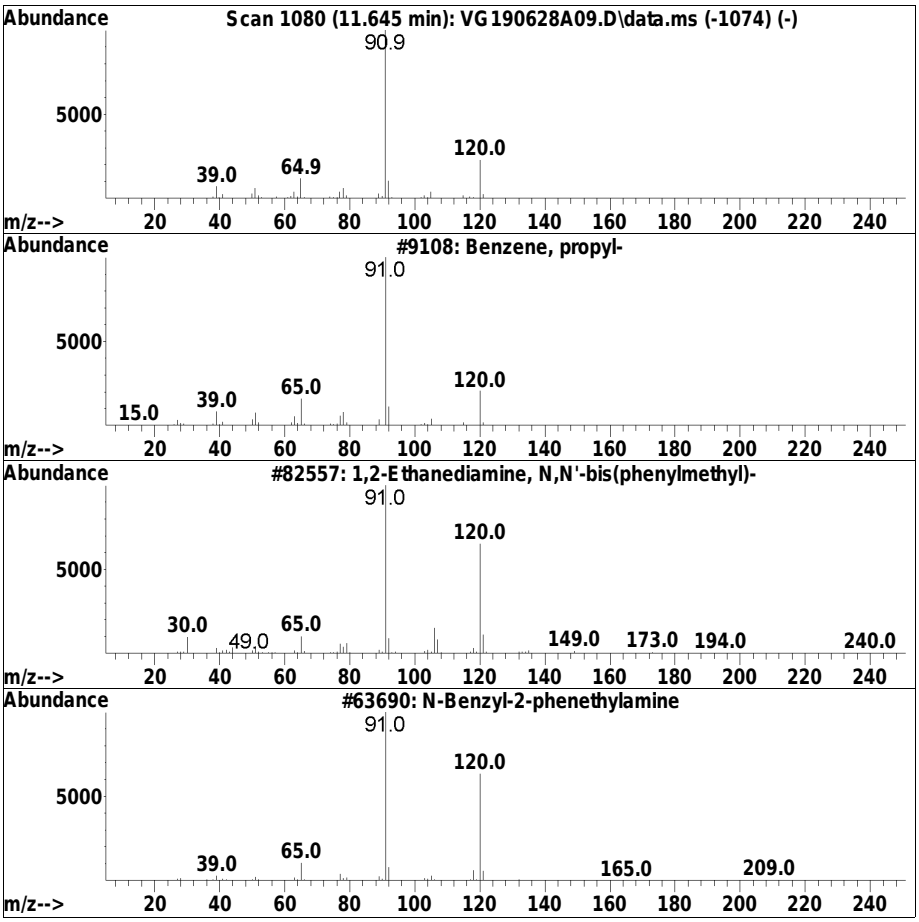
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

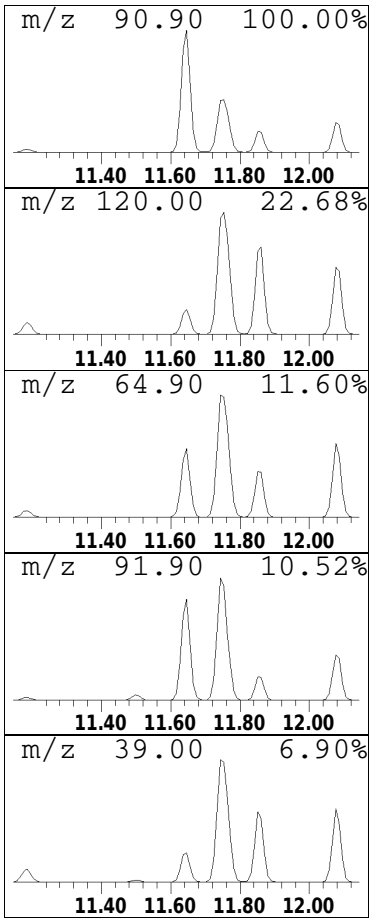
****

Peak Number 1 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	15.70 ug/L	855315	1,4-Dichlorobenzene-d4	12.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	78
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	49





Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A09.D
Acq On : 28 Jun 2019 10:06 am
Operator : GONZO:PD
Sample : l1928159-03D,31,4,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

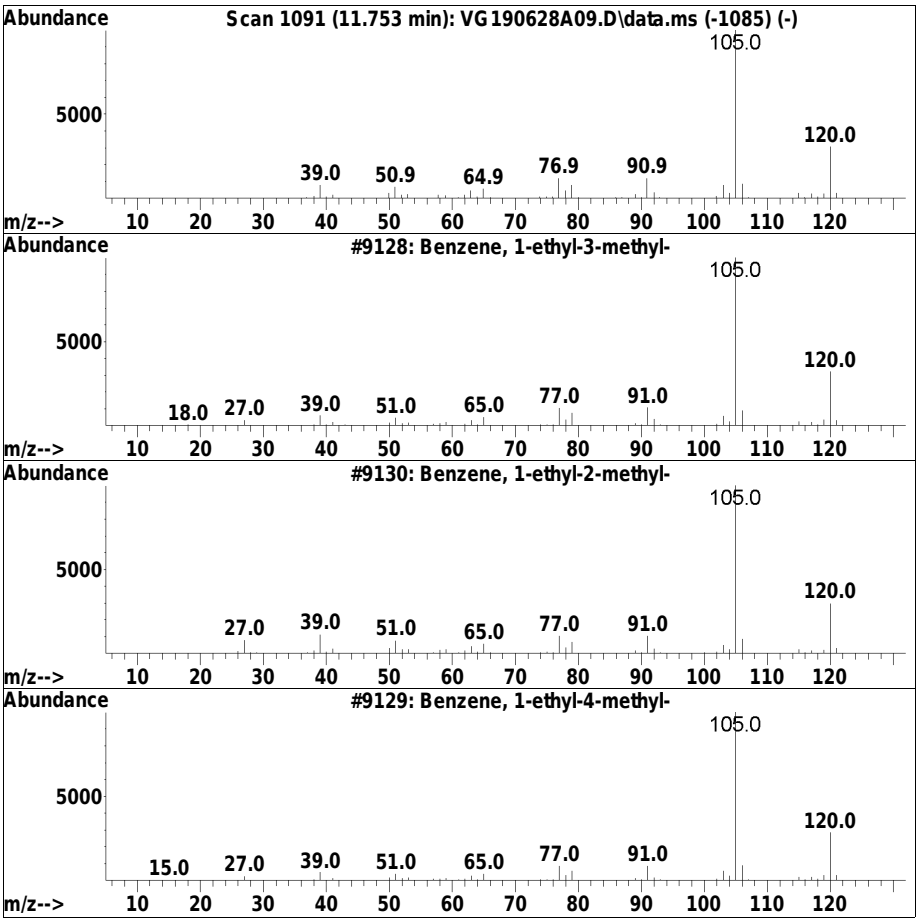
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

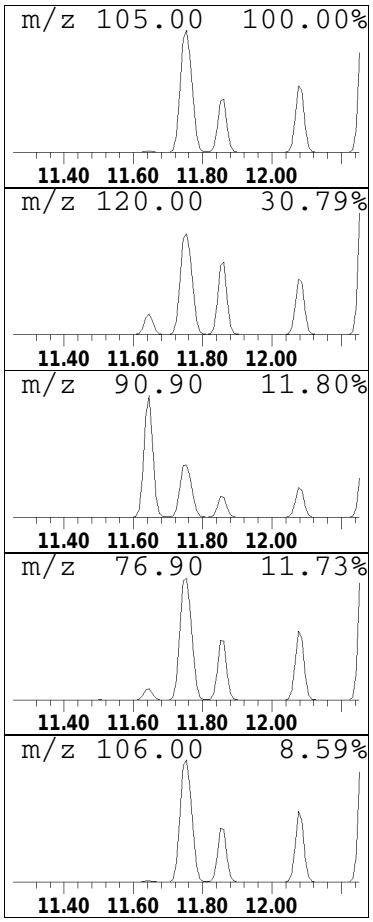
****

Peak Number 2 Unknown Benzene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.753	91.85 ug/L	5004020	1,4-Dichlorobenzene-d4	12.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A09.D
Acq On : 28 Jun 2019 10:06 am
Operator : GONZO:PD
Sample : 11928159-03D,31,4,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

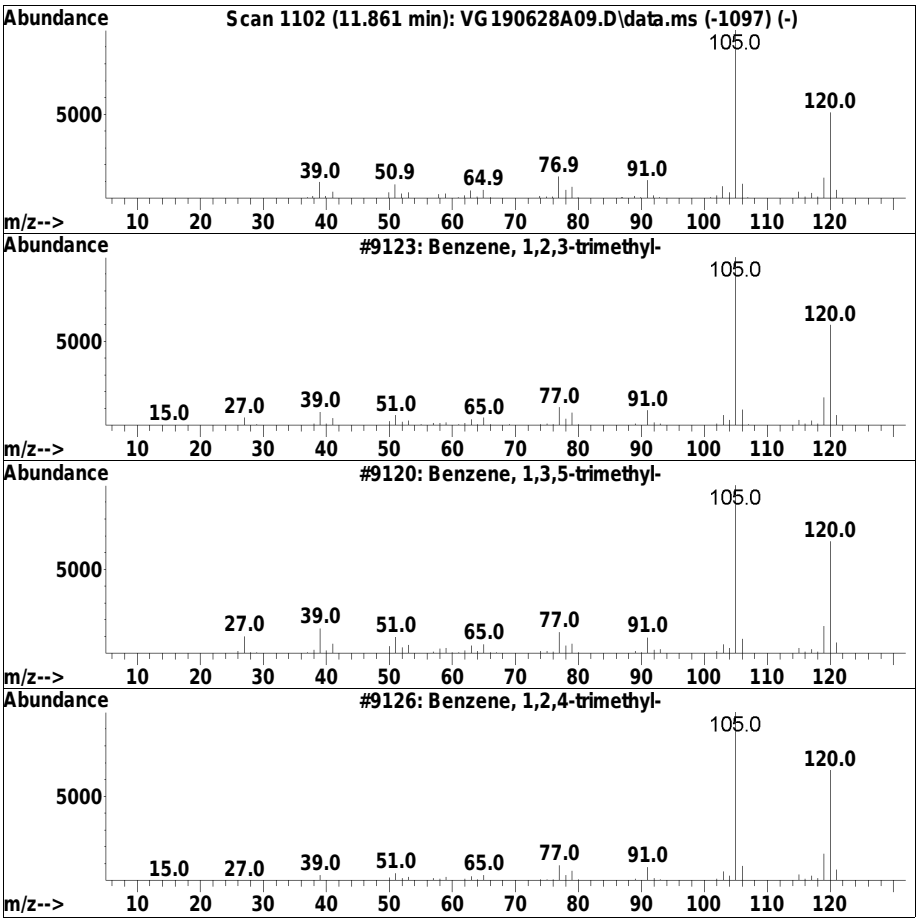
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

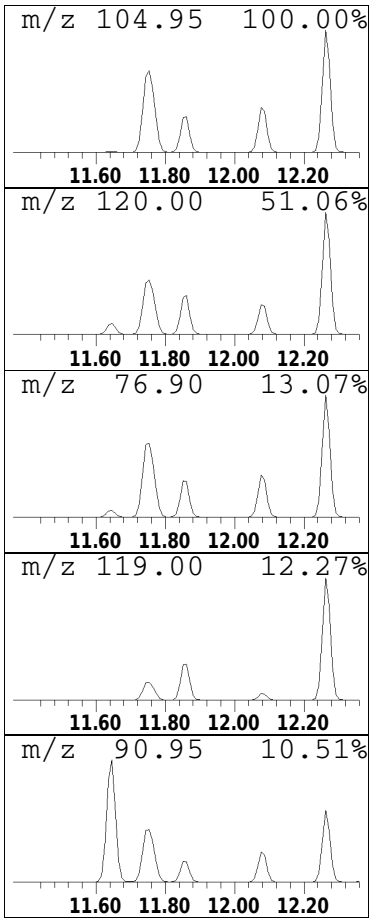
****

Peak Number 3 Unknown Benzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.861	36.44 ug/L	1985530	1,4-Dichlorobenzene-d4	12.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A09.D
Acq On : 28 Jun 2019 10:06 am
Operator : GONZO:PD
Sample : l1928159-03D,31,4,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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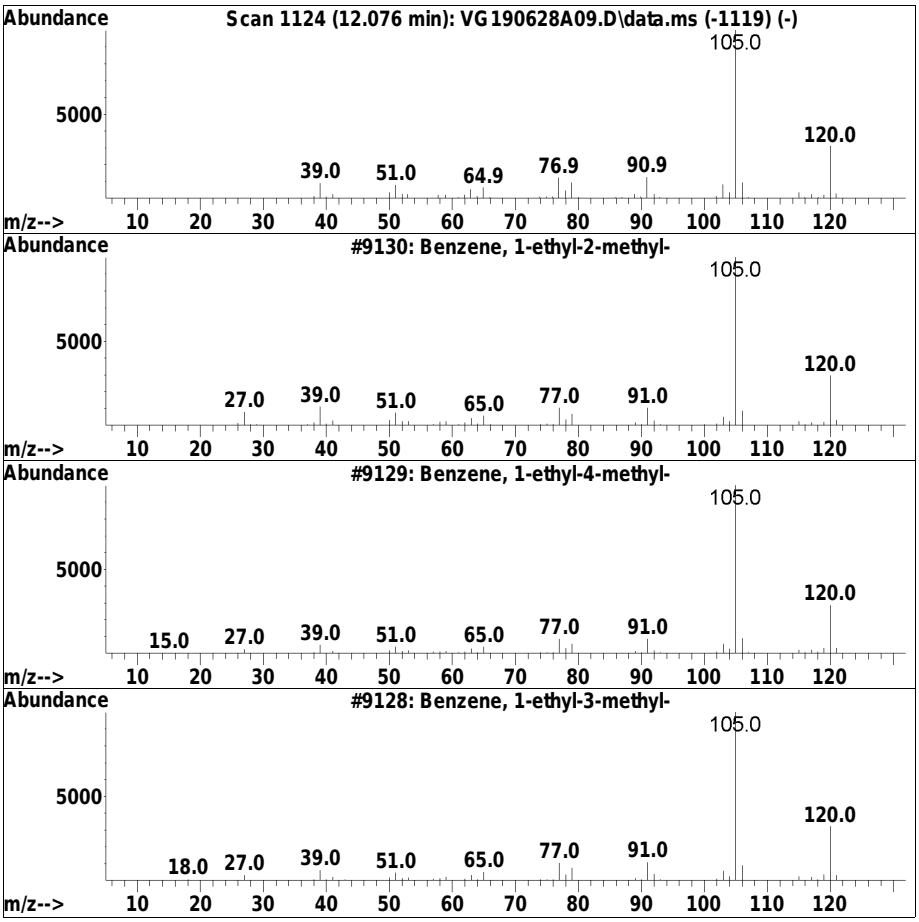
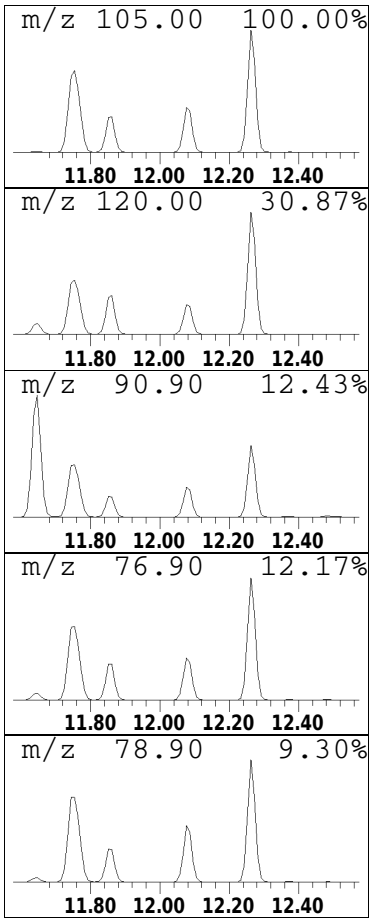
Peak Number 4 Unknown Benzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.076	38.86 ug/L	2117410	1,4-Dichlorobenzene-d4	12.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A09.D
Acq On : 28 Jun 2019 10:06 am
Operator : GONZO:PD
Sample : l1928159-03D,31,4,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

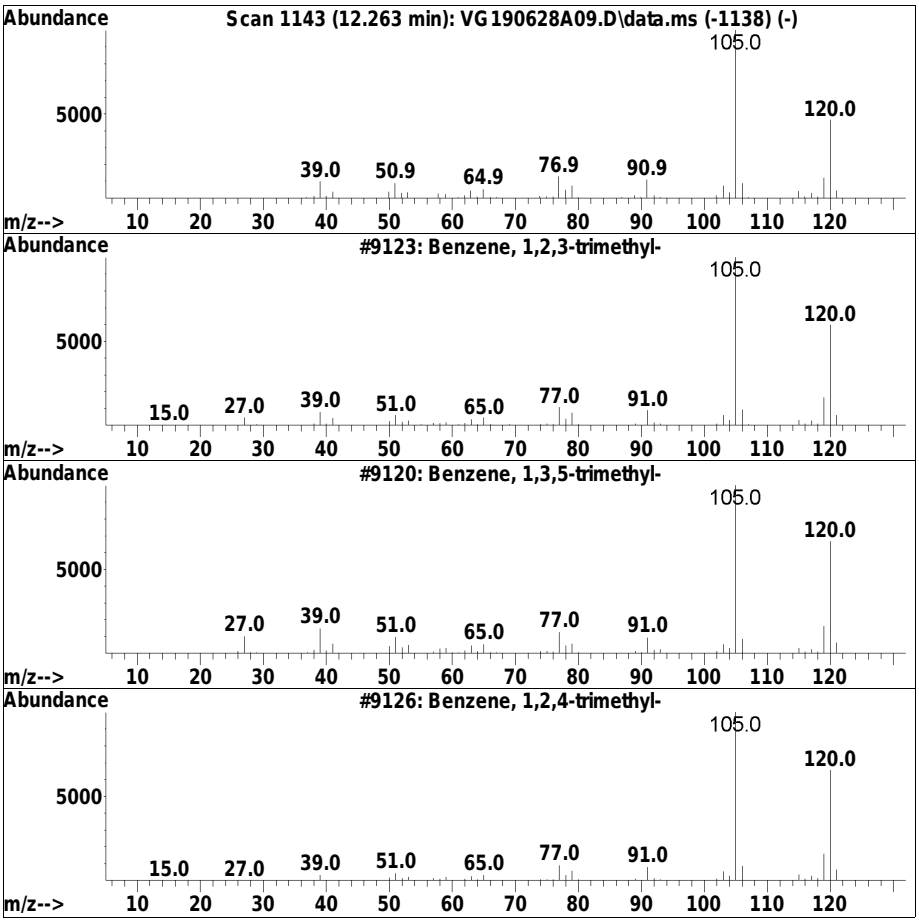
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

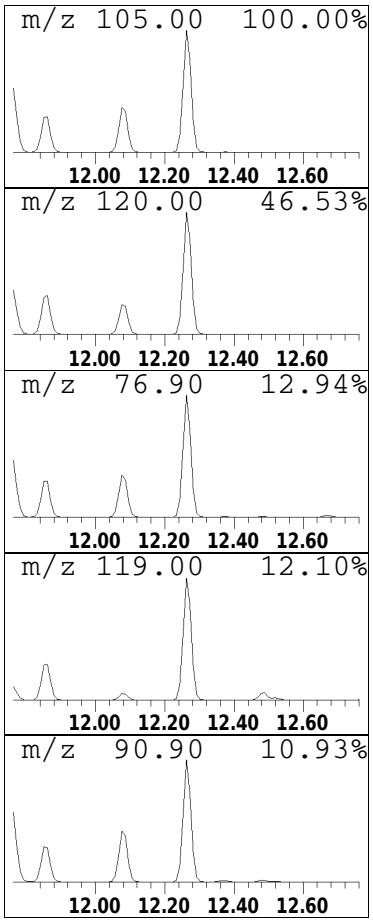
****

Peak Number 5 Unknown Benzene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.262	108.06 ug/L	5887070	1,4-Dichlorobenzene-d4	12.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A09.D
Acq On : 28 Jun 2019 10:06 am
Operator : GONZO:PD
Sample : l1928159-03D,31,4,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

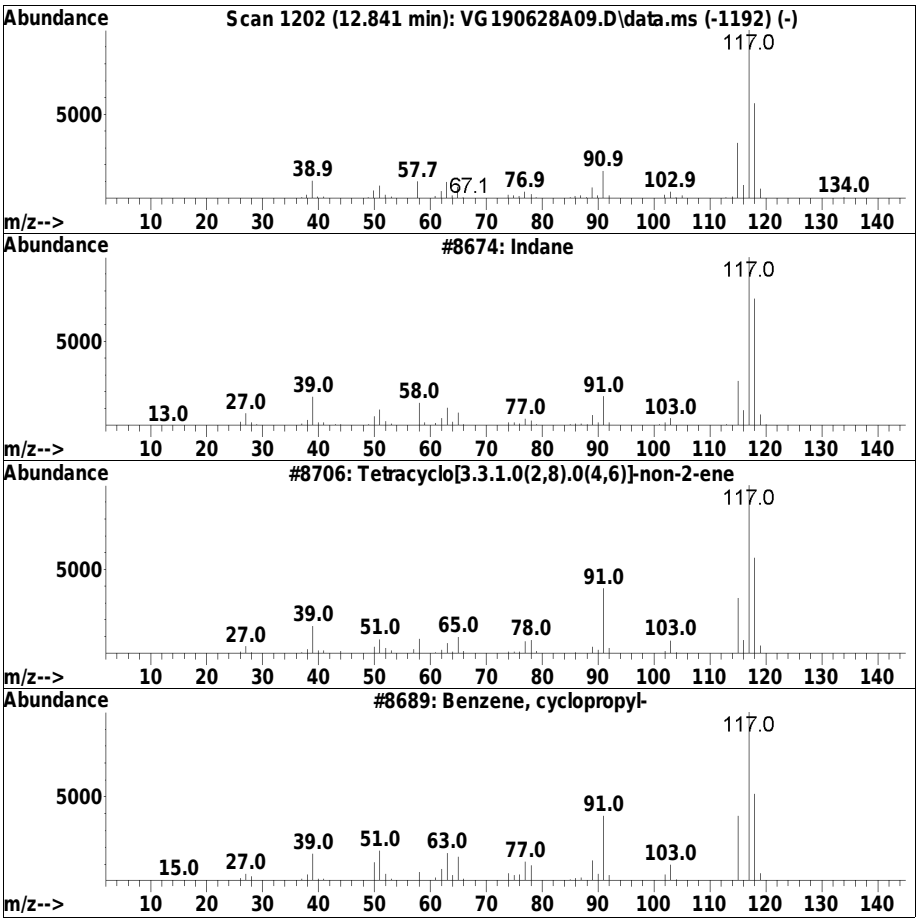
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

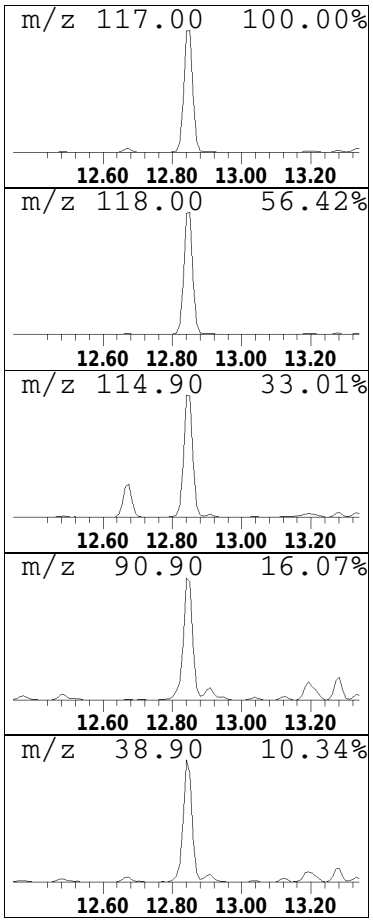
****

Peak Number 6 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.841	34.46 ug/L	1877320	1,4-Dichlorobenzene-d4	12.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	96
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	72
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68





Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A09.D
Acq On : 28 Jun 2019 10:06 am
Operator : GONZO:PD
Sample : 11928159-03D,31,4,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

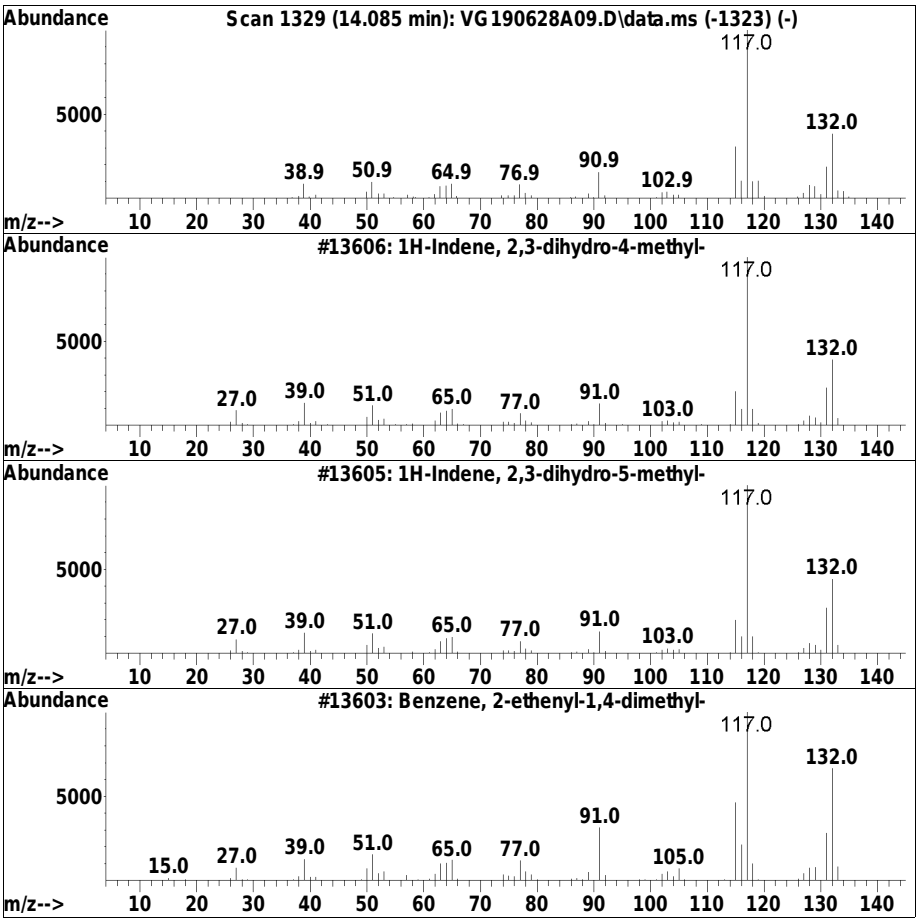
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

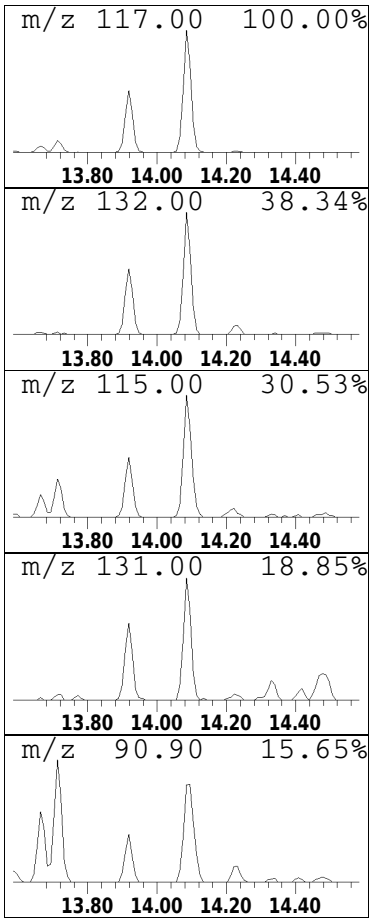
****

Peak Number 7 Unknown Aromatic Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.085	7.03 ug/L	383019	1,4-Dichlorobenzene-d4	12.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90





Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A09.D
Acq On : 28 Jun 2019 10:06 am
Operator : GONZO:PD
Sample : l1928159-03D,31,4,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

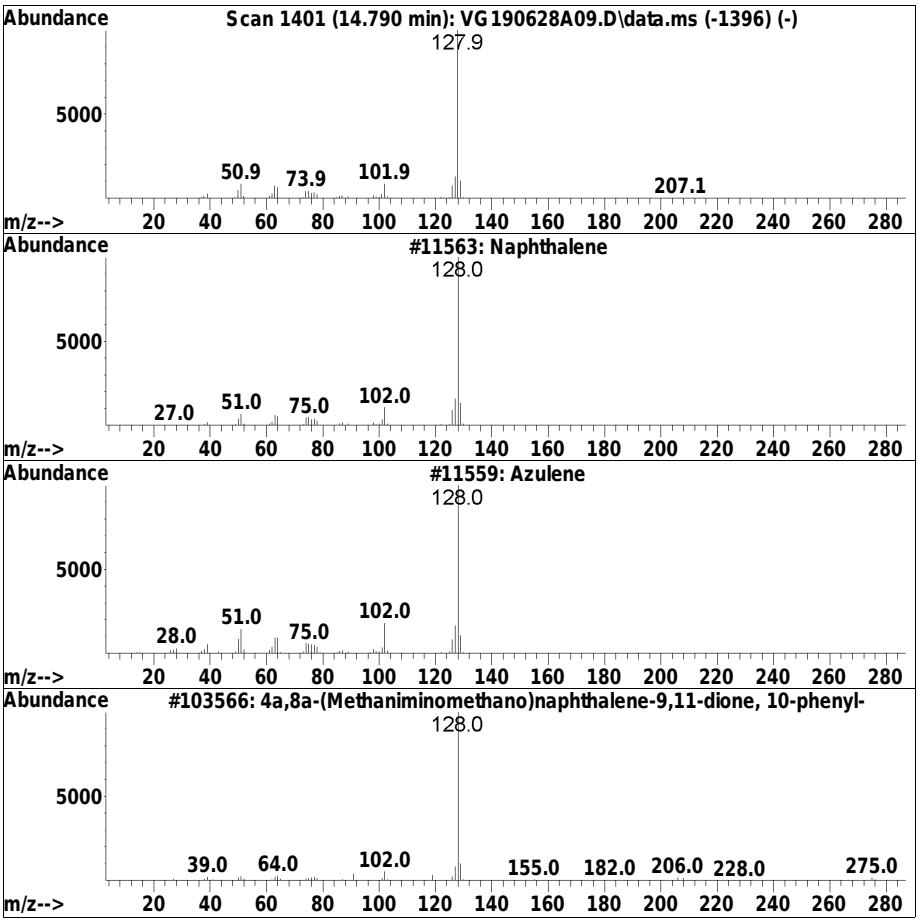
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

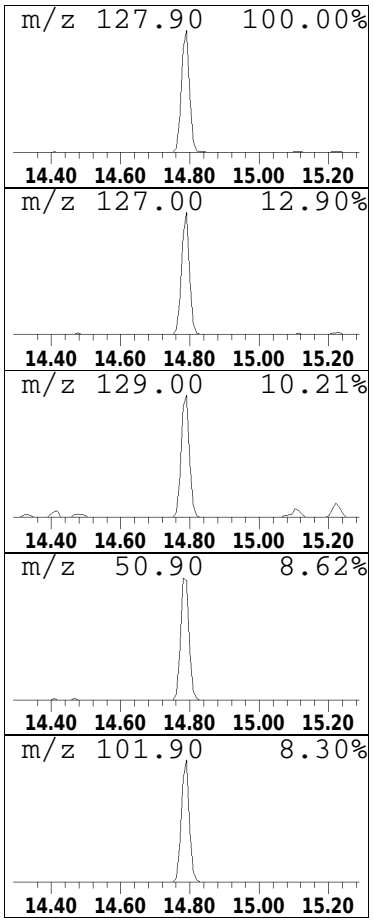
****

Peak Number 8 Naphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.790	8.49 ug/L	462386	1,4-Dichlorobenzene-d4	12.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Azulene	128	C10H8	000275-51-4	91
3	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
4	4-Fluorothiophenol	128	C6H5FS	000371-42-6	56
5	[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	50





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A09.D
Acq On : 28 Jun 2019 10:06 am
Operator : GONZO:PD
Sample : 11928159-03D,31,4,10,,a
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, propyl-	11.645	15.7	ug/L	855315	3	12.674	544815	10.0
Unknown Benzene	11.753	91.8	ug/L	5004020	3	12.674	544815	10.0
Unknown Benzene	11.861	36.4	ug/L	1985530	3	12.674	544815	10.0
Unknown Benzene	12.076	38.9	ug/L	2117410	3	12.674	544815	10.0
Unknown Benzene	12.262	108.1	ug/L	5887070	3	12.674	544815	10.0
Indane	12.841	34.5	ug/L	1877320	3	12.674	544815	10.0
Unknown Aromatic	14.085	7.0	ug/L	383019	3	12.674	544815	10.0
Naphthalene	14.790	8.5	ug/L	462386	3	12.674	544815	10.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A13.D
Acq On : 2 Jul 2019 13:20
Operator : GONZO:NLK
Sample : 11928159-05,31,10,10,,a
Misc : WG1255980,ICAL15822
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 02 14:14:12 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190702A\VG190702A02.D
Sub List : 8260-NJTCL - Standard NJ Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.506	96	228725	10.000	ug/L	0.00
Standard Area 1 = 265173			Recovery = 86.26%			
59) Chlorobenzene-d5	10.078	117	158676	10.000	ug/L	0.00
Standard Area 1 = 187939			Recovery = 84.43%			
79) 1,4-Dichlorobenzene-d4	12.674	152	73791	10.000	ug/L	0.00
Standard Area 1 = 93576			Recovery = 78.86%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.675	113	54995	9.996	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.96%			
43) 1,2-Dichloroethane-d4	6.222	65	70800	10.715	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.15%			
60) Toluene-d8	8.218	98	224406	10.607	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.07%			
83) 4-Bromofluorobenzene	11.498	95	71257	10.554	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.525	94	921	0.250	ug/L	92
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.366	76	1414	0.111	ug/L #	73
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.973	43	1941	2.418	ug/L	95
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A13.D
Acq On : 2 Jul 2019 13:20
Operator : GONZO:NLK
Sample : 11928159-05,31,10,10,,a
Misc : WG1255980,ICAL15822
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 02 14:14:12 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190702A\VG190702A02.D
Sub List : 8260-NJTCL - Standard NJ Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.		
41) Benzene	6.007	78	106	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	8.266	92	106	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	10.078	91	227	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

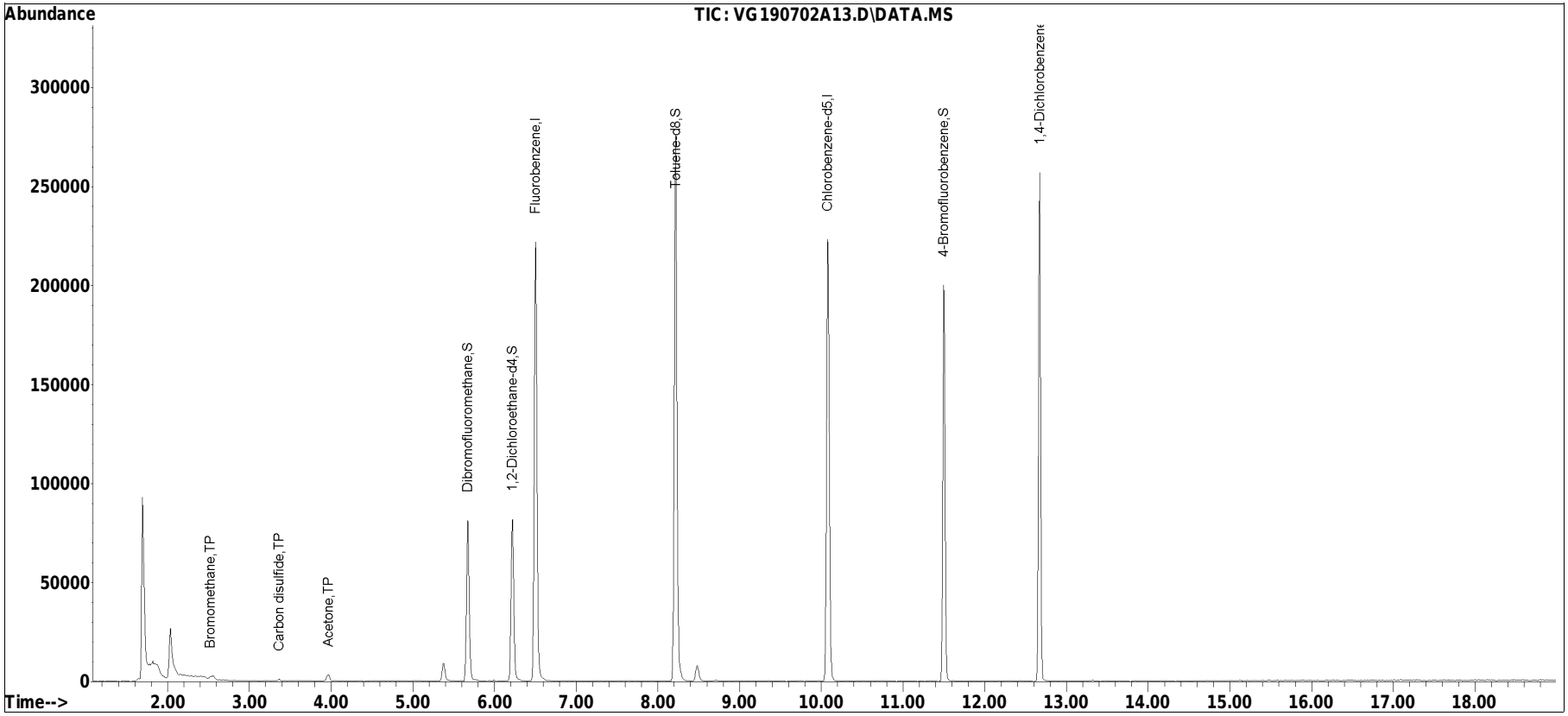
(#) = qualifier out of range (m) = manual integration (+) = signals summed

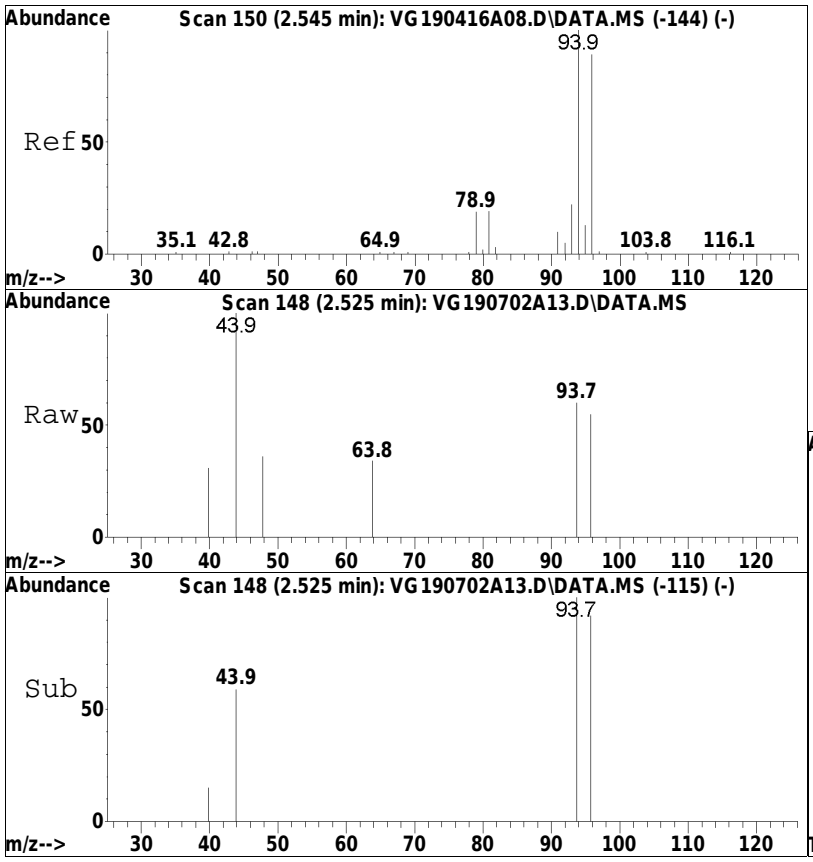
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A13.D
Acq On : 2 Jul 2019 13:20
Operator : GONZO:NLK
Sample : 11928159-05,31,10,10,,a
Misc : WG1255980,ICAL15822
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 02 14:14:12 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

Sub List : 8260-NJTCL - Standard NJ Sublist02A\VG190702A02.D•

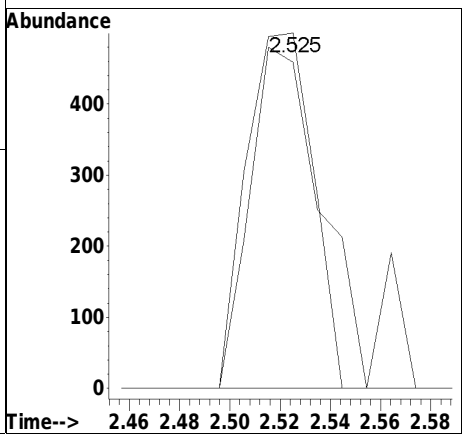


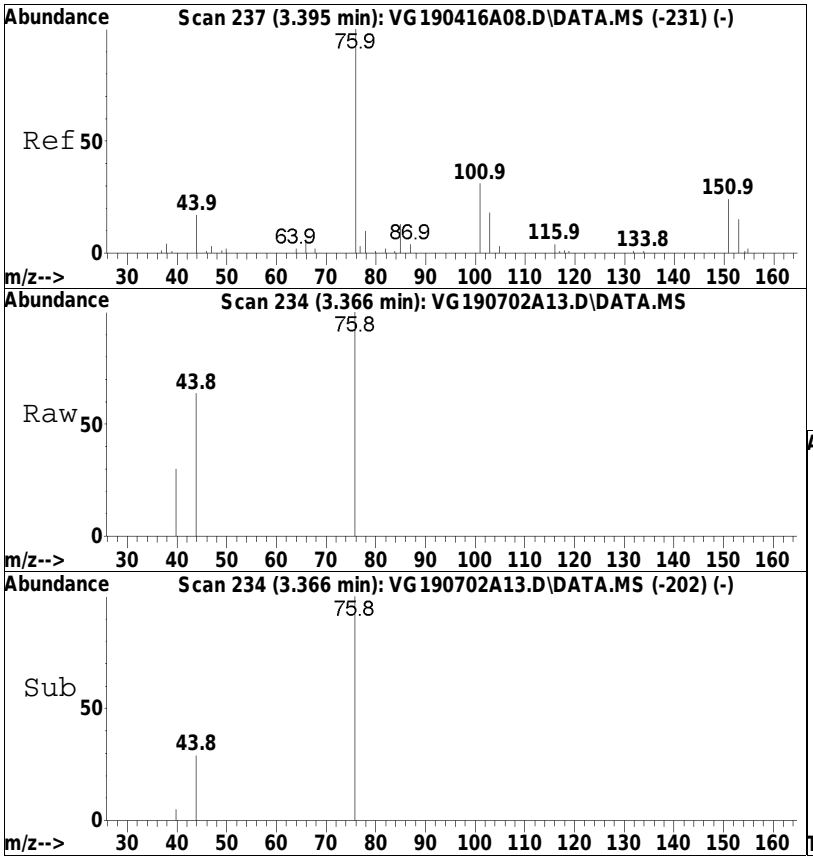


#5
Bromomethane
Concen: 0.25 ug/L
RT: 2.525 min Scan# 148
Delta R.T. 0.019 min
Lab File: VG190702A13.D
Acq: 2 Jul 2019 13:20

Tgt Ion: 94 Resp: 921

Ion	Ratio	Lower	Upper
94	100		
96	102.7	75.2	115.2

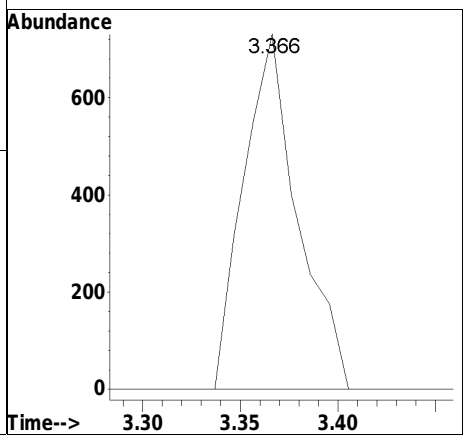


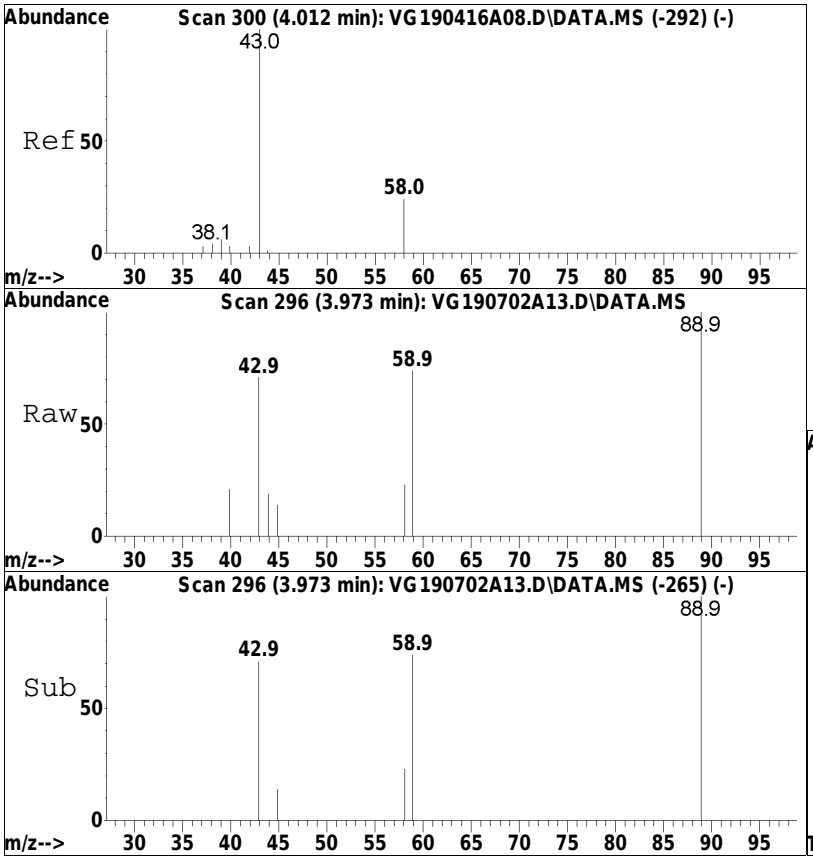


#11
Carbon disulfide
Concen: 0.11 ug/L
RT: 3.366 min Scan# 234
Delta R.T. 0.010 min
Lab File: VG190702A13.D
Acq: 2 Jul 2019 13:20

Tgt Ion: 76 Resp: 1414

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.6	13.6#

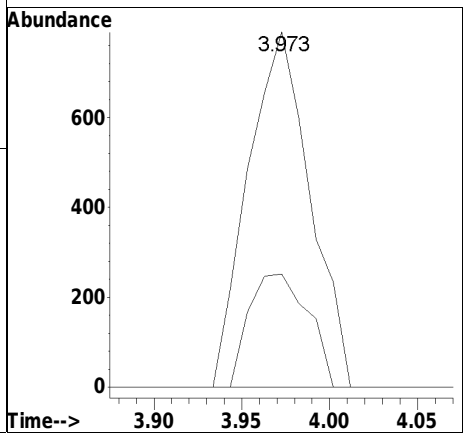




#17
Acetone
Concen: 2.42 ug/L
RT: 3.973 min Scan# 296
Delta R.T. -0.000 min
Lab File: VG190702A13.D
Acq: 2 Jul 2019 13:20

Tgt Ion: 43 Resp: 1941

Ion	Ratio	Lower	Upper
43	100		
58	30.4	22.2	33.4



Manual Integration Report

Data Path	: I:\VOLATILES\Gonzo\2019\19Q	Method	: G_190524A_8260.m
Data File	: VG190702A13.D	Operator	: GONZO:NLK
Date Inj'd	: 7/2/2019 13:20	Instrument	: Gonzo
Sample	: 11928159-05,31,10,10,,a	Quant Date	: 7/2/2019 2:12 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A13.D
Acq On : 2 Jul 2019 13:20
Operator : GONZO:NLK
Sample : 11928159-05,31,10,10,,a
Misc : WG1255980,ICAL15822
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VG190702A13.D\DATA.MS

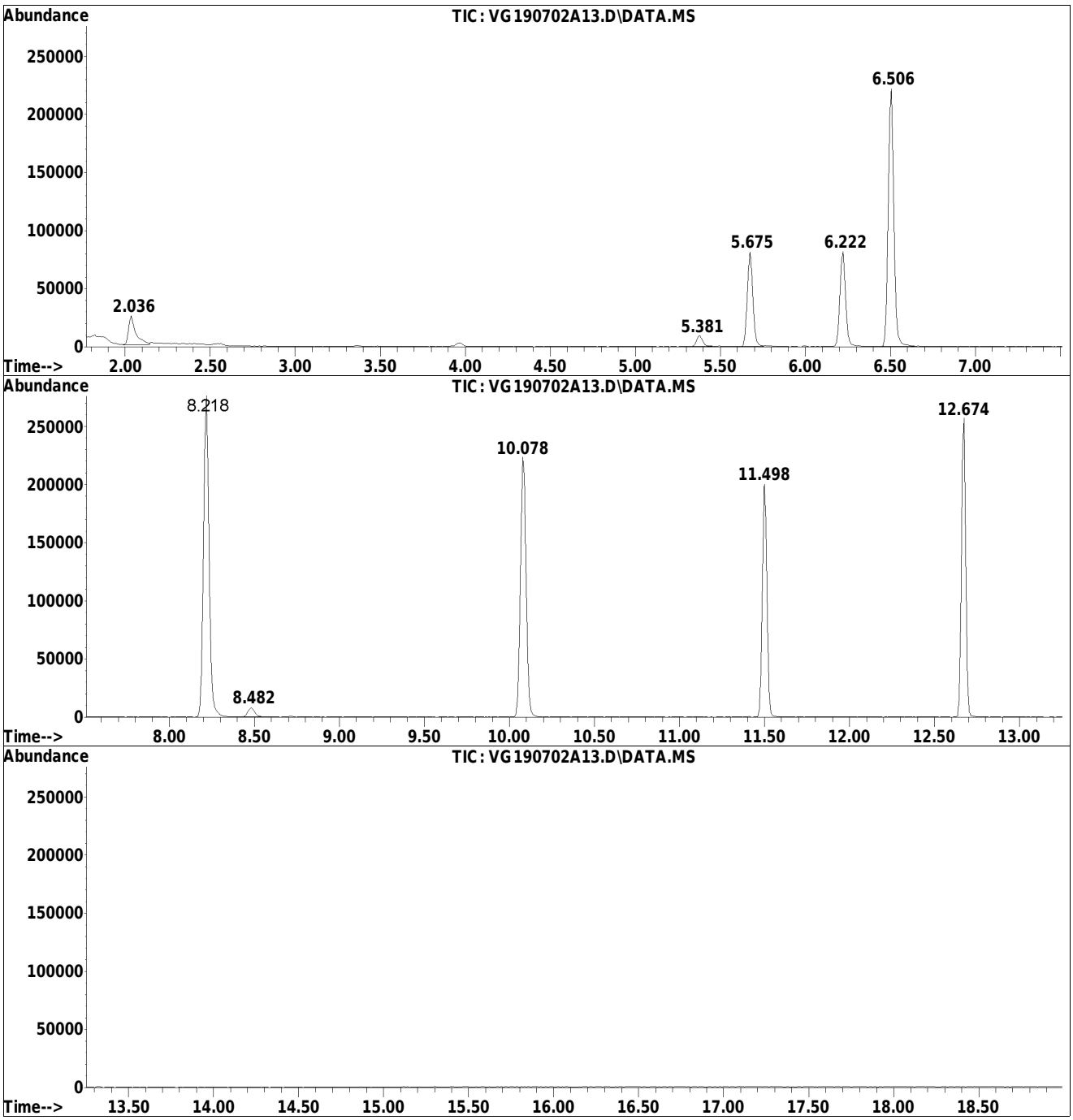
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.036	93	98	109	rBV	24965	73440	11.75%	2.469%
2	5.381	433	440	450	rBV	9090	24884	3.98%	0.836%
3	5.675	464	470	478	rBV	81199	182463	29.20%	6.133%
4	6.222	512	526	543	rBV	82016	193819	31.01%	6.515%
5	6.506	543	555	570	rBV	221962	509426	81.51%	17.124%
6	8.218	722	730	744	rBV	276159	624956	100.00%	21.007%
7	8.482	750	757	766	rVB	7962	21765	3.48%	0.732%
8	10.078	912	920	932	rVB	223416	514937	82.40%	17.309%
9	11.498	1058	1065	1074	rBV	200325	376402	60.23%	12.652%
10	12.674	1177	1185	1197	rBV	257082	452908	72.47%	15.224%

Sum of corrected areas: 2975000

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A13.D
Acq On : 2 Jul 2019 13:20
Operator : GONZO:NLK
Sample : 11928159-05,31,10,10,,a
Misc : WG1255980,ICAL15822
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A13.D
Acq On : 2 Jul 2019 13:20
Operator : GONZO:NLK
Sample : l1928159-05,31,10,10,,a
Misc : WG1255980,ICAL15822
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

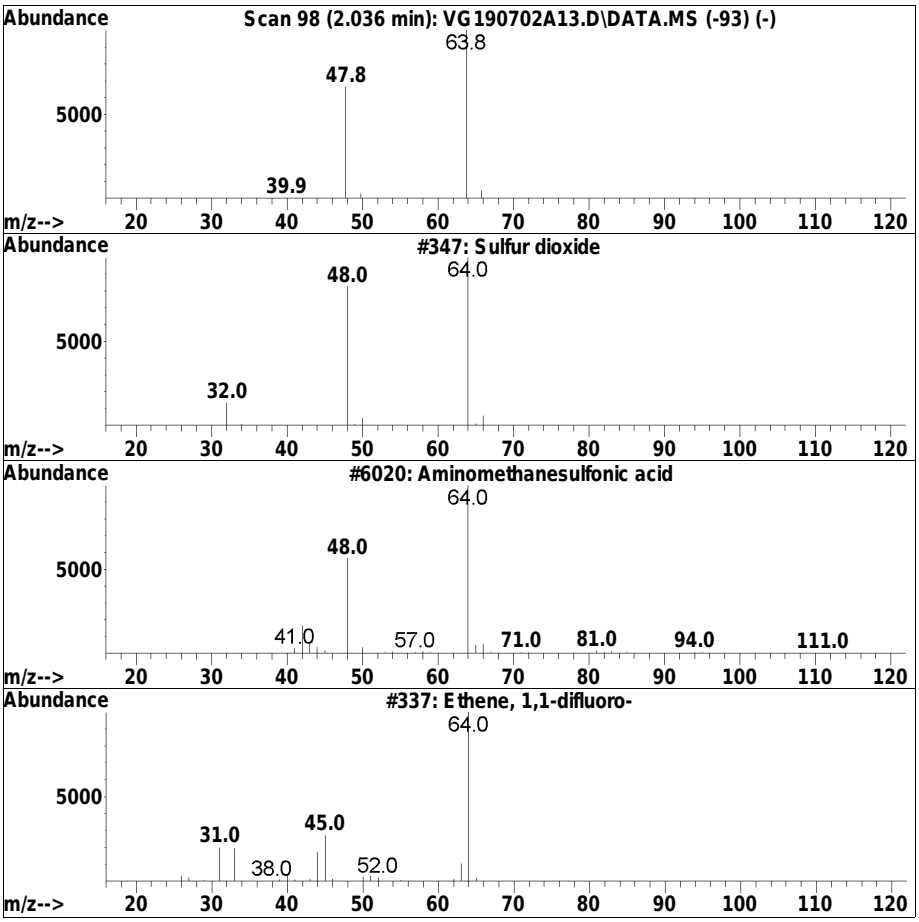
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

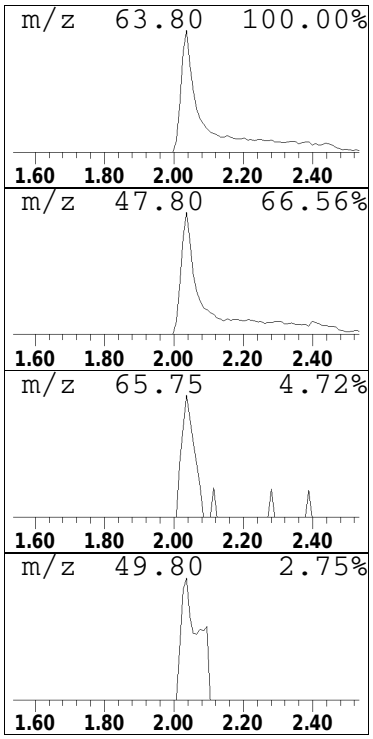
****

Peak Number 1 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.036	1.44 ug/L	73440	Fluorobenzene	6.506

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
3	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	3
5	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	3





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A13.D
Acq On : 2 Jul 2019 13:20
Operator : GONZO:NLK
Sample : 11928159-05,31,10,10,,a
Misc : WG1255980,ICAL15822
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	2.036	1.4	ug/L	73440	1	6.506	509426	10.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A14.D
Acq On : 2 Jul 2019 13:46
Operator : GONZO:NLK
Sample : 11928159-06,31,10,10,,a
Misc : WG1255980,ICAL15822
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 02 14:15:59 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190702A\VG190702A02.D
Sub List : 8260-NJTCL - Standard NJ Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.506	96	228207	10.000	ug/L	0.00
Standard Area 1 = 265173			Recovery = 86.06%			
59) Chlorobenzene-d5	10.078	117	161374	10.000	ug/L	-0.01
Standard Area 1 = 187939			Recovery = 85.87%			
79) 1,4-Dichlorobenzene-d4	12.674	152	71923	10.000	ug/L	0.00
Standard Area 1 = 93576			Recovery = 76.86%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.674	113	55317	10.077	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.77%			
43) 1,2-Dichloroethane-d4	6.222	65	70448	10.686	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.86%			
60) Toluene-d8	8.217	98	227748	10.585	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.85%			
83) 4-Bromofluorobenzene	11.498	95	70148	10.660	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.525	94	811	0.221	ug/L #	72
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.366	76	1465	0.115	ug/L #	73
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A14.D
Acq On : 2 Jul 2019 13:46
Operator : GONZO:NLK
Sample : 11928159-06,31,10,10,,a
Misc : WG1255980,ICAL15822
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 02 14:15:59 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190702A\VG190702A02.D
Sub List : 8260-NJTCL - Standard NJ Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.		
41) Benzene	6.085	78	255	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	8.276	92	272	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	9.892	43	98	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	10.078	91	234	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

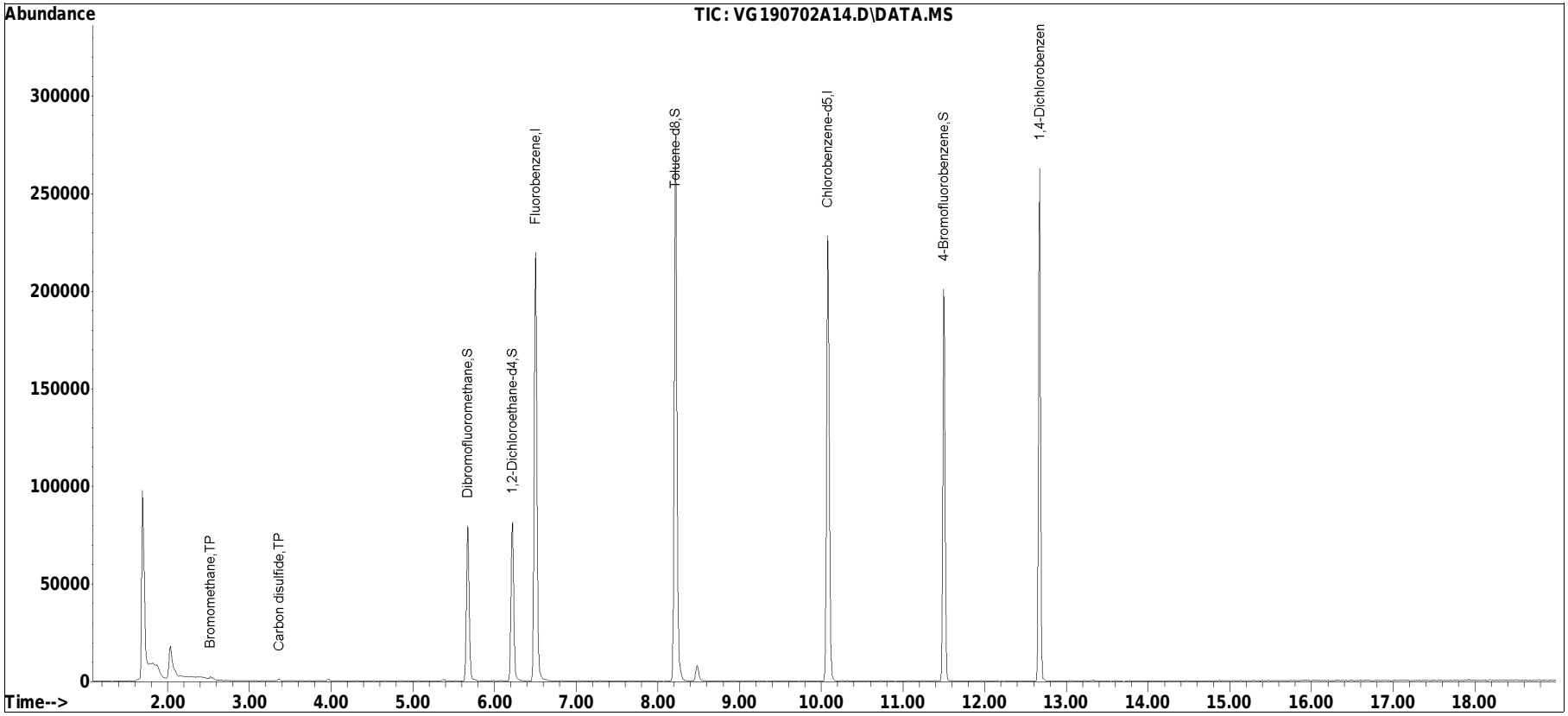
(#) = qualifier out of range (m) = manual integration (+) = signals summed

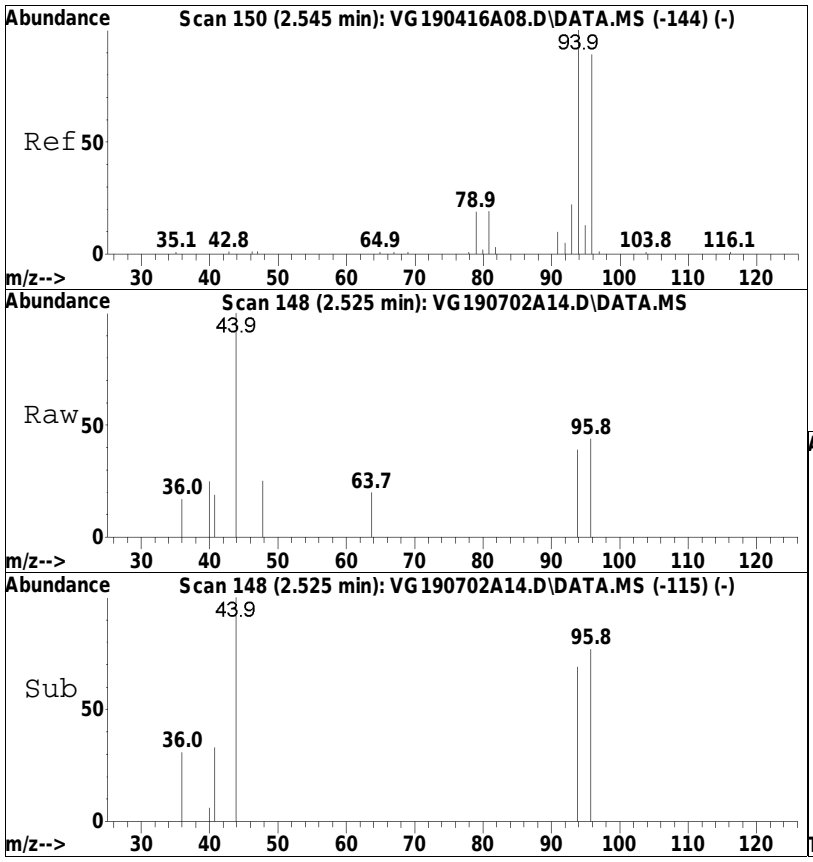
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A14.D
Acq On : 2 Jul 2019 13:46
Operator : GONZO:NLK
Sample : 11928159-06,31,10,10,,a
Misc : WG1255980,ICAL15822
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 02 14:15:59 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

Sub List : 8260-NJTCL - Standard NJ Sublist02A\VG190702A02.D•

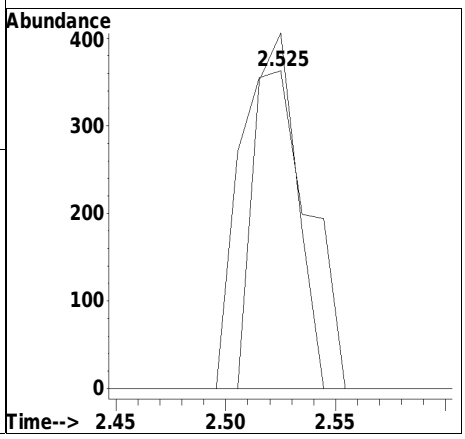


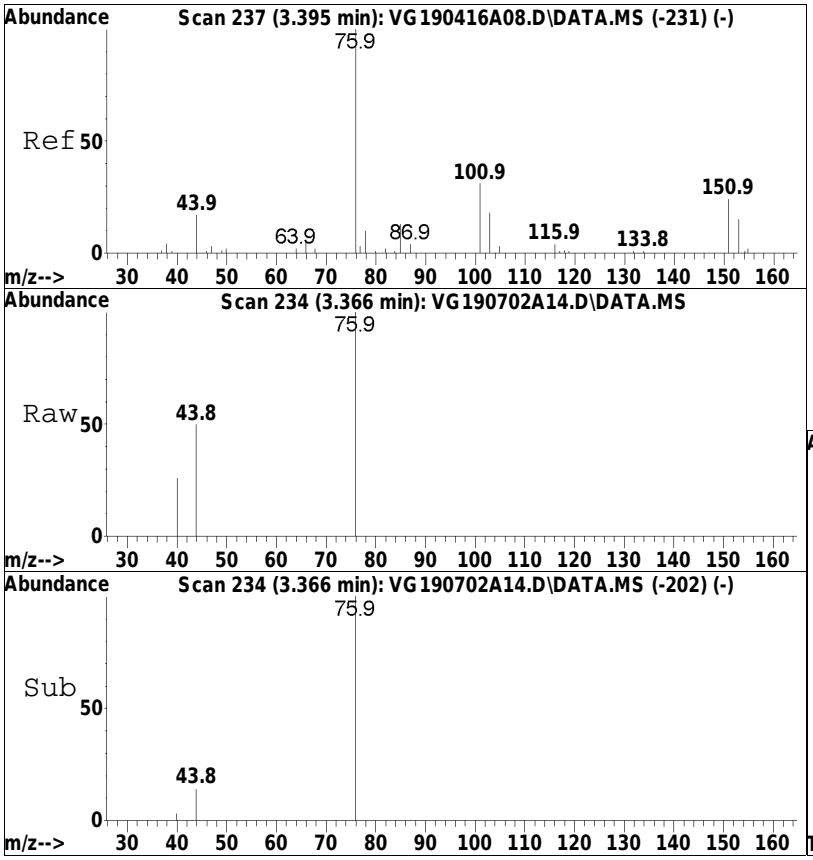


#5
Bromomethane
Concen: 0.22 ug/L
RT: 2.525 min Scan# 148
Delta R.T. 0.019 min
Lab File: VG190702A14.D
Acq: 2 Jul 2019 13:46

Tgt Ion: 94 Resp: 811

Ion	Ratio	Lower	Upper
94	100		
96	67.8	75.2	115.2#

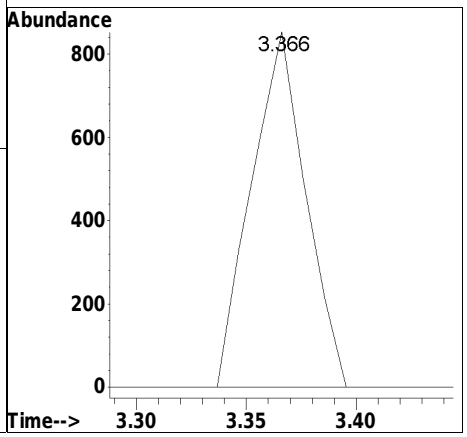




#11
Carbon disulfide
Concen: 0.12 ug/L
RT: 3.366 min Scan# 234
Delta R.T. 0.010 min
Lab File: VG190702A14.D
Acq: 2 Jul 2019 13:46

Tgt Ion: 76 Resp: 1465

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.6	13.6#



Manual Integration Report

Data Path	: I:\VOLATILES\Gonzo\2019\19Q	Method	: G_190524A_8260.m
Data File	: VG190702A14.D	Operator	: GONZO:NLK
Date Inj'd	: 7/2/2019 13:46	Instrument	: Gonzo
Sample	: 11928159-06,31,10,10,,a	Quant Date	: 7/2/2019 2:15 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A14.D
Acq On : 2 Jul 2019 13:46
Operator : GONZO:NLK
Sample : 11928159-06,31,10,10,,a
Misc : WG1255980,ICAL15822
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VG190702A14.D\DATA.MS

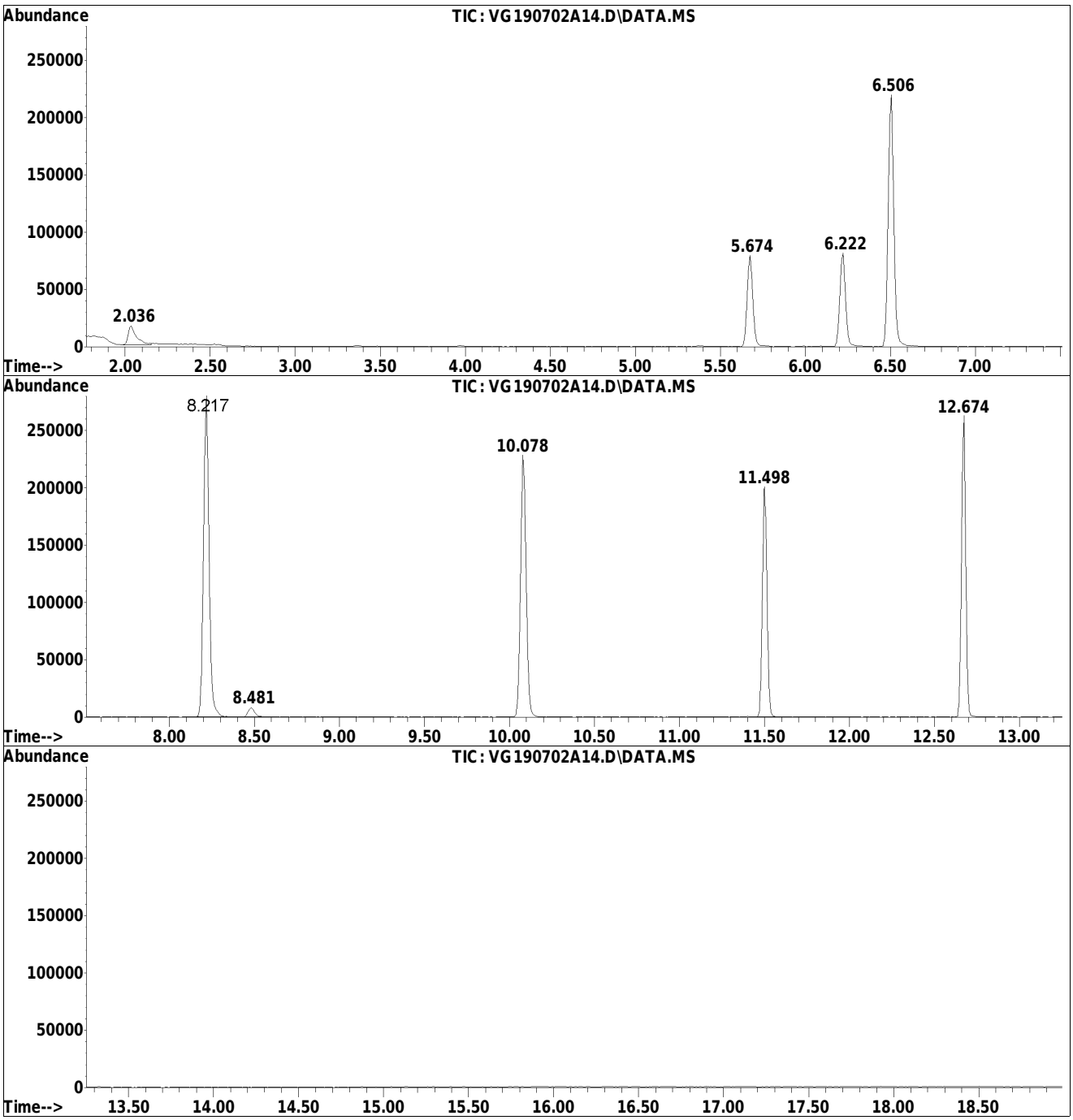
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.036	92	98	110	rBV	16298	54662	8.72%	1.861%
2	5.674	464	470	484	rVB	79692	187604	29.92%	6.387%
3	6.222	519	526	544	rVB	81931	196078	31.27%	6.675%
4	6.506	547	555	575	rVV	219751	508904	81.16%	17.325%
5	8.217	723	730	748	rBV	279937	627037	100.00%	21.347%
6	8.481	750	757	765	rBV	7964	21086	3.36%	0.718%
7	10.078	914	920	934	rVB	228484	518247	82.65%	17.643%
8	11.498	1057	1065	1077	rBV	200782	374165	59.67%	12.738%
9	12.674	1177	1185	1194	rBV	262836	449580	71.70%	15.306%

Sum of corrected areas: 2937363

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A14.D
Acq On : 2 Jul 2019 13:46
Operator : GONZO:NLK
Sample : l1928159-06,31,10,10,,a
Misc : WG1255980,ICAL15822
ALS Vial : 14 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A14.D
Acq On : 2 Jul 2019 13:46
Operator : GONZO:NLK
Sample : l1928159-06,31,10,10,,a
Misc : WG1255980,ICAL15822
ALS Vial : 14 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

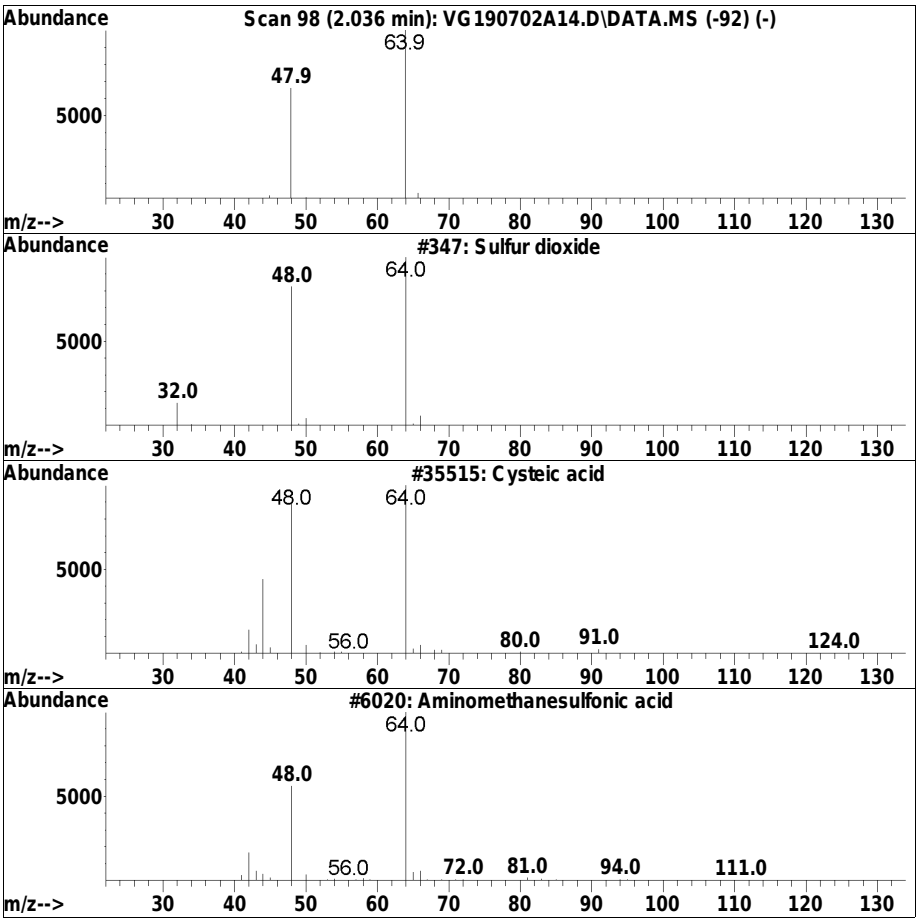
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

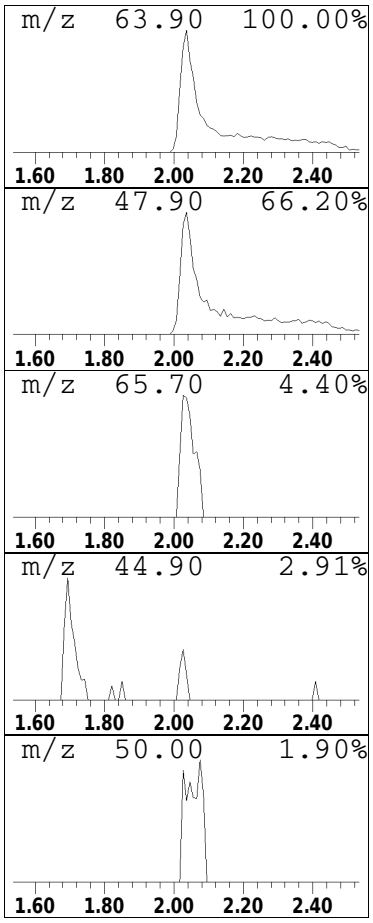
****

Peak Number 1 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.036	1.07 ug/L	54662	Fluorobenzene	6.506

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	Cysteic acid	169	C3H7NO5S	1000131-23-1	64
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A14.D
Acq On : 2 Jul 2019 13:46
Operator : GONZO:NLK
Sample : 11928159-06,31,10,10,,a
Misc : WG1255980,ICAL15822
ALS Vial : 14 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	# RT	Resp	Conc
Unknown	2.036	1.1	ug/L	54662	1 6.506	508904	10.0

Method Blank
Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A05.D
Acq On : 28 Jun 2019 8:25 am
Operator : GONZO:PD
Sample : WG1254435-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 28 08:55:01 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190628A\VG190628A02.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.506	96	239098	10.000	ug/L	0.00
Standard Area 1 = 249002			Recovery = 96.02%			
59) Chlorobenzene-d5	10.078	117	165681	10.000	ug/L	-0.01
Standard Area 1 = 173531			Recovery = 95.48%			
79) 1,4-Dichlorobenzene-d4	12.674	152	76275	10.000	ug/L	0.00
Standard Area 1 = 89194			Recovery = 85.52%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.674	113	56176	9.767	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.67%			
43) 1,2-Dichloroethane-d4	6.222	65	72130	10.443	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.43%			
60) Toluene-d8	8.217	98	236163	10.690	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.90%			
83) 4-Bromofluorobenzene	11.498	95	72114	10.333	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.33%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	2.104	50	242	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.525	94	619	0.161	ug/L #	56
6) Chloroethane	2.457	64	89	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.366	76	1060	0.080	ug/L #	73
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.914	84	107	N.D.		
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	3.963	43	192	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A05.D
Acq On : 28 Jun 2019 8:25 am
Operator : GONZO:PD
Sample : WG1254435-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 28 08:55:01 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190628A\VG190628A02.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.	d	
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.	d	
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	7.523	88	1237	80.576	ug/L #	83
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	10.098	112	210	N.D.		
74) Ethylbenzene	10.078	91	118	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	10.881	104	264	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	12.595	146	217	N.D.		
101) 1,4-Dichlorobenzene	12.684	146	370	N.D.		
104) 1,2-Dichlorobenzene	13.105	146	91	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.486	180	366	N.D.		
111) 1,2,3-Trichlorobenzene	14.956	180	308	N.D.		

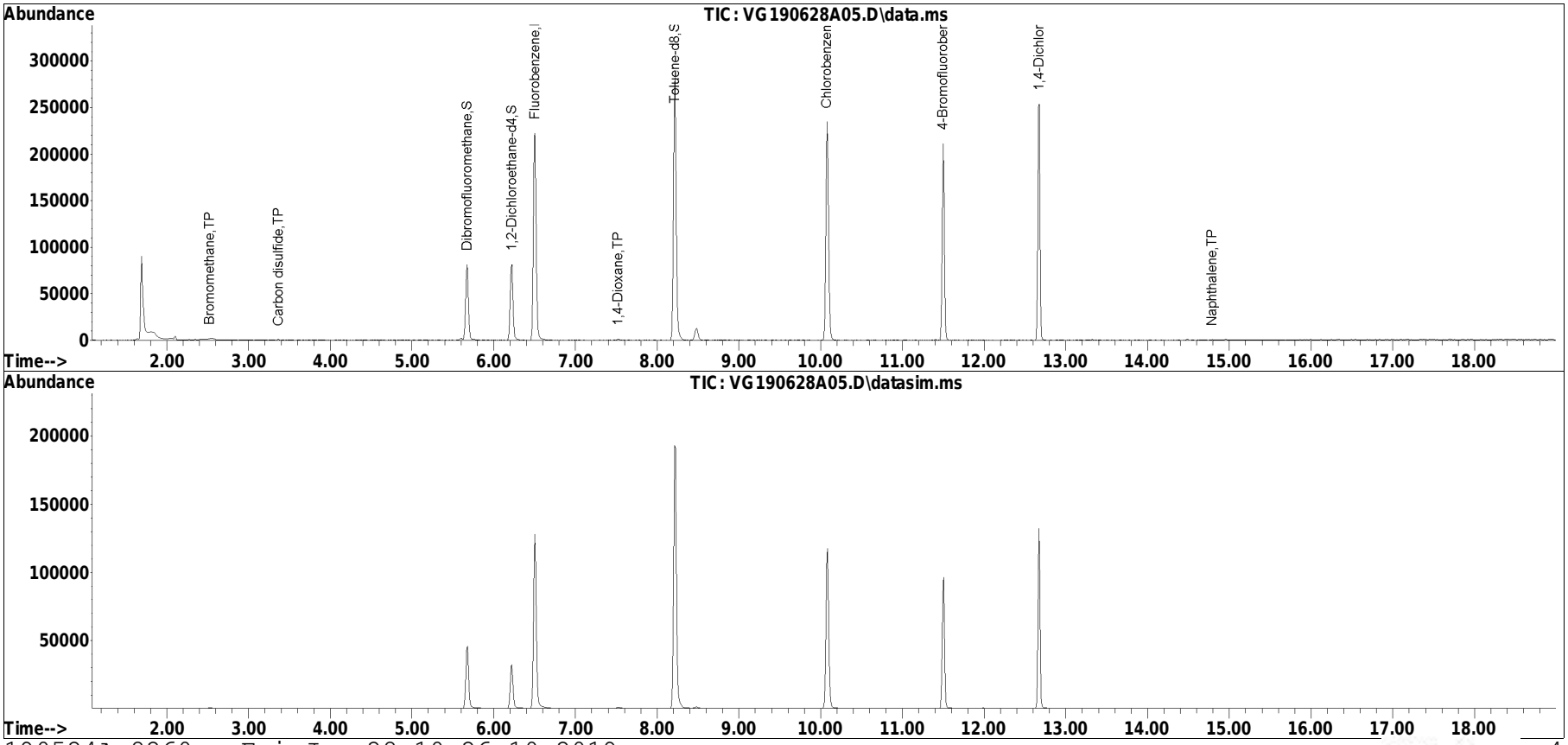
(#) = qualifier out of range (m) = manual integration (+) = signals summed

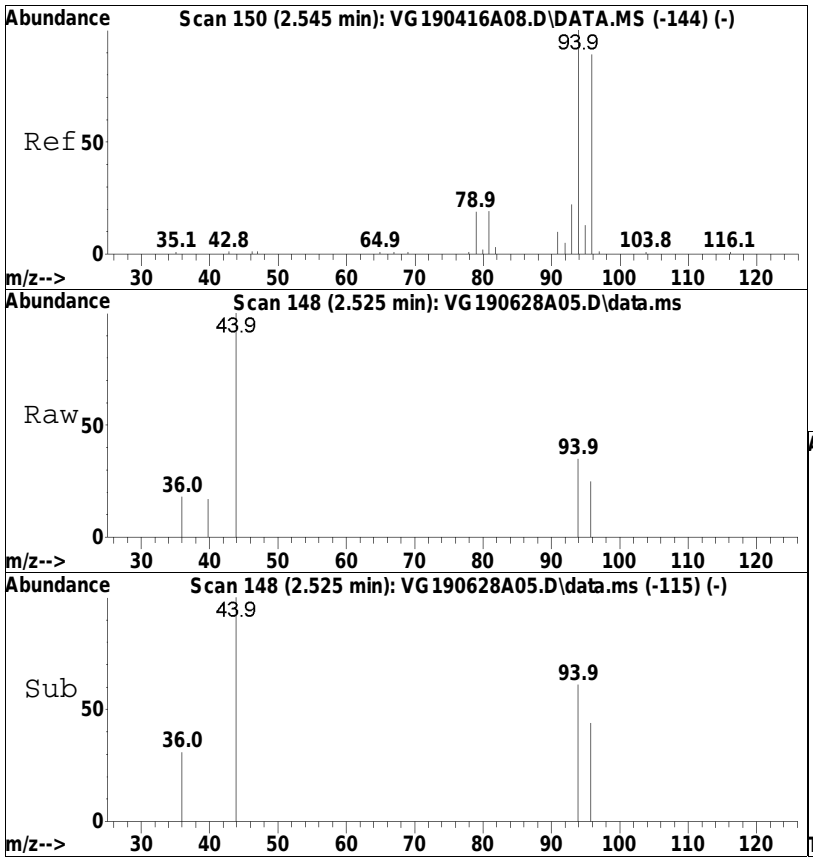
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A05.D
Acq On : 28 Jun 2019 8:25 am
Operator : GONZO:PD
Sample : WG1254435-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 28 08:55:01 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVEG190628A02.D•

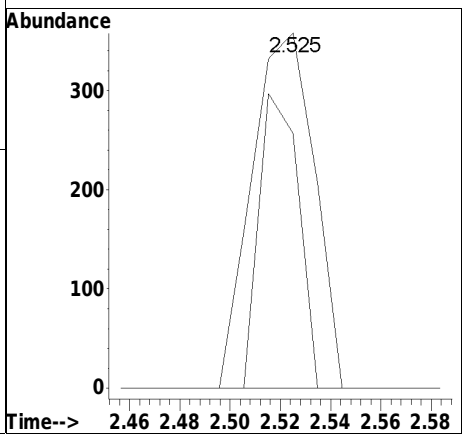


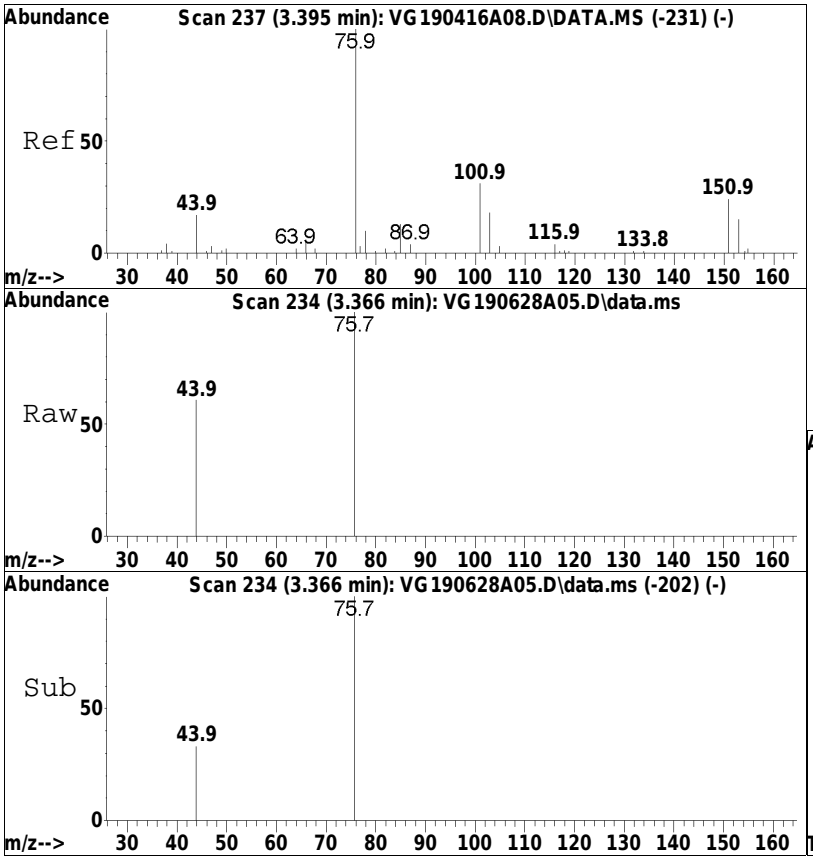


#5
Bromomethane
Concen: 0.16 ug/L
RT: 2.525 min Scan# 148
Delta R.T. 0.019 min
Lab File: VG190628A05.D
Acq: 28 Jun 2019 8:25 am

Tgt Ion: 94 Resp: 619

Ion	Ratio	Lower	Upper
94	100		
96	52.5	75.2	115.2#

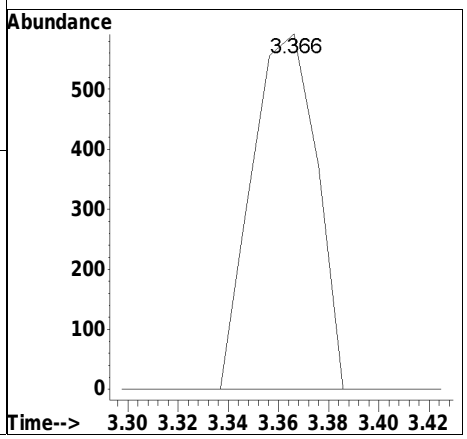


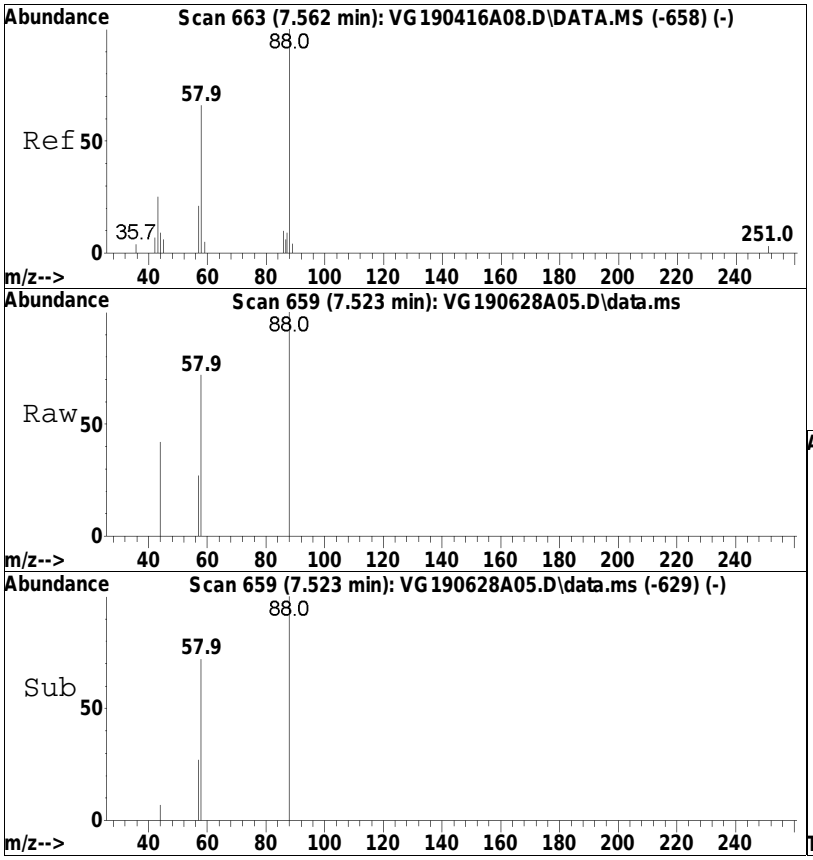


#11
Carbon disulfide
Concen: 0.08 ug/L
RT: 3.366 min Scan# 234
Delta R.T. 0.010 min
Lab File: VG190628A05.D
Acq: 28 Jun 2019 8:25 am

Tgt Ion: 76 Resp: 1060

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.6	13.6#

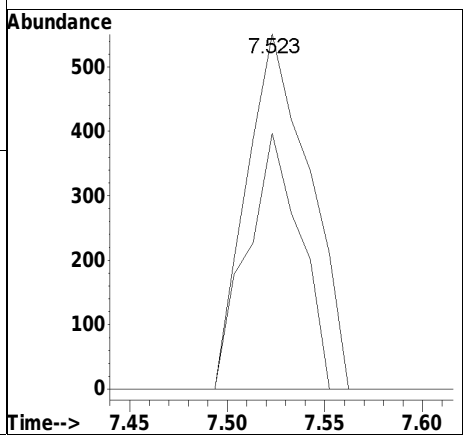




#57
1,4-Dioxane
Concen: 80.58 ug/L
RT: 7.523 min Scan# 659
Delta R.T. -0.010 min
Lab File: VG190628A05.D
Acq: 28 Jun 2019 8:25 am

Tgt Ion: 88 Resp: 1237

Ion	Ratio	Lower	Upper
88	100		
58	60.5	48.7	73.1
43	0.0	22.4	33.6#



Manual Integration Report

Data Path	: I:\VOLATILES\Gonzo\2019\19Q	Method	: G_190524A_8260.m
Data File	: VG190628A05.D	Operator	: GONZO:PD
Date Inj'd	: 6/28/2019 8:25 am	Instrument	: Gonzo
Sample	: WG1254435-5,31,10,10	Quant Date	: 6/28/2019 8:54 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A05.D
Acq On : 28 Jun 2019 8:25 am
Operator : GONZO:PD
Sample : WG1254435-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VG190628A05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.674	465	470	487	rVB	81390	192678	29.36%	6.437%
2	6.222	519	526	539	rBB	81616	194827	29.69%	6.509%
3	6.506	548	555	572	rBV	222435	529942	80.75%	17.705%
4	8.217	723	730	748	rBB	282146	656263	100.00%	21.926%
5	8.482	748	757	766	rBV	13155	39074	5.95%	1.305%
6	10.078	911	920	932	rBB	234549	530694	80.87%	17.730%
7	11.498	1058	1065	1073	rBB	211124	388204	59.15%	12.970%
8	12.674	1179	1185	1195	rVB	253805	461457	70.32%	15.417%

Sum of corrected areas: 2993139

Signal : TIC: VG190628A05.D\datasim.ms

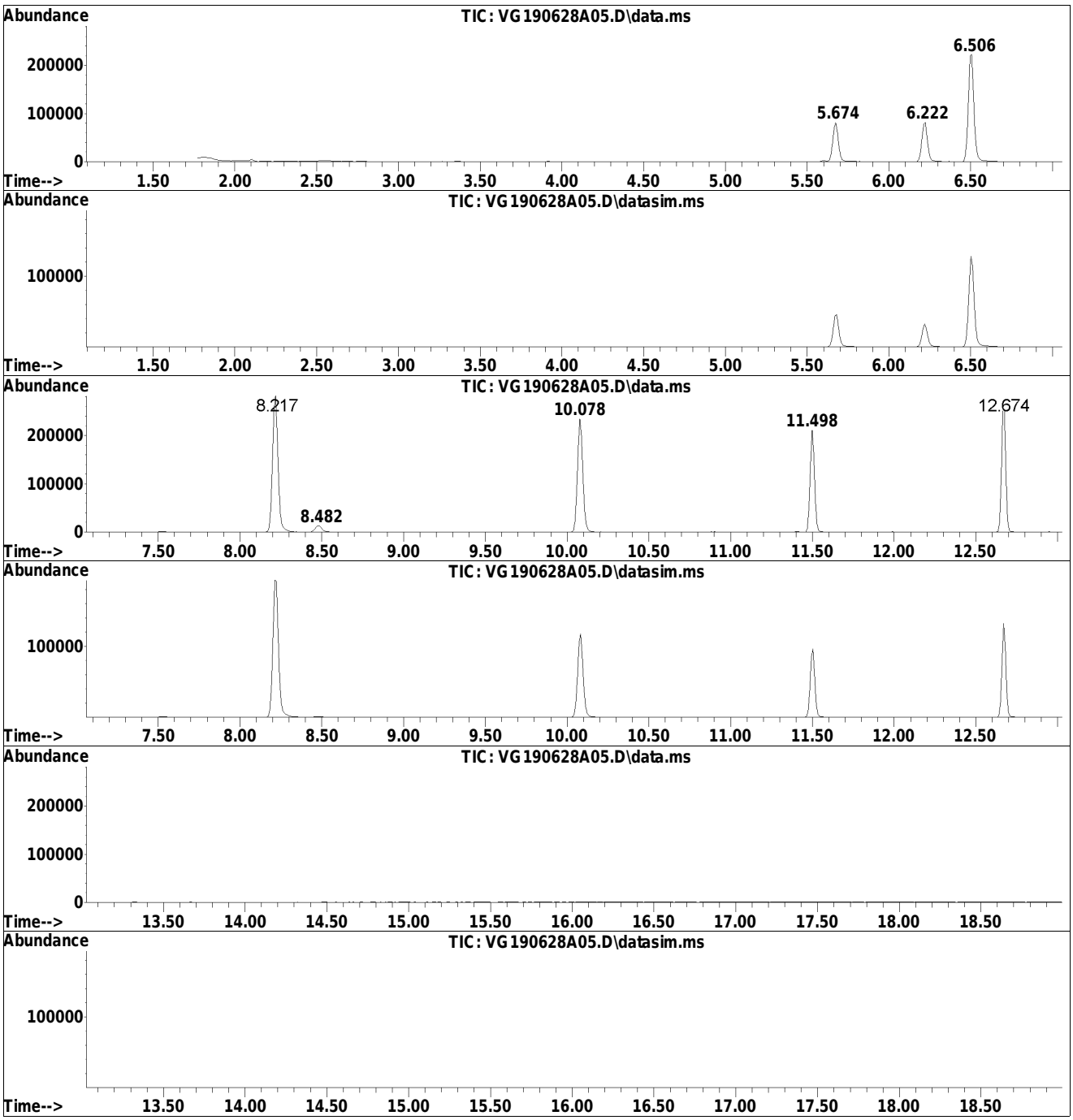
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total

No peaks were detected using the above RTE integration parameters!

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A05.D
Acq On : 28 Jun 2019 8:25 am
Operator : GONZO:PD
Sample : WG1254435-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A05.D
Acq On : 28 Jun 2019 8:25 am
Operator : GONZO:PD
Sample : WG1254435-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Gonzo\2019\190628A\
Data File : VG190628A05.D
Acq On : 28 Jun 2019 8:25 am
Operator : GONZO:PD
Sample : WG1254435-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1254435,ICAL15822 (Sig #1); WG,ICAL15822 (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190628A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A05.D
Acq On : 2 Jul 2019 9:56
Operator : GONZO:PD
Sample : WG1255980-5,31,10,10
Misc : WG1255980,ICAL15822
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 02 10:46:13 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190702A\VG190702A02.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.506	96	243065	10.000	ug/L	0.00
Standard Area 1 = 265173			Recovery = 91.66%			
59) Chlorobenzene-d5	10.078	117	169718	10.000	ug/L	0.00
Standard Area 1 = 187939			Recovery = 90.30%			
79) 1,4-Dichlorobenzene-d4	12.674	152	76574	10.000	ug/L	0.00
Standard Area 1 = 93576			Recovery = 81.83%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.675	113	57967	9.914	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.14%			
43) 1,2-Dichloroethane-d4	6.222	65	73055	10.404	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.04%			
60) Toluene-d8	8.218	98	237331	10.488	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.88%			
83) 4-Bromofluorobenzene	11.499	95	76322	10.894	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.515	94	1114	0.285	ug/L	86
6) Chloroethane	2.613	64	212	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.366	76	2286	0.169	ug/L #	73
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.924	84	712	0.150	ug/L #	44
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A05.D
Acq On : 2 Jul 2019 9:56
Operator : GONZO:PD
Sample : WG1255980-5,31,10,10
Misc : WG1255980,ICAL15822
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 02 10:46:13 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Gonzo\2019\190702A\VG190702A02.D
Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0	N.D.			
39)	2-Butanone	0.000		0	N.D.			
41)	Benzene	5.997	78	217	N.D.			
44)	1,2-Dichloroethane	0.000		0	N.D.	d		
47)	Methyl cyclohexane	0.000		0	N.D.			
48)	Trichloroethene	0.000		0	N.D.	d		
51)	1,2-Dichloropropane	0.000		0	N.D.			
54)	Bromodichloromethane	0.000		0	N.D.			
57)	1,4-Dioxane	7.523	88	660	42.290	ug/L	#	71
58)	cis-1,3-Dichloropropene	0.000		0	N.D.			
61)	Toluene	0.000		0	N.D.			
62)	4-Methyl-2-pentanone	0.000		0	N.D.			
63)	Tetrachloroethene	0.000		0	N.D.			
65)	trans-1,3-Dichloropropene	0.000		0	N.D.			
68)	1,1,2-Trichloroethane	0.000		0	N.D.			
69)	Chlorodibromomethane	0.000		0	N.D.			
71)	1,2-Dibromoethane	0.000		0	N.D.			
72)	2-Hexanone	0.000		0	N.D.			
73)	Chlorobenzene	0.000		0	N.D.			
74)	Ethylbenzene	10.137	91	109	N.D.			
76)	p/m Xylene	0.000		0	N.D.			
77)	o Xylene	0.000		0	N.D.			
78)	Styrene	10.891	104	91	N.D.			
80)	Bromoform	0.000		0	N.D.			
82)	Isopropylbenzene	0.000		0	N.D.			
87)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
100)	1,3-Dichlorobenzene	12.596	146	116	N.D.			
101)	1,4-Dichlorobenzene	12.684	146	235	N.D.			
104)	1,2-Dichlorobenzene	13.105	146	89	N.D.			
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
109)	1,2,4-Trichlorobenzene	14.506	180	315	N.D.			
111)	1,2,3-Trichlorobenzene	14.947	180	99	N.D.			

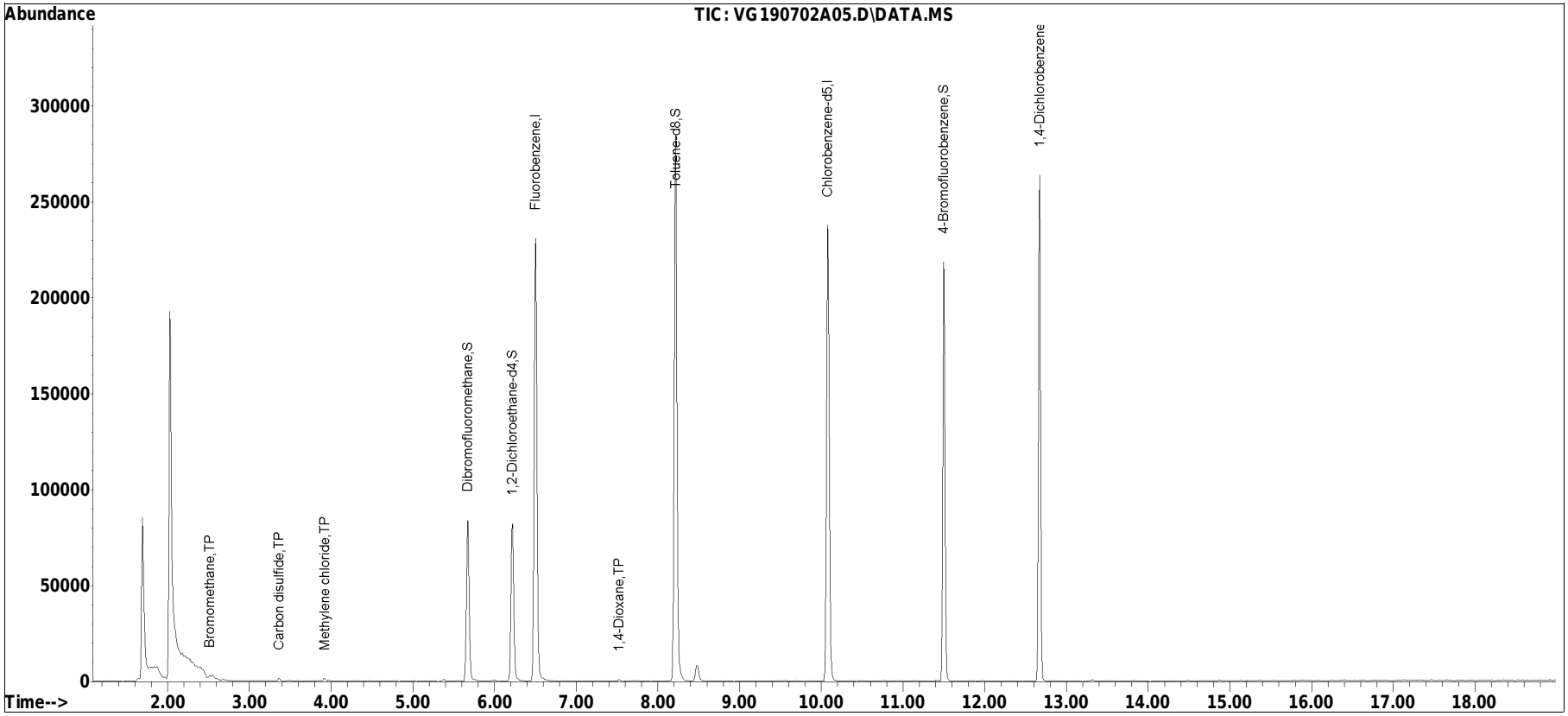
(#) = qualifier out of range (m) = manual integration (+) = signals summed

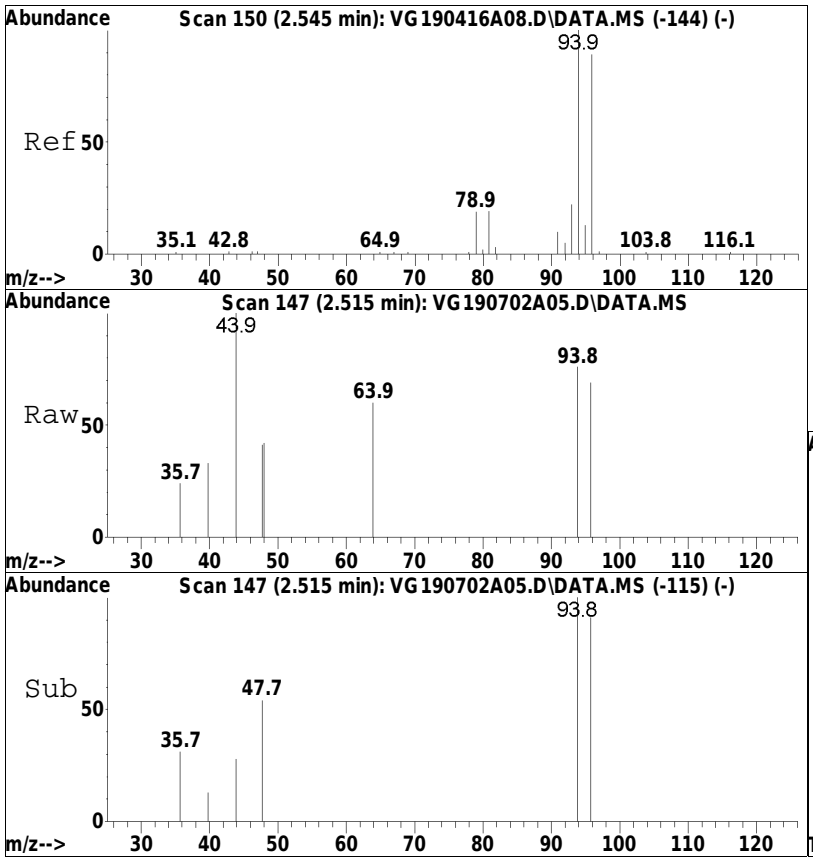
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A05.D
Acq On : 2 Jul 2019 9:56
Operator : GONZO:PD
Sample : WG1255980-5,31,10,10
Misc : WG1255980,ICAL15822
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 02 10:46:13 2019
Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat May 25 09:32:42 2019
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVEG190702A02.D•

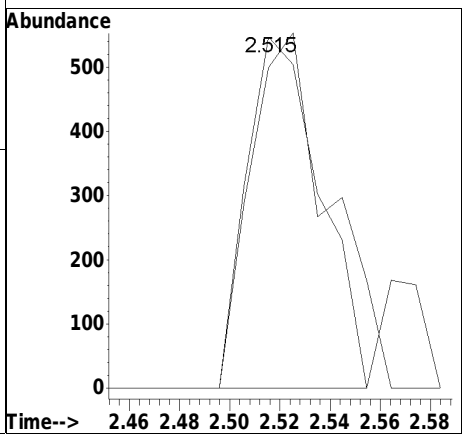


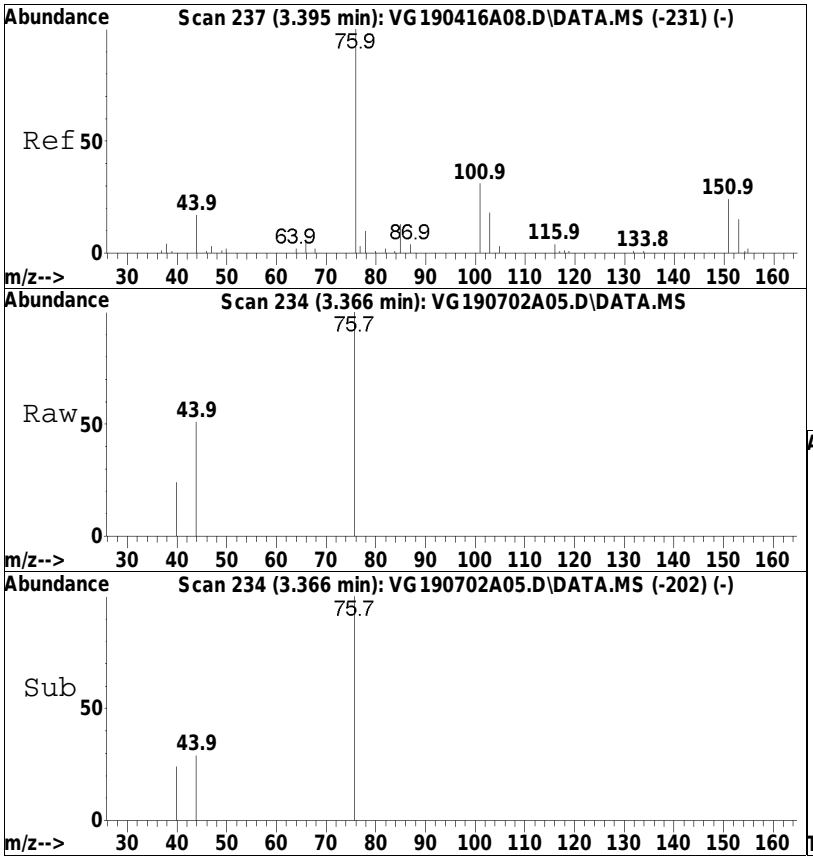


#5
Bromomethane
Concen: 0.29 ug/L
RT: 2.515 min Scan# 147
Delta R.T. 0.009 min
Lab File: VG190702A05.D
Acq: 2 Jul 2019 9:56

Tgt Ion: 94 Resp: 1114

Ion	Ratio	Lower	Upper
94	100		
96	109.1	75.2	115.2

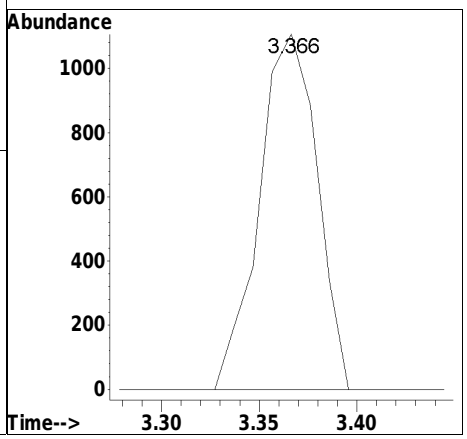


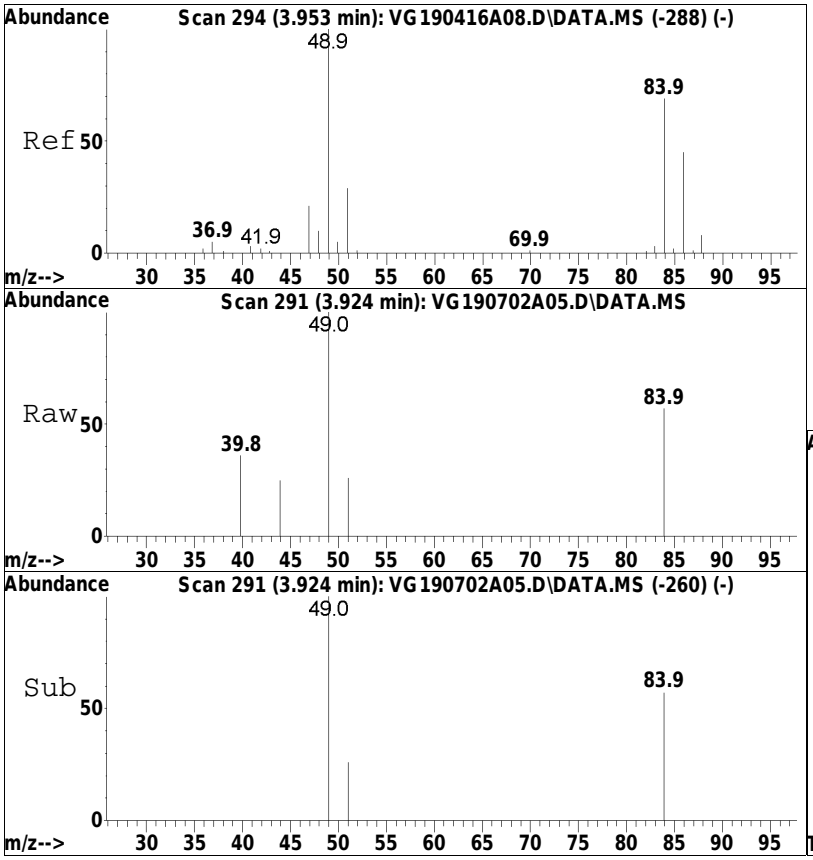


#11
Carbon disulfide
Concen: 0.17 ug/L
RT: 3.366 min Scan# 234
Delta R.T. 0.010 min
Lab File: VG190702A05.D
Acq: 2 Jul 2019 9:56

Tgt Ion: 76 Resp: 2286

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.6	13.6#

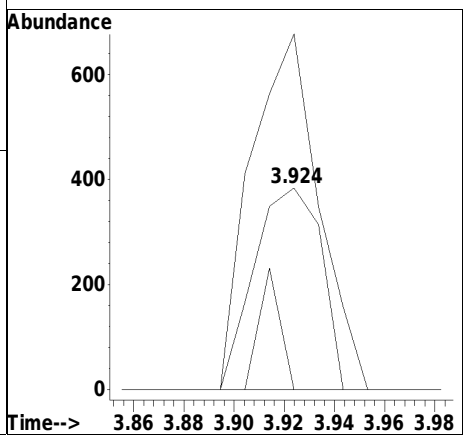


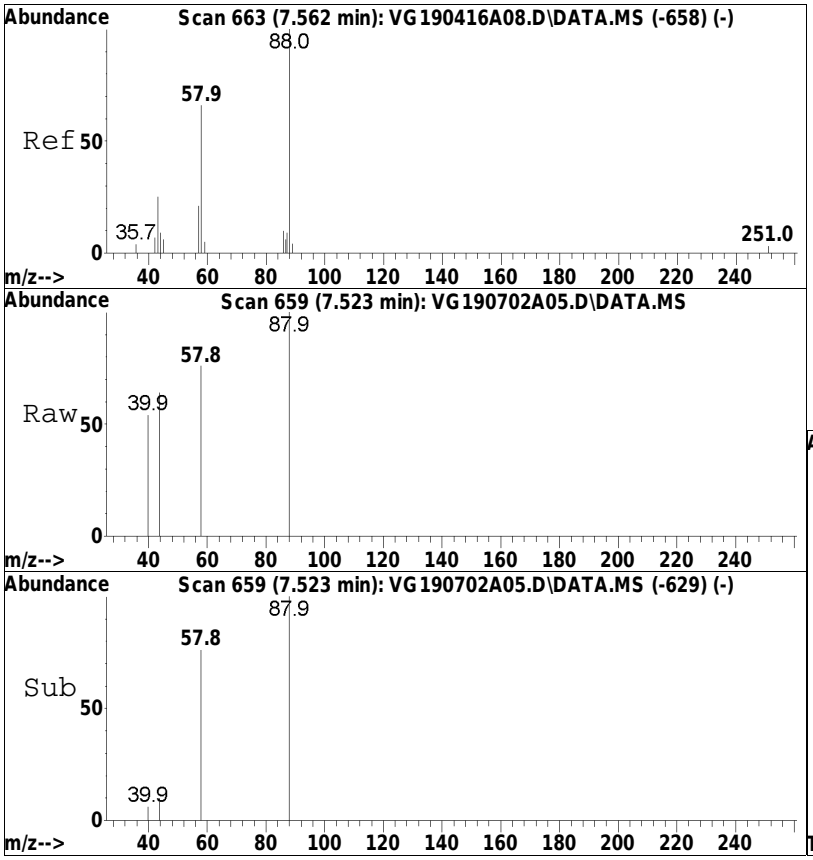


#15
Methylene chloride
Concen: 0.15 ug/L
RT: 3.924 min Scan# 291
Delta R.T. -0.000 min
Lab File: VG190702A05.D
Acq: 2 Jul 2019 9:56

Tgt Ion: 84 Resp: 712

Ion	Ratio	Lower	Upper
84	100		
86	19.1	41.1	85.5#
49	177.8	76.2	158.2#

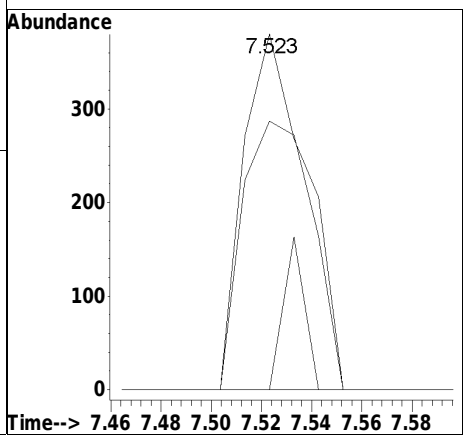




#57
1,4-Dioxane
Concen: 42.29 ug/L
RT: 7.523 min Scan# 659
Delta R.T. -0.010 min
Lab File: VG190702A05.D
Acq: 2 Jul 2019 9:56

Tgt Ion: 88 Resp: 660

Ion	Ratio	Lower	Upper
88	100		
58	84.2	48.7	73.1#
43	14.5	22.4	33.6#



Manual Integration Report

Data Path	: I:\VOLATILES\Gonzo\2019\19Q	Method	: G_190524A_8260.m
Data File	: VG190702A05.D	Operator	: GONZO:PD
Date Inj'd	: 7/2/2019 9:56	Instrument	: Gonzo
Sample	: WG1255980-5,31,10,10	Quant Date	: 7/2/2019 10:45 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A05.D
Acq On : 2 Jul 2019 9:56
Operator : GONZO:PD
Sample : WG1255980-5,31,10,10
Misc : WG1255980,ICAL15822
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VG190702A05.D\data.ms

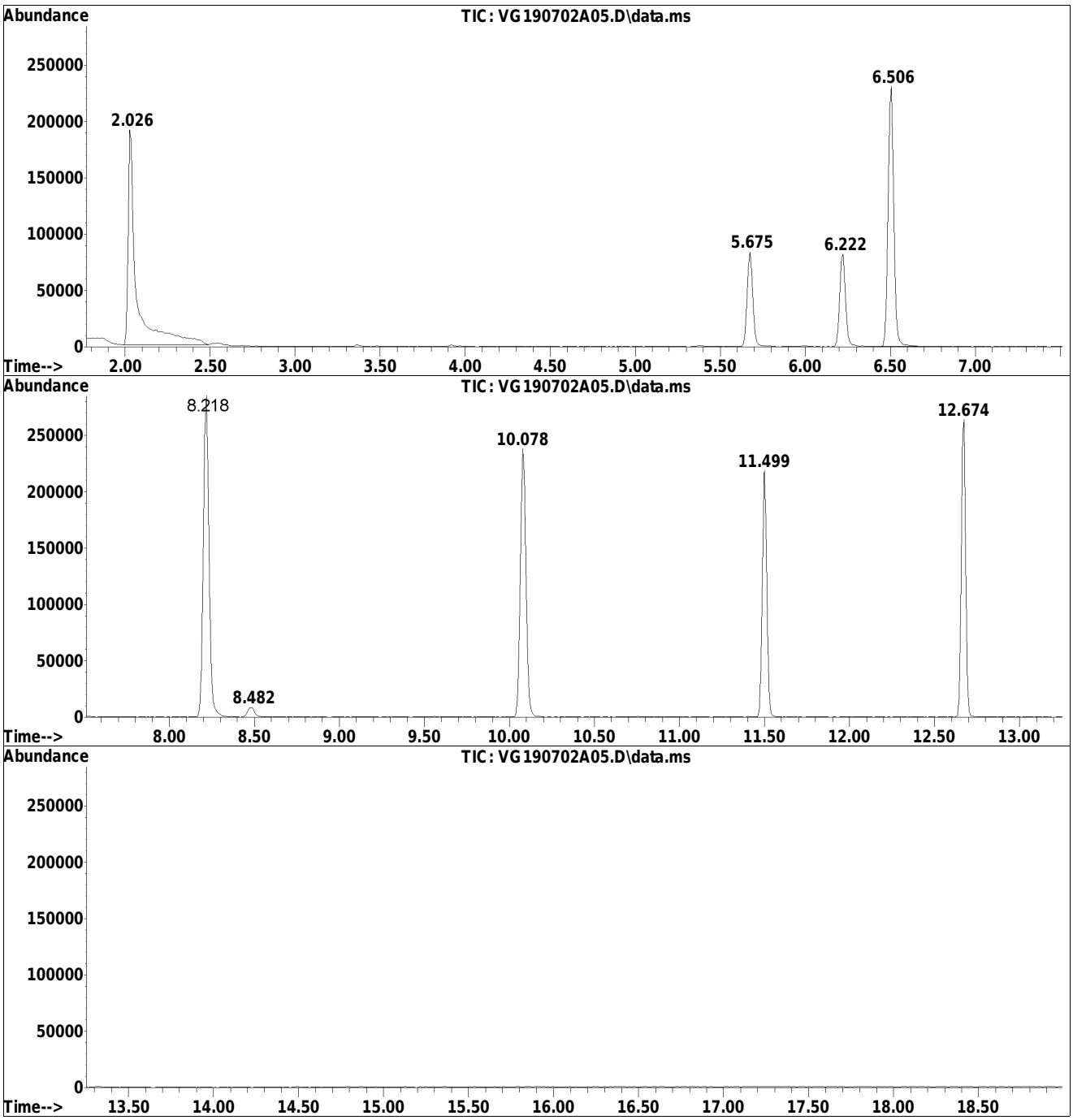
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.026	93	97	144	rBV	191389	662332	100.00%	17.911%
2	5.675	462	470	488	rVB	84146	196758	29.71%	5.321%
3	6.222	519	526	536	rBV	82326	197984	29.89%	5.354%
4	6.506	548	555	573	rBV	230811	536953	81.07%	14.521%
5	8.218	719	730	744	rBV	285000	661914	99.94%	17.900%
6	8.482	751	757	765	rBV2	8335	24938	3.77%	0.674%
7	10.078	912	920	934	rBV	237939	548036	82.74%	14.821%
8	11.499	1060	1065	1076	rVB	218715	400013	60.39%	10.818%
9	12.674	1179	1185	1194	rBV	263817	468894	70.79%	12.680%

Sum of corrected areas: 3697822

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A05.D
Acq On : 2 Jul 2019 9:56
Operator : GONZO:PD
Sample : WG1255980-5,31,10,10
Misc : WG1255980,ICAL15822
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A05.D
Acq On : 2 Jul 2019 9:56
Operator : GONZO:PD
Sample : WG1255980-5,31,10,10
Misc : WG1255980,ICAL15822
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

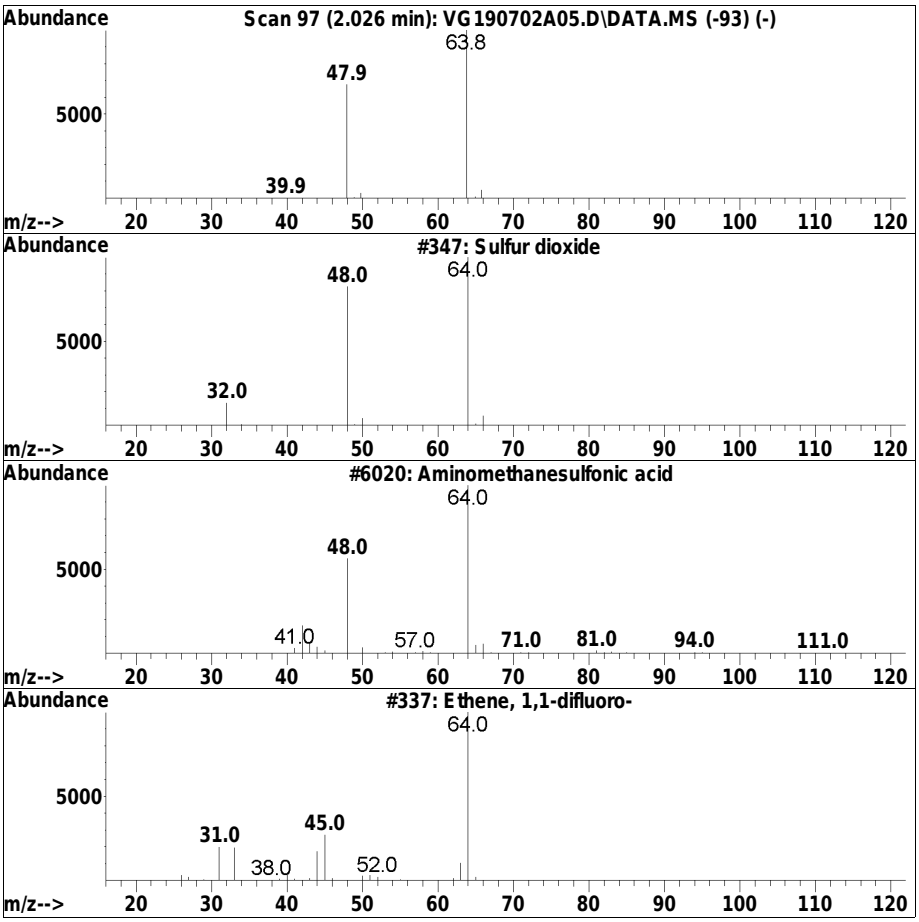
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

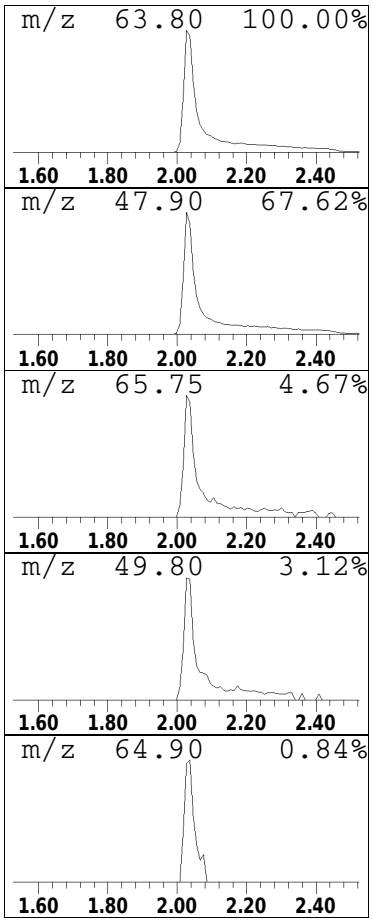
****

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.026	12.34 ug/L	662332	Fluorobenzene	6.506

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
3	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	3
5	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	3





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Gonzo\2019\190702A\
Data File : VG190702A05.D
Acq On : 2 Jul 2019 9:56
Operator : GONZO:PD
Sample : WG1255980-5,31,10,10
Misc : WG1255980,ICAL15822
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Gonzo\2019\190702A\G_190524A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.026	12.3	ug/L	662332	1	6.506	536953	10.0

GC/MS Extractable Analysis
Method 8270

Sample Results Summary

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-01	Date Collected	: 06/26/19 10:15
Client ID	: MW-1	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/30/19 02:14
Sample Matrix	: WATER	Date Extracted	: 06/28/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28159-01	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	2.7	2.0	0.46	
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-01	Date Collected	: 06/26/19 10:15
Client ID	: MW-1	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/30/19 02:14
Sample Matrix	: WATER	Date Extracted	: 06/28/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28159-01	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-01	**Date Collected**	: 06/26/19 10:15
Client ID	: MW-1	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 06/30/19 02:14
Sample Matrix	: WATER	**Date Extracted**	: 06/28/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 28159-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.75	4.22	J
	Aldol Condensates	1.97	26.5	J
	Unknown Alkane	5.92	10.9	J
	Unknown Alkane	5.97	4.91	J
	Unknown Alkane	6.35	4.65	J
	Unknown	6.36	10.5	J
	Unknown Alkane	7.12	4.98	J
	Unknown Aldehyde	7.60	13.6	J
	Unknown Phenol	8.87	8.98	J
	Unknown Alkane	9.00	5.13	J
	Unknown Alkane	9.78	4	J
	Unknown Alkane	9.98	5.09	J
	Unknown Alkane	10.68	4.14	J
	Unknown	17.02	13	J
	Unknown	18.74	6.62	J
	Total TIC Compounds		127J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-02	Date Collected	: 06/26/19 10:46
Client ID	: MW-2	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/30/19 02:40
Sample Matrix	: WATER	Date Extracted	: 06/28/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28159-02	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	3.6	2.0	0.46	
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-02	Date Collected	: 06/26/19 10:46
Client ID	: MW-2	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/30/19 02:40
Sample Matrix	: WATER	Date Extracted	: 06/28/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28159-02	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-02	**Date Collected**	: 06/26/19 10:46
Client ID	: MW-2	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 06/30/19 02:40
Sample Matrix	: WATER	**Date Extracted**	: 06/28/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 28159-02	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	1.96	35.2	J
	Unknown Alkane	5.92	10.7	J
	Unknown Alkane	5.97	5.2	J
	Unknown	6.36	15.8	J
	Unknown Alkane	7.12	6.14	J
	Unknown Aldehyde	7.60	15.6	J
	Unknown Phenol	8.87	9.96	J
	Unknown Alkane	9.00	6.36	J
	Unknown Alkane	9.78	6.22	J
	Unknown Alkane	9.97	6.91	J
	Unknown Alkane	10.67	5.71	J
	Unknown Alkane	11.64	4.33	J
	Unknown Alkane	13.60	4.29	J
	Unknown	17.02	28.2	J
	Unknown	18.73	11.7	J
	Total TIC Compounds		172J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-03	Date Collected	: 06/26/19 11:17
Client ID	: MW-3	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/30/19 03:06
Sample Matrix	: WATER	Date Extracted	: 06/28/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28159-03	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	25	2.0	0.46	
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-03	Date Collected	: 06/26/19 11:17
Client ID	: MW-3	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/30/19 03:06
Sample Matrix	: WATER	Date Extracted	: 06/28/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28159-03	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-03	**Date Collected**	: 06/26/19 11:17
Client ID	: MW-3	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 06/30/19 03:06
Sample Matrix	: WATER	**Date Extracted**	: 06/28/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 28159-03	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	1.96	29.8	J
000100-41-4	Ethylbenzene	2.25	32.5	NJ
	Unknown	2.42	199	J
	Unknown Benzene	4.52	62.4	J
	Unknown Benzene	4.58	37.6	J
	Unknown Benzene	4.69	43	J
	Unknown Benzene	4.83	45.8	J
	Unknown Benzene	5.09	114	J
000496-11-7	Indane	5.60	39.7	NJ
	Unknown Benzene	5.91	8.76	J
	Unknown Benzene	6.48	9.78	J
	Unknown	6.71	8.29	J
	Unknown	7.60	18.3	J
	Unknown	17.02	12.5	J
	Unknown	18.73	9.74	J
	Total TIC Compounds		671J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-04	Date Collected	: 06/26/19 11:52
Client ID	: MW-4	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/30/19 03:32
Sample Matrix	: WATER	Date Extracted	: 06/28/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28159-04	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	2.4	2.0	0.46	
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.0	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-04	Date Collected	: 06/26/19 11:52
Client ID	: MW-4	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/30/19 03:32
Sample Matrix	: WATER	Date Extracted	: 06/28/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 28159-04	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-04	**Date Collected**	: 06/26/19 11:52
Client ID	: MW-4	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 06/30/19 03:32
Sample Matrix	: WATER	**Date Extracted**	: 06/28/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 28159-04	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	1.96	24.5	J
	Unknown Alkane	5.92	7.31	J
	Unknown Alkane	6.35	3.56	J
	Unknown	6.36	6.8	J
	Unknown Alkane	7.12	5.31	J
	Unknown Aldehyde	7.60	12.3	J
	Unknown Phenol	8.87	9.09	J
	Unknown Alkane	9.00	4.87	J
	Unknown Alkane	9.78	4.58	J
	Unknown Alkane	9.98	4.8	J
	Unknown Alkane	10.68	4.18	J
	Unknown	11.90	4.44	J
	Unknown Alkane	13.60	4.73	J
	Unknown	17.02	18.6	J
	Unknown	18.73	8.04	J
	Total TIC Compounds		123J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: WG1254184-1	Date Collected	: NA
Client ID	: WG1254184-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 06/30/19 19:48
Sample Matrix	: WATER	Date Extracted	: 06/28/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 254184-1	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: WG1254184-1	Date Collected	: NA
Client ID	: WG1254184-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 06/30/19 19:48
Sample Matrix	: WATER	Date Extracted	: 06/28/19
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 254184-1	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: WG1254184-1	**Date Collected**	: NA
Client ID	: WG1254184-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 06/30/19 19:48
Sample Matrix	: WATER	**Date Extracted**	: 06/28/19
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 254184-1	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV106
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 6 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Aldol Condensates	1.98	7.34	J
	Unknown	12.41	1.64	J
	Unknown Alcohol	13.00	1.6	J
	Unknown	13.89	1.96	J
	Unknown	14.73	1.96	J
	Total TIC Compounds		14.5J	J

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV106	**Analysis Date**	: 04/29/19 20:06
Tune Standard	: R1181700-31	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	37.8
68	Less than 2.0% of mass 69	0.5 (1.4)1
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	51.6
197	Less than 2.0% of mass 198	1
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	25
365	Greater than 1.0% of mass 198	2.9
441	Present, but less than 24% of mass 442	16.2
442	Base Peak, or >50% of mass 198	84.6
443	15.0 - 24.0% of mass 442	16.9 (19.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1181700-10	ABNL10	04/29/19 20:32
ABNL09	R1181700-9	ABNL09	04/29/19 20:58
ABNL08	R1181700-8	ABNL08	04/29/19 21:24
ABNL07	R1181700-7	ABNL07	04/29/19 21:50
ABNL06	R1181700-6	ABNL06	04/29/19 22:16
ABNL05	R1181700-5	ABNL05	04/29/19 22:42
ABNL04	R1181700-4	ABNL04	04/29/19 23:08
ABNL03	R1181700-3	ABNL03	04/29/19 23:34
ABNL02	R1181700-2	ABNL02	04/30/19 00:00
ABNL01	R1181700-1	ABNL01	04/30/19 00:26
AP9L10	R1181700-30	AP9L10	04/30/19 00:51
AP9L09	R1181700-29	AP9L09	04/30/19 01:17
AP9L08	R1181700-28	AP9L08	04/30/19 01:43
AP9L07	R1181700-27	AP9L07	04/30/19 02:09
AP9L06	R1181700-26	AP9L06	04/30/19 02:35
AP9L05	R1181700-25	AP9L05	04/30/19 03:01
AP9L04	R1181700-23	AP9L04	04/30/19 03:27
AP9L03	R1181700-24	AP9L03	04/30/19 03:52
AP9L02	R1181700-22	AP9L02	04/30/19 04:18
AP9L01	R1181700-21	AP9L01	04/30/19 04:44
ABN ICV Quant Report	R1181700-33	ABNICV	04/30/19 05:10
AP9 ICV Quant Report	R1181700-35	AP9ICV	04/30/19 05:35

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV106	**Analysis Date**	: 04/30/19 06:01
Tune Standard	: R1181700-32	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	39.4
68	Less than 2.0% of mass 69	0.6 (1.5)1
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	52.7
197	Less than 2.0% of mass 198	1
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	24.2
365	Greater than 1.0% of mass 198	2.9
441	Present, but less than 24% of mass 442	16.2
442	Base Peak, or >50% of mass 198	81.4
443	15.0 - 24.0% of mass 442	16 (19.7)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R1181700-20	ADPL10	04/30/19 06:27
ADPL09	R1181700-19	ADPL09	04/30/19 06:53
ADPL08	R1181700-18	ADPL08	04/30/19 07:19
ADPL07	R1181700-17	ADPL07	04/30/19 07:45
ADPL06	R1181700-16	ADPL06	04/30/19 08:11
ADPL05	R1181700-15	ADPL05	04/30/19 08:37
ADPL04	R1181700-14	ADPL04	04/30/19 09:03
ADPL03	R1181700-13	ADPL03	04/30/19 09:29
ADPL02	R1181700-12	ADPL02	04/30/19 09:55
ADPL01	R1181700-11	ADPL01	04/30/19 10:22
ADP ICV Quant Report	R1181700-34	ADPICV	04/30/19 10:57

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV106	**Analysis Date**	: 06/29/19 19:36
Tune Standard	: WG1254918-1	**Tune File ID**	: Deg0629_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	39.8
68	Less than 2.0% of mass 69	0.7 (1.7)1
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	51.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	26
365	Greater than 1.0% of mass 198	2.8
441	Present, but less than 24% of mass 442	16.8
442	Base Peak, or >50% of mass 198	74
443	15.0 - 24.0% of mass 442	14.3 (19.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1254918-3CCAL	WG1254918-3	ABN0629	06/29/19 20:12
WG1254918-5CCAL	WG1254918-5	ADP0629	06/29/19 20:47
WG1254918-4CCAL	WG1254918-4	AP9P0629	06/29/19 21:13
MW-1	L1928159-01	28159-01	06/30/19 02:14
MW-2	L1928159-02	28159-02	06/30/19 02:40
MW-3	L1928159-03	28159-03	06/30/19 03:06
MW-4	L1928159-04	28159-04	06/30/19 03:32

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV106	**Analysis Date**	: 06/30/19 15:22
Tune Standard	: WG1255040-1	**Tune File ID**	: Deg0630_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	38.2
68	Less than 2.0% of mass 69	0.6 (1.6)1
70	Less than 2.0% of mass 69	0.1 (.4)1
127	10.0 - 80.0% of Base Peak	50
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	26.3
365	Greater than 1.0% of mass 198	3
441	Present, but less than 24% of mass 442	16.7
442	Base Peak, or >50% of mass 198	72.5
443	15.0 - 24.0% of mass 442	14.3 (19.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1255040-3CCAL	WG1255040-3	ABN0630	06/30/19 15:49
WG1255040-4CCAL	WG1255040-4	AP90630	06/30/19 16:15
WG1255040-5CCAL	WG1255040-5	ADP0630	06/30/19 16:41
WG1254184-1BLANK	WG1254184-1	254184-1	06/30/19 19:48

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV107	**Analysis Date**	: 05/31/19 15:54
Tune Standard	: R1192970-34	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	38.6
68	Less than 2.0% of mass 69	0.7 (1.7)1
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	55.7
197	Less than 2.0% of mass 198	0.2
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	21.4
365	Greater than 1.0% of mass 198	2.9
441	Present, but less than 24% of mass 442	16.1
442	Base Peak, or >50% of mass 198	89.9
443	15.0 - 24.0% of mass 442	17.9 (19.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1192970-2	ABNL10	05/31/19 16:21
ABNL9	R1192970-10	ABNL9	05/31/19 16:49
ABNL8	R1192970-9	ABNL8	05/31/19 17:17
ABNL7	R1192970-8	ABNL7	05/31/19 17:45
ABNL6	R1192970-7	ABNL6	05/31/19 18:13
ABNL5	R1192970-6	ABNL5	05/31/19 18:41
ABNL4	R1192970-5	ABNL4	05/31/19 19:09
ABNL3	R1192970-4	ABNL3	05/31/19 19:37
ABNL2	R1192970-3	ABNL2	05/31/19 20:05
ABNL1	R1192970-1	ABNL1	05/31/19 20:33
ADPL10	R1192970-13	ADPL10	05/31/19 21:01
ADPL9	R1192970-19	ADPL9	05/31/19 21:29
ADPL8	R1192970-20	ADPL8	05/31/19 21:57
ADPL7	R1192970-18	ADPL7	05/31/19 22:25
ADPL6	R1192970-17	ADPL6	05/31/19 22:53
ADPL5	R1192970-16	ADPL5	05/31/19 23:21
ADPL4	R1192970-15	ADPL4	05/31/19 23:49
ADPL3	R1192970-14	ADPL3	06/01/19 00:17
ADPL2	R1192970-12	ADPL2	06/01/19 00:45
ADPL1	R1192970-11	ADPL1	06/01/19 01:13
ADP ICV Quant Report	R1192970-32	ADPICV	06/01/19 02:09

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV107	**Analysis Date**	: 06/01/19 15:55
Tune Standard	: R1192970-35	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	37.4
68	Less than 2.0% of mass 69	0.7 (1.7)1
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	53.8
197	Less than 2.0% of mass 198	0.1
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	22.5
365	Greater than 1.0% of mass 198	2.9
441	Present, but less than 24% of mass 442	15.8
442	Base Peak, or >50% of mass 198	89.8
443	15.0 - 24.0% of mass 442	17 (18.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
Ap9L10a	R1192970-21	AP9L10A	06/01/19 16:23
Ap9L9a	R1192970-30	AP9L9A	06/01/19 16:50
Ap9L8a	R1192970-29	AP9L8A	06/01/19 17:18
Ap9L7a	R1192970-28	AP9L7A	06/01/19 17:46
Ap9L6a	R1192970-27	AP9L6A	06/01/19 18:14
Ap9L5a	R1192970-26	AP9L5A	06/01/19 18:42
Ap9L4a	R1192970-25	AP9L4A	06/01/19 19:10
Ap9L3a	R1192970-24	AP9L3A	06/01/19 19:37
Ap9L2a	R1192970-23	AP9L2A	06/01/19 20:06
Ap9L1a	R1192970-22	AP9L1A	06/01/19 20:33
AP9 ICV Quant Report	R1192970-33	AP9ICVA	06/01/19 21:01

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV107	**Analysis Date**	: 06/02/19 12:29
Tune Standard	: R1192970-36	**Tune File ID**	: Tune3a_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	38
68	Less than 2.0% of mass 69	0.7 (1.8)1
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	54.2
197	Less than 2.0% of mass 198	0.1
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 60.0% of Base Peak	20.6
365	Greater than 1.0% of mass 198	2.9
441	Present, but less than 24% of mass 442	17.5
442	Base Peak, or >50% of mass 198	85.6
443	15.0 - 24.0% of mass 442	18.2 (21.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABN ICV Quant Report	R1192970-31	ABNICVA	06/02/19 12:56

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV107	**Analysis Date**	: 06/28/19 08:24
Tune Standard	: WG1254421-1	**Tune File ID**	: Deg0628b_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	35.1
68	Less than 2.0% of mass 69	0.6 (1.5)1
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	58.6
197	Less than 2.0% of mass 198	0.3
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	17.8
365	Greater than 1.0% of mass 198	2.1
441	Present, but less than 24% of mass 442	16.4
442	Base Peak, or >50% of mass 198	60.1
443	15.0 - 24.0% of mass 442	11 (18.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1254421-3CCAL	WG1254421-3	ABN0628B	06/28/19 08:51
WG1254421-4CCAL	WG1254421-4	AP90628B	06/28/19 09:33
WG1254421-5CCAL	WG1254421-5	ADP0628B	06/28/19 10:01
WG1254184-2LCS	WG1254184-2	254184-2	06/28/19 15:57
WG1254184-3LCSD	WG1254184-3	254184-3	06/28/19 16:25

Blank Results Summary

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab Sample ID	: WG1254184-1	**Lab File ID**	: 254184-1
Instrument ID	: SV106	**Extraction Date**	: 06/28/19
Matrix	: WATER	**Analysis Date**	: 06/30/19 19:48
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1254184-2LCS	WG1254184-2	06/28/19 15:57
WG1254184-3LCSD	WG1254184-3	06/28/19 16:25
MW-1	L1928159-01	06/30/19 02:14
MW-2	L1928159-02	06/30/19 02:40
MW-3	L1928159-03	06/30/19 03:06
MW-4	L1928159-04	06/30/19 03:32

Standards Data Summary

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1928159**
Project Name	**: PISTOIA TIRE CO. INC**	**Project Number**	**: 0064-3**
Instrument ID	**: SV106**	**Ical Ref**	**: ICAL15744**
Calibration dates	**: 04/29/19 20:32 04/30/19 10:22**		

Calibration Files
L1 =ADPL01.D L2 =ADPL02.D L3 =ADPL03.D L4 =ADPL04.D L5 =ADPL05.D L6 =ADPL06.D L7 =ADPL0
L8 =ADPL08.D L9 =ADPL09.D L10 =ADPL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.393	0.403	0.463	0.463	0.465	0.453	0.478	0.450	0.436	0.420	0.442	6.43
3)	t	Pyridine	0.509	0.661	0.823	0.808	0.825	0.795	0.842	0.797	0.751	0.736	0.755	13.47
4)	S	2-Fluorophenol		0.708	0.730	0.755	0.754	0.741	0.784	0.757	0.725	0.711	0.741	3.32
5)	T	Aniline	0.963	1.066	1.127	1.119	1.147	1.118	1.185	1.138	1.097	1.072	1.103	5.48
6)	t	2-Chlorophenol	0.703	0.774	0.903	0.853	0.877	0.837	0.909	0.865	0.824	0.807	0.835	7.48
7)	S	Phenol-d6	0.840	0.838	0.935	0.904	0.909	0.866	0.932	0.895	0.861	0.835	0.882	4.35
8)	T	Phenol	0.756	0.825	0.979	0.929	0.972	0.923	0.988	0.941	0.914	0.896	0.912	7.94
9)	T	bis(2-Chloroethyl)ether	0.775	0.779	0.780	0.811	0.805	0.745	0.798	0.755	0.719	0.716	0.768	4.38
10)	T	1,3-Dichlorobenzene	0.998	1.014	1.082	1.046	1.013	0.957	1.006	0.959	0.914	0.882	0.987	6.08
11)	T	1,4-Dichlorobenzene	0.906	1.076	1.088	1.032	1.047	0.984	1.023	0.964	0.924	0.898	0.994	7.01
12)	T	1,2-Dichlorobenzene	0.963	1.012	1.047	0.994	0.979	0.934	0.977	0.928	0.885	0.862	0.958	5.94
13)	t	Benzyl alcohol		0.465	0.551	0.540	0.564	0.552	0.606	0.588	0.585	0.577	0.559	7.31
14)	T	bis(2-chloroisopropyl)ether	1.139	1.093	1.185	1.158	1.150	1.090	1.167	1.109	1.069	1.060	1.122	3.88
15)	T	2-Methylphenol	0.589	0.653	0.719	0.718	0.736	0.700	0.759	0.726	0.707	0.693	0.700	6.87
16)	T	Hexachloroethane	0.349	0.342	0.373	0.370	0.380	0.355	0.378	0.364	0.347	0.342	0.360	4.09
17)	T	n-Nitrosodi-n-propylamine	0.443	0.437	0.485	0.476	0.493	0.478	0.516	0.508	0.496	0.492	0.482	5.28
18)	T	3-Methylphenol/4-Methylphenol	0.608	0.663	0.768	0.735	0.773	0.749	0.798	0.775	0.746	0.732	0.735	7.83
19)	S	Nitrobenzene-d5	0.624	0.717	0.778	0.788	0.783	0.752	0.810	0.775	0.763	0.740	0.753	6.95
20)	T	Nitrobenzene	0.656	0.718	0.795	0.813	0.810	0.776	0.833	0.809	0.776	0.767	0.775	6.82
21)	T	Isophorone	1.175	1.158	1.355	1.331	1.365	1.279	1.459	1.404	1.391	1.366	1.328	7.32
22)	T	2-Nitrophenol			0.344	0.364	0.376	0.381	0.438	0.425	0.423	0.417	0.396	8.60
23)	T	2,4-Dimethylphenol	0.631	0.618	0.759	0.756	0.790	0.745	0.818	0.786	0.762	0.753	0.742	8.83
24)	T	bis(2-Chloroethoxy)methane	0.903	0.916	1.000	0.955	0.968	0.912	0.998	0.948	0.917	0.897	0.941	4.05
25)	T	2,4-Dichlorophenol		0.583	0.694	0.710	0.727	0.692	0.760	0.721	0.701	0.685	0.697	6.97
26)	T	1,2,4-Trichlorobenzene	0.816	0.818	0.901	0.832	0.842	0.793	0.841	0.794	0.754	0.742	0.813	5.65
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde			0.635	0.654	0.622	0.623	0.665	0.667	0.683	0.664	0.652	3.45
29)	T	Acetophenone			1.066	1.109	1.105	1.109	1.200	1.188	1.238	1.209	1.153	5.43
30)	T	m-Toluidine			0.901	0.980	0.985	1.041	1.137	1.142	1.165	1.145	1.062	9.30
31)	T	2-Chloroaniline		0.964	0.988	1.083	1.075	1.101	1.153	1.144	1.173	1.156	1.093	6.85
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	n-Decane	0.921	0.731	0.734	0.752	0.728	0.719	0.733	0.726	0.739	0.737	0.752	7.97
34)	I	IS1_Naphthalene-d8	----------ISTD----------											
35)	T	Naphthalene	1.089	1.060	1.082	1.077	1.122	1.041	1.088	1.041	1.060	1.056	1.072	2.32
36)	T	Benzoic Acid					0.146	0.167	0.213	0.222	0.255	0.263	*Q	0.9997

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1928159**
Project Name	**: PISTOIA TIRE CO. INC**	**Project Number**	**: 0064-3**
Instrument ID	**: SV106**	**Ical Ref**	**: ICAL15744**
Calibration dates	**: 04/29/19 20:32 04/30/19 10:22**		

Calibration Files
L1 =ADPL01.D L2 =ADPL02.D L3 =ADPL03.D L4 =ADPL04.D L5 =ADPL05.D L6 =ADPL06.D L7 =ADPL0
L8 =ADPL08.D L9 =ADPL09.D L10 =ADPL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37)	T	4-Chloroaniline		0.093	0.102	0.103	0.114	0.106	0.112	0.109	0.113	0.116	0.108	7.00
38)	T	Hexachlorobutadiene		0.160	0.176	0.175	0.183	0.167	0.179	0.173	0.177	0.177	0.174	3.92
39)	T	p-Chloro-m-cresol		0.198	0.224	0.238	0.251	0.246	0.272	0.269	0.282	0.286	0.252	11.47
40)	T	2-Methylnaphthalene	0.681	0.671	0.704	0.686	0.724	0.686	0.713	0.684	0.714	0.718	0.698	2.63
41)	T	1-Methylnaphthalene	0.246	0.215	0.227	0.226	0.234	0.220	0.233	0.222	0.229	0.233	0.228	3.82
42)	T	Hexachlorocyclopentadiene	0.183	0.178	0.212	0.220	0.220	0.213	0.236	0.228	0.239	0.239	0.217	9.92
43)	T	2,4,6-Trichlorophenol			0.174	0.184	0.195	0.189	0.213	0.205	0.217	0.214	0.199	8.00
44)	T	2,4,5-Trichlorophenol			0.185	0.188	0.207	0.201	0.222	0.222	0.226	0.231	0.210	8.36
45)	S	2-Fluorobiphenyl	0.710	0.720	0.769	0.760	0.794	0.731	0.774	0.749	0.771	0.765	0.754	3.52
46)	T	2-Chloronaphthalene	0.603	0.646	0.663	0.663	0.674	0.644	0.683	0.654	0.673	0.673	0.658	3.51
47)	T	2-Nitroaniline			0.147	0.157	0.177	0.173	0.209	0.207	0.220	0.218	*Q	0.9991
48)	T	1,4-Dinitrobenzene					0.082	0.081	0.096	0.095	0.105	0.104	*L	0.9991
49)	T	1,3-Dinitrobenzene				0.085	0.093	0.095	0.110	0.109	0.118	0.118	*L	0.9993
50)	T	Dimethyl phthalate	0.633	0.629	0.725	0.713	0.728	0.689	0.773	0.730	0.754	0.751	0.712	6.85
51)	T	Acenaphthylene	0.845	0.880	0.978	0.994	1.049	1.005	1.077	1.044	1.093	1.093	1.006	8.53
52)	T	2,6-Dinitrotoluene		0.088	0.120	0.137	0.142	0.144	0.162	0.159	0.165	0.163	*L	0.9994
53)	T	1,2-Dinitrobenzene			0.052	0.060	0.065	0.064	0.072	0.071	0.076	0.075	0.067	11.92
54)	I	IS2_Naphthalene-d8	----------ISTD----------											
55)	T	a-Terpineol			0.193	0.198	0.196	0.201	0.221	0.224	0.238	0.237	0.213	8.74
56)	T	3-Chloroaniline				0.116	0.116	0.117	0.127	0.125	0.131	0.128	0.123	5.08
57)	T	2,6-Dichlorophenol				0.247	0.243	0.252	0.277	0.281	0.289	0.285	0.268	7.28
58)	T	1-chloro-2-nitrobenzene			0.113	0.118	0.117	0.118	0.129	0.130	0.135	0.131	0.124	6.57
59)	T	Caprolactam			0.065	0.079	0.086	0.088	0.111	0.114	0.125	0.123	*L	0.9975
60)	T	1,2,4,5-Tetrachlorobenzene	0.313	0.315	0.309	0.310	0.303	0.294	0.307	0.307	0.307	0.298	0.306	2.17
61)	T	Biphenyl	0.841	0.801	0.811	0.831	0.810	0.780	0.823	0.819	0.820	0.804	0.814	2.10
62)	I	IS1_Acenaphthene-d10	----------ISTD----------											
63)	T	3-Nitroaniline			0.299	0.339	0.367	0.368	0.398	0.374	0.389	0.381	0.364	8.70
64)	T	Acenaphthene	1.226	1.219	1.282	1.285	1.303	1.255	1.311	1.228	1.262	1.259	1.263	2.54
65)	T	2,4-Dinitrophenol					0.136	0.150	0.194	0.195	0.218		*L	0.9992
66)	T	Dibenzofuran	2.065	1.992	2.057	2.043	2.086	1.939	2.076	1.922	1.979	1.952	2.011	3.05
67)	T	2,4-Dinitrotoluene		0.236	0.342	0.383	0.410	0.401	0.466	0.444	0.475	0.472	*L	0.9990
68)	T	4-Nitrophenol				0.205	0.230	0.237	0.267	0.255	0.271	0.273	0.248	10.26
69)	T	2,3,5,6-Tetrachlorophenol			0.295	0.320	0.344	0.350	0.397	0.364	0.386	0.382	0.355	9.85
70)	T	2,3,4,6-Tetrachlorophenol			0.325	0.344	0.377	0.356	0.395	0.372	0.393	0.381	0.368	6.62
71)	T	Diethyl phthalate	1.312	1.229	1.444	1.484	1.522	1.425	1.585	1.467	1.545	1.533	1.455	7.56
72)	T	Fluorene	1.431	1.427	1.503	1.506	1.560	1.485	1.596	1.477	1.523	1.498	1.501	3.46

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1928159**
Project Name	**: PISTOIA TIRE CO. INC**	**Project Number**	**: 0064-3**
Instrument ID	**: SV106**	**Ical Ref**	**: ICAL15744**
Calibration dates	**: 04/29/19 20:32 04/30/19 10:22**		

Calibration Files
L1 =ADPL01.D L2 =ADPL02.D L3 =ADPL03.D L4 =ADPL04.D L5 =ADPL05.D L6 =ADPL06.D L7 =ADPL0
L8 =ADPL08.D L9 =ADPL09.D L10 =ADPL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD	
73)	T	4-Chlorophenyl-phenylether	0.662	0.675	0.705	0.728	0.715	0.681	0.748	0.687	0.705	0.696	0.700	3.68	
74)	T	4-Nitroaniline			0.294	0.330	0.358	0.369	0.411	0.397	0.399	0.394	0.369	10.87	
75)	T	4,6-Dinitro-o-cresol				0.155	0.185	0.201	0.226	0.229	0.252	0.252		*L	0.9993
76)	T	NDPA/DPA	0.991	1.061	1.219	1.229	1.292	1.218	1.320	1.239	1.291	1.281	1.214	8.75	
77)	T	Azobenzene	1.114	1.143	1.297	1.366	1.387	1.357	1.480	1.372	1.411	1.415	1.334	8.86	
78)	S	2,4,6-Tribromophenol		0.129	0.192	0.210	0.222	0.212	0.243	0.229	0.246	0.249		*L	0.9990
79)	T	4-Bromophenyl-phenylether		0.364	0.394	0.389	0.405	0.374	0.420	0.392	0.410	0.405	0.395	4.50	
80)	T	Hexachlorobenzene	0.438	0.451	0.490	0.466	0.485	0.459	0.505	0.466	0.490	0.489	0.474	4.45	
81)	T	Pentachlorophenol				0.206	0.233	0.239	0.287	0.276	0.313	0.312		*L	0.9961
82)	I	IS2_Acenaphthene-d10	----------ISTD----------												
83)	T	Dichloran			0.095	0.102	0.119	0.120	0.150	0.162	0.186	0.185		*Q	0.9978
84)	T	Pentachloronitrobenzene			0.108	0.124	0.140	0.140	0.153	0.165	0.176	0.172		*L	0.9984
85)	I	IS3_Acenaphthene-d10	----------ISTD----------												
86)	T	Atrazine		0.194	0.222	0.226	0.235	0.251	0.273	0.285	0.310		0.250	15.17	
87)	I	IS1_Phenanthrene-d10	----------ISTD----------												
88)	T	Phenanthrene	1.118	1.167	1.199	1.167	1.191	1.121	1.170	1.120	1.130	1.151	1.153	2.60	
89)	T	Anthracene	1.048	1.007	1.114	1.119	1.175	1.137	1.192	1.159	1.175	1.203	1.133	5.62	
90)	T	Carbazole	0.764	0.841	0.974	1.007	1.065	1.052	1.126	1.096	1.111	1.121	1.015	12.21	
91)	T	Di-n-butylphthalate			1.029	1.083	1.128	1.093	1.311	1.301	1.391	1.419	1.219	12.54	
92)	T	Fluoranthene	0.988	1.029	1.136	1.159	1.183	1.159	1.288	1.251	1.286	1.311	1.179	9.27	
93)	T	Benzidine				0.566	0.630	0.671	0.809	0.823	0.891	0.905		*L	0.9991
94)	T	Pyrene	1.046	1.042	1.237	1.233	1.310	1.247	1.350	1.314	1.349	1.364	1.249	9.47	
95)	S	4-Terphenyl-d14	0.652	0.668	0.796	0.797	0.825	0.788	0.881	0.861	0.898	0.915	0.808	11.12	
96)	T	Butyl benzyl phthalate			0.347	0.394	0.432	0.437	0.552	0.571	0.634			*Q	0.9986
97)	I	IS2_Phenanthrene-d10	----------ISTD----------												
98)	T	Diphenamid			0.357	0.391	0.396	0.405	0.467	0.486	0.541	0.531	0.447	15.42	
99)	I	IS3_Phenanthrene-d10	----------ISTD----------												
100)	T	n-Octadecane	0.309	0.283	0.278	0.308	0.318	0.336	0.364	0.377	0.392	0.406	0.337	13.43	
101)	T	Parathion			0.053	0.055	0.055	0.062	0.076	0.090	0.110	0.120		*Q	0.9985
102)	T	3,3'-Dimethylbenzidine			0.226	0.298	0.338	0.393	0.497	0.537	0.616	0.657		*Q	0.9999
103)	T	IS1_Chrysene-d12 ----- ----- ---IS D---	-----	-----	---IS D----	-----	-----	----							
104)	T	Benzo[a]anthracene	1.129	1.158	1.222	1.256	1.323	1.240	1.347	1.300	1.320	1.300	1.260	5.78	
105)	T	3,3'-Dichlorobenzidine			0.377	0.430	0.480	0.464	0.534	0.530	0.547	0.533	0.487	12.46	
106)	T	Chrysene	1.408	1.432	1.410	1.340	1.436	1.330	1.322	1.293	1.295	1.270	1.353	4.61	
107)	T	bis(2-Ethylhexyl)phthalate		0.423	0.599	0.703	0.781	0.732	0.916	0.922	0.959	0.953		*L	0.9980
108)	T	Di-n-octylphthalate			0.855	0.952	1.095	1.091	1.452	1.496	1.651			*Q	0.9977

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1928159**
Project Name	**: PISTOIA TIRE CO. INC**	**Project Number**	**: 0064-3**
Instrument ID	**: SV106**	**Ical Ref**	**: ICAL15744**
Calibration dates	**: 04/29/19 20:32 04/30/19 10:22**		

Calibration Files
L1 =ADPL01.D L2 =ADPL02.D L3 =ADPL03.D L4 =ADPL04.D L5 =ADPL05.D L6 =ADPL06.D L7 =ADPL0
L8 =ADPL08.D L9 =ADPL09.D L10 =ADPL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
109)	T	Benzo(b)fluoranthene	1.046	1.115	1.283	1.358	1.349	1.305	1.405	1.331	1.402	1.434	1.303	9.75
110)	T	Benzo(k)fluoranthene	1.028	1.139	1.321	1.262	1.419	1.340	1.324	1.380	1.333	1.241	1.279	9.21
111)	T	Benzo(a)pyrene	0.900	1.001	1.171	1.202	1.310	1.242	1.339	1.325	1.355	1.329	1.217	12.74
112)	I	IS1_Perylene-d12	----------ISTD----------											
113)	T	Indeno(1,2,3-cd)pyrene	0.879	0.965	1.094	1.068	1.195	1.137	1.184	1.192	1.287	1.277	1.128	11.54
114)	T	Dibenzo[a,h]anthracene	0.832	0.972	1.124	1.149	1.245	1.154	1.244	1.198	1.256	1.269	1.144	12.32
115)	T	Benzo(g,h,i)perylene	1.035	1.102	1.205	1.180	1.265	1.175	1.262	1.199	1.227	1.192	1.184	5.93

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1928159**
Project Name	**: PISTOIA TIRE CO. INC**	**Project Number**	**: 0064-3**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL15841**
Calibration dates	**: 05/31/19 16:21 06/01/19 20:33**		

Calibration Files
L1 =Ap9L1a.D L2 =Ap9L2a.D L3 =Ap9L3a.D L4 =Ap9L4a.D L5 =Ap9L5a.D L6 =Ap9L6a.D L7 =Ap9L7a.D
L8 =Ap9L8a.D L9 =Ap9L9a.D L10 =Ap9L10a.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	n-Nitrosodimet	0.467	0.482	0.525	0.496	0.543	0.487	0.544	0.507	0.496	0.455	0.500	6.00
3)	t	Pyridine	0.864	0.938	0.961	0.919	1.010	0.882	0.979	0.901	0.890	0.809	0.915	6.46
4)	S	2-Fluorophenol	0.523	0.622	0.695	0.703	0.769	0.711	0.809	0.778	0.756	0.706	0.707	11.83
5)	T	Aniline	1.017	1.158	1.239	1.233	1.359	1.210	1.324	1.241	1.175	1.059	1.202	8.81
6)	t	2-Chlorophenol	0.601	0.639	0.744	0.787	0.861	0.769	0.875	0.823	0.799	0.727	0.762	11.65
7)	S	Phenol-d6	0.729	0.807	0.890	0.886	0.976	0.887	0.967	0.929	0.895	0.794	0.876	8.93
8)	T	Phenol	0.833	0.949	1.027	1.029	1.107	0.967	1.077	1.022	0.956	0.851	0.982	9.11
9)	T	Bis(2-chloroet	0.864	0.867	0.869	0.839	0.893	0.798	0.865	0.816	0.759	0.697	0.827	7.35
10)	T	1,3-Dichlorobe		1.052	1.044	0.984	1.053	0.930	0.996	0.950	0.892	0.810	0.968	8.46
11)	T	1,4-Dichlorobe		1.053	1.045	1.002	1.080	0.944	1.016	0.955	0.898	0.823	0.979	8.45
12)	T	1,2-Dichlorobe		1.000	0.987	0.951	1.032	0.896	0.961	0.895	0.829	0.738	0.921	10.05
13)	t	Benzyl alcohol	0.469	0.501	0.540	0.563	0.629	0.588	0.680	0.651	0.633	0.558	0.581	11.66
14)	T	Bis(2-chlorois	1.189	1.199	1.183	1.214	1.313	1.141	1.215	1.149	1.024	0.897	1.152	10.00
15)	T	2-Methylphenol	0.556	0.601	0.673	0.724	0.834	0.733	0.792	0.773	0.721	0.643	0.705	12.34
16)	T	Hexachloroethane	0.338	0.317	0.336	0.335	0.366	0.331	0.363	0.357	0.336	0.316	0.340	5.09
17)	T	n-Nitrosodi-n-	0.407	0.406	0.447	0.478	0.556	0.513	0.588	0.573	0.545	0.502	0.501	13.15
18)	T	3-Methylphenol	0.594	0.642	0.731	0.771	0.860	0.785	0.864	0.828	0.778	0.701	0.755	11.86
19)	S	Nitrobenzene-d5	0.553	0.613	0.670	0.726	0.836	0.766	0.861	0.844	0.829	0.742	0.744	14.11
20)	T	Nitrobenzene	0.621	0.654	0.746	0.807	0.920	0.835	0.923	0.897	0.861	0.766	0.803	13.22
21)	T	Isophorone	0.989	1.023	1.151	1.297	1.573	1.453	1.635	1.578	1.504	1.362	1.356	17.32
22)	T	2-Nitrophenol				0.240	0.303	0.300	0.370	0.380	0.394	0.356	0.335	16.52
23)	T	2,4-Dimethylph	0.566	0.611	0.702	0.782	0.891	0.805	0.900	0.866	0.820	0.726	0.767	14.92
24)	T	Bis(2-chloroet		0.918	0.944	0.995	1.113	0.993	1.087	1.030	0.951	0.864	0.988	8.06
25)	T	2,4-Dichloroph		0.393	0.522	0.595	0.702	0.651	0.729	0.710	0.670	0.592	0.618	17.41
26)	T	1,2,4-Trichlor		0.805	0.769	0.761	0.832	0.729	0.789	0.728	0.682	0.621	0.746	8.70
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.616	0.597	0.643	0.657	0.656	0.671	0.718	0.711	0.731	0.693	0.669	6.61
29)	T	Acetophenone	1.054	1.070	1.119	1.168	1.186	1.219	1.301	1.282	1.315	1.272	1.199	7.95
30)	T	m-Toluidine		0.666	0.891	1.010	1.045	1.120	1.228	1.220	1.248	1.183	1.068	17.94
31)	T	2-Chloroaniline	0.843	0.884	1.021	1.054	1.072	1.088	1.164	1.141	1.160	1.105	1.053	10.47
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	n-Decane	1.258	1.024	1.103	1.110	1.117	1.102	1.105	1.091	1.090	0.955	1.096	6.96
34)	I	IS1_Naphthalene-d8	----------ISTD----------											
35)	T	Naphthalene		1.078	1.067	1.067	1.125	1.023	1.062	1.021	1.005	0.921	1.041	5.55
36)	T	Benzoic Acid					0.073	0.103	0.143	0.163	0.217	0.208	*L	0.99

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1928159**
Project Name	**: PISTOIA TIRE CO. INC**	**Project Number**	**: 0064-3**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL15841**
Calibration dates	**: 05/31/19 16:21 06/01/19 20:33**		

Calibration Files
L1 =Ap9L1a.D L2 =Ap9L2a.D L3 =Ap9L3a.D L4 =Ap9L4a.D L5 =Ap9L5a.D L6 =Ap9L6a.D L7 =Ap9L7a.D
L8 =Ap9L8a.D L9 =Ap9L9a.D L10 =Ap9L10a.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	
62)														
37)	T	4-Chloroaniline	0.097	0.108	0.123	0.126	0.140	0.132	0.138	0.133	0.133	0.123	0.125	10.70
38)	T	Hexachlorobuta	0.169	0.158	0.159	0.161	0.169	0.159	0.163	0.161	0.161	0.155	0.161	2.82
39)	T	p-Chloro-m-cresol		0.168	0.202	0.238	0.273	0.276	0.295	0.298	0.306	0.287	0.260	18.35
40)	T	2-Methylnaphth		0.654	0.676	0.683	0.735	0.695	0.714	0.692	0.679	0.632	0.684	4.44
41)	T	1-Methylnaphth		0.244	0.251	0.246	0.267	0.244	0.251	0.245	0.240	0.228	0.246	4.20
42)	T	Hexachlorocycl	0.123	0.133	0.135	0.146	0.175	0.167	0.185	0.188	0.207	0.200	0.166	18.10
43)	T	2,4,6-Trichlor			0.106	0.143	0.172	0.171	0.196	0.195	0.200	0.191	0.172	18.99
44)	T	2,4,5-Trichlor			0.134	0.176	0.203	0.193	0.212	0.207	0.215	0.205	0.193	14.01
45)	S	2-Fluorobiphenyl	0.730	0.729	0.735	0.773	0.829	0.743	0.779	0.741	0.737	0.675	0.747	5.37
46)	T	2-Chloronaphth	0.615	0.619	0.618	0.640	0.685	0.625	0.655	0.634	0.624	0.588	0.630	4.10
47)	T	2-Nitroaniline			0.085	0.113	0.144	0.149	0.182	0.187	0.202	0.187	*L	0.99
77)														
48)	T	1,4-Dinitroben				0.048	0.063	0.068	0.081	0.084	0.091	0.088	*Q	0.99
93)														
49)	T	1,3-Dinitroben				0.064	0.085	0.087	0.098	0.099	0.100	0.093	0.089	14.07
50)	T	Dimethyl phtha	0.579	0.596	0.561	0.665	0.743	0.698	0.721	0.694	0.677	0.638	0.657	9.38
51)	T	Acenaphthylene	0.657	0.720	0.829	0.935	1.067	1.016	1.074	1.038	0.993	0.916	0.924	15.79
52)	T	2,6-Dinitrotol			0.072	0.111	0.139	0.135	0.152	0.146	0.151	0.143	*L	0.99
85)														
53)	T	1,2-Dinitroben			0.037	0.049	0.058	0.059	0.064	0.063	0.062	0.058	0.056	16.07
54)	I	IS2_Naphthalene-d8	----------ISTD----------											
55)	T	a-Terpineol	0.146	0.151	0.173	0.181	0.189	0.203	0.236	0.238	0.242	0.234	0.199	18.34
56)	T	3-Chloroaniline	0.111	0.123	0.136	0.146	0.142	0.143	0.161	0.157	0.153	0.144	0.141	10.66
57)	T	2,6-Dichlorophenol			0.166	0.189	0.207	0.229	0.261	0.268	0.274	0.262	0.232	17.55
58)	T	1-chloro-2-nitrobenzene			0.089	0.094	0.099	0.112	0.132	0.135	0.145	0.139	0.118	18.86
59)	T	Caprolactam			0.062	0.068	0.082	0.100	0.137	0.143	0.144	0.135	*L	0.99
54)														
60)	T	1,2,4,5-Tetrachloroben...	0.292	0.310	0.310	0.296	0.294	0.288	0.298	0.299	0.287	0.275	0.295	3.54
61)	T	Biphenyl	0.782	0.833	0.857	0.814	0.816	0.794	0.849	0.835	0.802	0.747	0.813	4.08
62)	I	IS1_Acenaphthene-d10	----------ISTD----------											
63)	T	3-Nitroaniline			0.210	0.274	0.329	0.317	0.334	0.329	0.347	0.332	0.309	14.74
64)	T	Acenaphthene		1.191	1.245	1.179	1.272	1.167	1.188	1.158	1.147	1.071	1.180	4.88
65)	T	2,4-Dinitrophenol				0.045	0.073	0.082	0.117	0.131	0.169	0.174	*L	0.99
16)														
66)	T	Dibenzofuran		1.898	1.886	1.817	1.957	1.763	1.749	1.701	1.657	1.516	1.772	7.72

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1928159**
Project Name	**: PISTOIA TIRE CO. INC**	**Project Number**	**: 0064-3**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL15841**
Calibration dates	**: 05/31/19 16:21 06/01/19 20:33**		

Calibration Files
L1 =Ap9L1a.D L2 =Ap9L2a.D L3 =Ap9L3a.D L4 =Ap9L4a.D L5 =Ap9L5a.D L6 =Ap9L6a.D L7 =Ap9L7a.D
L8 =Ap9L8a.D L9 =Ap9L9a.D L10 =Ap9L10a.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	
67)	T	2,4-Dinitrotol			0.195	0.280	0.362	0.349	0.364	0.376	0.390	0.368	0.336	19.62
68)	T	4-Nitrophenol				0.170	0.225	0.229	0.264	0.272	0.297	0.285	0.249	17.61
69)	T	2,3,5,6-Tetrac			0.154	0.214	0.276	0.273	0.298	0.302	0.322	0.307	*L	0.99
92)														
70)	T	2,3,4,6-Tetrachlorophenol			0.203	0.246	0.305	0.292	0.314	0.315	0.330	0.313	0.290	14.87
71)	T	Diethyl phthalate	0.947	0.943	1.013	1.245	1.381	1.301	1.332	1.352	1.382	1.369	1.226	15.02
72)	T	Fluorene	1.228	1.220	1.265	1.349	1.470	1.334	1.338	1.321	1.313	1.216	1.305	5.94
73)	T	4-Chlorophenyl		0.654	0.637	0.633	0.673	0.621	0.620	0.608	0.594	0.563	0.623	5.21
74)	T	4-Nitroaniline			0.195	0.260	0.310	0.276	0.322	0.339	0.359	0.349	0.301	18.24
75)	T	4,6-Dinitro-o-				0.073	0.103	0.117	0.151	0.171	0.207	0.208	*L	0.99
49)														
76)	T	NDPA/DPA	0.873	0.963	1.030	1.170	1.279	1.184	1.190	1.168	1.158	1.119	1.113	10.94
77)	T	Azobenzene		0.851	1.024	1.296	1.480	1.378	1.407	1.374	1.395	1.359	1.285	16.12
78)	S	2,4,6-Tribromo		0.047	0.072	0.098	0.124	0.121	0.137	0.144	0.162	0.163	*Q	0.99
88)														
79)	T	4-Bromophenyl	0.300	0.269	0.275	0.299	0.335	0.313	0.319	0.320	0.326	0.314	0.307	6.97
80)	T	Hexachlorobenzene	0.338	0.326	0.308	0.324	0.348	0.321	0.325	0.327	0.358	0.336	0.331	4.33
81)	T	Pentachlorophenol				0.099	0.133	0.147	0.176	0.199	0.229	0.217	*L	0.99
68)														
82)	I	IS2_Acenaphthene-d10	----------ISTD----------											
83)	T	Dichloran			0.044	0.046	0.055	0.069	0.109	0.127	0.156		*Q	0.99
50)														
84)	T	Pentachloronitrobenzene			0.060	0.072	0.081	0.103	0.129	0.141	0.153	0.149	*Q	0.99
72)														
85)	I	IS3_Acenaphthene-d10	----------ISTD----------											
86)	T	Atrazine		0.089	0.130	0.117	0.175	0.213	0.276	0.295	0.351		*Q	0.99
55)														
87)	I	IS1_Phenanthrene-d10	----------ISTD----------											
88)	T	Phenanthrene		1.262	1.251	1.223	1.275	1.170	1.200	1.160	1.160	1.069	1.197	5.43
89)	T	Anthracene	0.924	0.946	1.047	1.136	1.220	1.144	1.240	1.169	1.207	1.115	1.115	9.86
90)	T	Carbazole	0.700	0.773	0.968	1.082	1.171	1.100	1.205	1.138	1.140	1.056	1.033	16.47
91)	T	Di-n-butylphth			0.527	0.855	1.091	1.128	1.403	1.382	1.390	1.362	*L	0.99
89)														
92)	T	Fluoranthene	0.881	0.899	1.007	1.216	1.320	1.261	1.389	1.339	1.331	1.223	1.187	15.85
93)	T	Benzidine					0.581	0.649	0.849	0.862	0.928	0.893	0.794	17.97
94)	T	Pyrene	0.949	0.980	1.141	1.326	1.451	1.349	1.483	1.413	1.376	1.301	1.277	14.84

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1928159**
Project Name	**: PISTOIA TIRE CO. INC**	**Project Number**	**: 0064-3**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL15841**
Calibration dates	**: 05/31/19 16:21 06/01/19 20:33**		

Calibration Files
L1 =Ap9L1a.D L2 =Ap9L2a.D L3 =Ap9L3a.D L4 =Ap9L4a.D L5 =Ap9L5a.D L6 =Ap9L6a.D L7 =Ap9L7a.D
L8 =Ap9L8a.D L9 =Ap9L9a.D L10 =Ap9L10a.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	
95)	S	4-Terphenyl-d14	0.595	0.574	0.640	0.754	0.854	0.736	0.868	0.812	0.821	0.795	0.745	14.35
96)	T	Butyl benzyl p			0.136	0.230	0.308	0.353	0.530	0.554	0.618	0.605	*Q	0.99
65)														
97)	I	IS2_Phenanthrene-d10	----------ISTD----------											
98)	T	Diphenamid			0.200	0.245	0.288	0.352	0.465	0.485	0.524	0.527	*Q	0.99
79)														
99)	I	IS3_Phenanthrene-d10	----------ISTD----------											
100)	T	n-Octadecane			0.385	0.429	0.553	0.578	0.617	0.603	0.601	0.516	0.535	16.11
101)	T	Parathion			0.032	0.029	0.037	0.048	0.084	0.100			*Q	0.99
56)														
102)	T	3,3'-Dimethylb			0.130	0.126	0.211	0.300	0.500	0.572	0.674		*Q	0.99
88)														
103)	T	IS1_Chrysene-d12	----------ISTD----------											
104)	T	Benzo(a)anthra	0.906	0.882	1.042	1.231	1.363	1.333	1.418	1.358	1.354	1.280	1.217	16.38
105)	T	3,3'-Dichlorob			0.190	0.292	0.359	0.391	0.459	0.466	0.476	0.455	*L	0.99
89)														
106)	T	Chrysene	1.532	1.560	1.516	1.431	1.516	1.378	1.437	1.385	1.338	1.290	1.438	6.31
107)	T	Bis(2-ethylhex		0.261	0.244	0.419	0.604	0.710	0.948	0.989	1.070	1.072	*L	0.99
15)														
108)	T	Di-n-octylphth			0.344	0.472	0.699	0.919	1.374	1.524	1.804	1.802	*Q	0.99
57)														
109)	T	Benzo(b)fluora		0.809	0.910	1.176	1.221	1.203	1.386	1.313	1.413	1.232	1.185	17.14
110)	T	Benzo(k)fluora		0.746	0.900	1.104	1.211	1.190	1.178	1.190	1.242	1.245	1.112	15.58
111)	T	Benzo(a)pyrene		0.530	0.658	0.912	1.061	1.077	1.212	1.210	1.287	1.236	*L	0.99
86)														
112)	I	IS1_Perylene-d12	----------ISTD----------											
113)	T	Indeno(1,2,3-c		0.551	0.611	0.844	0.892	0.998	1.125	1.091	1.180	1.005	*Q	0.99
47)														
114)	T	Dibenzo(a,h)an		0.661	0.905	0.995	1.077	1.117	1.152	1.142	1.120	1.003	1.019	15.43
115)	T	Benzo(ghi)pery	0.673	0.783	0.984	1.007	1.055	1.071	1.156	1.086	1.000		0.979	15.74

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159		
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3		
Instrument ID	: SV107	**Calibration Date**	: 06/28/19 08:51		
Lab File ID	: ABN0628B	**Init. Calib. Date(s)**	: 05/31/19	06/01/19	
Sample No	: WG1254421-3	**Init. Calib. Times**	: 16:21	20:33	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	97	0
n-Nitrosodimethylamine	0.5	0.53	-	-6	20	106	0
Pyridine	0.915	0.936	-	-2.3	20	103	0
2-Fluorophenol	0.707	0.773	-	-9.3	20	106	0
Aniline	1.202	1.265	-	-5.2	20	102	0
2-Chlorophenol	0.762	0.886	-	-16.3	20	112	0
Phenol-d6	0.876	0.993	-	-13.4	20	109	0
Phenol	0.982	1.098	-	-11.8	20	111	0
Bis(2-chloroethyl)ether	0.827	0.863	-	-4.4	20	105	0
1,3-Dichlorobenzene	0.968	0.974	-	-0.6	20	102	0
1,4-Dichlorobenzene	0.979	0.98	-	-0.1	20	101	0
1,2-Dichlorobenzene	0.921	0.924	-	-0.3	20	101	0
Benzyl alcohol	0.581	0.63	-	-8.4	20	105	0
Bis(2-chloroisopropyl)ethe	1.152	1.003	-	12.9	20	86	0
2-Methylphenol	0.705	0.775	-	-9.9	20	103	0
Hexachloroethane	0.34	0.357	-	-5	20	105	0
n-Nitrosodi-n-propylamine	0.501	0.563	-	-12.4	20	107	0
3-Methylphenol/4-Methylphe	0.755	0.839	-	-11.1	20	104	0
Nitrobenzene-d5	0.744	0.848	-	-14	20	108	0
Nitrobenzene	0.803	0.888	-	-10.6	20	104	0
Isophorone	1.356	1.575	-	-16.2	20	106	0
2-Nitrophenol	0.335	0.388	-	-15.8	20	126	0
2,4-Dimethylphenol	0.767	0.845	-	-10.2	20	102	0
Bis(2-chloroethoxy)methane	0.988	1.128	-	-14.2	20	111	0
2,4-Dichlorophenol	0.618	0.701	-	-13.4	20	105	0
1,2,4-Trichlorobenzene	0.746	0.742	-	0.5	20	99	0
IS1_Naphthalene-d8	1	1	-	0	20	100	0
Naphthalene	1.041	1.081	-	-3.8	20	106	0
Benzoic Acid	5	6.062	-	-21.2*	20	139	0
4-Chloroaniline	0.125	0.124	-	0.8	20	94	0
Hexachlorobutadiene	0.161	0.149	-	7.5	20	94	0
p-Chloro-m-cresol	0.26	0.302	-	-16.2	20	109	0
2-Methylnaphthalene	0.684	0.701	-	-2.5	20	101	0
1-Methylnaphthalene	0.246	0.254	-	-3.3	20	104	0
Hexachlorocyclopentadiene	0.166	0.16	-	3.6	20	96	0
2,4,6-Trichlorophenol	0.172	0.189	-	-9.9	20	111	0
2,4,5-Trichlorophenol	0.193	0.2	-	-3.6	20	104	0
2-Fluorobiphenyl	0.747	0.717	-	4	20	97	0
2-Chloronaphthalene	0.63	0.669	-	-6.2	20	107	0
2-Nitroaniline	5	5.293	-	-5.9	20	120	0
1,4-Dinitrobenzene	5	5.379	-	-7.6	20	118	0
1,3-Dinitrobenzene	0.089	0.105	-	-18	20	120	0
Dimethyl phthalate	0.657	0.885	-	-34.7*	20	127	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159		
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3		
Instrument ID	: SV107	**Calibration Date**	: 06/28/19 08:51		
Lab File ID	: ABN0628B	**Init. Calib. Date(s)**	: 05/31/19	06/01/19	
Sample No	: WG1254421-3	**Init. Calib. Times**	: 16:21	20:33	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	0.924	1.08	-	-16.9	20	106	0
2,6-Dinitrotoluene	5	5.637	-	-12.7	20	115	0
1,2-Dinitrobenzene	0.056	0.069	-	-23.2*	20	118	0
IS1_Acenaphthene-d10	1	1	-	0	20	106	0
3-Nitroaniline	0.309	0.334	-	-8.1	20	112	0
Acenaphthene	1.18	1.174	-	0.5	20	107	0
2,4-Dinitrophenol	5	5.844	-	-16.9	20	174	0
Dibenzofuran	1.772	1.787	-	-0.8	20	108	0
2,4-Dinitrotoluene	0.336	0.397	-	-18.2	20	121	0
4-Nitrophenol	0.249	0.245	-	1.6	20	113	0
2,3,5,6-Tetrachlorophenol	5	4.809	-	3.8	20	105	0
2,3,4,6-Tetrachlorophenol	0.29	0.293	-	-1	20	106	0
Diethyl phthalate	1.226	1.374	-	-12.1	20	112	0
Fluorene	1.305	1.376	-	-5.4	20	110	0
4-Chlorophenyl phenyl ethe	0.623	0.616	-	1.1	20	105	0
4-Nitroaniline	0.301	0.306	-	-1.7	20	118	0
4,6-Dinitro-o-cresol	5	5.818	-	-16.4	20	158	0
NDPA/DPA	1.113	1.164	-	-4.6	20	104	0
Azobenzene	1.285	1.42	-	-10.5	20	109	0
2,4,6-Tribromophenol	5	4.069	-	18.6	20	91	0
4-Bromophenyl phenyl ether	0.307	0.277	-	9.8	20	94	0
Hexachlorobenzene	0.331	0.275	-	16.9	20	91	0
Pentachlorophenol	5	4.396	-	12.1	20	100	0
IS1_Phenanthrene-d10	1	1	-	0	20	104	0
Phenanthrene	1.197	1.235	-	-3.2	20	110	0
Anthracene	1.115	1.21	-	-8.5	20	110	0
Carbazole	1.033	1.187	-	-14.9	20	112	0
Di-n-butylphthalate	5	5.496	-	-9.9	20	125	0
Fluoranthene	1.187	1.34	-	-12.9	20	111	0
Benzidine	0.794	0.812	-	-2.3	20	130	0
Pyrene	1.277	1.457	-	-14.1	20	112	0
4-Terphenyl-d14	0.745	0.796	-	-6.8	20	113	0
Butyl benzyl phthalate	5	6.502	-	-30*	20	184	0
IS1_Chrysene-d12	1	1	-	0	20	114	0
Benzo(a)anthracene	1.217	1.365	-	-12.2	20	117	0
3,3'-Dichlorobenzidine	5	5.503	-	-10.1	20	134	0
Chrysene	1.438	1.37	-	4.7	20	114	0
Bis(2-ethylhexyl)phthalate	5	5.631	-	-12.6	20	170	0
Di-n-octylphthalate	5	6.698	-	-34*	20	211	0
Benzo(b)fluoranthene	1.185	1.358	-	-14.6	20	129	0
Benzo(k)fluoranthene	1.112	1.261	-	-13.4	20	121	0
Benzo(a)pyrene	5	5.289	-	-5.8	20	132	0
IS1_Perylene-d12	1	1	-	0	20	115	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L1928159	
Project Name	: PISTOIA TIRE CO. INC		**Project Number**	: 0064-3	
Instrument ID	: SV107		**Calibration Date**	: 06/28/19 08:51	
Lab File ID	: ABN0628B		**Init. Calib. Date(s)**	: 05/31/19	06/01/19
Sample No	: WG1254421-3		**Init. Calib. Times**	: 16:21	20:33
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	5	4.925	-	1.5	20	122	0
Dibenzo(a,h)anthracene	1.019	1.073	-	-5.3	20	110	0
Benzo(ghi)perylene	0.979	1.045	-	-6.7	20	112	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L1928159	
Project Name	: PISTOIA TIRE CO. INC		**Project Number**	: 0064-3	
Instrument ID	: SV107		**Calibration Date**	: 06/28/19 09:33	
Lab File ID	: AP90628B		**Init. Calib. Date(s)**	: 05/31/19	06/01/19
Sample No	: WG1254421-4		**Init. Calib. Times**	: 16:21	20:33
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	104	0
Benzaldehyde	0.669	0.728	-	-8.8	20	113	0
Acetophenone	1.199	1.353	-	-12.8	20	116	0
m-Toluidine	1.068	1.296	-	-21.3*	20	120	0
2-Chloroaniline	1.053	1.235	-	-17.3	20	118	0
IS2_Naphthalene-d8	1	1	-	0	20	107	0
a-Terpineol	0.199	0.287	-	-44.2*	20	151	0
3-Chloroaniline	0.141	0.155	-	-9.9	20	116	0
2,6-Dichlorophenol	0.232	0.285	-	-22.8*	20	133	0
1-chloro-2-nitrobenzene	0.118	0.151	-	-28*	20	145	0
Caprolactam	5	5.952	-	-19	20	155	0
1,2,4,5-Tetrachlorobenzene	0.295	0.289	-	2	20	107	0
Biphenyl	0.813	0.899	-	-10.6	20	121	0
IS2_Acenaphthene-d10	1	1	-	0	20	118	0
Dichloran	5	6.349	-	-27*	20	203	0
Pentachloronitrobenzene	5	5.555	-	-11.1	20	153	0
IS2_Phenanthrene-d10	1	1	-	0	20	123	0
Diphenamid	5	6.044	-	-20.9*	20	178	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L1928159	
Project Name	: PISTOIA TIRE CO. INC		**Project Number**	: 0064-3	
Instrument ID	: SV107		**Calibration Date**	: 06/28/19 10:01	
Lab File ID	: ADP0628B		**Init. Calib. Date(s)**	: 05/31/19	06/01/19
Sample No	: WG1254421-5		**Init. Calib. Times**	: 16:21	20:33
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	86	0
n-Decane	1.096	1.079	-	1.6	20	84	0
IS3_Acenaphthene-d10	1	1	-	0	20	97	0
Atrazine	5	6.663	-	-33.3*	20	145	0
IS3_Phenanthrene-d10	1	1	-	0	20	105	0
n-Octadecane	0.535	0.58	-	-8.4	20	106	0
Parathion	5	7.465	-	-49.3*	20	211	0
3,3'-Dimethylbenzidine	5	6.14	-	-22.8*	20	186	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159		
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3		
Instrument ID	: SV106	**Calibration Date**	: 06/29/19 20:12		
Lab File ID	: ABN0629	**Init. Calib. Date(s)**	: 04/29/19	04/30/19	
Sample No	: WG1254918-3	**Init. Calib. Times**	: 20:32	10:22	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	4	4	-	0	20	99	0
n-Nitrosodimethylamine	0.442	0.566	-	-28.1*	20	123	0
Pyridine	0.755	0.997	-	-32.1*	20	124	0
2-Fluorophenol	0.741	0.791	-	-6.7	20	105	0
Aniline	1.103	1.089	-	1.3	20	96	0
2-Chlorophenol	0.835	0.864	-	-3.5	20	102	0
Phenol-d6	0.882	0.863	-	2.2	20	98	0
Phenol	0.912	0.909	-	0.3	20	97	0
Bis(2-chloroethyl)ether	0.768	0.699	-	9	20	93	0
1,3-Dichlorobenzene	0.987	0.957	-	3	20	99	0
1,4-Dichlorobenzene	0.994	0.967	-	2.7	20	97	0
1,2-Dichlorobenzene	0.958	0.916	-	4.4	20	97	0
Benzyl alcohol	0.559	0.555	-	0.7	20	99	0
Bis(2-chloroisopropyl)ethe	1.122	1.245	-	-11	20	113	0
2-Methylphenol	0.7	0.672	-	4	20	95	0
Hexachloroethane	0.36	0.355	-	1.4	20	99	0
n-Nitrosodi-n-propylamine	0.482	0.488	-	-1.2	20	101	0
3-Methylphenol/4-Methylphe	0.735	0.719	-	2.2	20	95	0
Nitrobenzene-d5	0.753	0.733	-	2.7	20	96	0
Nitrobenzene	0.775	0.759	-	2.1	20	96	0
Isophorone	1.328	1.243	-	6.4	20	96	0
2-Nitrophenol	0.396	0.39	-	1.5	20	101	0
2,4-Dimethylphenol	0.742	0.745	-	-0.4	20	99	0
Bis(2-chloroethoxy)methane	0.941	0.851	-	9.6	20	92	0
2,4-Dichlorophenol	0.697	0.683	-	2	20	97	0
1,2,4-Trichlorobenzene	0.813	0.79	-	2.8	20	98	0
IS1_Naphthalene-d8	1	1	-	0	20	92	0
Naphthalene	1.072	1.057	-	1.4	20	93	0
Benzoic Acid	5	5.018	-	-0.4	20	98	0
4-Chloroaniline	0.108	0.116	-	-7.4	20	100	0
Hexachlorobutadiene	0.174	0.195	-	-12.1	20	107	0
p-Chloro-m-cresol	0.252	0.268	-	-6.3	20	100	0
2-Methylnaphthalene	0.698	0.692	-	0.9	20	93	0
1-Methylnaphthalene	0.228	0.222	-	2.6	20	93	0
Hexachlorocyclopentadiene	0.217	0.236	-	-8.8	20	101	0
2,4,6-Trichlorophenol	0.199	0.211	-	-6	20	103	0
2,4,5-Trichlorophenol	0.21	0.232	-	-10.5	20	106	0
2-Fluorobiphenyl	0.754	0.767	-	-1.7	20	96	0
2-Chloronaphthalene	0.658	0.672	-	-2.1	20	96	0
2-Nitroaniline	5	4.902	-	2	20	100	0
1,4-Dinitrobenzene	5	4.988	-	0.2	20	98	0
1,3-Dinitrobenzene	5	5.026	-	-0.5	20	99	0
Dimethyl phthalate	0.712	0.743	-	-4.4	20	99	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159		
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3		
Instrument ID	: SV106	**Calibration Date**	: 06/29/19 20:12		
Lab File ID	: ABN0629	**Init. Calib. Date(s)**	: 04/29/19	04/30/19	
Sample No	: WG1254918-3	**Init. Calib. Times**	: 20:32	10:22	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.006	1.057	-	-5.1	20	97	0
2,6-Dinitrotoluene	5	5.015	-	-0.3	20	100	0
1,2-Dinitrobenzene	0.067	0.069	-	-3	20	98	0
IS1_Acenaphthene-d10	1	1	-	0	20	104	0
3-Nitroaniline	0.364	0.327	-	10.2	20	92	0
Acenaphthene	1.263	1.125	-	10.9	20	93	0
2,4-Dinitrophenol	5	4.94	-	1.2	20	105	0
Dibenzofuran	2.011	1.826	-	9.2	20	98	0
2,4-Dinitrotoluene	5	4.541	-	9.2	20	104	0
4-Nitrophenol	0.248	0.25	-	-0.8	20	109	0
2,3,5,6-Tetrachlorophenol	0.355	0.389	-	-9.6	20	115	0
2,3,4,6-Tetrachlorophenol	0.368	0.391	-	-6.3	20	114	0
Diethyl phthalate	1.455	1.398	-	3.9	20	102	0
Fluorene	1.501	1.392	-	7.3	20	97	0
4-Chlorophenyl phenyl ethe	0.7	0.678	-	3.1	20	103	0
4-Nitroaniline	0.369	0.326	-	11.7	20	92	0
4,6-Dinitro-o-cresol	5	4.944	-	1.1	20	107	0
NDPA/DPA	1.214	1.182	-	2.6	20	101	0
Azobenzene	1.334	1.374	-	-3	20	105	0
2,4,6-Tribromophenol	5	4.824	-	3.5	20	110	0
4-Bromophenyl phenyl ether	0.395	0.4	-	-1.3	20	111	0
Hexachlorobenzene	0.474	0.469	-	1.1	20	106	0
Pentachlorophenol	5	4.926	-	1.5	20	112	0
IS1_Phenanthrene-d10	1	1	-	0	20	97	0
Phenanthrene	1.153	1.18	-	-2.3	20	102	0
Anthracene	1.133	1.201	-	-6	20	102	0
Carbazole	1.015	1.075	-	-5.9	20	99	0
Di-n-butylphthalate	1.219	1.127	-	7.5	20	100	0
Fluoranthene	1.179	1.279	-	-8.5	20	107	0
Benzidine	5	4.669	-	6.6	20	98	0
Pyrene	1.249	1.37	-	-9.7	20	107	0
4-Terphenyl-d14	0.808	0.867	-	-7.3	20	107	0
Butyl benzyl phthalate	5	4.836	-	3.3	20	105	0
IS1_Chrysene-d12	1	1	-	0	20	108	0
Benzo(a)anthracene	1.26	1.27	-	-0.8	20	110	0
3,3'-Dichlorobenzidine	0.487	0.492	-	-1	20	114	0
Chrysene	1.353	1.339	-	1	20	109	0
Bis(2-ethylhexyl)phthalate	5	4.157	-	16.9	20	107	0
Di-n-octylphthalate	5	4.553	-	8.9	20	112	0
Benzo(b)fluoranthene	1.303	1.409	-	-8.1	20	116	0
Benzo(k)fluoranthene	1.279	1.43	-	-11.8	20	115	0
Benzo(a)pyrene	1.217	1.385	-	-13.8	20	120	0
IS1_Perylene-d12	1	1	-	0	20	114	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L1928159	
Project Name	: PISTOIA TIRE CO. INC		**Project Number**	: 0064-3	
Instrument ID	: SV106		**Calibration Date**	: 06/29/19 20:12	
Lab File ID	: ABN0629		**Init. Calib. Date(s)**	: 04/29/19	04/30/19
Sample No	: WG1254918-3		**Init. Calib. Times**	: 20:32	10:22
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.128	1.12	-	0.7	20	113	0
Dibenzo(a,h)anthracene	1.144	1.172	-	-2.4	20	116	0
Benzo(ghi)perylene	1.184	1.277	-	-7.9	20	124	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L1928159	
Project Name	: PISTOIA TIRE CO. INC		**Project Number**	: 0064-3	
Instrument ID	: SV106		**Calibration Date**	: 06/29/19 20:47	
Lab File ID	: ADP0629		**Init. Calib. Date(s)**	: 04/29/19	04/30/19
Sample No	: WG1254918-5		**Init. Calib. Times**	: 20:32	10:22
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	97	0
n-Decane	0.752	0.949	-	-26.2*	20	128	0
IS3_Acenaphthene-d10	1	1	-	0	20	103	0
Atrazine	0.25	0.264	-	-5.6	20	109	0
IS3_Phenanthrene-d10	1	1	-	0	20	92	0
n-Octadecane	0.337	0.465	-	-38*	20	127	0
Parathion	5	5.707	-	-14.1	20	122	0
3,3'-Dimethylbenzidine	5	5.381	-	-7.6	20	112	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L1928159	
Project Name	: PISTOIA TIRE CO. INC		**Project Number**	: 0064-3	
Instrument ID	: SV106		**Calibration Date**	: 06/29/19 21:13	
Lab File ID	: AP9P0629		**Init. Calib. Date(s)**	: 04/29/19	04/30/19
Sample No	: WG1254918-4		**Init. Calib. Times**	: 20:32	10:22
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	111	0
Benzaldehyde	0.652	0.605	-	7.2	20	108	0
Acetophenone	1.153	1.089	-	5.6	20	109	0
m-Toluidine	1.062	0.996	-	6.2	20	107	0
2-Chloroaniline	1.093	1.04	-	4.8	20	105	0
IS2_Naphthalene-d8	1	1	-	0	20	106	0
a-Terpineol	0.213	0.255	-	-19.7	20	135	0
3-Chloroaniline	0.123	0.125	-	-1.6	20	114	0
2,6-Dichlorophenol	0.268	0.274	-	-2.2	20	115	0
1-chloro-2-nitrobenzene	0.124	0.129	-	-4	20	116	0
Caprolactam	5	5.805	-	-16.1	20	152	0
1,2,4,5-Tetrachlorobenzene	0.306	0.339	-	-10.8	20	123	0
Biphenyl	0.814	0.82	-	-0.7	20	112	0
IS2_Acenaphthene-d10	1	1	-	0	20	128	0
Dichloran	5	4.834	-	3.3	20	144	0
Pentachloronitrobenzene	5	5.275	-	-5.5	20	151	0
IS2_Phenanthrene-d10	1	1	-	0	20	128	0
Diphenamid	0.447	0.461	-	-3.1	20	145	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159		
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3		
Instrument ID	: SV106	**Calibration Date**	: 06/30/19 15:49		
Lab File ID	: ABN0630	**Init. Calib. Date(s)**	: 04/29/19	04/30/19	
Sample No	: WG1255040-3	**Init. Calib. Times**	: 20:32	10:22	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	4	4	-	0	20	88	0
n-Nitrosodimethylamine	0.442	0.576	-	-30.3*	20	112	0
Pyridine	0.755	0.98	-	-29.8*	20	108	0
2-Fluorophenol	0.741	0.828	-	-11.7	20	98	0
Aniline	1.103	1.087	-	1.5	20	85	0
2-Chlorophenol	0.835	0.881	-	-5.5	20	92	0
Phenol-d6	0.882	0.861	-	2.4	20	87	0
Phenol	0.912	0.913	-	-0.1	20	87	0
Bis(2-chloroethyl)ether	0.768	0.719	-	6.4	20	85	0
1,3-Dichlorobenzene	0.987	0.968	-	1.9	20	89	0
1,4-Dichlorobenzene	0.994	0.992	-	0.2	20	89	0
1,2-Dichlorobenzene	0.958	0.935	-	2.4	20	88	0
Benzyl alcohol	0.559	0.565	-	-1.1	20	90	0
Bis(2-chloroisopropyl)ethe	1.122	1.22	-	-8.7	20	98	0
2-Methylphenol	0.7	0.689	-	1.6	20	86	0
Hexachloroethane	0.36	0.367	-	-1.9	20	91	0
n-Nitrosodi-n-propylamine	0.482	0.507	-	-5.2	20	93	0
3-Methylphenol/4-Methylphe	0.735	0.713	-	3	20	84	0
Nitrobenzene-d5	0.753	0.778	-	-3.3	20	91	0
Nitrobenzene	0.775	0.767	-	1	20	87	0
Isophorone	1.328	1.291	-	2.8	20	89	0
2-Nitrophenol	0.396	0.416	-	-5.1	20	96	0
2,4-Dimethylphenol	0.742	0.75	-	-1.1	20	88	0
Bis(2-chloroethoxy)methane	0.941	0.889	-	5.5	20	86	0
2,4-Dichlorophenol	0.697	0.715	-	-2.6	20	91	0
1,2,4-Trichlorobenzene	0.813	0.846	-	-4.1	20	94	0
IS1_Naphthalene-d8	1	1	-	0	20	84	0
Naphthalene	1.072	1.055	-	1.6	20	86	0
Benzoic Acid	5	5.161	-	-3.2	20	94	0
4-Chloroaniline	0.108	0.115	-	-6.5	20	91	0
Hexachlorobutadiene	0.174	0.202	-	-16.1	20	102	0
p-Chloro-m-cresol	0.252	0.271	-	-7.5	20	93	0
2-Methylnaphthalene	0.698	0.695	-	0.4	20	86	0
1-Methylnaphthalene	0.228	0.225	-	1.3	20	87	0
Hexachlorocyclopentadiene	0.217	0.259	-	-19.4	20	102	0
2,4,6-Trichlorophenol	0.199	0.22	-	-10.6	20	98	0
2,4,5-Trichlorophenol	0.21	0.246	-	-17.1	20	103	0
2-Fluorobiphenyl	0.754	0.795	-	-5.4	20	92	0
2-Chloronaphthalene	0.658	0.698	-	-6.1	20	91	0
2-Nitroaniline	5	4.989	-	0.2	20	94	0
1,4-Dinitrobenzene	5	5.292	-	-5.8	20	97	0
1,3-Dinitrobenzene	5	5.148	-	-3	20	94	0
Dimethyl phthalate	0.712	0.785	-	-10.3	20	96	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159		
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3		
Instrument ID	: SV106	**Calibration Date**	: 06/30/19 15:49		
Lab File ID	: ABN0630	**Init. Calib. Date(s)**	: 04/29/19	04/30/19	
Sample No	: WG1255040-3	**Init. Calib. Times**	: 20:32	10:22	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.006	1.079	-	-7.3	20	91	0
2,6-Dinitrotoluene	5	5.133	-	-2.7	20	94	0
1,2-Dinitrobenzene	0.067	0.07	-	-4.5	20	92	0
IS1_Acenaphthene-d10	1	1	-	0	20	96	0
3-Nitroaniline	0.364	0.336	-	7.7	20	88	0
Acenaphthene	1.263	1.168	-	7.5	20	90	0
2,4-Dinitrophenol	5	5.596	-	-11.9	20	117	0
Dibenzofuran	2.011	1.895	-	5.8	20	94	0
2,4-Dinitrotoluene	5	4.777	-	4.5	20	102	0
4-Nitrophenol	0.248	0.247	-	0.4	20	100	0
2,3,5,6-Tetrachlorophenol	0.355	0.392	-	-10.4	20	108	0
2,3,4,6-Tetrachlorophenol	0.368	0.405	-	-10.1	20	109	0
Diethyl phthalate	1.455	1.478	-	-1.6	20	100	0
Fluorene	1.501	1.454	-	3.1	20	94	0
4-Chlorophenyl phenyl ethe	0.7	0.709	-	-1.3	20	100	0
4-Nitroaniline	0.369	0.331	-	10.3	20	86	0
4,6-Dinitro-o-cresol	5	5.336	-	-6.7	20	109	0
NDPA/DPA	1.214	1.222	-	-0.7	20	97	0
Azobenzene	1.334	1.192	-	10.6	20	85	0
2,4,6-Tribromophenol	5	5.24	-	-4.8	20	112	0
4-Bromophenyl phenyl ether	0.395	0.43	-	-8.9	20	111	0
Hexachlorobenzene	0.474	0.508	-	-7.2	20	107	0
Pentachlorophenol	5	5.201	-	-4	20	111	0
IS1_Phenanthrene-d10	1	1	-	0	20	93	0
Phenanthrene	1.153	1.167	-	-1.2	20	97	0
Anthracene	1.133	1.214	-	-7.1	20	100	0
Carbazole	1.015	1.067	-	-5.1	20	95	0
Di-n-butylphthalate	1.219	1.178	-	3.4	20	101	0
Fluoranthene	1.179	1.296	-	-9.9	20	104	0
Benzidine	5	4.885	-	2.3	20	100	0
Pyrene	1.249	1.366	-	-9.4	20	102	0
4-Terphenyl-d14	0.808	0.868	-	-7.4	20	103	0
Butyl benzyl phthalate	5	4.936	-	1.3	20	103	0
IS1_Chrysene-d12	1	1	-	0	20	100	0
Benzo(a)anthracene	1.26	1.279	-	-1.5	20	103	0
3,3'-Dichlorobenzidine	0.487	0.492	-	-1	20	106	0
Chrysene	1.353	1.35	-	0.2	20	102	0
Bis(2-ethylhexyl)phthalate	5	4.303	-	13.9	20	103	0
Di-n-octylphthalate	5	4.716	-	5.7	20	109	0
Benzo(b)fluoranthene	1.303	1.376	-	-5.6	20	106	0
Benzo(k)fluoranthene	1.279	1.397	-	-9.2	20	104	0
Benzo(a)pyrene	1.217	1.344	-	-10.4	20	108	0
IS1_Perylene-d12	1	1	-	0	20	102	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L1928159	
Project Name	: PISTOIA TIRE CO. INC		**Project Number**	: 0064-3	
Instrument ID	: SV106		**Calibration Date**	: 06/30/19 15:49	
Lab File ID	: ABN0630		**Init. Calib. Date(s)**	: 04/29/19	04/30/19
Sample No	: WG1255040-3		**Init. Calib. Times**	: 20:32	10:22
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.128	1.089	-	3.5	20	98	0
Dibenzo(a,h)anthracene	1.144	1.155	-	-1	20	102	0
Benzo(ghi)perylene	1.184	1.248	-	-5.4	20	109	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L1928159	
Project Name	: PISTOIA TIRE CO. INC		**Project Number**	: 0064-3	
Instrument ID	: SV106		**Calibration Date**	: 06/30/19 16:15	
Lab File ID	: AP90630		**Init. Calib. Date(s)**	: 04/29/19	04/30/19
Sample No	: WG1255040-4		**Init. Calib. Times**	: 20:32	10:22
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	93	0
Benzaldehyde	0.652	0.593	-	9	20	88	0
Acetophenone	1.153	1.032	-	10.5	20	86	0
m-Toluidine	1.062	0.982	-	7.5	20	87	0
2-Chloroaniline	1.093	1.025	-	6.2	20	86	0
IS2_Naphthalene-d8	1	1	-	0	20	84	0
a-Terpineol	0.213	0.25	-	-17.4	20	105	0
3-Chloroaniline	0.123	0.125	-	-1.6	20	90	0
2,6-Dichlorophenol	0.268	0.27	-	-0.7	20	90	0
1-chloro-2-nitrobenzene	0.124	0.128	-	-3.2	20	91	0
Caprolactam	5	5.335	-	-6.7	20	109	0
1,2,4,5-Tetrachlorobenzene	0.306	0.342	-	-11.8	20	98	0
Biphenyl	0.814	0.789	-	3.1	20	85	0
IS2_Acenaphthene-d10	1	1	-	0	20	97	0
Dichloran	5	4.585	-	8.3	20	102	0
Pentachloronitrobenzene	5	4.769	-	4.6	20	102	0
IS2_Phenanthrene-d10	1	1	-	0	20	91	0
Diphenamid	0.447	0.407	-	8.9	20	91	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L1928159	
Project Name	: PISTOIA TIRE CO. INC		**Project Number**	: 0064-3	
Instrument ID	: SV106		**Calibration Date**	: 06/30/19 16:41	
Lab File ID	: ADP0630		**Init. Calib. Date(s)**	: 04/29/19	04/30/19
Sample No	: WG1255040-5		**Init. Calib. Times**	: 20:32	10:22
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	87	0
n-Decane	0.752	0.92	-	-22.3*	20	111	0
IS3_Acenaphthene-d10	1	1	-	0	20	91	0
Atrazine	0.25	0.269	-	-7.6	20	97	0
IS3_Phenanthrene-d10	1	1	-	0	20	83	0
n-Octadecane	0.337	0.434	-	-28.8*	20	107	0
Parathion	5	5.641	-	-12.8	20	109	0
3,3'-Dimethylbenzidine	5	5.486	-	-9.7	20	104	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Lisko Environmental, LLC
Project Name: PISTOIA TIRE CO. INC

Lab Number: L1928159
Project Number: 0064-3
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (NBZ)	S2 (FBP)	S3 (TPH)	S4 ()	S5 ()	S6 ()	TOT OUT
MW-1 (L1928159-01)	59	69	76	--	--	--	0
MW-2 (L1928159-02)	70	75	88	--	--	--	0
MW-3 (L1928159-03)	58	62	75	--	--	--	0
MW-4 (L1928159-04)	69	75	90	--	--	--	0
WG1254184-1BLANK	53	58	81	--	--	--	0
WG1254184-2LCS	102	79	88	--	--	--	0
WG1254184-3LCSD	103	84	86	--	--	--	0

QC LIMITS

(30-130) NBZ = NITROBENZENE-D5
(30-130) FBP = 2-FLUOROBIPHENYL
(30-130) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NJ-BNEXT-LVI

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Matrix	: WATER		
LCS Sample ID	: WG1254184-2 **Analysis Date** : 06/28/19 15:57	**File ID**	: 254184-2
LCSD Sample ID	: WG1254184-3 **Analysis Date** : 06/28/19 16:25	**File ID**	: 254184-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	18	15	80	18	15	84	5	70-130	20
Bis(2-chloroethyl)ether	18	16	90	18	17	92	2	70-130	20
2-Chloronaphthalene	18	15	83	18	16	88	6	70-130	20
2,4-Dinitrotoluene	18	18	98	18	17	96	2	70-130	20
2,6-Dinitrotoluene	18	18	98	18	19	102	4	70-130	20
Fluoranthene	18	18	97	18	17	95	2	70-130	20
4-Chlorophenyl phenyl ether	18	15	81	18	15	83	2	70-130	20
Bis(2-chloroisopropyl)ether	18	14	75	18	14	76	1	70-130	20
Bis(2-chloroethoxy)methane	18	18	101	18	18	101	0	70-130	20
Hexachlorocyclopentadiene	18	11	63	18	12	67	6	20-160	20
Hexachloroethane	18	14	77	18	14	77	0	20-160	20
Isophorone	18	19	103	18	20	108	5	70-130	20
Naphthalene	18	15	82	18	16	85	4	70-130	20
Nitrobenzene	18	18	98	18	18	98	0	70-130	20
NDPA/DPA	18	16	90	18	16	91	1	70-130	20
n-Nitrosodi-n-propylamine	18	19	107	18	20	109	2	70-130	20
Bis(2-ethylhexyl)phthalate	18	20	108	18	18	101	7	70-130	20
Butyl benzyl phthalate	18	20	112	18	19	107	5	70-130	20
Di-n-butylphthalate	18	18	98	18	18	98	0	70-130	20
Di-n-octylphthalate	18	22	119	18	21	115	3	70-130	20
Diethyl phthalate	18	18	100	18	18	99	1	70-130	20
Dimethyl phthalate	18	21	114	18	22	119	4	70-130	20
Chrysene	18	15	84	18	16	86	2	70-130	20
Acenaphthylene	18	17	96	18	18	101	5	70-130	20
Anthracene	18	17	94	18	18	97	3	70-130	20
Benzo(ghi)perylene	18	17	95	18	18	98	3	70-130	20

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Matrix	: WATER		
LCS Sample ID	: WG1254184-2 **Analysis Date** : 06/28/19 15:57	**File ID**	: 254184-2
LCSD Sample ID	: WG1254184-3 **Analysis Date** : 06/28/19 16:25	**File ID**	: 254184-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Fluorene	18	16	86	18	16	87	1	70-130	20
Phenanthrene	18	16	86	18	16	87	1	70-130	20
Pyrene	18	17	94	18	17	93	1	70-130	20
4-Chloroaniline	18	11	60	18	10	58	3	20-160	20
2-Nitroaniline	18	17	95	18	18	99	4	70-130	20
3-Nitroaniline	18	13	72	18	13	71	1	70-130	20
4-Nitroaniline	18	16	85	18	16	86	1	70-130	20
Dibenzofuran	18	15	82	18	15	84	2	70-130	20
2-Methylnaphthalene	18	15	83	18	16	87	5	70-130	20
Carbazole	18	17	95	18	18	97	2	70-130	20
4-Bromophenyl phenyl ether	18	13	73	18	14	77	5	70-130	20
3,3'-Dichlorobenzidine	18	15	82	18	16	87	6	70-130	20
Benzaldehyde	18	17	92	18	16	91	1	20-160	20
Acetophenone	18	17	92	18	18	97	5	70-130	20
Caprolactam	18	9.7	54	18	9.9	55	2	20-160	20
Biphenyl	18	16	85	18	16	90	6	70-130	20
1,2,4,5-Tetrachlorobenzene	18	13	72	18	14	75	4	70-130	20
Atrazine	18	22	120	18	21	117	3	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV107	**Analysis Date**	: 06/28/19 08:51
Sample No	: WG1254421-3	**Lab File ID**	: ABN0628B

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1254421-3	171334	6.41	422980	7.83	226078	9.59
Upper Limit	342668	6.91	845960	8.33	452156	10.09
Lower Limit	85667	5.91	211490	7.33	113039	9.09
Sample ID						
WG1254421-4 CCAL	169626	6.41	451931	7.83	231588	9.59
WG1254421-5 CCAL	146481	6.41	-	-	200028	9.59
WG1254184-2 LCS	132726	6.41	346830	7.83	187240	9.59
WG1254184-3 LCSD	137208	6.41	349291	7.83	193843	9.59

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV107	**Analysis Date**	: 06/28/19 08:51
Sample No	: WG1254421-3	**Lab File ID**	: ABN0628B

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1254421-3	378331	11.02	357712	13.63	353933	15.08
Upper Limit	756662	11.52	715424	14.13	707866	15.58
Lower Limit	189166	10.52	178856	13.13	176967	14.58
Sample ID						
WG1254421-4 CCAL	437398	11.02	-	-	-	-
WG1254421-5 CCAL	421941	11.02	-	-	-	-
WG1254184-2 LCS	323604	11.02	273092	13.63	265018	15.08
WG1254184-3 LCSD	327084	11.02	265762	13.63	255193	15.08

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV106	**Analysis Date**	: 06/29/19 20:12
Sample No	: WG1254918-3	**Lab File ID**	: ABN0629

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1254918-3	22580	5.35	50762	6.97	26471	8.75
Upper Limit	45160	5.85	101524	7.47	52942	9.25
Lower Limit	11290	4.85	25381	6.47	13236	8.25
Sample ID						
WG1254918-5 CCAL	22771	5.35	-	-	27737	8.75
WG1254918-4 CCAL	25078	5.35	63393	6.97	34004	8.75
MW-1	25043	5.35	60287	6.97	31924	8.75
MW-2	21084	5.35	52515	6.97	29366	8.75
MW-3	21660	5.35	52797	6.97	29185	8.75
MW-4	22840	5.35	54398	6.97	30034	8.75

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV106	**Analysis Date**	: 06/29/19 20:12
Sample No	: WG1254918-3	**Lab File ID**	: ABN0629

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1254918-3	47531	10.16	45610	12.70	53503	14.08
Upper Limit	95062	10.66	91220	13.20	107006	14.58
Lower Limit	23766	9.66	22805	12.20	26752	13.58
Sample ID						
WG1254918-5 CCAL	51369	10.16	-	-	-	-
WG1254918-4 CCAL	67412	10.16	-	-	-	-
MW-1	61875	10.16	59207	12.70	67883	14.07
MW-2	56862	10.16	54233	12.70	57690	14.07
MW-3	57175	10.16	55524	12.69	61667	14.07
MW-4	58167	10.16	56817	12.69	63662	14.07

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV106	**Analysis Date**	: 06/30/19 15:49
Sample No	: WG1255040-3	**Lab File ID**	: ABN0630

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1255040-3	20109	5.35	46692	6.97	24601	8.75
Upper Limit	40218	5.85	93384	7.47	49202	9.25
Lower Limit	10055	4.85	23346	6.47	12301	8.25
Sample ID						
WG1255040-4 CCAL	20840	5.35	50192	6.97	25669	8.75
WG1255040-5 CCAL	20420	5.35	-	-	24374	8.75
WG1254184-1 BLANK	21184	5.35	50534	6.97	26877	8.75

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV106	**Analysis Date**	: 06/30/19 15:49
Sample No	: WG1255040-3	**Lab File ID**	: ABN0630

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1255040-3	45762	10.16	42379	12.70	47916	14.07
Upper Limit	91524	10.66	84758	13.20	95832	14.57
Lower Limit	22881	9.66	21190	12.20	23958	13.57
Sample ID						
WG1255040-4 CCAL	47847	10.16	-	-	-	-
WG1255040-5 CCAL	46511	10.16	-	-	-	-
WG1254184-1 BLANK	50831	10.16	44871	12.70	51230	14.08

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : 11928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 30 13:48:06 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\190629LVI\ABN0629.D
: 2 - I:\8270\SV106\190629LVI\ADP0629.D
: 3 - I:\8270\SV106\190629LVI\AP9P0629.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.345	150	25043	4.000	ug/ml		0.00
Standard Area 1 = 24422			Recovery = 102.54%				
27) IS2_1,4-Dichlorobenzen...	5.345	150	25043	4.000	ug/ml		0.00
Standard Area 3 = 25078			Recovery = 99.86%				
34) IS1_Naphthalene-d8	6.969	136	60287	4.000	ug/ml		0.00
Standard Area 1 = 50762			Recovery = 118.76%				
54) IS2_Naphthalene-d8	6.969	136	60287	4.000	ug/ml		0.00
Standard Area 3 = 63393			Recovery = 95.10%				
62) IS1_Acenaphthene-d10	8.745	164	31924	4.000	ug/ml		0.00
Standard Area 1 = 26471			Recovery = 120.60%				
85) IS3_Acenaphthene-d10	8.745	164	31924	4.000	ug/ml		0.00
Standard Area 2 = 27737			Recovery = 115.10%				
87) IS1_Phenanthrene-d10	10.163	188	61875	4.000	ug/ml	#	0.00
Standard Area 1 = 47531			Recovery = 130.18%				
103) IS1_Chrysene-d12	12.698	240	59207	4.000	ug/ml	#	0.00
Standard Area 1 = 45610			Recovery = 129.81%				
112) IS1_Perylene-d12	14.074	264	67883	4.000	ug/ml		0.00
Standard Area 1 = 53503			Recovery = 126.88%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.516	112	12252	2.643	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 52.86%				
7) Phenol-d6	4.963	99	11459	2.076	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 41.52%				
19) Nitrobenzene-d5	6.151	82	6993	1.484	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 59.36%				
45) 2-Fluorobiphenyl	8.133	172	19583	1.722	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 68.88%				
78) 2,4,6-Tribromophenol	9.516	330	5597	3.093	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 61.86%				
95) 4-Terphenyl-d14	11.739	244	23775	1.902	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 76.08%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : 11928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 30 13:48:06 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\190629LVI\ABN0629.D
: 2 - I:\8270\SV106\190629LVI\ADP0629.D
: 3 - I:\8270\SV106\190629LVI\AP9P0629.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	6.987	128	12160	0.753	ug/ml	98
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.	d	
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.	d	
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : 11928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 30 13:48:06 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\190629LVI\ABN0629.D
: 2 - I:\8270\SV106\190629LVI\ADP0629.D
: 3 - I:\8270\SV106\190629LVI\AP9P0629.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0		N.D.	
106) Chrysene	0.000		0		N.D.	
107) Bis(2-ethylhexyl)phtha...	0.000		0		N.D.	d
108) Di-n-octylphthalate	0.000		0		N.D.	d
115) Benzo(ghi)perylene	0.000		0		N.D.	

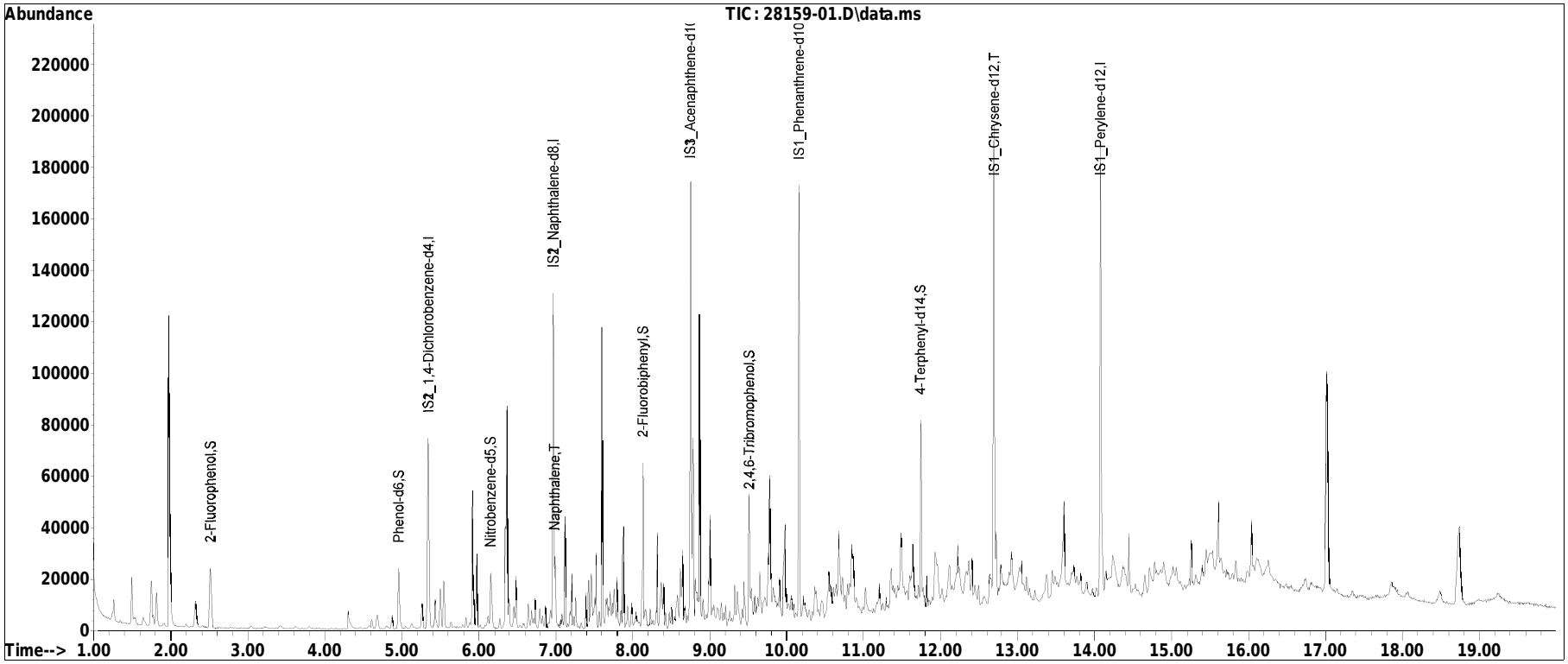
(#) = qualifier out of range (m) = manual integration (+) = signals summed

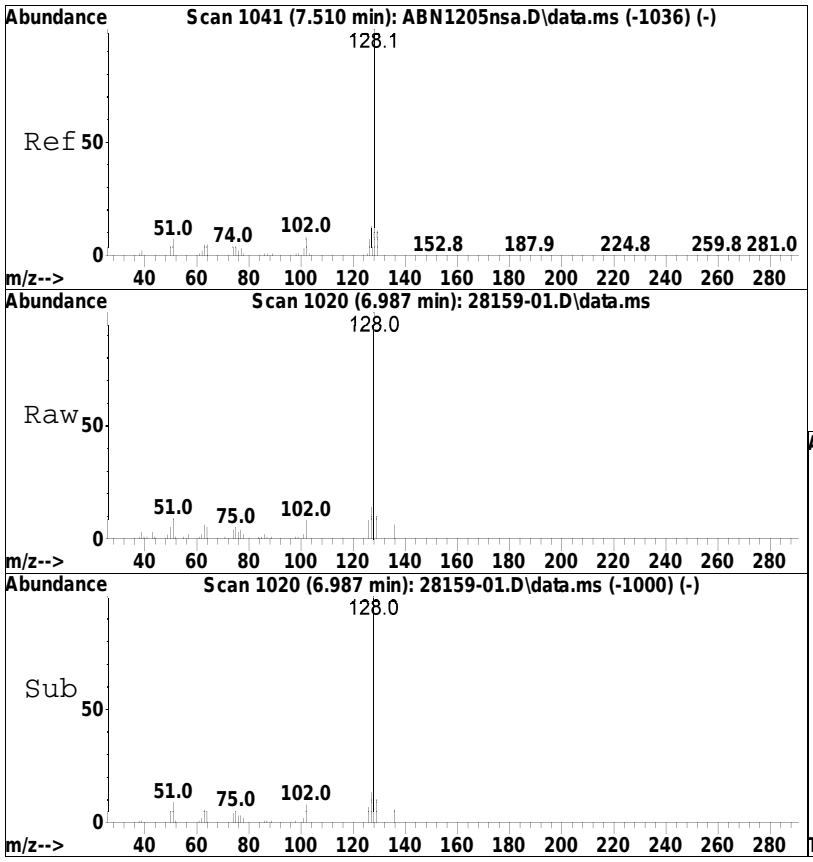
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 30 13:48:06 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional0629.D•

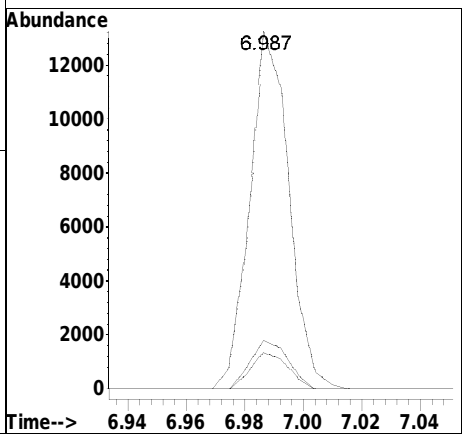




#35
Naphthalene
Concen: 0.75 ug/ml
RT: 6.987 min Scan# 1020
Delta R.T. -0.006 min
Lab File: 28159-01.D
Acq: 30 Jun 2019 2:14 am

Tgt Ion:128 Resp: 12160

Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.7	13.1
127	13.2	10.3	15.5



Manual Integration Report

Data Path	: I:\8270\SV106\190629LVI\	QMethod	: FS190429nLVISV106.m
Data File	: 28159-01.D	Operator	: SV106:sz
Date Inj'd	: 6/30/2019 2:14 am	Instrument	: SV 106
Sample	: l1928159-01,32,,nj-bnext,t	Quant Date	: 6/30/2019 1:43 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : 11928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 28159-01.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.263	41	47	52	rVB2	8397	11737	5.75%	0.299%
2	1.493	82	86	90	rBV	18238	19078	9.34%	0.486%
3	1.746	123	129	133	rVV	17327	27110	13.27%	0.691%
4	1.816	137	141	147	rVB	12898	16627	8.14%	0.424%
5	1.969	164	167	182	rBV	120623	170421	83.42%	4.341%
6	2.322	221	227	237	rVB	10400	19934	9.76%	0.508%
7	2.516	255	260	268	rVB	23080	37137	18.18%	0.946%
8	4.298	560	563	577	rBV	7104	17522	8.58%	0.446%
9	4.963	671	676	685	rBV	23251	30704	15.03%	0.782%
10	5.263	722	727	731	rBV	9519	12236	5.99%	0.312%
11	5.345	736	741	749	rBV	73994	93327	45.69%	2.377%
12	5.434	752	756	764	rVV	10951	15434	7.56%	0.393%
13	5.504	764	768	772	rVV	15177	18364	8.99%	0.468%
14	5.545	772	775	780	rVB	18066	22378	10.95%	0.570%
15	5.916	833	838	844	rVV	53139	69671	34.11%	1.775%
16	5.969	844	847	852	rVB	28488	31544	15.44%	0.804%
17	6.151	875	878	885	rVB2	21228	27584	13.50%	0.703%
18	6.345	903	911	912	rBV2	39458	38316	18.76%	0.976%
19	6.363	912	914	918	rVV	86196	86796	42.49%	2.211%
20	6.398	918	920	925	rVV	11470	10985	5.38%	0.280%
21	6.457	925	930	932	rVV2	8353	10884	5.33%	0.277%
22	6.481	932	934	939	rVB	19969	18956	9.28%	0.483%
23	6.969	1014	1017	1019	rVV	129533	120151	58.82%	3.061%
24	6.987	1019	1020	1027	rVV	27382	21062	10.31%	0.537%
25	7.122	1040	1043	1047	rVB	42769	41183	20.16%	1.049%
26	7.210	1055	1058	1060	rVV	20077	18536	9.07%	0.472%
27	7.386	1085	1088	1092	rBV	13309	13280	6.50%	0.338%
28	7.428	1092	1095	1097	rBV	18056	17190	8.41%	0.438%

LSC Area Percent Report

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : 11928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.463	1097	1101	1104	rVV3	19676	23265	11.39%	0.593%
30	7.504	1104	1108	1109	rVV	10597	12510	6.12%	0.319%
31	7.522	1109	1111	1115	rVB	28826	26239	12.84%	0.668%
32	7.598	1121	1124	1128	rBV	115922	112660	55.15%	2.870%
33	7.704	1140	1142	1145	rVV	12284	12048	5.90%	0.307%
34	7.757	1148	1151	1155	rVV2	13243	17806	8.72%	0.454%
35	7.792	1155	1157	1163	rVB	18882	18467	9.04%	0.470%
36	7.881	1169	1172	1175	rVB	38987	33609	16.45%	0.856%
37	8.133	1210	1215	1218	rBV	63442	63808	31.24%	1.625%
38	8.322	1244	1247	1251	rVB	36085	32262	15.79%	0.822%
39	8.375	1251	1256	1258	rBV	16659	23841	11.67%	0.607%
40	8.404	1258	1261	1263	rVB	16251	15648	7.66%	0.399%
41	8.581	1286	1291	1294	rVV	11370	19216	9.41%	0.490%
42	8.616	1294	1297	1299	rVV	21544	24141	11.82%	0.615%
43	8.645	1299	1302	1305	rVV	28426	33088	16.20%	0.843%
44	8.751	1315	1320	1322	rVV	171744	177233	86.76%	4.515%
45	8.775	1322	1324	1328	rVV	71925	71096	34.80%	1.811%
46	8.816	1328	1331	1333	rVV	17627	22006	10.77%	0.561%
47	8.869	1337	1340	1346	rVV	119875	109279	53.49%	2.784%
48	9.004	1355	1363	1366	rVV	41323	62313	30.50%	1.587%
49	9.098	1376	1379	1384	rVV2	5610	10232	5.01%	0.261%
50	9.322	1414	1417	1420	rBV	13693	12133	5.94%	0.309%
51	9.357	1420	1423	1430	rVB	12855	20040	9.81%	0.511%
52	9.445	1435	1438	1446	rVB2	17130	27251	13.34%	0.694%
53	9.510	1446	1449	1452	rBV	51106	50552	24.75%	1.288%
54	9.651	1471	1473	1478	rVB	16114	17352	8.49%	0.442%
55	9.716	1478	1484	1488	rBV5	6428	16260	7.96%	0.414%
56	9.757	1488	1491	1493	rBV	20483	23415	11.46%	0.596%
57	9.780	1493	1495	1497	rVV	49213	42033	20.58%	1.071%
58	9.904	1513	1516	1522	rVB2	14753	19073	9.34%	0.486%
59	9.975	1522	1528	1530	rBV	35522	53494	26.19%	1.363%
60	10.163	1556	1560	1564	rVB	167584	152909	74.85%	3.895%

LSC Area Percent Report

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : 11928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

61	10.369	1592	1595	1597	rBV	11455	13272	6.50%	0.338%
62	10.457	1606	1610	1615	rVB4	6714	14422	7.06%	0.367%
63	10.545	1615	1625	1627	rBV	18218	30687	15.02%	0.782%
64	10.675	1643	1647	1654	rBV	25235	43409	21.25%	1.106%
65	10.727	1654	1656	1660	rVB2	9355	10570	5.17%	0.269%
66	10.792	1664	1667	1669	rBV	9943	11345	5.55%	0.289%
67	10.845	1673	1676	1677	rBV	16768	17320	8.48%	0.441%
68	11.027	1704	1707	1714	rVB2	8882	11981	5.86%	0.305%
69	11.204	1733	1737	1741	rVB	10069	14201	6.95%	0.362%
70	11.363	1757	1764	1766	rBV2	15439	25490	12.48%	0.649%
71	11.486	1781	1785	1790	rVV	22581	35760	17.51%	0.911%
72	11.598	1801	1804	1806	rBV3	9742	12878	6.30%	0.328%
73	11.633	1808	1810	1817	rVV	22025	34295	16.79%	0.874%
74	11.739	1826	1828	1831	rVV	71047	66306	32.46%	1.689%
75	11.927	1856	1860	1864	rBV3	18603	36323	17.78%	0.925%
76	12.110	1885	1891	1895	rBV3	12166	24217	11.85%	0.617%
77	12.221	1901	1910	1912	rBV	17484	30529	14.94%	0.778%
78	12.333	1922	1929	1931	rBV5	8624	18005	8.81%	0.459%
79	12.363	1931	1934	1937	rVV	12357	16489	8.07%	0.420%
80	12.404	1938	1941	1945	rVB3	14628	17848	8.74%	0.455%
81	12.645	1976	1982	1984	rBV4	11885	23997	11.75%	0.611%
82	12.698	1987	1991	1994	rBV	179719	183970	90.06%	4.687%
83	12.721	1994	1995	1998	rVB	24838	18427	9.02%	0.469%
84	12.786	2003	2006	2012	rBV3	10063	17162	8.40%	0.437%
85	12.910	2025	2027	2037	rVB3	15043	34153	16.72%	0.870%
86	13.121	2060	2063	2068	rVB3	7039	10712	5.24%	0.273%
87	13.380	2102	2107	2111	rVB5	9239	16025	7.84%	0.408%
88	13.451	2115	2119	2122	rBV	10013	14357	7.03%	0.366%
89	13.604	2140	2145	2152	rVB	32054	48088	23.54%	1.225%
90	14.074	2220	2225	2232	rBV	175393	204283	100.00%	5.204%
91	14.145	2234	2237	2241	rBV4	6557	10561	5.17%	0.269%

LSC Area Percent Report

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : 11928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

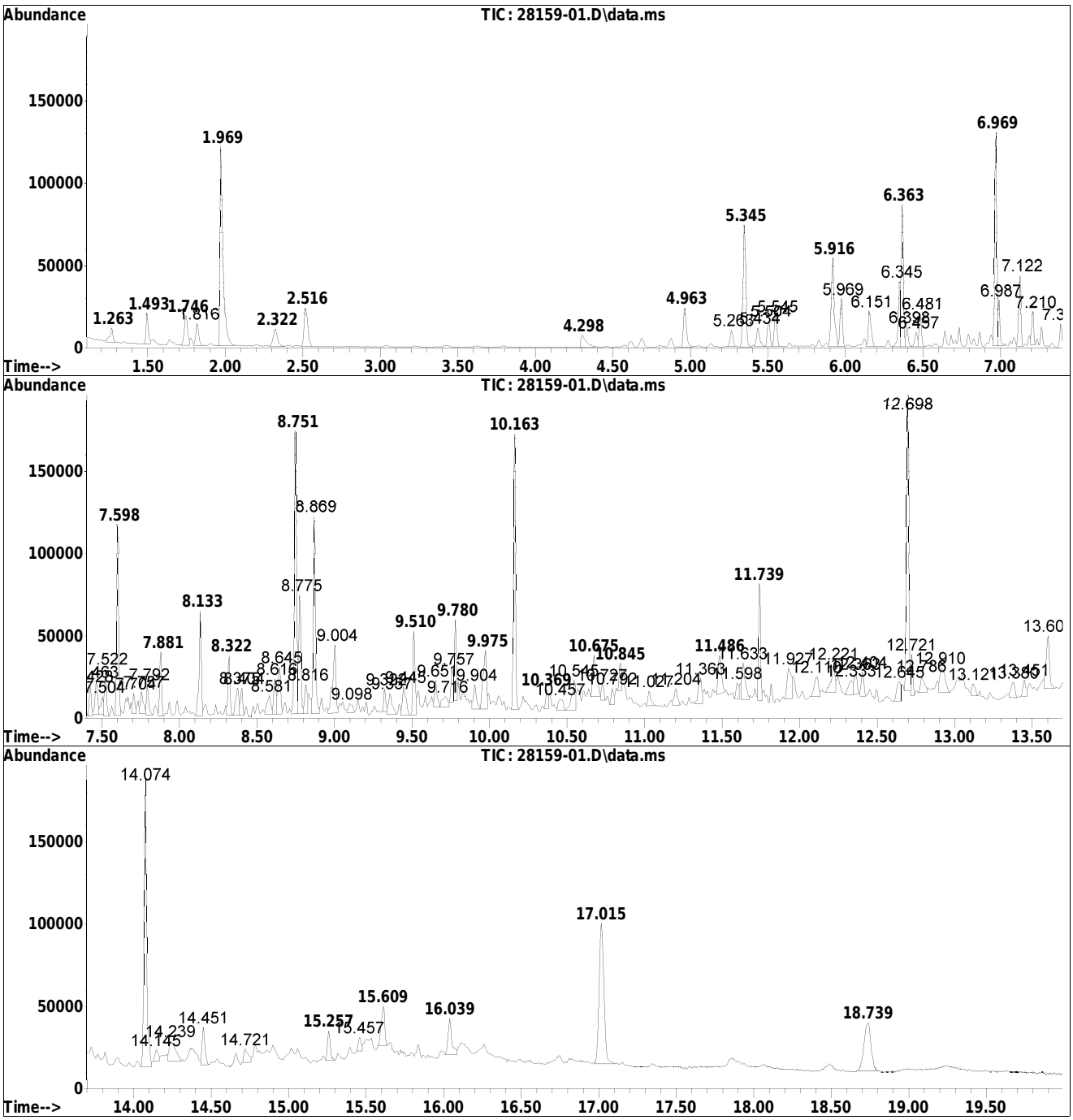
92	14.239	2250	2253	2265	rVB5	12266	34238	16.76%	0.872%
93	14.451	2286	2289	2294	rVB	22690	28966	14.18%	0.738%
94	14.721	2331	2335	2341	rBV4	8151	16966	8.31%	0.432%
95	15.257	2423	2426	2433	rBV	17693	22634	11.08%	0.577%
96	15.457	2457	2460	2463	rBV5	8305	11380	5.57%	0.290%
97	15.609	2481	2486	2490	rVB4	24082	37394	18.30%	0.953%
98	16.039	2554	2559	2567	rBV2	21897	37399	18.31%	0.953%
99	17.015	2718	2725	2740	rVB2	85273	183069	89.62%	4.664%
100	18.739	3007	3018	3030	rVB3	29414	92922	45.49%	2.367%

Sum of corrected areas: 3925476

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



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Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

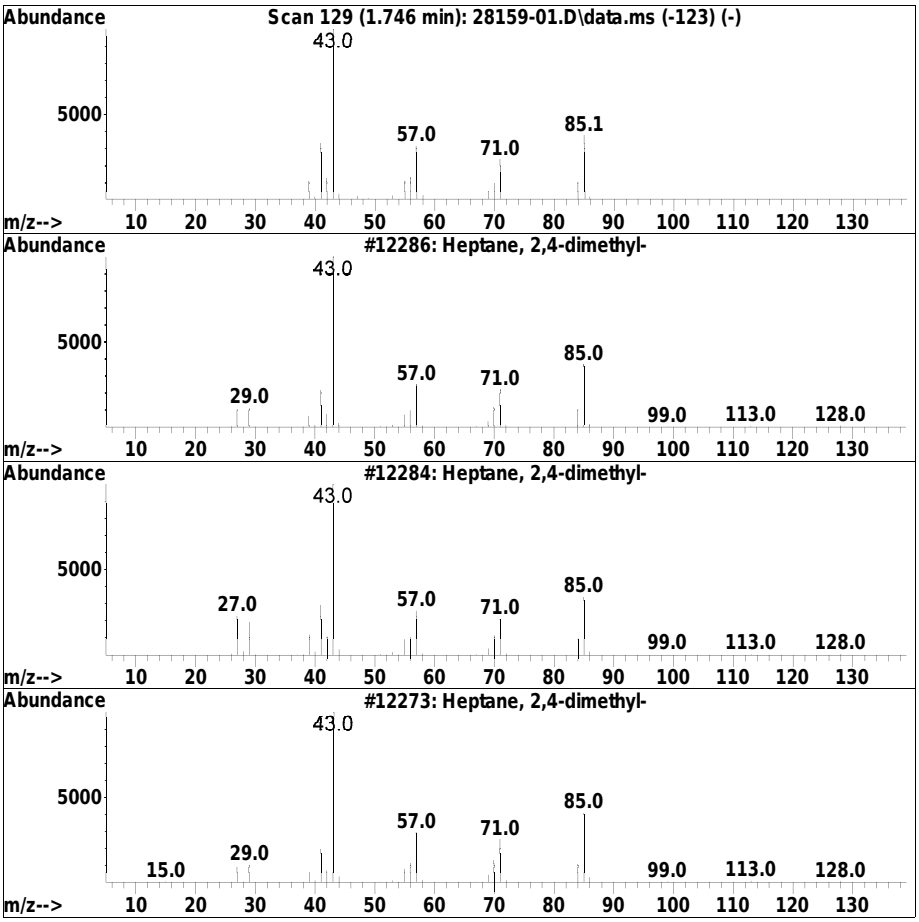
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

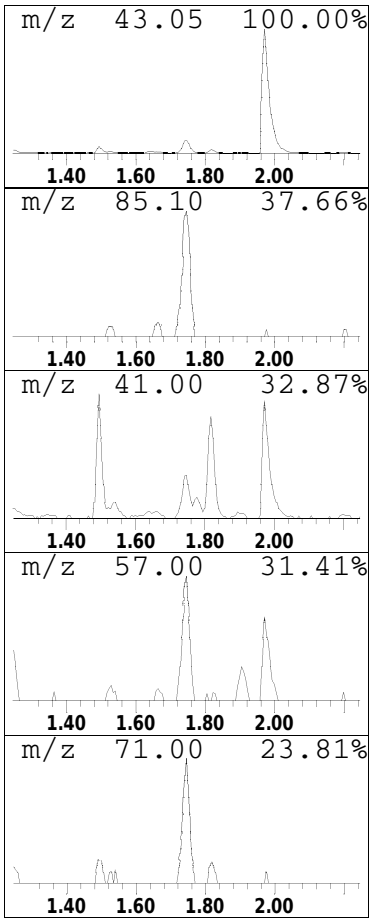
****

Peak Number 1 Unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.746	1.16 ug/ml	27110	IS2_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	83
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	83
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4	Octane	114	C8H18	000111-65-9	72
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	72





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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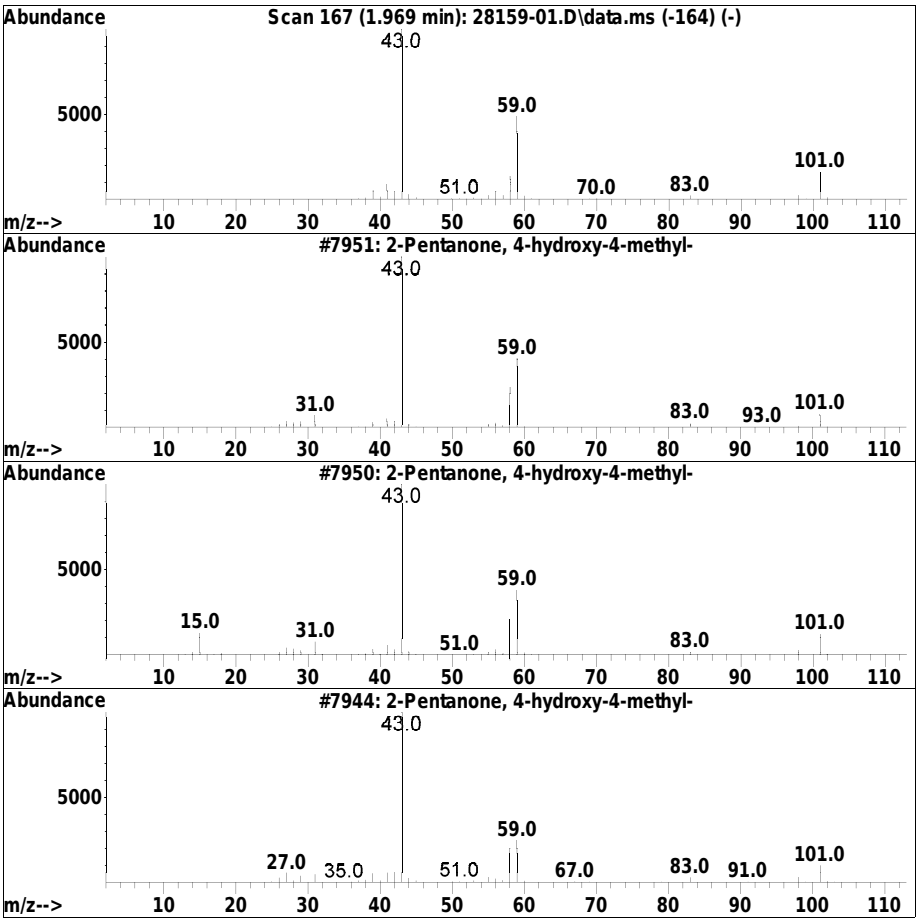
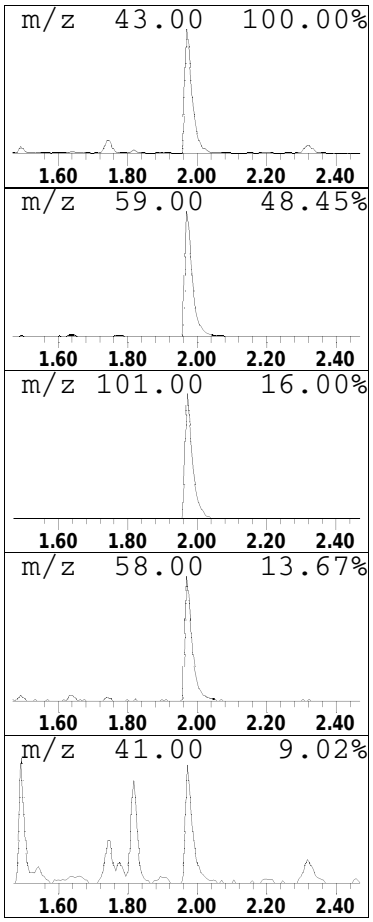
Peak Number 2 Aldol Condensates Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.969	7.30 ug/ml	170421	IS2_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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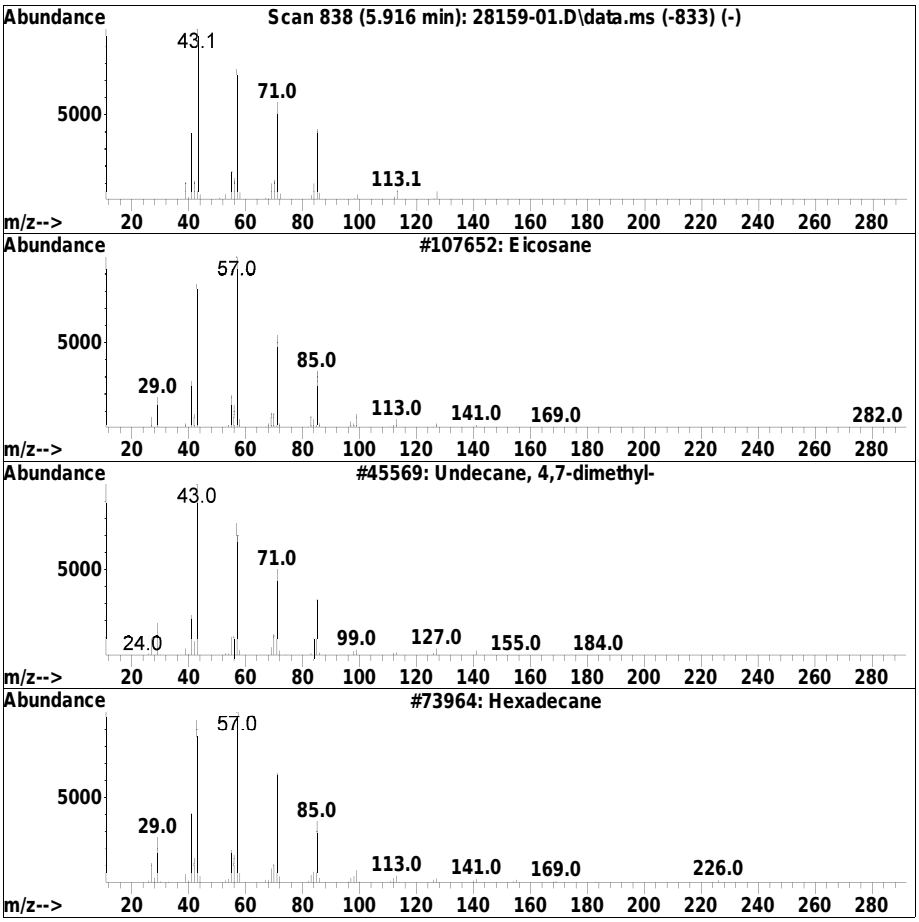
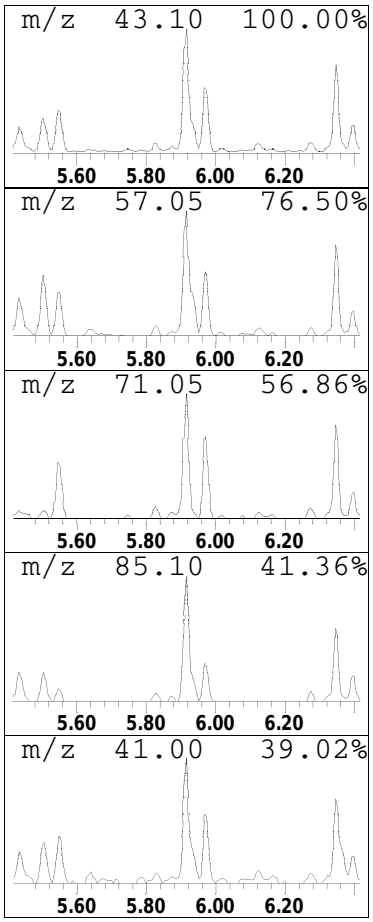
Peak Number 3 Unknown Alkane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.916	2.99 ug/ml	69671	IS3_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	72
2	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	72
3	Hexadecane	226	C16H34	000544-76-3	59
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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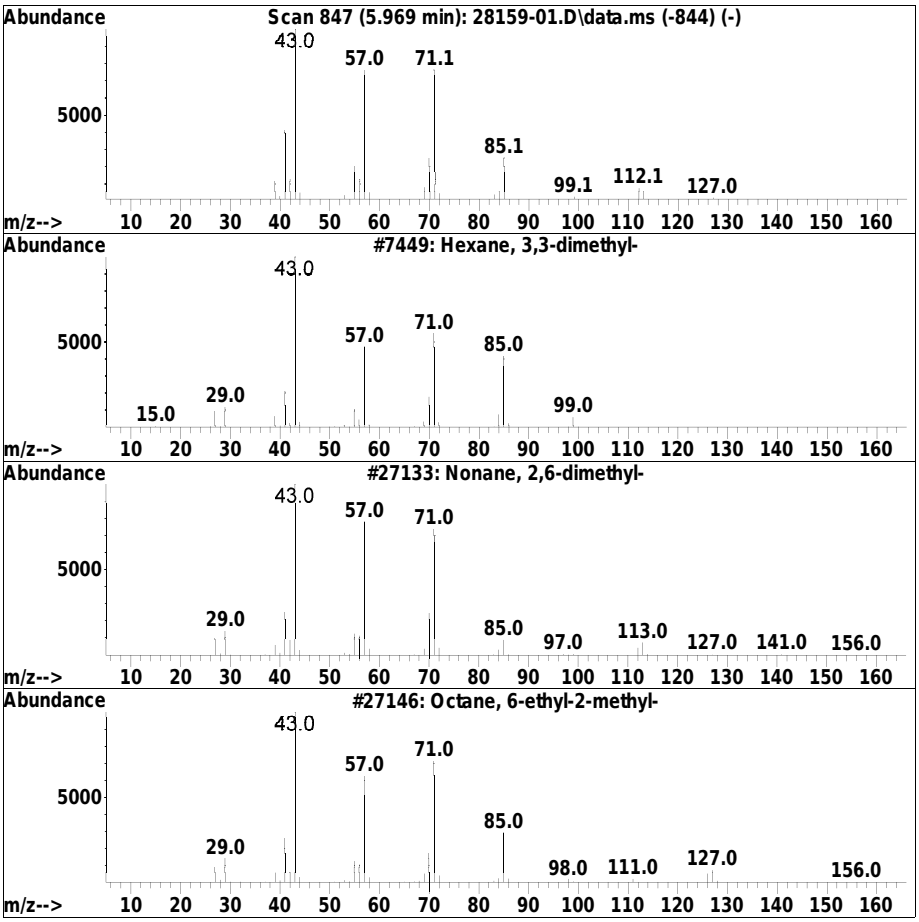
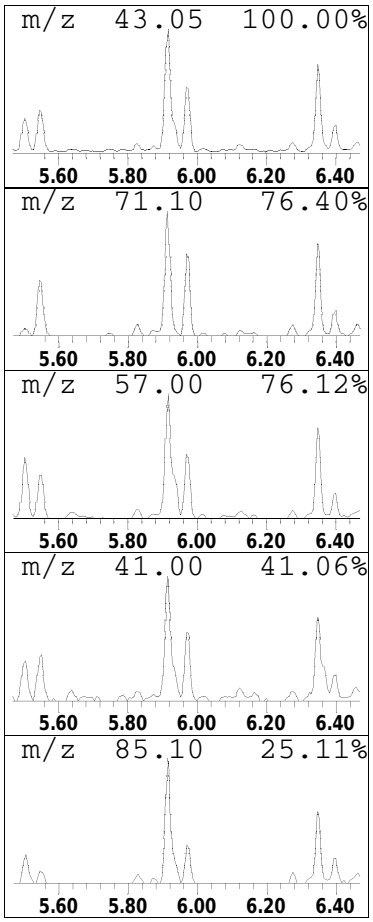
Peak Number 4 Unknown Alkane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.969	1.35 ug/ml	31544	IS3_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	83
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	78
3	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	78
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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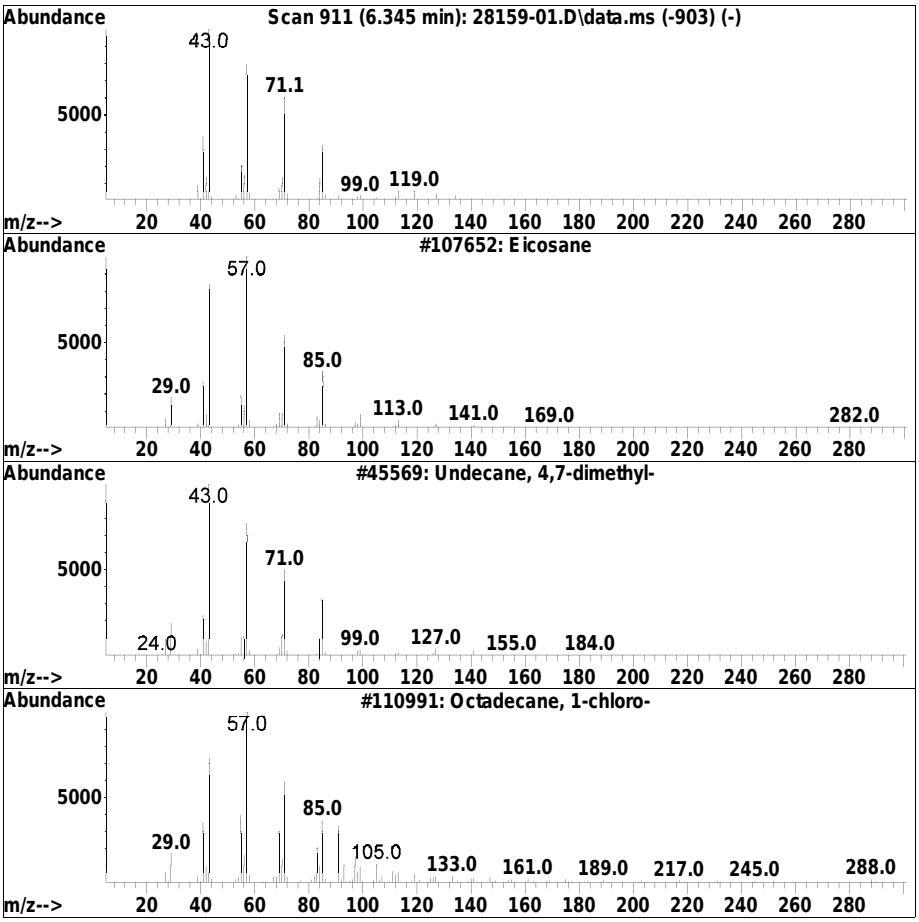
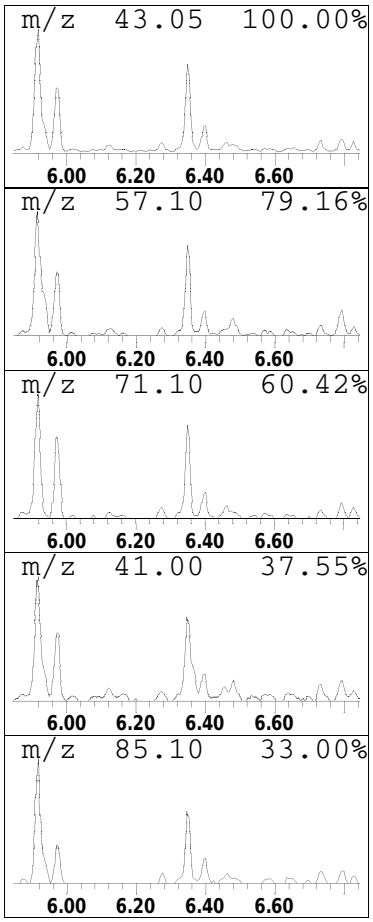
Peak Number 5 Unknown Alkane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.345	1.28 ug/ml	38316	IS1_Naphthalene-d8	6.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	80
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	78
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	72





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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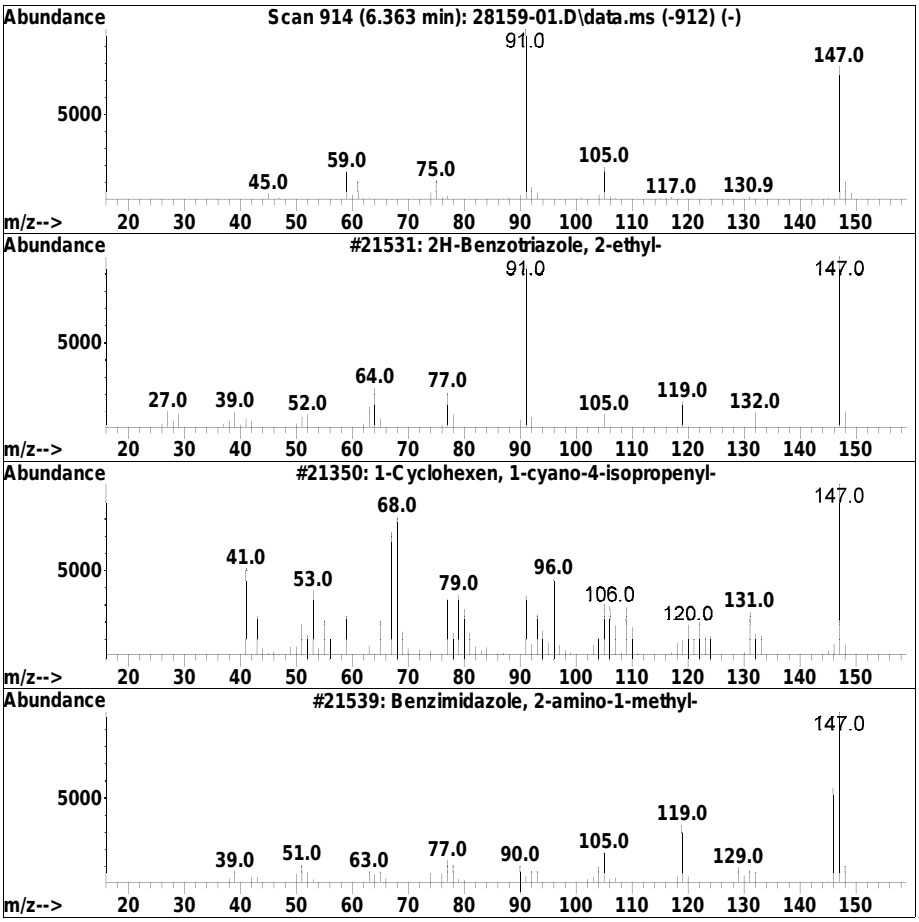
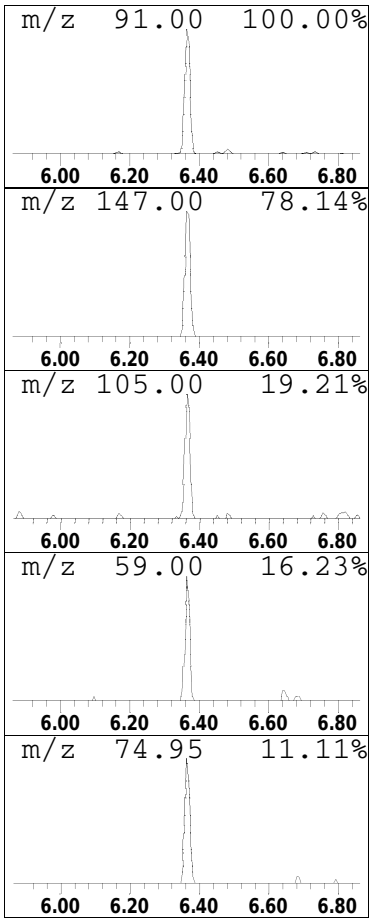
Peak Number 6 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.363	2.89 ug/ml	86796	IS1_Naphthalene-d8	6.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benzotriazole, 2-ethyl-	147	C8H9N3	016584-04-6	53
2	1-Cyclohexen, 1-cyano-4-isoprope...	147	C10H13N	1000126-45-8	47
3	Benzimidazole, 2-amino-1-methyl-	147	C8H9N3	001622-57-7	33
4	Formamide, N,N'-[1,4-phenylenebi...	192	C10H12N2O2	112343-44-9	25
5	2-(5-Methyl-[1,3,4]thiadiazol-2-...	292	C14H16N2OS2	1000296-87-8	25





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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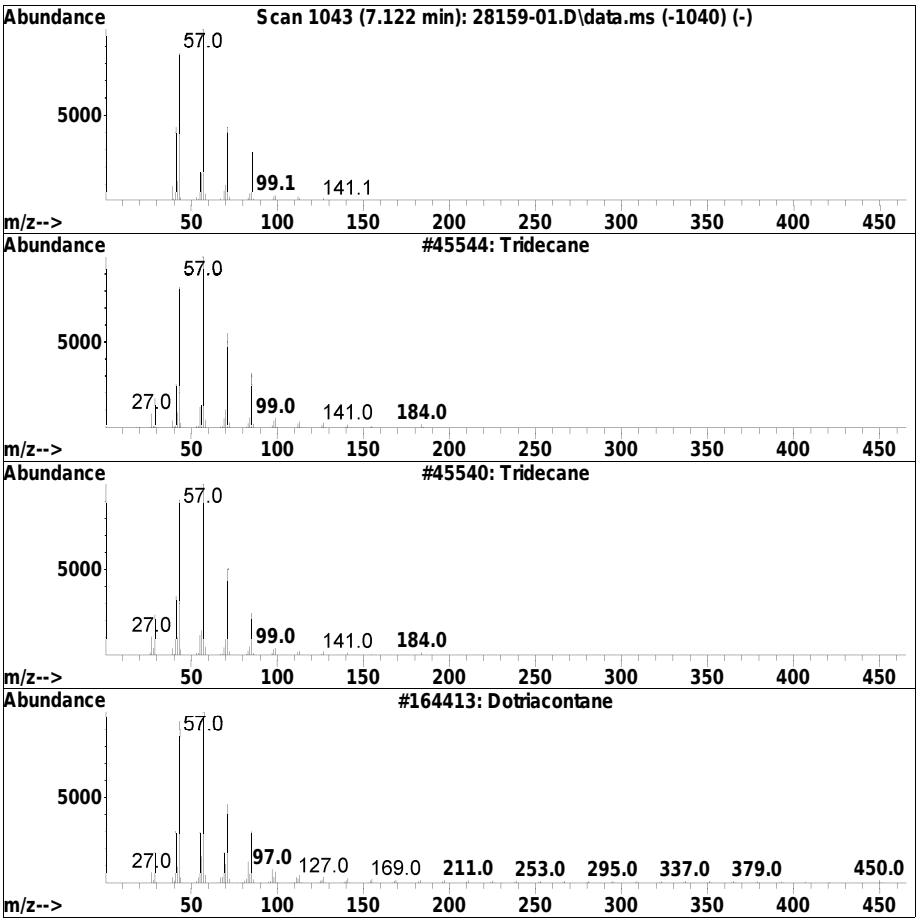
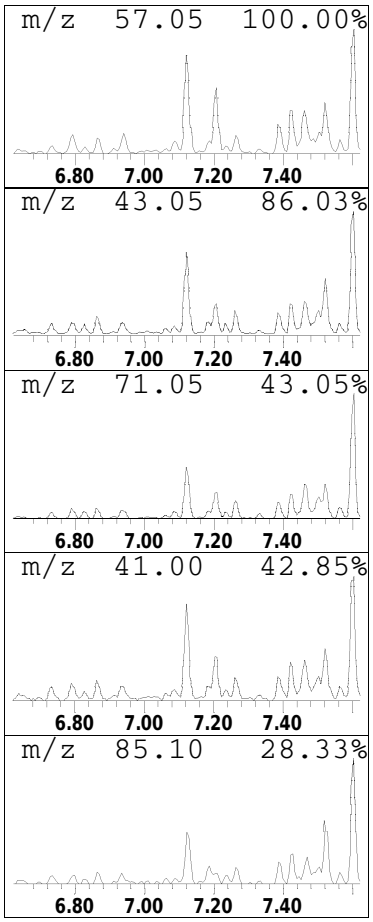
Peak Number 7 Unknown Alkane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.122	1.37 ug/ml	41183	IS2_Naphthalene-d8	6.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Tridecane	184	C13H28	000629-50-5	86
3	Dotriacontane	451	C32H66	000544-85-4	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Tetradecane	198	C14H30	000629-59-4	78





Data Path : I:\8270\SV106\190629LVI\
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Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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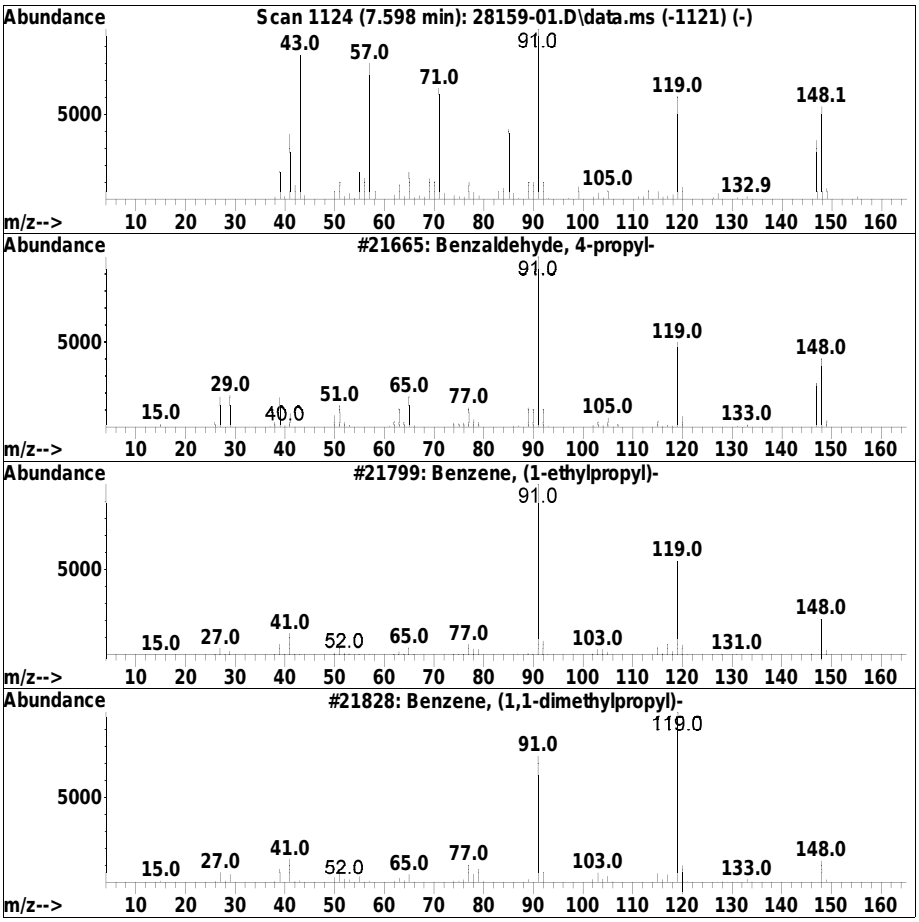
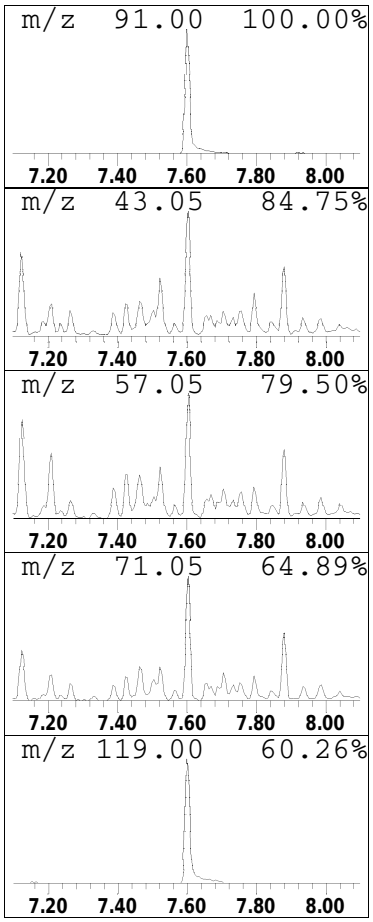
Peak Number 8 Unknown Aldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.598	3.75 ug/ml	112660	IS2_Naphthalene-d8	6.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-propyl-	148	C10H12O	028785-06-0	90
2	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	46
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	42
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	41
5	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	38





Data Path : I:\8270\SV106\190629LVI\
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Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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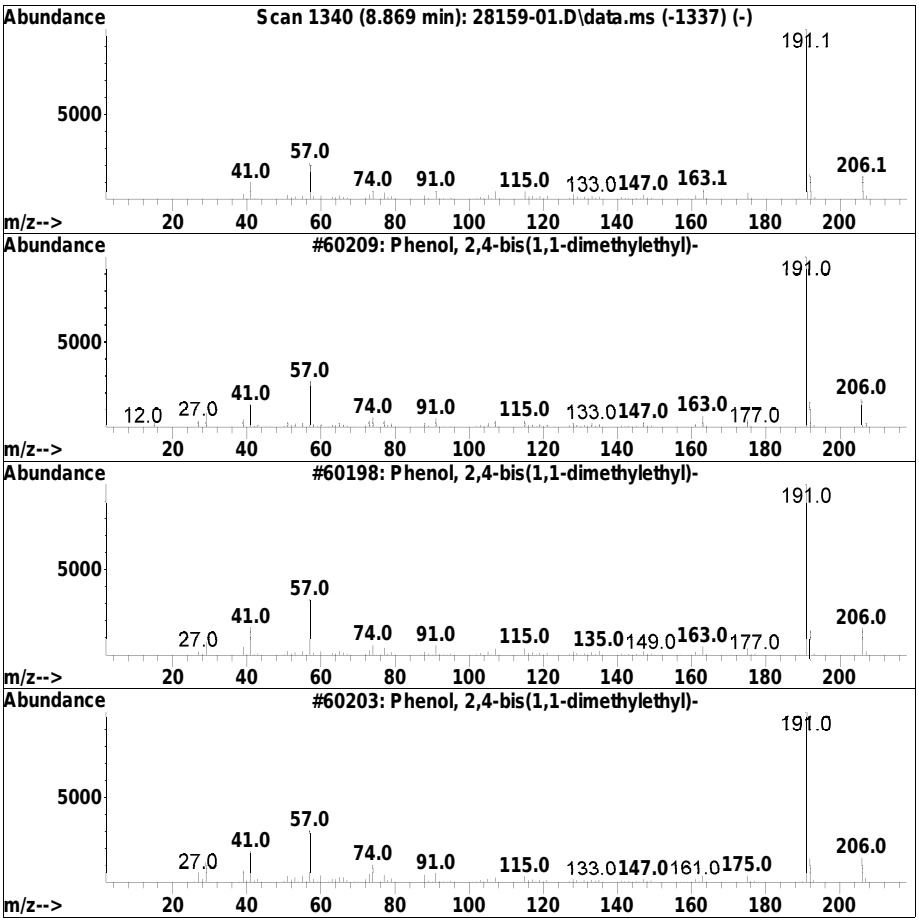
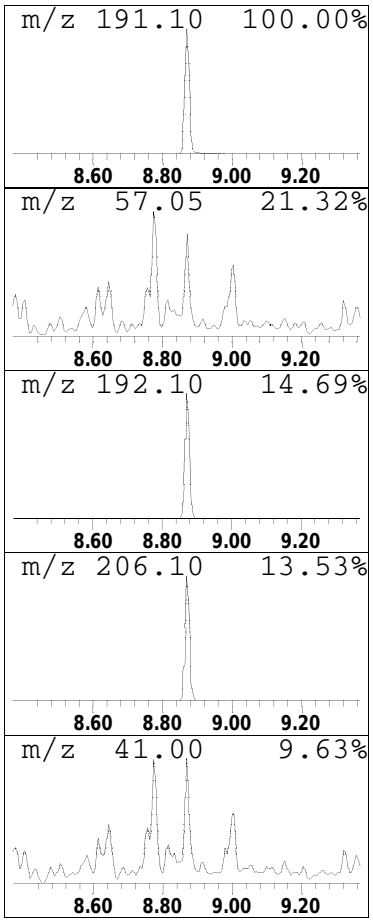
Peak Number 9 Unknown Phenol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.869	2.47 ug/ml	109279	IS3_Acenaphthene-d10	8.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	97
2	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	96
3	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	93
4	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	90
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	87





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

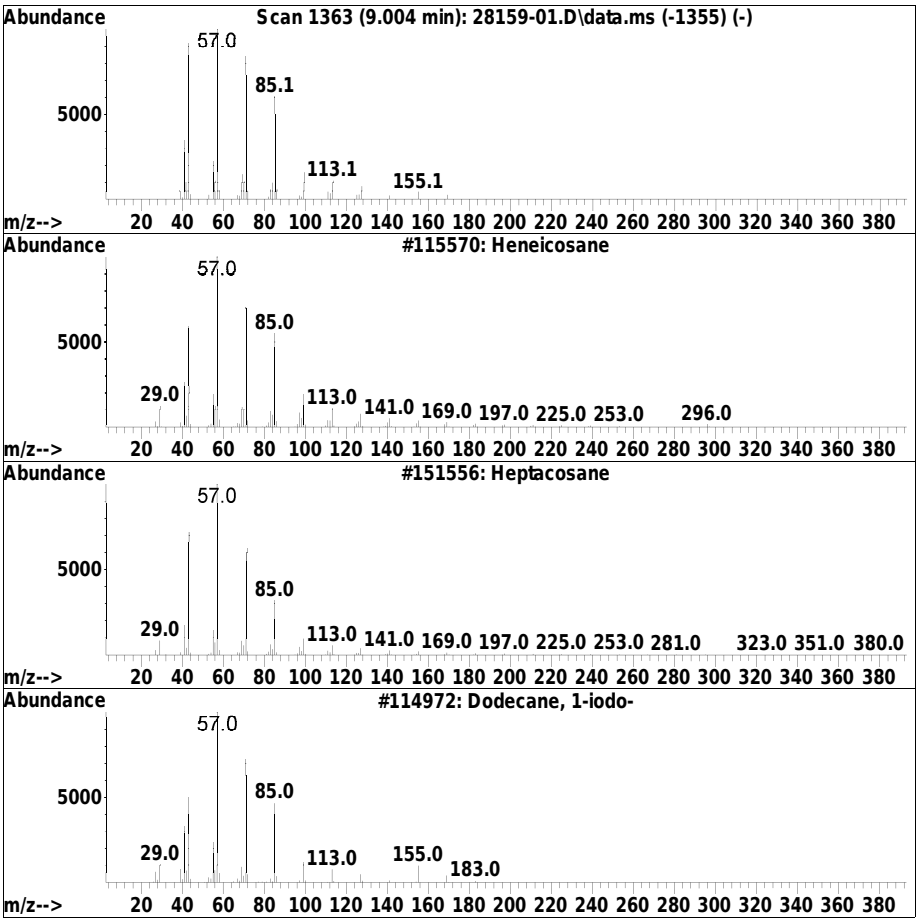
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

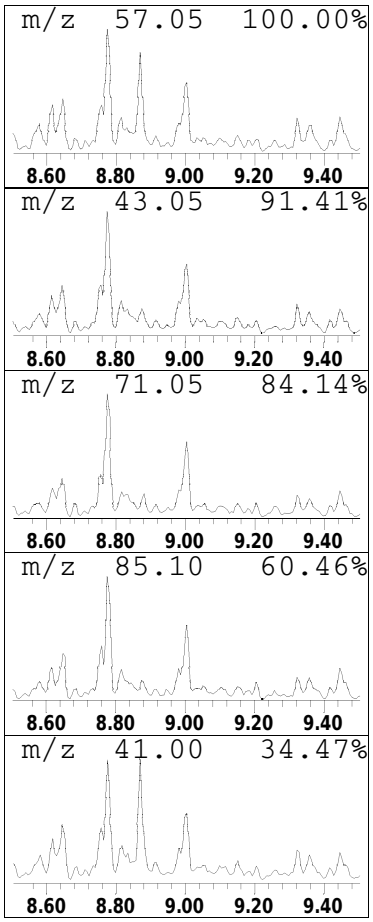
****

Peak Number 10 Unknown Alkane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.004	1.41 ug/ml	62313	IS3_Acenaphthene-d10	8.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

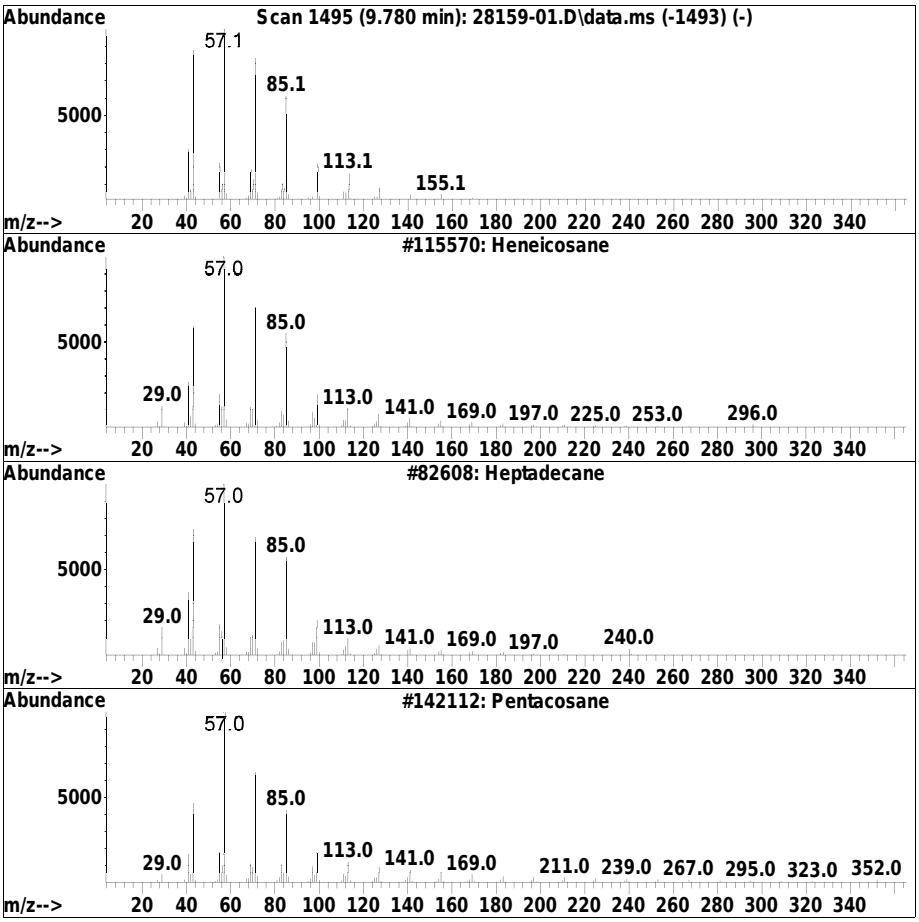
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

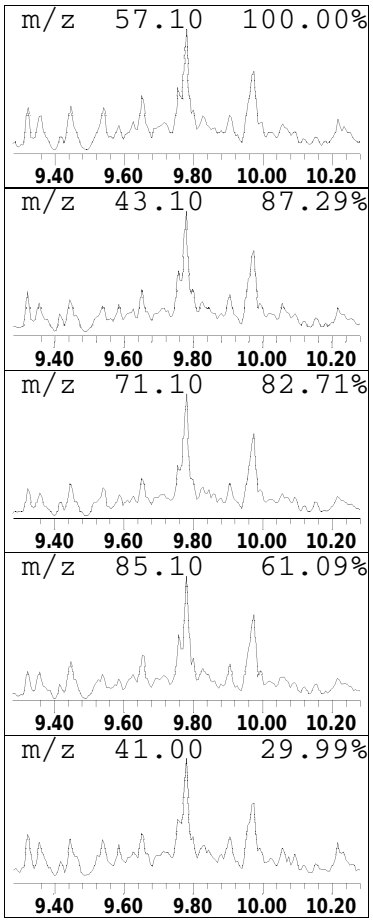
****

Peak Number 11 Unknown Alkane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.780	1.10 ug/ml	42033	IS1_Phenanthrene-d10	10.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane	240	C17H36	000629-78-7	83
3	Pentacosane	352	C25H52	000629-99-2	78
4	Nonacosane	408	C29H60	000630-03-5	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

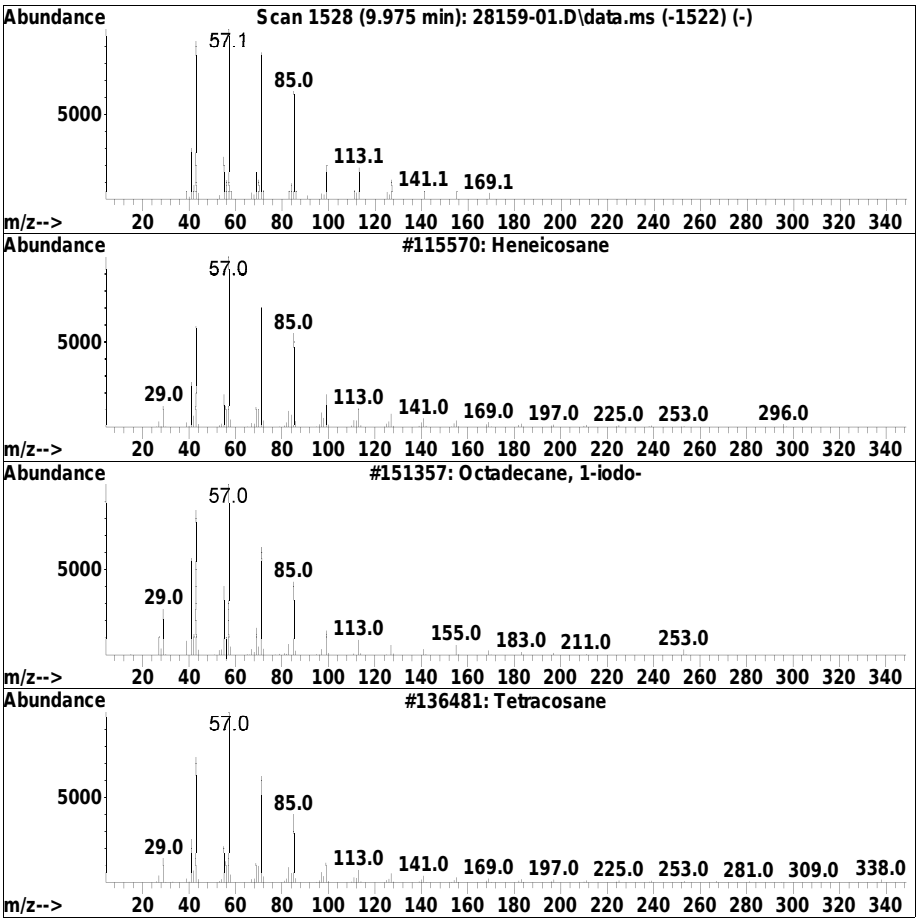
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

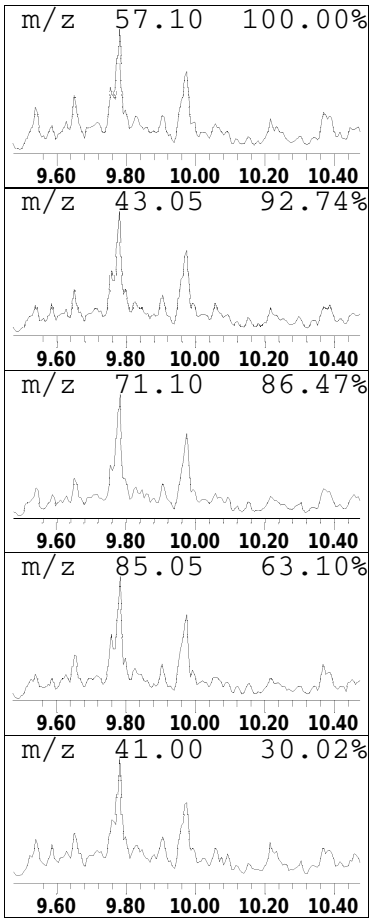
****

Peak Number 12 Unknown Alkane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.975	1.40 ug/ml	53494	IS1_Phenanthrene-d10	10.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
3	Tetracosane	338	C24H50	000646-31-1	72
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
5	Decane, 3-methyl-	156	C11H24	013151-34-3	64





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

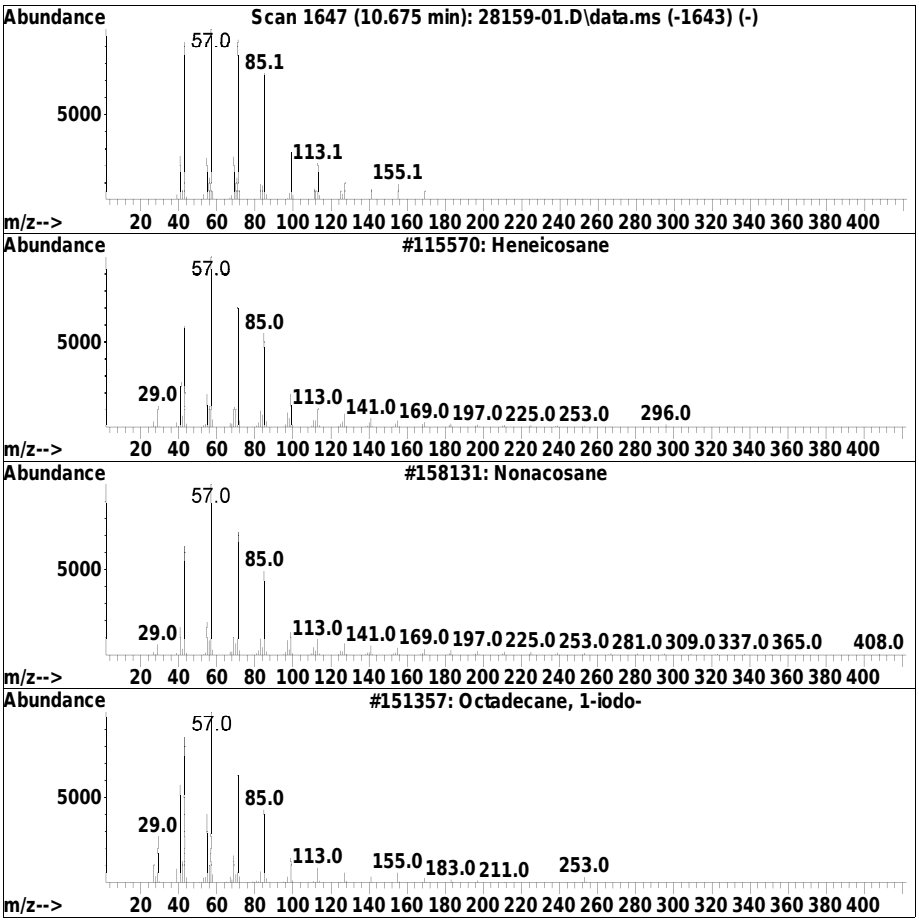
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

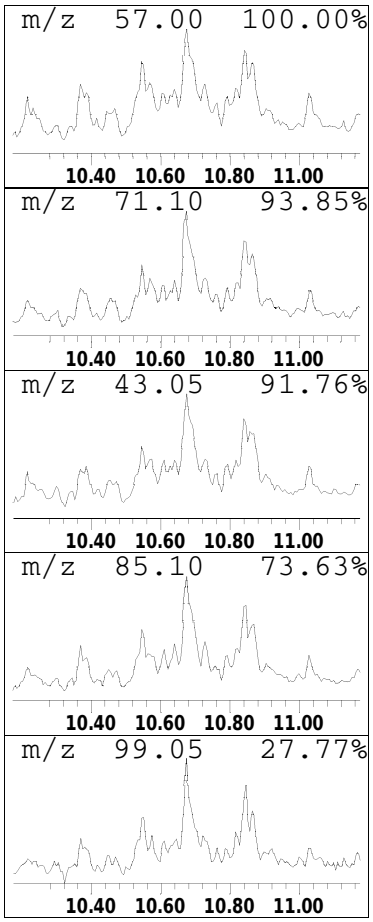
****

Peak Number 13 Unknown Alkane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	1.14 ug/ml	43409	IS3_Phenanthrene-d10	10.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Nonacosane	408	C29H60	000630-03-5	72
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
4	Decane, 3-methyl-	156	C11H24	013151-34-3	59
5	Tetratriacontane	479	C34H70	014167-59-0	59





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

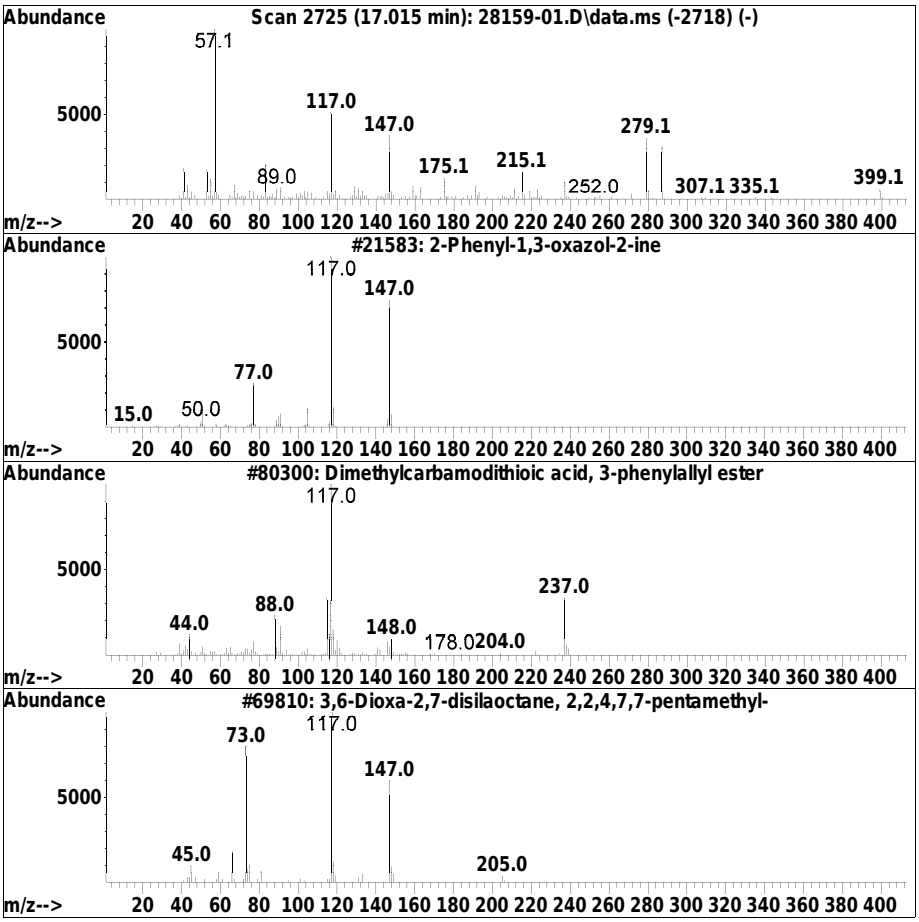
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

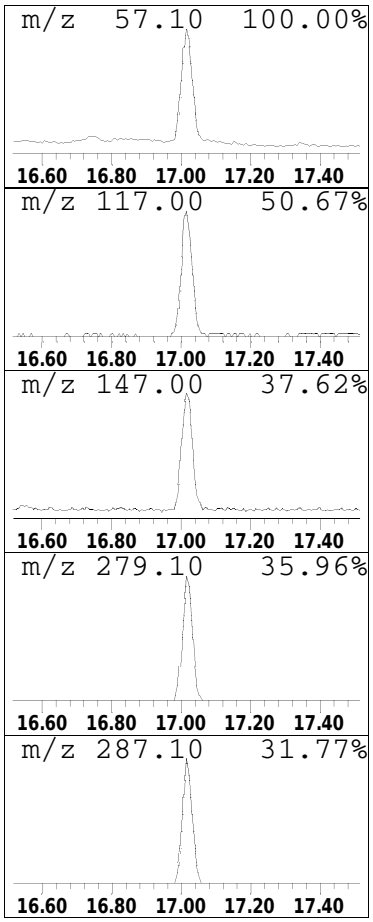
****

Peak Number 14 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.015	3.58 ug/ml	183069	IS1_Perylene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenyl-1,3-oxazol-2-ine	147	C9H9NO	007127-19-7	12
2	Dimethylcarbamodithioic acid, 3-...	237	C12H15NS2	108164-42-7	11
3	3,6-Dioxa-2,7-disilaoctane, 2,2,...	220	C9H24O2Si2	017887-27-3	10
4	3,6-Dioxa-2,7-disilaoctane, 2,2,...	220	C9H24O2Si2	017887-27-3	10
5	3,6-Dioxa-2,7-disilaoctane, 2,2,...	220	C9H24O2Si2	017887-27-3	10





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

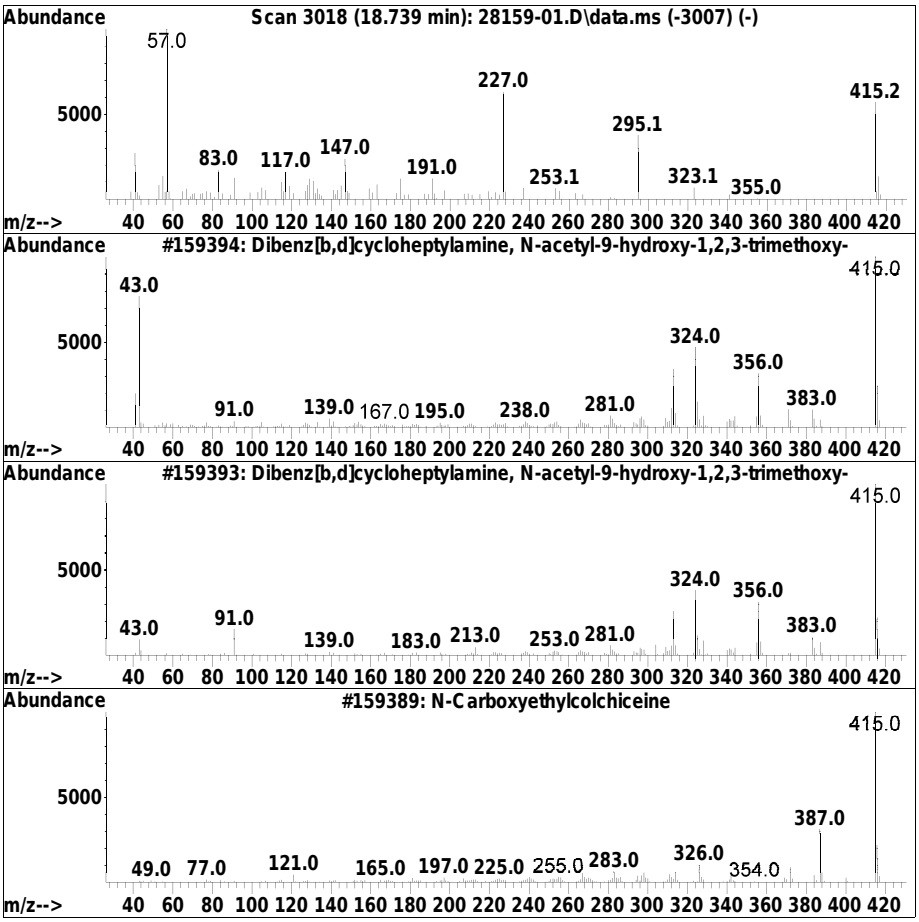
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

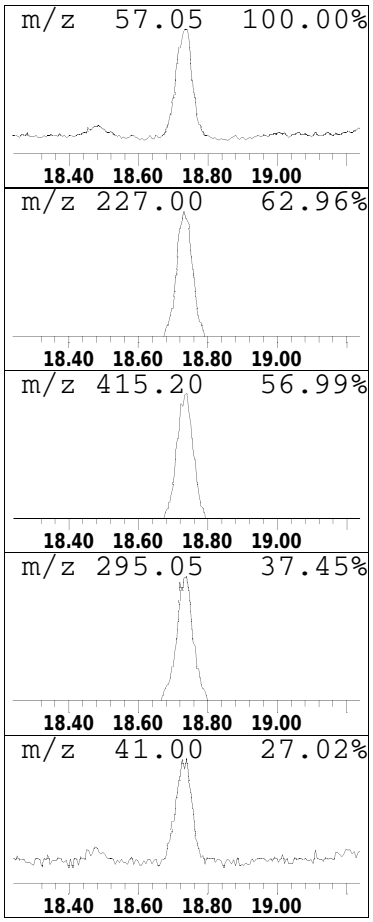
****

Peak Number 15 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.739	1.82 ug/ml	92922	IS1_Perylene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[b,d]cycloheptylamine, N-a...	415	C22H25NO7	094013-16-8	22
2	Dibenz[b,d]cycloheptylamine, N-a...	415	C22H25NO7	094013-16-8	22
3	N-Carboxyethylcolchiceine	415	C22H25NO7	1000128-25-0	12
4	4-(P-METHOXYPHENYL)-2-(4-PHENYL-...	415	C28H21N3O	1000240-92-6	9
5	2-Chloro-5H-dibenzo[b,f]azepine	227	C14H10ClN	022684-29-3	9





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-01.D
Acq On : 30 Jun 2019 2:14 am
Operator : SV106:sz
Sample : l1928159-01,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.746	1.2	ug/ml	27110	1	5.345	93327	4.0
Aldol Condensates	1.969	7.3	ug/ml	170421	1	5.345	93327	4.0
Unknown Alkane	5.916	3.0	ug/ml	69671	3	5.345	93327	4.0
Unknown Alkane	5.969	1.4	ug/ml	31544	3	5.345	93327	4.0
Unknown Alkane	6.345	1.3	ug/ml	38316	4	6.969	120151	4.0
Unknown	6.363	2.9	ug/ml	86796	4	6.969	120151	4.0
Unknown Alkane	7.122	1.4	ug/ml	41183	5	6.969	120151	4.0
Unknown Aldehyde	7.598	3.8	ug/ml	112660	5	6.969	120151	4.0
Unknown Phenol	8.869	2.5	ug/ml	109279	8	8.745	177233	4.0
Unknown Alkane	9.004	1.4	ug/ml	62313	8	8.745	177233	4.0
Unknown Alkane	9.780	1.1	ug/ml	42033	9	10.163	152909	4.0
Unknown Alkane	9.975	1.4	ug/ml	53494	9	10.163	152909	4.0
Unknown Alkane	10.675	1.1	ug/ml	43409	11	10.163	152909	4.0
Unknown	17.015	3.6	ug/ml	183069	13	14.074	204283	4.0
Unknown	18.739	1.8	ug/ml	92922	13	14.074	204283	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
Operator : SV106:sz
Sample : 11928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 30 13:48:48 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\190629LVI\ABN0629.D
: 2 - I:\8270\SV106\190629LVI\ADP0629.D
: 3 - I:\8270\SV106\190629LVI\AP9P0629.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.345	150	21084	4.000	ug/ml		0.00
Standard Area 1 = 24422			Recovery = 86.33%				
27) IS2_1,4-Dichlorobenzen...	5.345	150	21084	4.000	ug/ml		0.00
Standard Area 3 = 25078			Recovery = 84.07%				
34) IS1_Naphthalene-d8	6.969	136	52515	4.000	ug/ml		0.00
Standard Area 1 = 50762			Recovery = 103.45%				
54) IS2_Naphthalene-d8	6.969	136	52515	4.000	ug/ml		0.00
Standard Area 3 = 63393			Recovery = 82.84%				
62) IS1_Acenaphthene-d10	8.751	164	29366	4.000	ug/ml		0.00
Standard Area 1 = 26471			Recovery = 110.94%				
85) IS3_Acenaphthene-d10	8.751	164	29366	4.000	ug/ml		0.00
Standard Area 2 = 27737			Recovery = 105.87%				
87) IS1_Phenanthrene-d10	10.163	188	56862	4.000	ug/ml	#	0.00
Standard Area 1 = 47531			Recovery = 119.63%				
103) IS1_Chrysene-d12	12.698	240	54233	4.000	ug/ml	#	0.00
Standard Area 1 = 45610			Recovery = 118.91%				
112) IS1_Perylene-d12	14.074	264	57690	4.000	ug/ml		0.00
Standard Area 1 = 53503			Recovery = 107.83%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.510	112	11705	2.999	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 59.98%				
7) Phenol-d6	4.957	99	11793	2.538	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 50.76%				
19) Nitrobenzene-d5	6.151	82	6942	1.749	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 69.96%				
45) 2-Fluorobiphenyl	8.133	172	18691	1.887	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 75.48%				
78) 2,4,6-Tribromophenol	9.516	330	5812	3.460	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 69.20%				
95) 4-Terphenyl-d14	11.739	244	25333	2.205	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 88.20%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
Operator : SV106:sz
Sample : 11928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 30 13:48:48 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\190629LVI\ABN0629.D
: 2 - I:\8270\SV106\190629LVI\ADP0629.D
: 3 - I:\8270\SV106\190629LVI\AP9P0629.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	6.986	128	13930	0.990	ug/ml	99
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.	d	
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	10.845	149	1749	0.101	ug/ml#	79
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
Operator : SV106:sz
Sample : 11928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 30 13:48:48 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\190629LVI\ABN0629.D
: 2 - I:\8270\SV106\190629LVI\ADP0629.D
: 3 - I:\8270\SV106\190629LVI\AP9P0629.D
Sub List : NJLiq_combo - NJTCL+7 Additional

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.			
106)	Chrysene	0.000		0	N.D.			
107)	Bis(2-ethylhexyl)phtha...	12.886	149	1873	0.492	ug/ml	#	52
108)	Di-n-octylphthalate	0.000		0	N.D.	d		
115)	Benzo(ghi)perylene	0.000		0	N.D.			

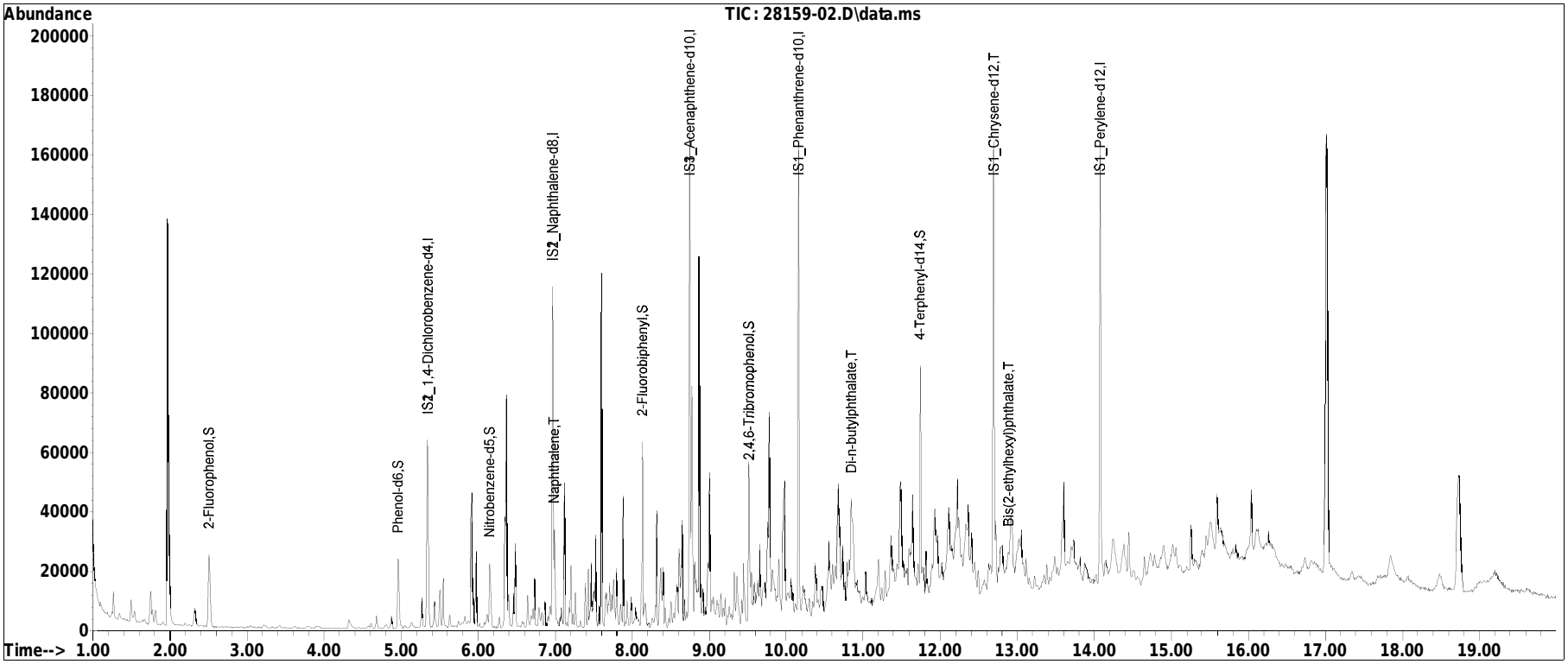
(#) = qualifier out of range (m) = manual integration (+) = signals summed

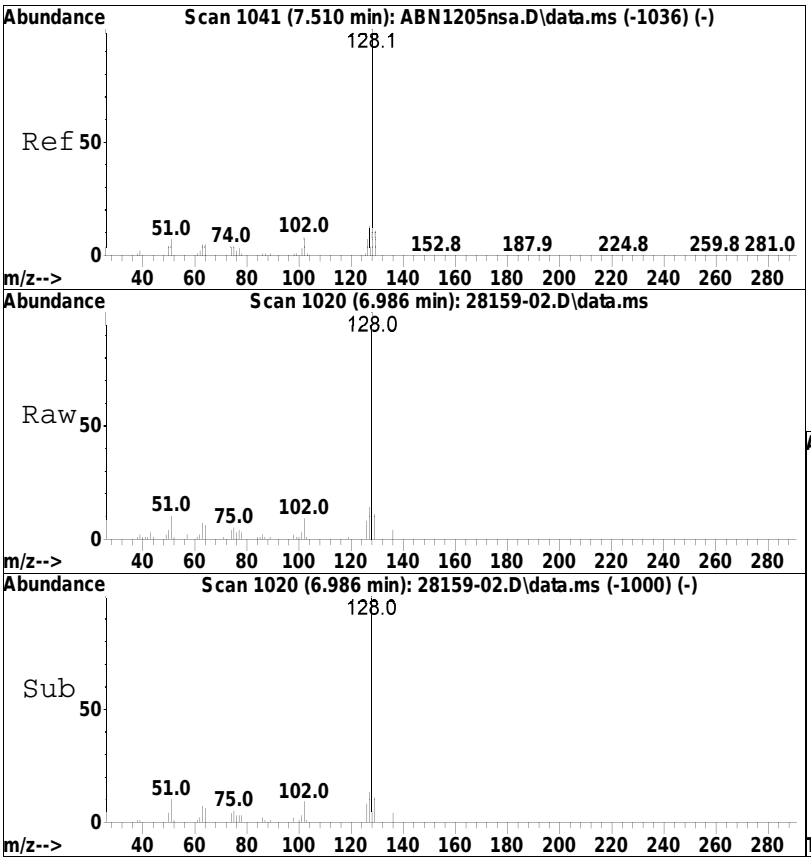
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
Operator : SV106:sz
Sample : l1928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 30 13:48:48 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional0629.D•

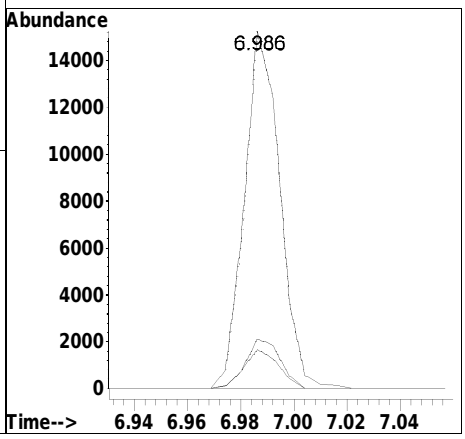


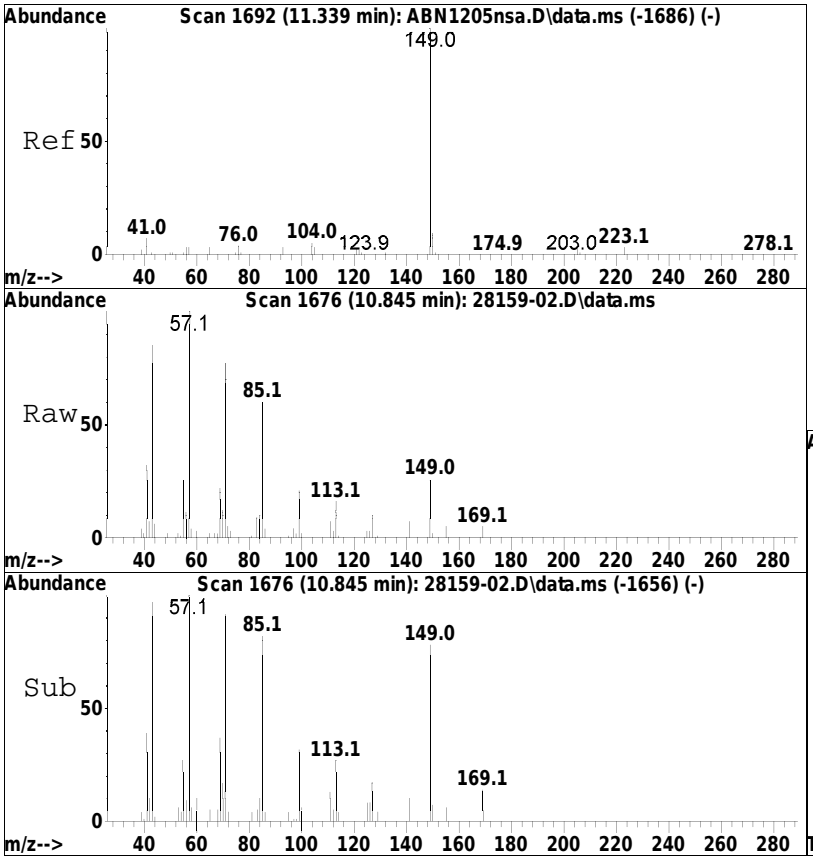


#35
Naphthalene
Concen: 0.99 ug/ml
RT: 6.986 min Scan# 1020
Delta R.T. -0.006 min
Lab File: 28159-02.D
Acq: 30 Jun 2019 2:40 am

Tgt Ion:128 Resp: 13930

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.6	10.3	15.5

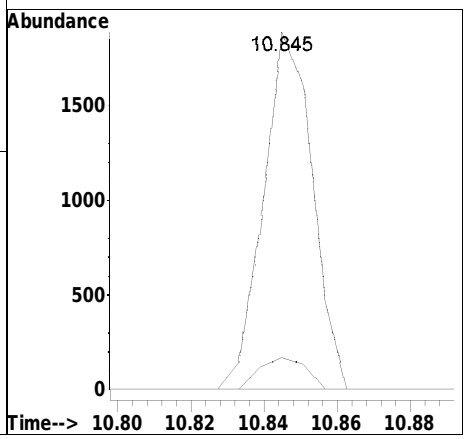


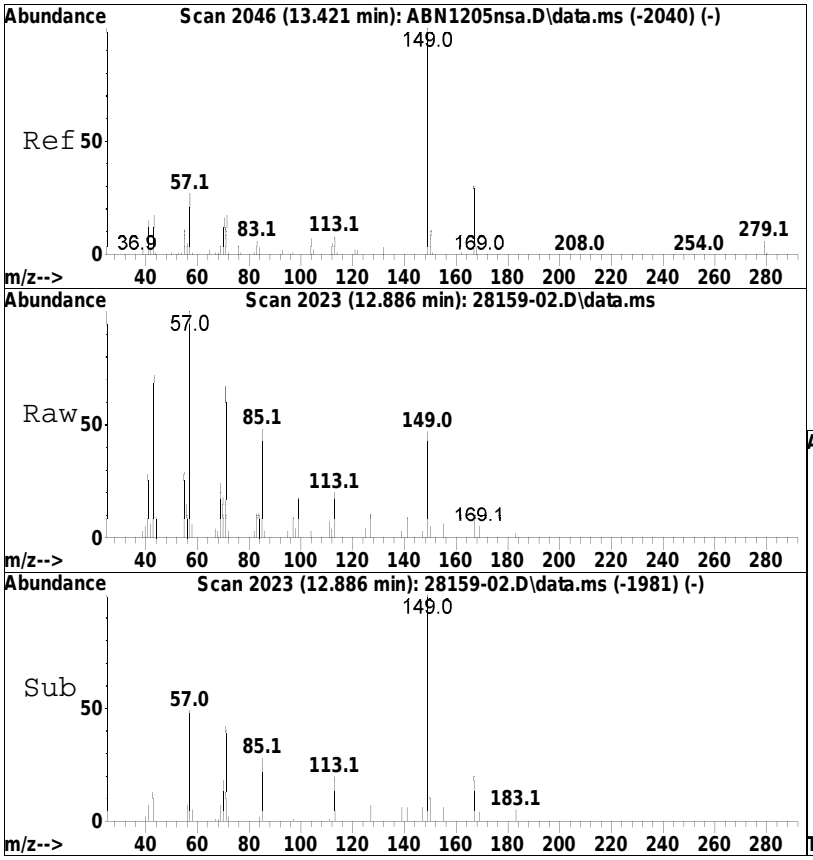


#91
Di-n-butylphthalate
Concen: 0.10 ug/ml
RT: 10.845 min Scan# 1676
Delta R.T. -0.006 min
Lab File: 28159-02.D
Acq: 30 Jun 2019 2:40 am

Tgt Ion:149 Resp: 1749

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.0	10.6#
104	0.0	4.5	6.7#

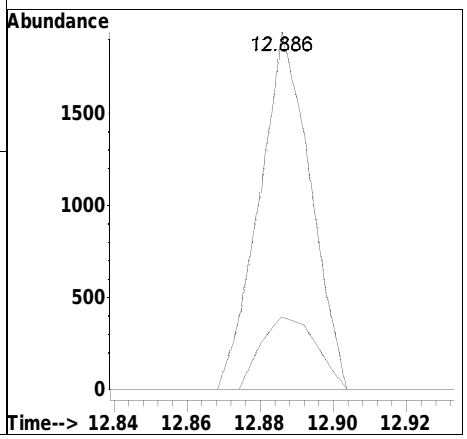




#107
Bis(2-ethylhexyl)phthalate
Concen: 0.49 ug/ml
RT: 12.886 min Scan# 2023
Delta R.T. -0.006 min
Lab File: 28159-02.D
Acq: 30 Jun 2019 2:40 am

Tgt Ion:149 Resp: 1873

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.1	33.1#
279	0.0	3.0	4.4#



Manual Integration Report

Data Path	: I:\8270\SV106\190629LVI\	QMethod	: FS190429nLVISV106.m
Data File	: 28159-02.D	Operator	: SV106:sz
Date Inj'd	: 6/30/2019 2:40 am	Instrument	: SV 106
Sample	: l1928159-02,32,,nj-bnext,t	Quant Date	: 6/30/2019 1:43 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
Operator : SV106:sz
Sample : 11928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 28159-02.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.746	123	129	132	rBV	11136	16636	5.39%	0.412%
2	1.963	163	166	183	rBV	136744	185326	60.09%	4.585%
3	2.322	221	227	236	rVB2	5957	11003	3.57%	0.272%
4	2.510	254	259	267	rVB	24258	37913	12.29%	0.938%
5	4.957	671	675	684	rBV	23104	32720	10.61%	0.809%
6	5.263	722	727	733	rBV2	9854	13910	4.51%	0.344%
7	5.345	737	741	747	rVB	62896	76576	24.83%	1.894%
8	5.434	749	756	762	rBV2	8847	13055	4.23%	0.323%
9	5.504	764	768	772	rVV	12248	14164	4.59%	0.350%
10	5.545	772	775	781	rVB	15837	20283	6.58%	0.502%
11	5.916	833	838	844	rVV	44202	56403	18.29%	1.395%
12	5.969	844	847	852	rVB	25513	27439	8.90%	0.679%
13	6.151	875	878	884	rVB2	21552	28381	9.20%	0.702%
14	6.363	903	914	917	rBV2	78080	112545	36.49%	2.784%
15	6.398	917	920	923	rVV	10702	11500	3.73%	0.284%
16	6.451	926	929	932	rVV2	10930	12994	4.21%	0.321%
17	6.481	932	934	939	rVB	27837	24974	8.10%	0.618%
18	6.639	956	961	966	rBV3	10937	11399	3.70%	0.282%
19	6.733	974	977	981	rVB	16068	13572	4.40%	0.336%
20	6.969	1014	1017	1019	rVV	112237	103677	33.62%	2.565%
21	6.986	1019	1020	1023	rVB	30439	20771	6.74%	0.514%
22	7.122	1040	1043	1047	rVB	47845	43841	14.22%	1.085%
23	7.210	1055	1058	1060	rVV	20097	19012	6.16%	0.470%
24	7.263	1064	1067	1072	rVB	11723	10819	3.51%	0.268%
25	7.386	1085	1088	1092	rBV	15024	14156	4.59%	0.350%
26	7.428	1092	1095	1097	rBV	18796	17187	5.57%	0.425%
27	7.463	1097	1101	1104	rVV3	20629	25220	8.18%	0.624%
28	7.522	1109	1111	1116	rVB	30415	27257	8.84%	0.674%

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
Operator : SV106:sz
Sample : 11928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.598	1121	1124	1128	rBV	117869	111399	36.12%	2.756%
30	7.657	1131	1134	1135	rBV	11193	11263	3.65%	0.279%
31	7.704	1141	1142	1145	rVV	13516	11260	3.65%	0.279%
32	7.757	1148	1151	1155	rVV2	14744	17631	5.72%	0.436%
33	7.792	1155	1157	1163	rVB	18763	18888	6.12%	0.467%
34	7.880	1169	1172	1175	rVB	43590	36051	11.69%	0.892%
35	7.986	1185	1190	1194	rBV	9659	10204	3.31%	0.252%
36	8.133	1210	1215	1218	rBV	61873	62983	20.42%	1.558%
37	8.169	1218	1221	1226	rVB2	7880	10588	3.43%	0.262%
38	8.322	1244	1247	1251	rVB	38359	34947	11.33%	0.865%
39	8.375	1251	1256	1258	rBV	19395	27951	9.06%	0.691%
40	8.404	1258	1261	1263	rVB	19045	17343	5.62%	0.429%
41	8.580	1286	1291	1294	rVV	11978	18893	6.13%	0.467%
42	8.616	1294	1297	1299	rVV	23926	25535	8.28%	0.632%
43	8.645	1299	1302	1306	rVB	33597	37629	12.20%	0.931%
44	8.751	1315	1320	1322	rVV	166232	163596	53.05%	4.047%
45	8.774	1322	1324	1328	rVV	78534	79162	25.67%	1.958%
46	8.816	1328	1331	1333	rVV	19422	23688	7.68%	0.586%
47	8.869	1337	1340	1345	rVV	121900	112105	36.35%	2.773%
48	8.916	1345	1348	1351	rVV	10267	10535	3.42%	0.261%
49	9.004	1355	1363	1366	rVV	48912	71484	23.18%	1.768%
50	9.257	1400	1406	1409	rBV3	6377	10767	3.49%	0.266%
51	9.322	1415	1417	1420	rBV	15006	13653	4.43%	0.338%
52	9.357	1420	1423	1431	rVB	16216	26237	8.51%	0.649%
53	9.445	1435	1438	1446	rVB2	19426	29545	9.58%	0.731%
54	9.510	1446	1449	1453	rBV	53632	58437	18.95%	1.446%
55	9.651	1471	1473	1478	rVB	21141	21971	7.12%	0.544%
56	9.716	1478	1484	1488	rBV4	8468	22016	7.14%	0.545%
57	9.757	1488	1491	1493	rBV2	25378	29533	9.58%	0.731%
58	9.780	1493	1495	1500	rVV	60857	60680	19.68%	1.501%
59	9.904	1513	1516	1522	rVB	17811	23644	7.67%	0.585%
60	9.974	1522	1528	1530	rBV	43844	67373	21.85%	1.667%

LSC Area Percent Report

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
Operator : SV106:sz
Sample : 11928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

61	10.163	1556	1560	1565	rVB	157583	141693	45.94%	3.505%
62	10.216	1565	1569	1571	rBV	8465	11026	3.58%	0.273%
63	10.368	1592	1595	1597	rBV	14530	15909	5.16%	0.394%
64	10.545	1623	1625	1628	rBV	12221	11024	3.57%	0.273%
65	10.674	1643	1647	1654	rBV	32232	55586	18.02%	1.375%
66	10.733	1654	1657	1660	rVB2	14805	15632	5.07%	0.387%
67	10.792	1664	1667	1669	rBV2	13067	14685	4.76%	0.363%
68	10.845	1673	1676	1677	rBV2	23929	24157	7.83%	0.598%
69	11.027	1704	1707	1715	rVB2	10315	13111	4.25%	0.324%
70	11.204	1727	1737	1741	rBV	14419	28134	9.12%	0.696%
71	11.286	1747	1751	1754	rBV2	10340	11248	3.65%	0.278%
72	11.363	1759	1764	1766	rBV	17916	26897	8.72%	0.665%
73	11.486	1781	1785	1790	rVB	28927	43924	14.24%	1.087%
74	11.598	1801	1804	1806	rBV2	12295	16175	5.24%	0.400%
75	11.639	1808	1811	1820	rVB	30342	45920	14.89%	1.136%
76	11.739	1826	1828	1831	rBV	73116	67814	21.99%	1.678%
77	11.815	1839	1841	1847	rBV	14526	14356	4.65%	0.355%
78	11.927	1855	1860	1864	rBV4	19868	40782	13.22%	1.009%
79	12.104	1885	1890	1895	rBV3	20690	41920	13.59%	1.037%
80	12.221	1907	1910	1912	rVB	16837	16547	5.37%	0.409%
81	12.327	1923	1928	1931	rBV3	13650	27298	8.85%	0.675%
82	12.357	1931	1933	1938	rVV	21340	29471	9.56%	0.729%
83	12.404	1938	1941	1946	rVB3	13441	17476	5.67%	0.432%
84	12.621	1974	1978	1981	rBV3	8828	16776	5.44%	0.415%
85	12.698	1987	1991	1994	rBV	145490	154597	50.13%	3.824%
86	12.721	1994	1995	1998	rVB	20888	14485	4.70%	0.358%
87	12.915	2025	2028	2037	rVB2	19346	40315	13.07%	0.997%
88	13.051	2049	2051	2054	rVB2	11352	11387	3.69%	0.282%
89	13.115	2060	2062	2067	rVB3	8809	10881	3.53%	0.269%
90	13.598	2138	2144	2150	rVB2	27816	46801	15.18%	1.158%
91	14.074	2221	2225	2232	rBV	147426	159100	51.59%	3.936%

LSC Area Percent Report

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
Operator : SV106:sz
Sample : 11928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

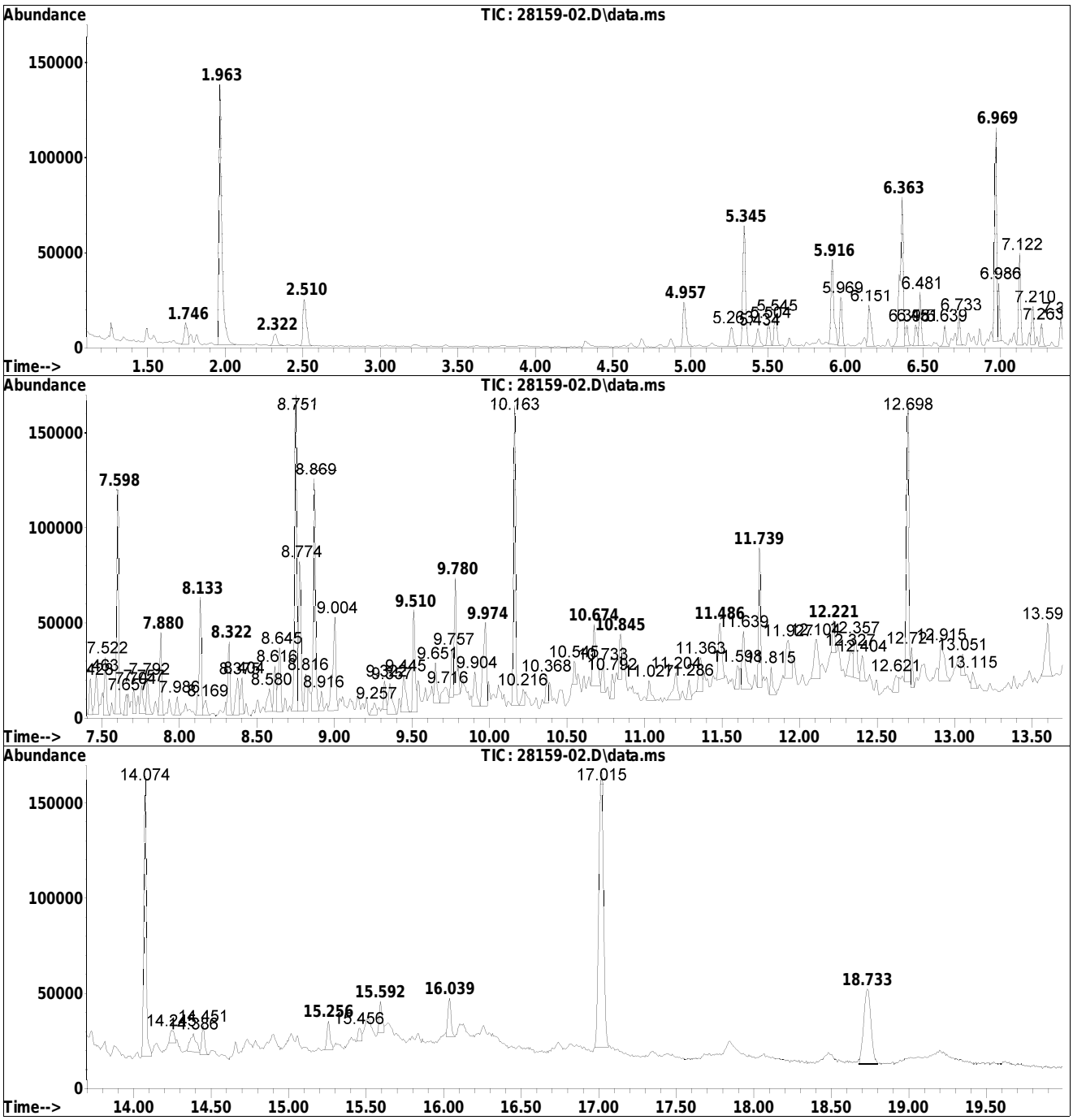
92	14.245	2251	2254	2259	rBV6	6652	12550	4.07%	0.310%
93	14.386	2271	2278	2285	rVV5	9559	25745	8.35%	0.637%
94	14.451	2285	2289	2295	rVB	15214	19997	6.48%	0.495%
95	15.256	2422	2426	2431	rBV2	14996	21282	6.90%	0.526%
96	15.456	2457	2460	2463	rBV3	6928	10568	3.43%	0.261%
97	15.592	2480	2483	2487	rBV	16533	21734	7.05%	0.538%
98	16.039	2555	2559	2565	rVB5	20123	28625	9.28%	0.708%
99	17.015	2718	2725	2733	rBV2	145321	308403	100.00%	7.629%
100	18.733	3008	3017	3029	rVB2	39454	128564	41.69%	3.180%

Sum of corrected areas: 4042319

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
Operator : SV106:sz
Sample : l1928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
Operator : SV106:sz
Sample : l1928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

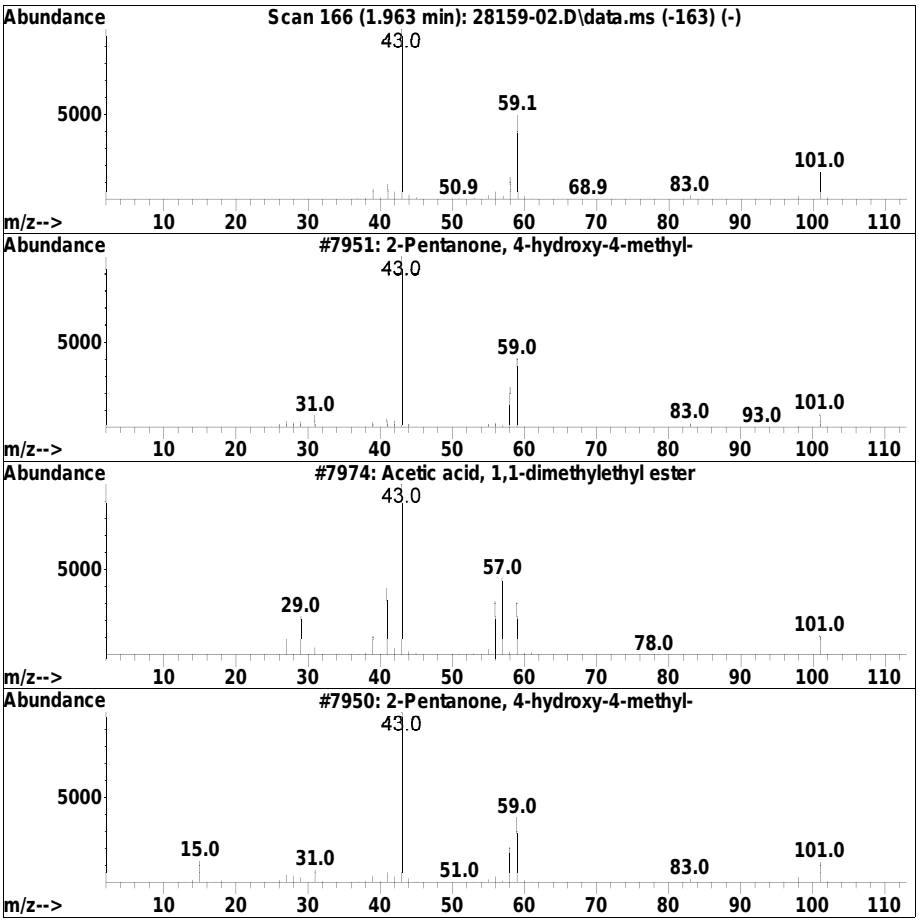
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

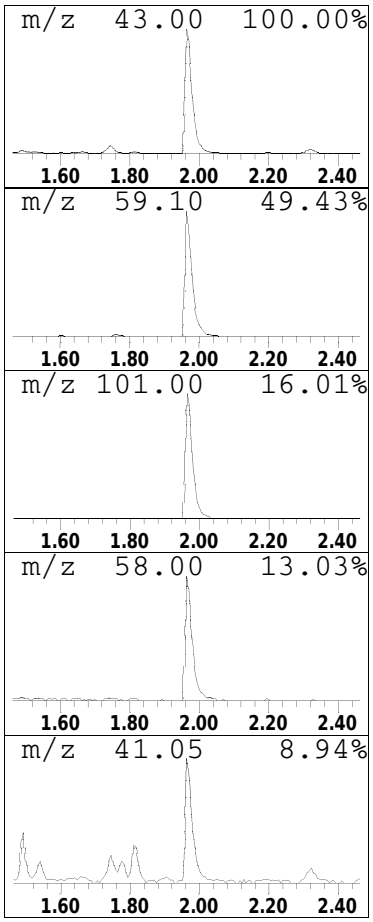
****

Peak Number 1 Aldol Condensates Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.963	9.68 ug/ml	185326	IS2_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
Operator : SV106:sz
Sample : l1928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

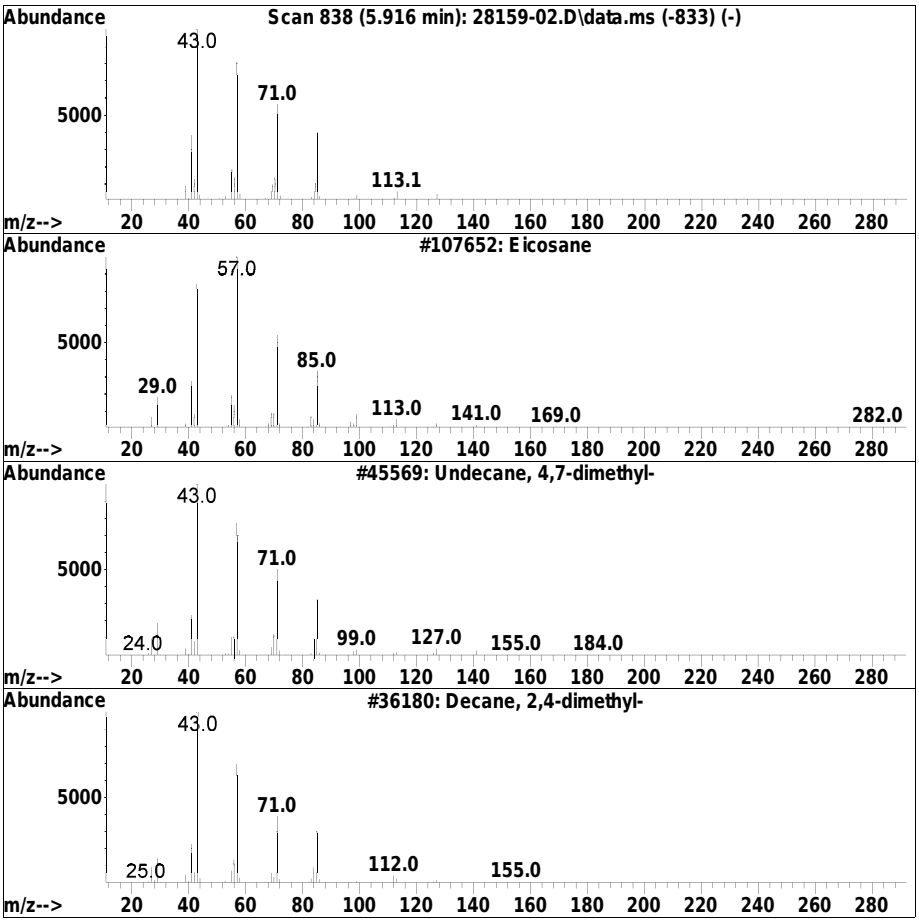
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

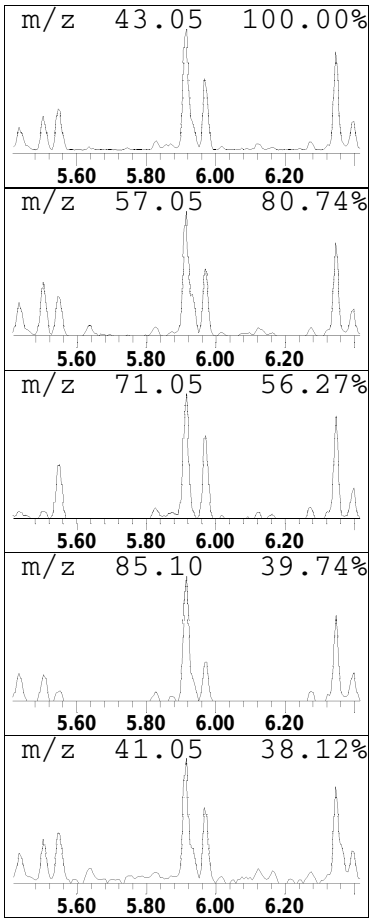
****

Peak Number 2 Unknown Alkane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.916	2.95 ug/ml	56403	IS3_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	86
3	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	78
4	Dodecane, 5-methyl-	184	C13H28	017453-93-9	72
5	Tetradecane	198	C14H30	000629-59-4	72





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Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
Operator : SV106:sz
Sample : l1928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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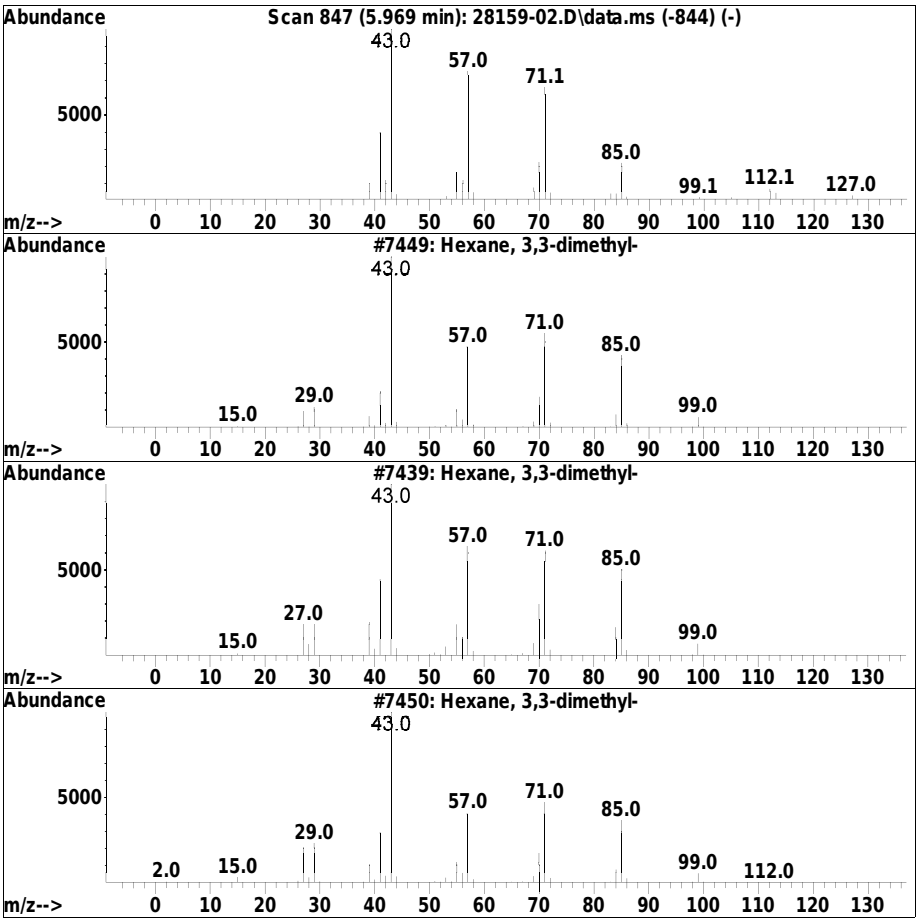
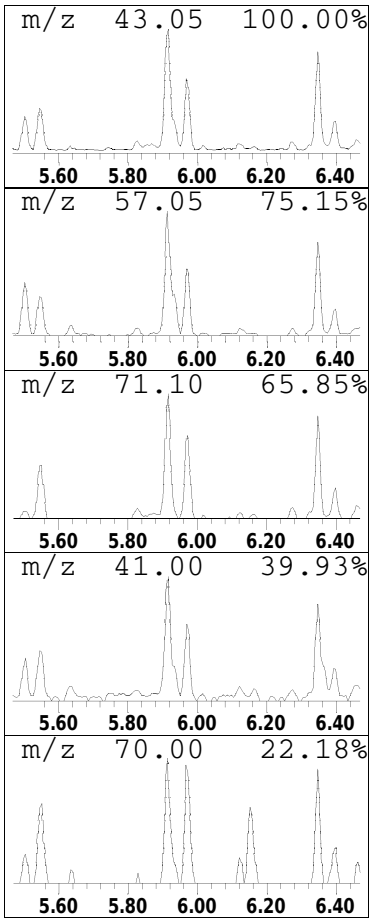
Peak Number 3 Unknown Alkane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.969	1.43 ug/ml	27439	IS3_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	78
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	78
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	78
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
5	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64





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Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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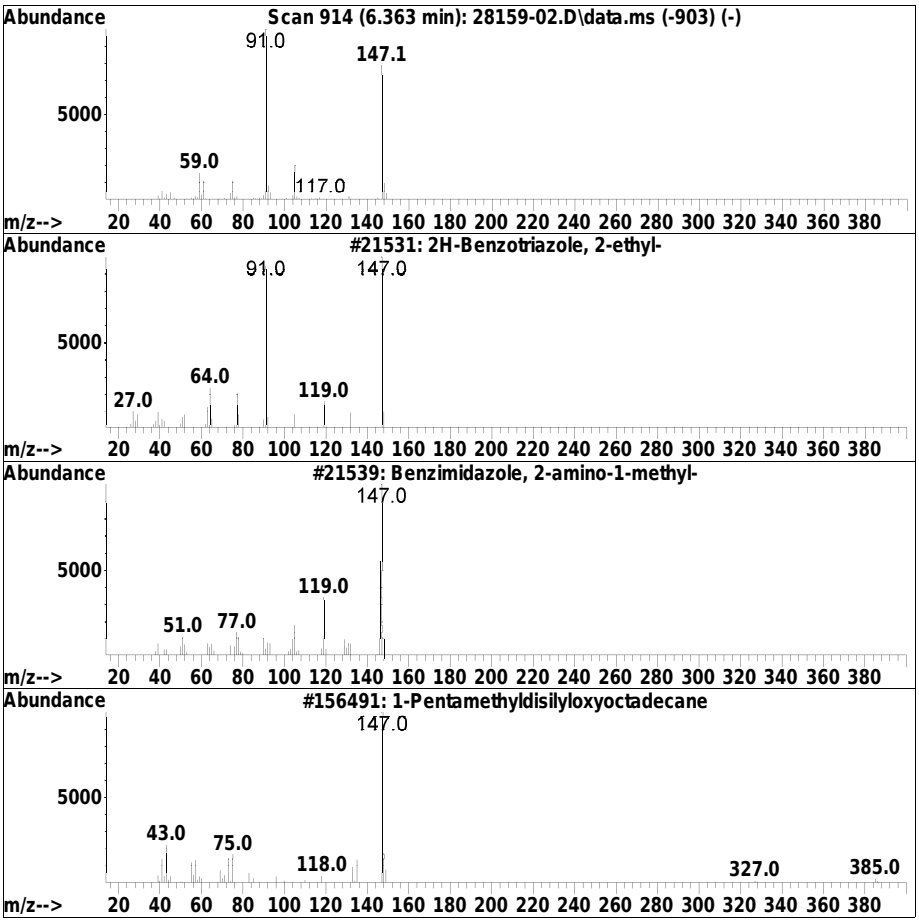
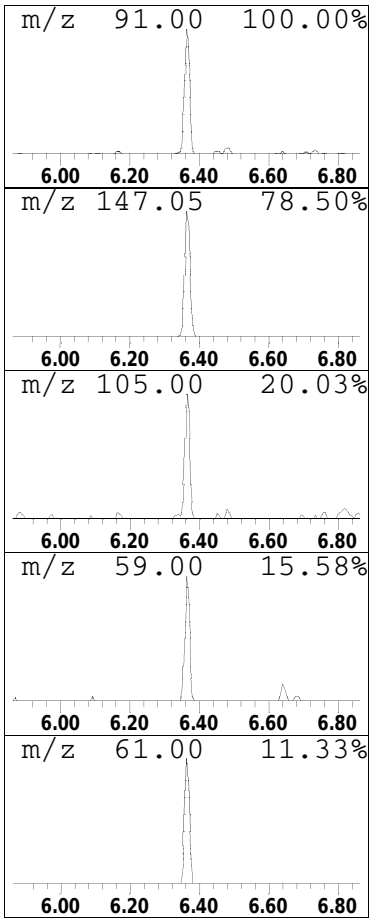
Peak Number 4 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.363	4.34 ug/ml	112545	IS1_Naphthalene-d8	6.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benzotriazole, 2-ethyl-	147	C8H9N3	016584-04-6	36
2	Benzimidazole, 2-amino-1-methyl-	147	C8H9N3	001622-57-7	33
3	1-Pentamethyldisilyloxyoctadecane	400	C23H52OSi2	1000216-95-3	28
4	Disiloxane, hexamethyl-	162	C6H18OSi2	000107-46-0	25
5	Silane, dimethoxymethyl-	106	C3H10O2Si	016881-77-9	14





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Sample : l1928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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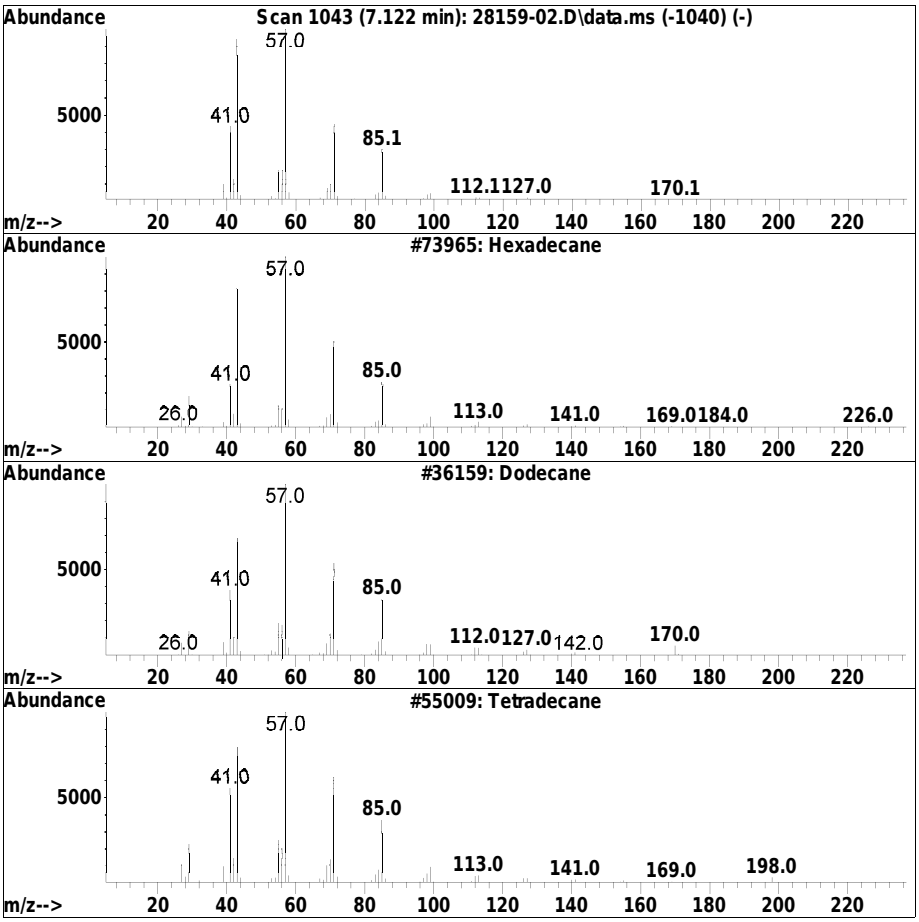
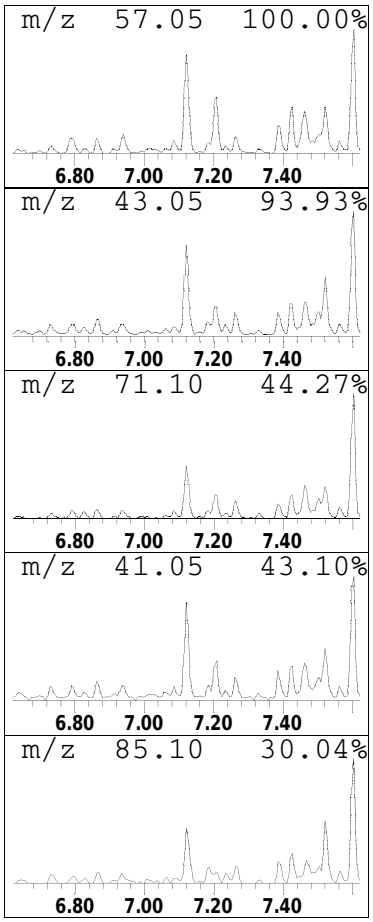
Peak Number 5 Unknown Alkane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.122	1.69 ug/ml	43841	IS2_Naphthalene-d8	6.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Dodecane	170	C12H26	000112-40-3	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72





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Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
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Sample : l1928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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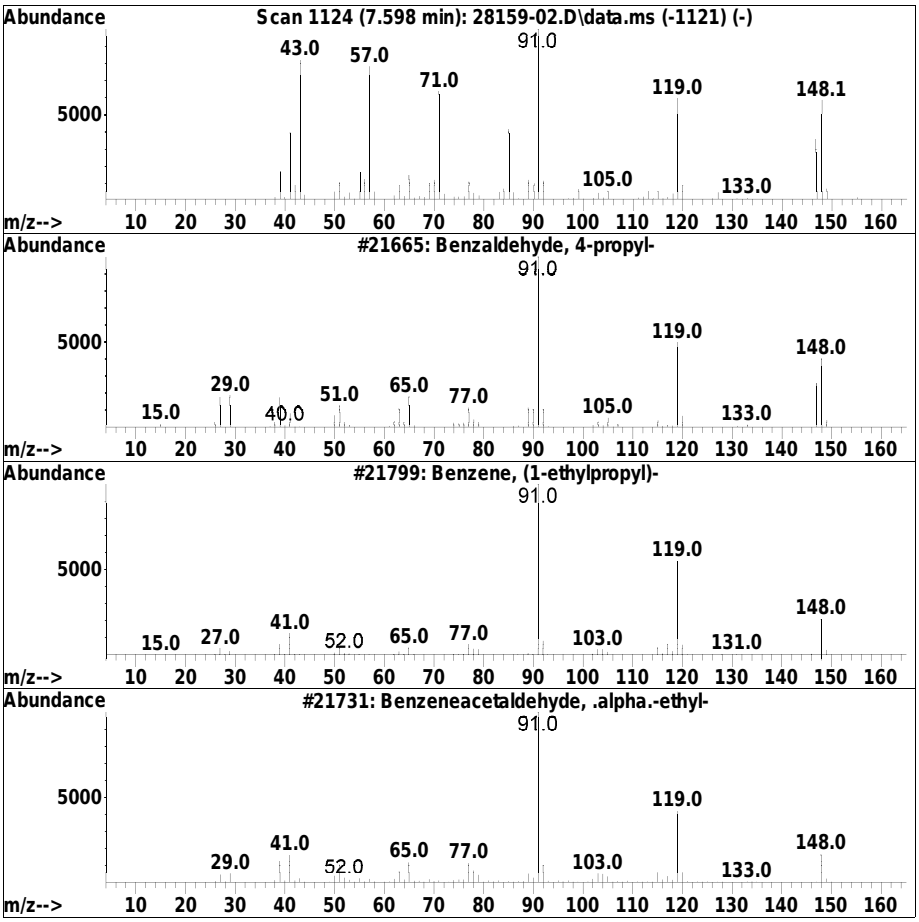
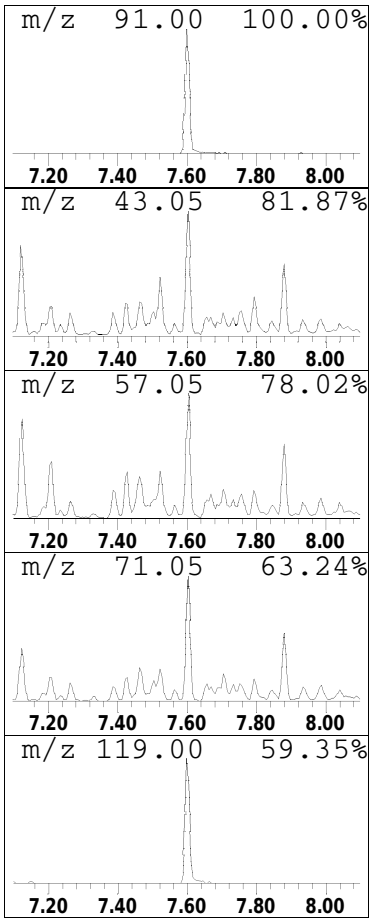
Peak Number 6 Unknown Aldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.598	4.30 ug/ml	111399	IS2_Naphthalene-d8	6.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-propyl-	148	C10H12O	028785-06-0	90
2	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	41
3	Benzeneacetaldehyde, .alpha.-ethyl-	148	C10H12O	002439-43-2	38
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
5	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	30





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Sample : l1928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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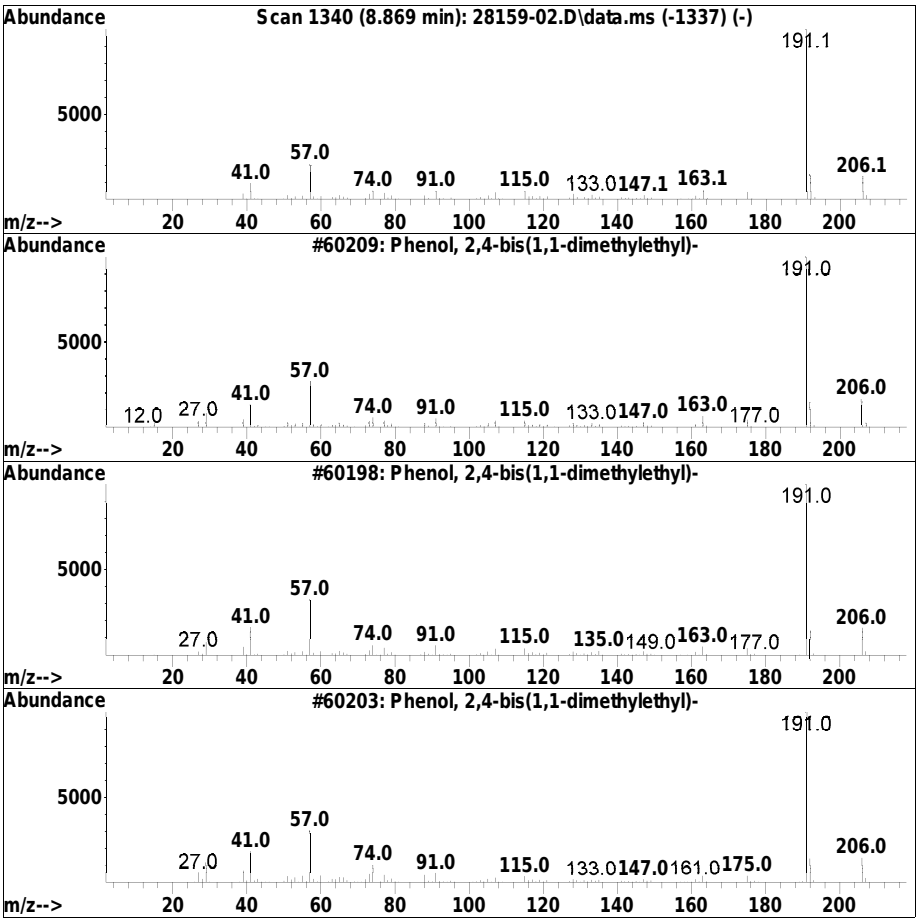
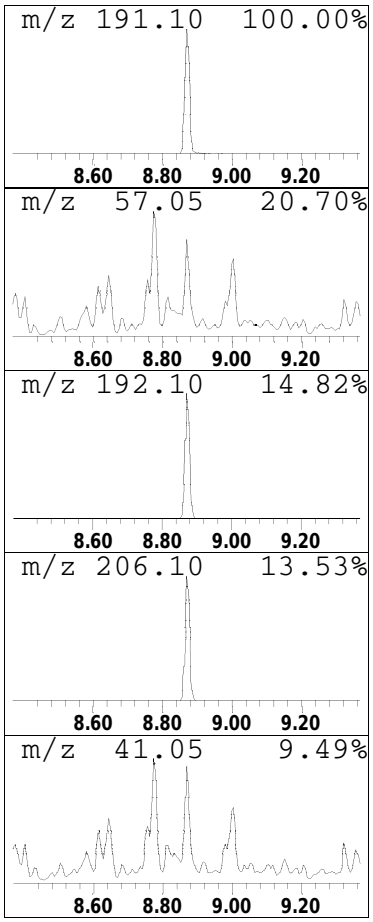
Peak Number 7 Unknown Phenol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.869	2.74 ug/ml	112105	IS3_Acenaphthene-d10	8.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	97
2	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	94
3	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	93
4	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	90
5	Pentanoic acid, 5-hydroxy-, 2,4-...	306	C19H30O3	166273-38-7	83





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Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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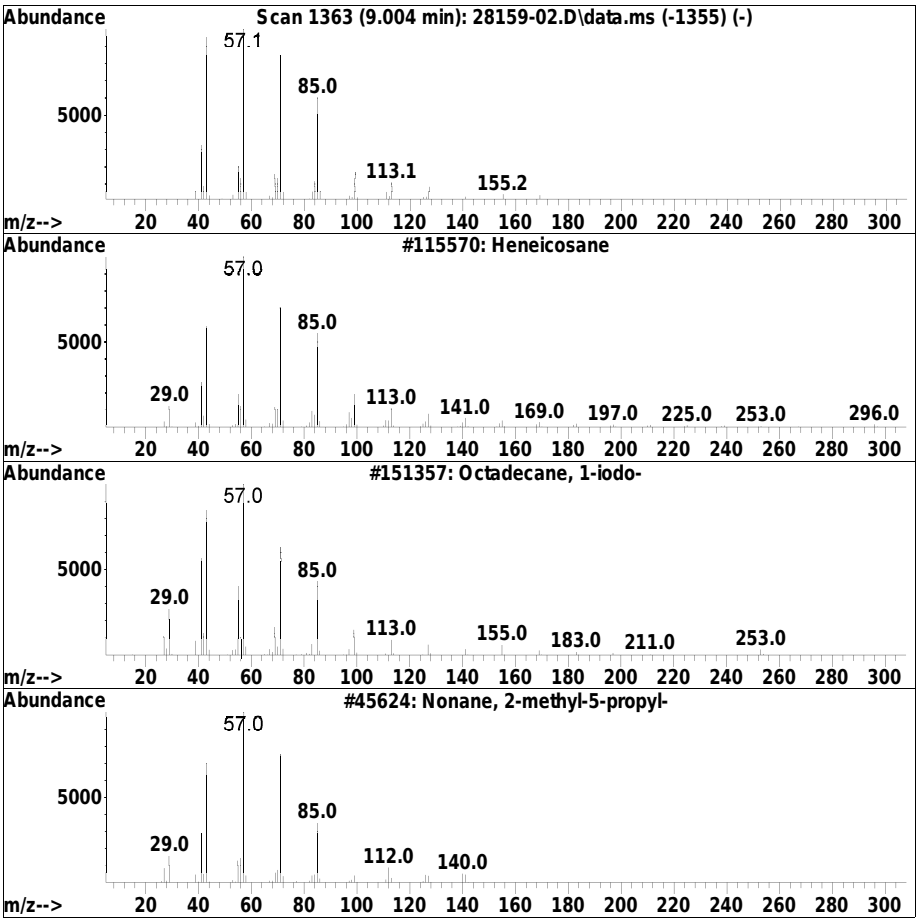
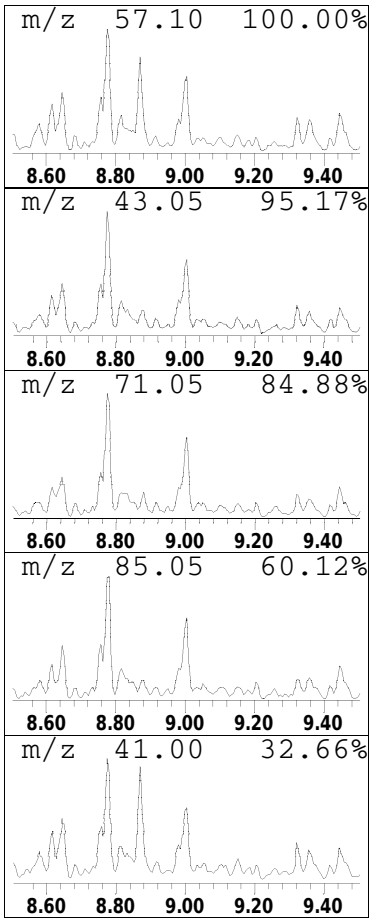
Peak Number 8 Unknown Alkane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.004	1.75 ug/ml	71484	IS3_Acenaphthene-d10	8.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
3	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	78
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
5	Eicosane	282	C20H42	000112-95-8	72





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Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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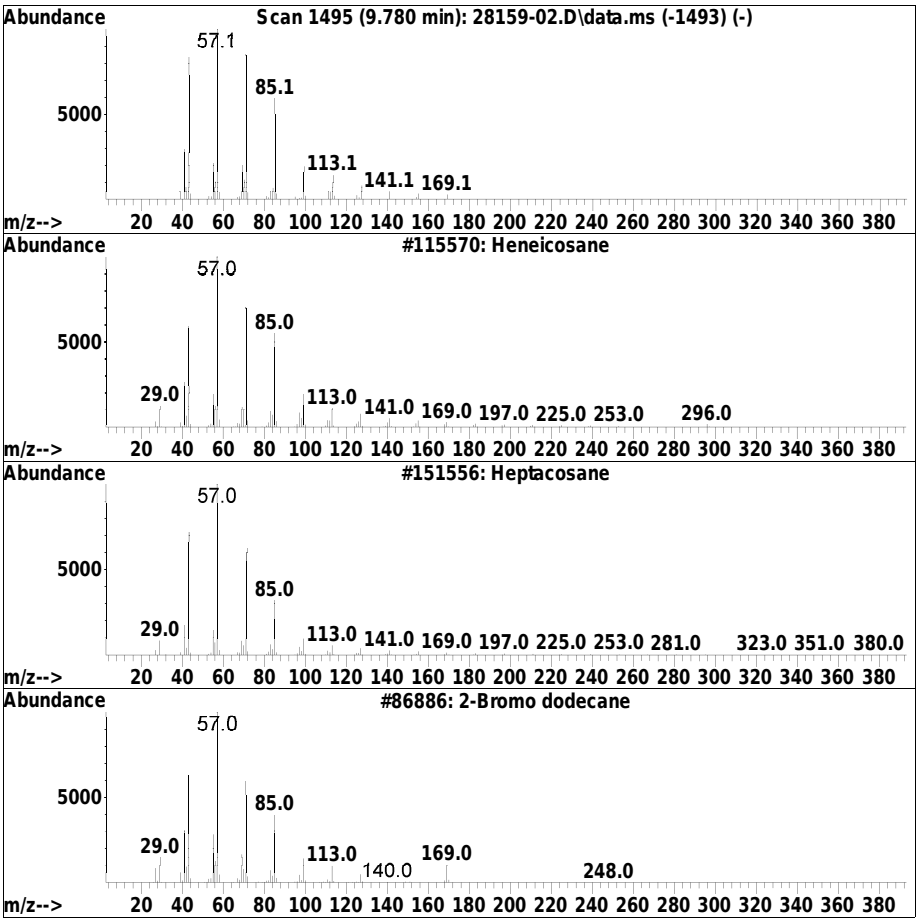
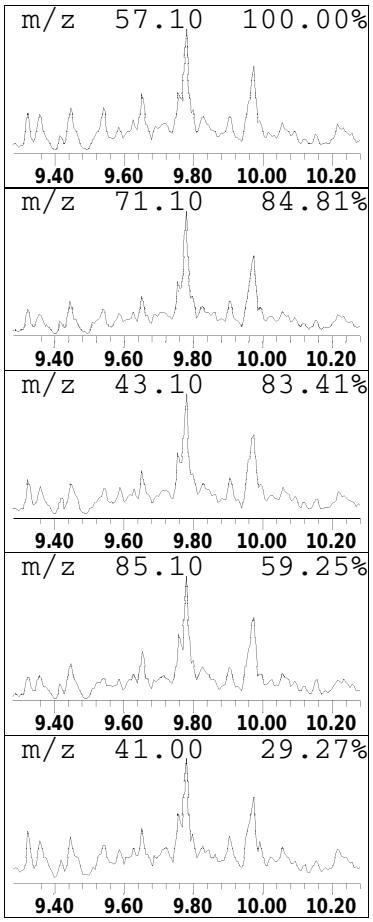
Peak Number 9 Unknown Alkane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.780	1.71 ug/ml	60680	IS1_Phenanthrene-d10	10.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptacosane	380	C27H56	000593-49-7	83
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	78
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78





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Sample : l1928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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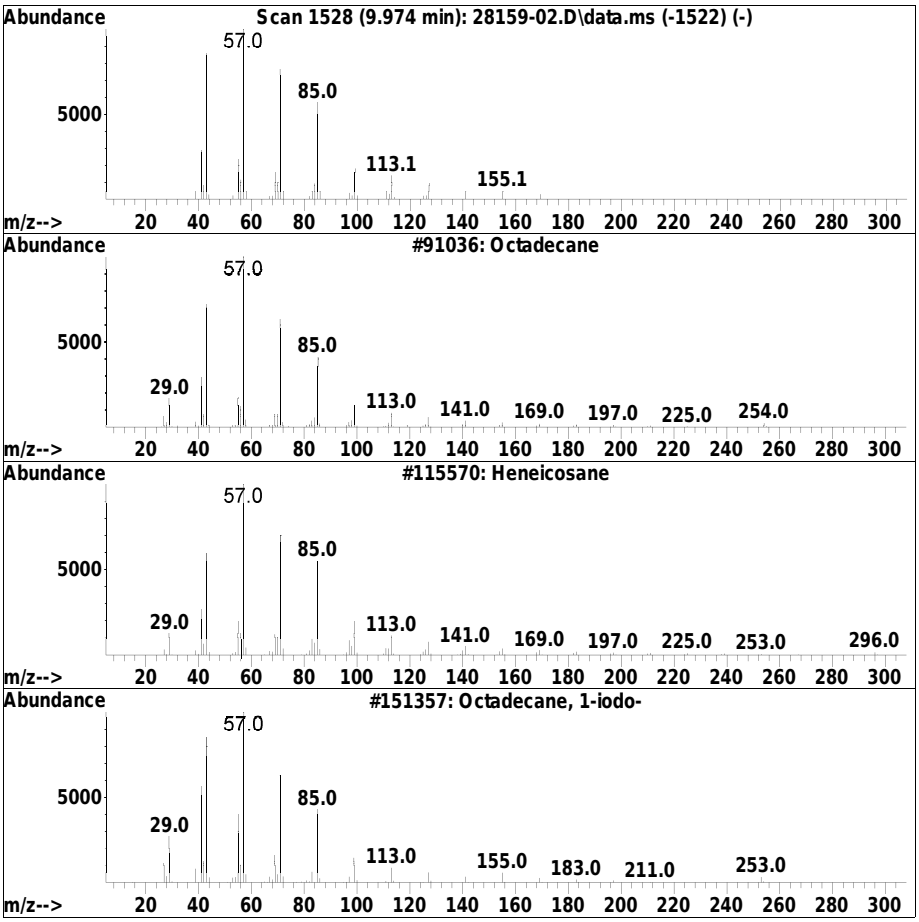
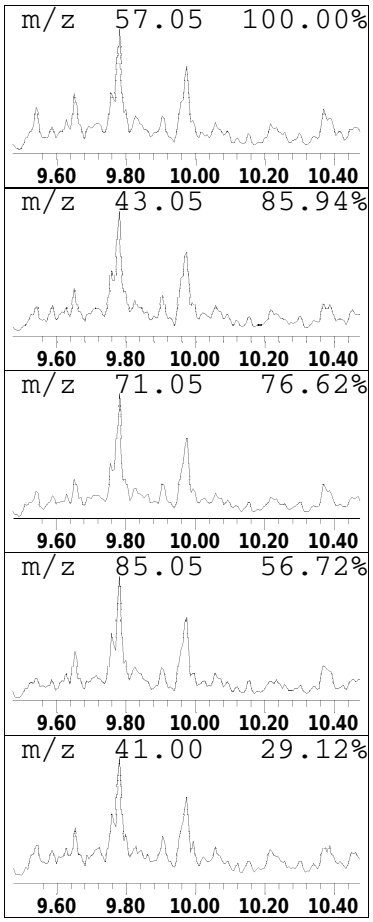
Peak Number 10 Unknown Alkane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.974	1.90 ug/ml	67373	IS1_Phenanthrene-d10	10.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heneicosane	296	C21H44	000629-94-7	86
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Tetracosane	338	C24H50	000646-31-1	83
5	Heptadecane	240	C17H36	000629-78-7	83





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Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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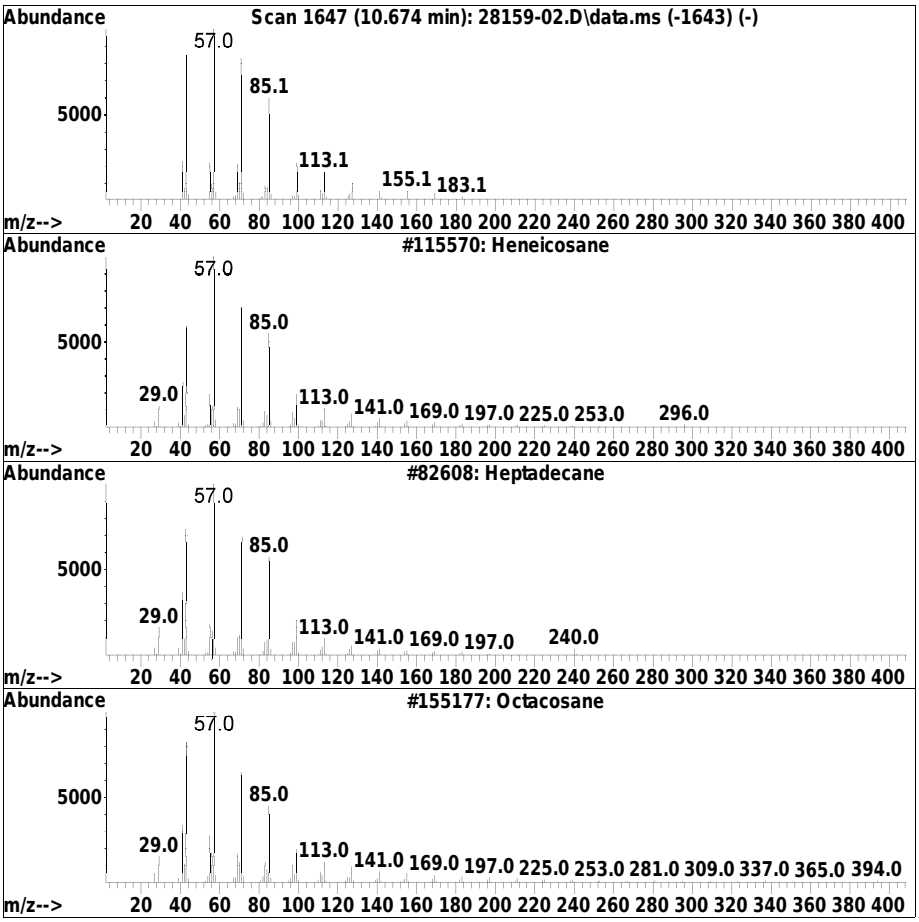
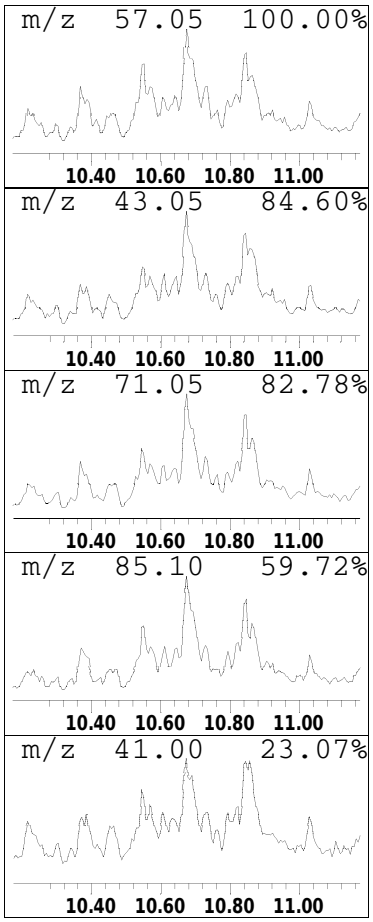
Peak Number 11 Unknown Alkane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.674	1.57 ug/ml	55586	IS3_Phenanthrene-d10	10.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Octacosane	394	C28H58	000630-02-4	83
4	Triacontane	422	C30H62	000638-68-6	83
5	Tetratriacontane	479	C34H70	014167-59-0	78





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ALS Vial : 11 Sample Multiplier: 1

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Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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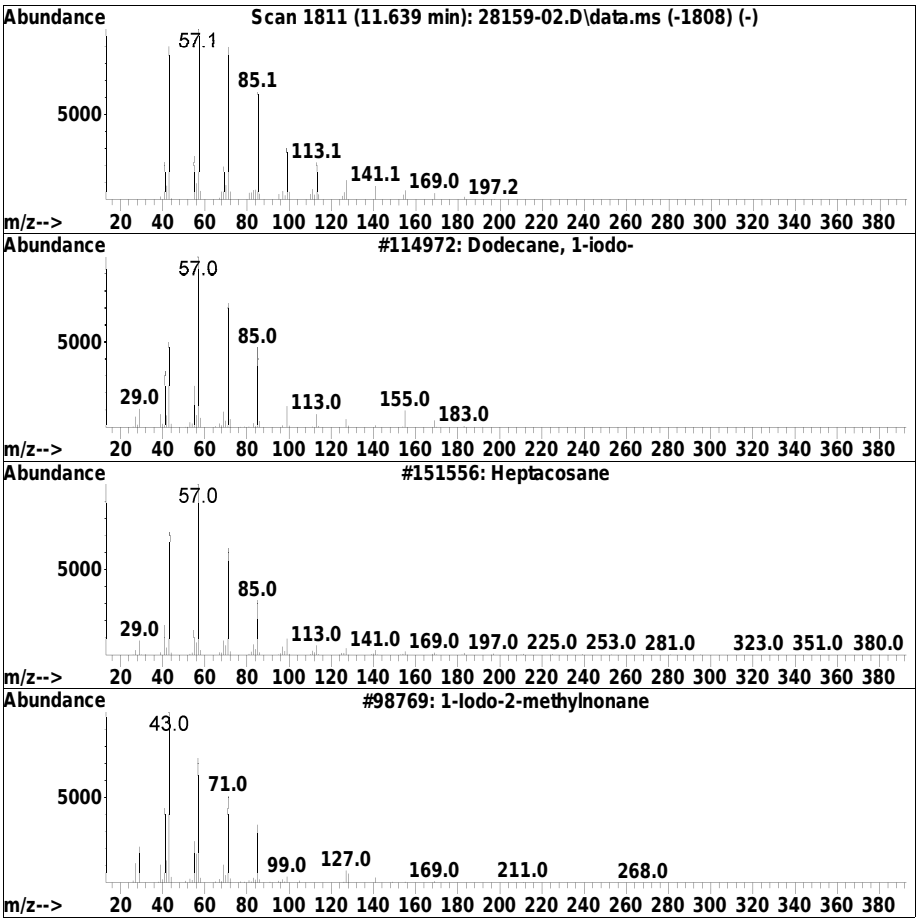
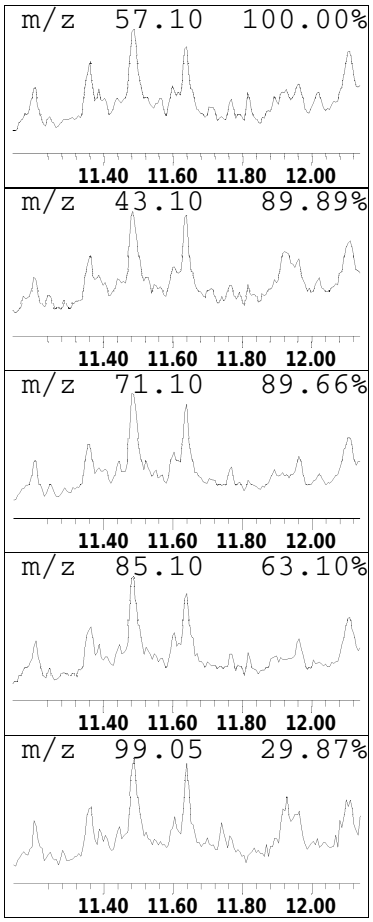
Peak Number 12 Unknown Alkane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.639	1.19 ug/ml	45920	IS1_Chrysene-d12	12.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
2	Heptacosane	380	C27H56	000593-49-7	59
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	59
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53





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Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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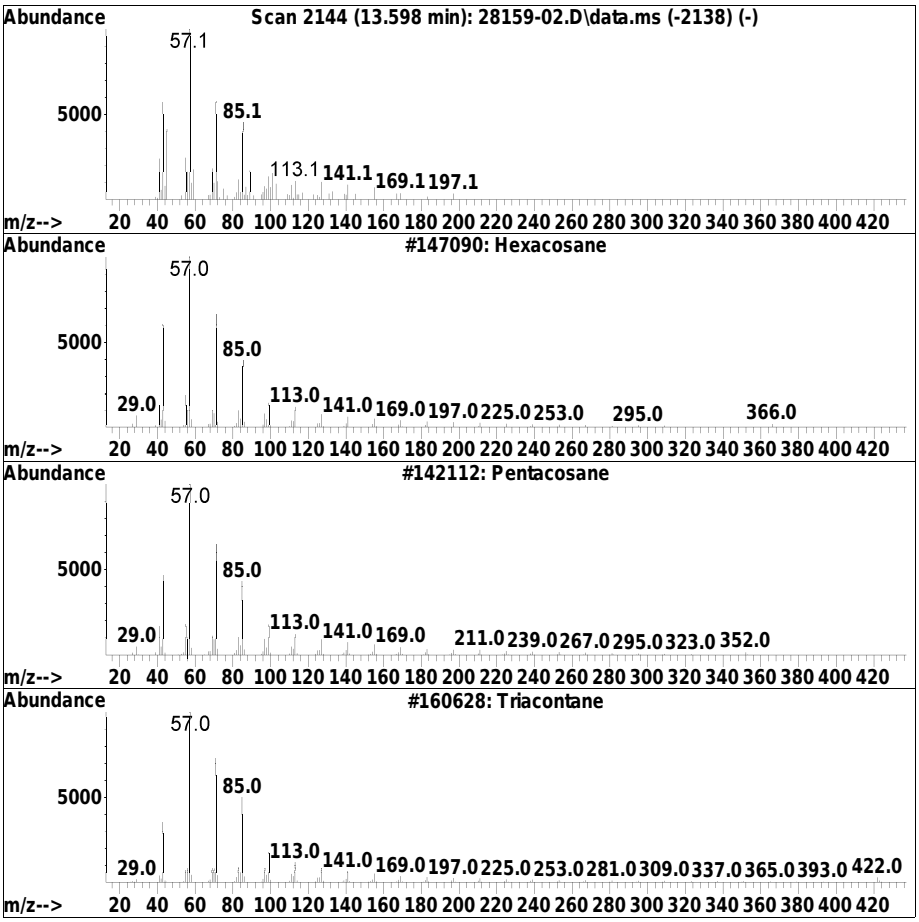
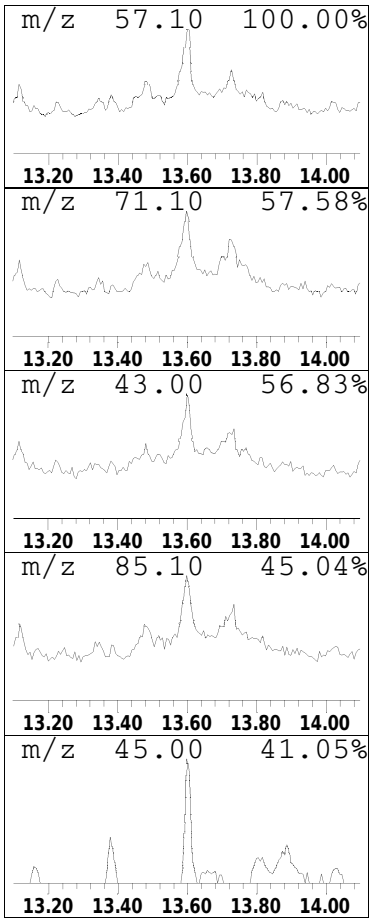
Peak Number 13 Unknown Alkane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.598	1.18 ug/ml	46801	IS1_Perylene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	53
2	Pentacosane	352	C25H52	000629-99-2	53
3	Triacontane	422	C30H62	000638-68-6	49
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	47
5	Heneicosane	296	C21H44	000629-94-7	47





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
Operator : SV106:sz
Sample : l1928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

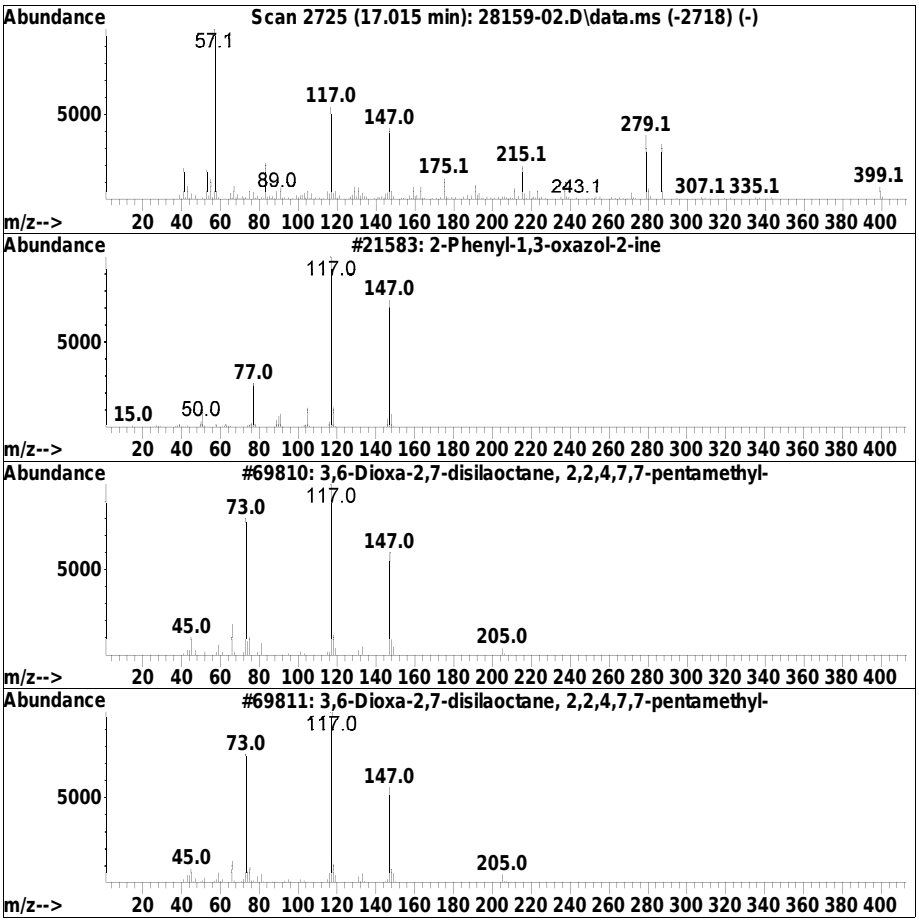
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

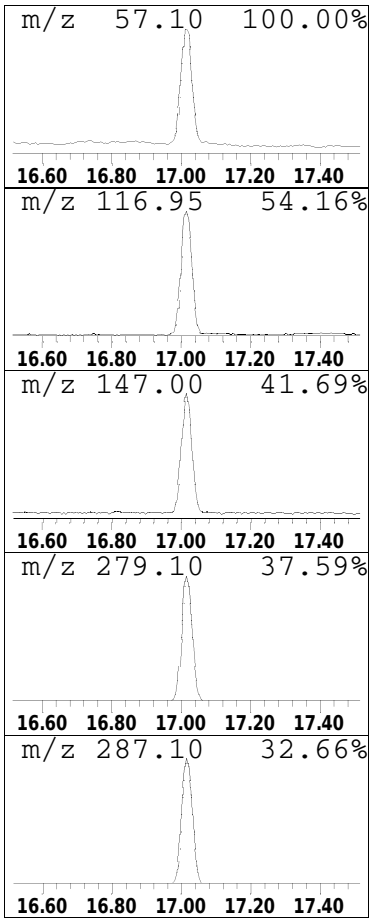
****

Peak Number 14 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.015	7.75 ug/ml	308403	IS1_Perylene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenyl-1,3-oxazol-2-ine	147	C9H9NO	007127-19-7	30
2	3,6-Dioxa-2,7-disilaoctane, 2,2,...	220	C9H24O2Si2	017887-27-3	16
3	3,6-Dioxa-2,7-disilaoctane, 2,2,...	220	C9H24O2Si2	017887-27-3	12
4	2-Propanol, 1-(4-methylphenyl)-3...	224	C11H16N2O3	138416-27-0	10
5	N-Acetyl-4-(2',3'-dihydroxypropo...	267	C13H17NO5	1000122-55-5	10





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
Operator : SV106:sz
Sample : l1928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

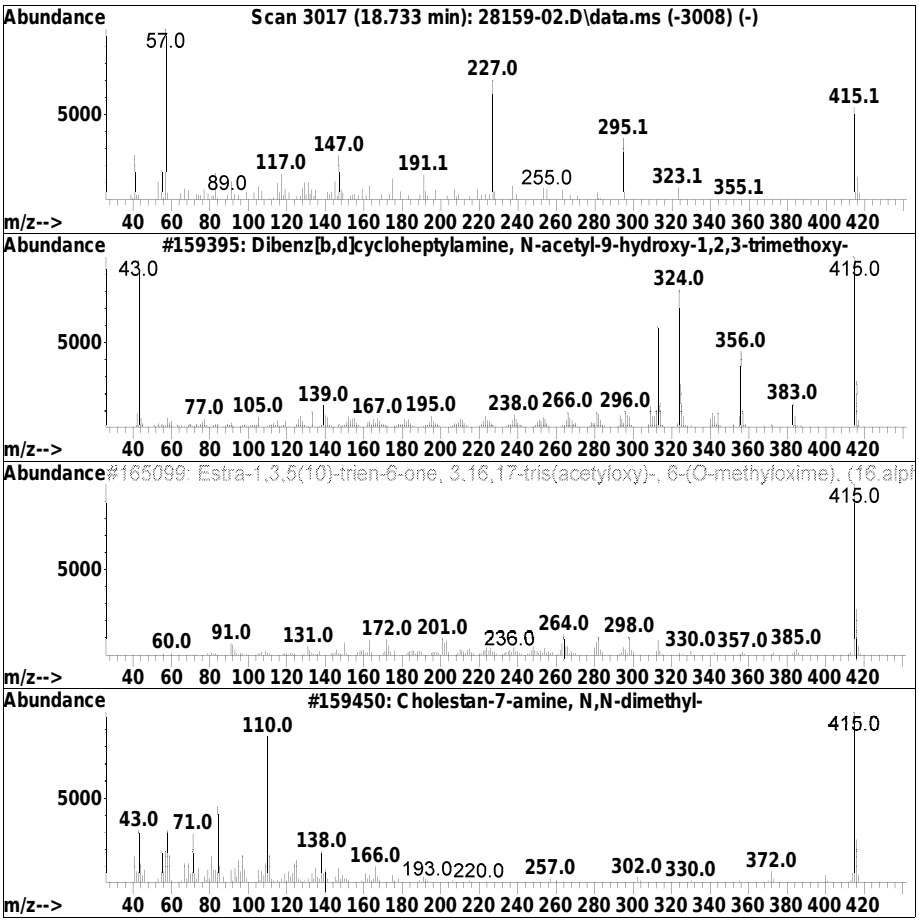
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

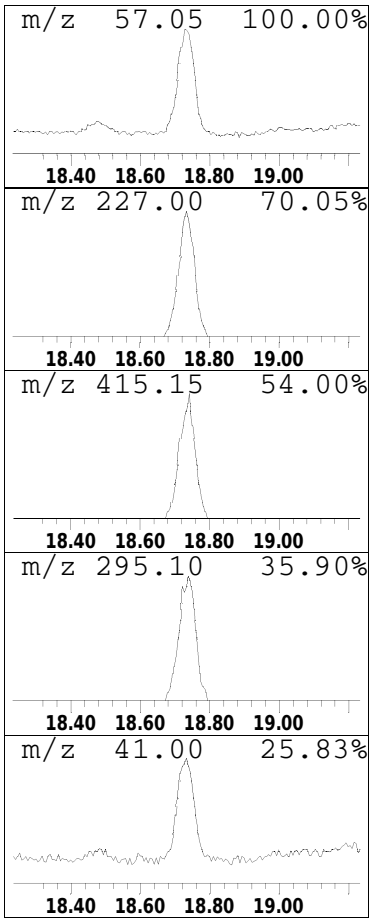
****

Peak Number 15 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.733	3.23 ug/ml	128564	IS1_Perylene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[b,d]cycloheptylamine, N-a...	415	C22H25NO7	094013-16-8	22
2	Estra-1,3,5(10)-trien-6-one, 3,1...	457	C25H31NO7	074299-47-1	12
3	Cholestan-7-amine, N,N-dimethyl-	415	C29H53N	055331-89-0	12
4	N-Carboxyethylcolchiceine	415	C22H25NO7	1000128-25-0	12
5	Dibenz[b,d]cycloheptylamine, N-a...	415	C22H25NO7	094013-16-8	12





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-02.D
Acq On : 30 Jun 2019 2:40 am
Operator : SV106:sz
Sample : 11928159-02,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Aldol Condensates	1.963	9.7	ug/ml	185326	1	5.345	76576	4.0
Unknown Alkane	5.916	2.9	ug/ml	56403	3	5.345	76576	4.0
Unknown Alkane	5.969	1.4	ug/ml	27439	3	5.345	76576	4.0
Unknown	6.363	4.3	ug/ml	112545	4	6.969	103677	4.0
Unknown Alkane	7.122	1.7	ug/ml	43841	5	6.969	103677	4.0
Unknown Aldehyde	7.598	4.3	ug/ml	111399	5	6.969	103677	4.0
Unknown Phenol	8.869	2.7	ug/ml	112105	8	8.751	163596	4.0
Unknown Alkane	9.004	1.7	ug/ml	71484	8	8.751	163596	4.0
Unknown Alkane	9.780	1.7	ug/ml	60680	9	10.163	141693	4.0
Unknown Alkane	9.974	1.9	ug/ml	67373	9	10.163	141693	4.0
Unknown Alkane	10.674	1.6	ug/ml	55586	11	10.163	141693	4.0
Unknown Alkane	11.639	1.2	ug/ml	45920	12	12.698	154597	4.0
Unknown Alkane	13.598	1.2	ug/ml	46801	13	14.074	159100	4.0
Unknown	17.015	7.8	ug/ml	308403	13	14.074	159100	4.0
Unknown	18.733	3.2	ug/ml	128564	13	14.074	159100	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : 11928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 30 13:49:39 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\190629LVI\ABN0629.D
: 2 - I:\8270\SV106\190629LVI\ADP0629.D
: 3 - I:\8270\SV106\190629LVI\AP9P0629.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.345	150	21660	4.000	ug/ml		0.00
Standard Area 1 = 24422			Recovery = 88.69%				
27) IS2_1,4-Dichlorobenzen...	5.345	150	21660	4.000	ug/ml		0.00
Standard Area 3 = 25078			Recovery = 86.37%				
34) IS1_Naphthalene-d8	6.969	136	52797	4.000	ug/ml		0.00
Standard Area 1 = 50762			Recovery = 104.01%				
54) IS2_Naphthalene-d8	6.969	136	52797	4.000	ug/ml		0.00
Standard Area 3 = 63393			Recovery = 83.29%				
62) IS1_Acenaphthene-d10	8.745	164	29185	4.000	ug/ml	#	0.00
Standard Area 1 = 26471			Recovery = 110.25%				
85) IS3_Acenaphthene-d10	8.745	164	29185	4.000	ug/ml	#	0.00
Standard Area 2 = 27737			Recovery = 105.22%				
87) IS1_Phenanthrene-d10	10.163	188	57175	4.000	ug/ml	#	0.00
Standard Area 1 = 47531			Recovery = 120.29%				
103) IS1_Chrysene-d12	12.692	240	55524	4.000	ug/ml	#	0.00
Standard Area 1 = 45610			Recovery = 121.74%				
112) IS1_Perylene-d12	14.074	264	61667	4.000	ug/ml		0.00
Standard Area 1 = 53503			Recovery = 115.26%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.510	112	10580	2.638	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 52.76%				
7) Phenol-d6	4.963	99	10427	2.184	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 43.68%				
19) Nitrobenzene-d5	6.151	82	5905	1.448	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 57.92%				
45) 2-Fluorobiphenyl	8.133	172	15520	1.559	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 62.36%				
78) 2,4,6-Tribromophenol	9.516	330	5525	3.320	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 66.40%				
95) 4-Terphenyl-d14	11.745	244	21743	1.882	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 75.28%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	d		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : 11928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 30 13:49:39 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\190629LVI\ABN0629.D
: 2 - I:\8270\SV106\190629LVI\ADP0629.D
: 3 - I:\8270\SV106\190629LVI\AP9P0629.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.	d	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
20) Nitrobenzene	0.000		0	N.D.	d	
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.	d	
29) Acetophenone	0.000		0	N.D.	d	
35) Naphthalene	6.986	128	97310	6.879	ug/ml	99
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.	d	
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.	d	
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.	d	
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.	d	
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : 11928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 30 13:49:39 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\190629LVI\ABN0629.D
: 2 - I:\8270\SV106\190629LVI\ADP0629.D
: 3 - I:\8270\SV106\190629LVI\AP9P0629.D
Sub List : NJLiq_combo - NJTCL+7 Additional

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.			
106)	Chrysene	0.000		0	N.D.			
107)	Bis(2-ethylhexyl)phtha...	12.886	149	1356	0.449	ug/ml	#	52
108)	Di-n-octylphthalate	0.000		0	N.D.	d		
115)	Benzo(ghi)perylene	0.000		0	N.D.			

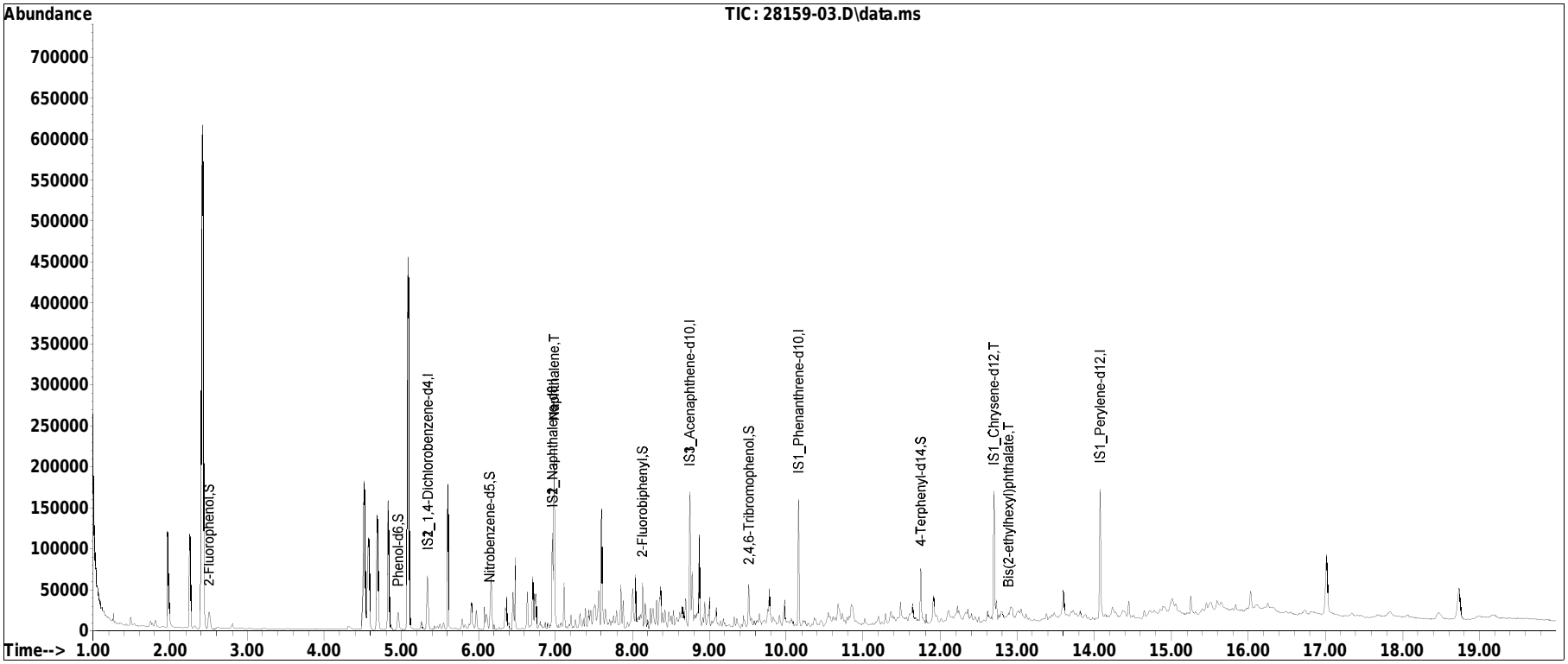
(#) = qualifier out of range (m) = manual integration (+) = signals summed

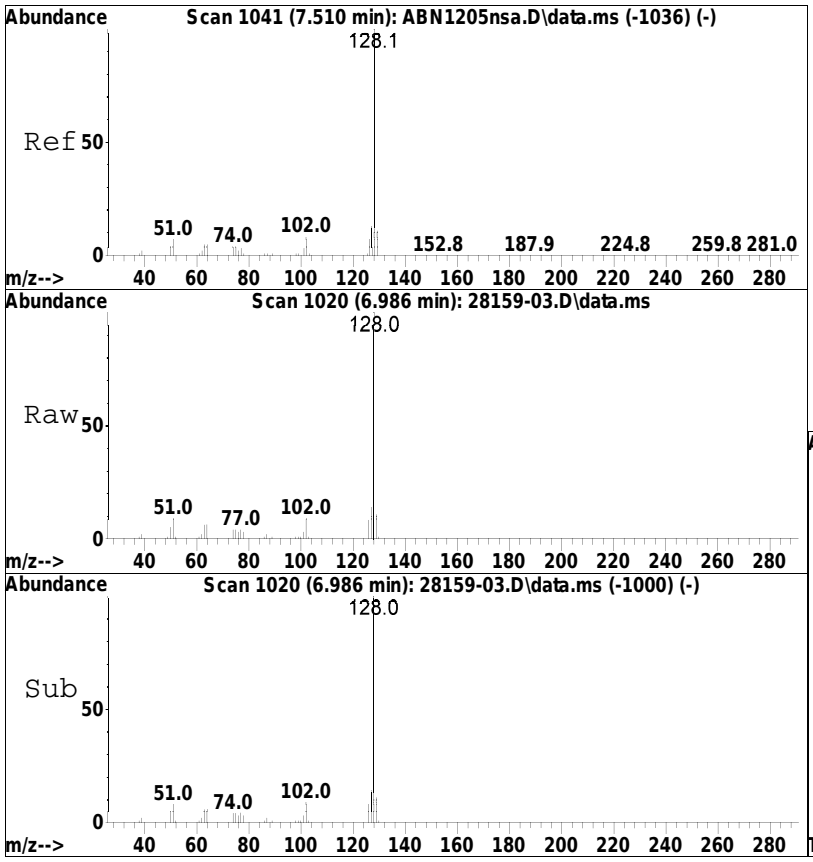
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 30 13:49:39 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional0629.D•

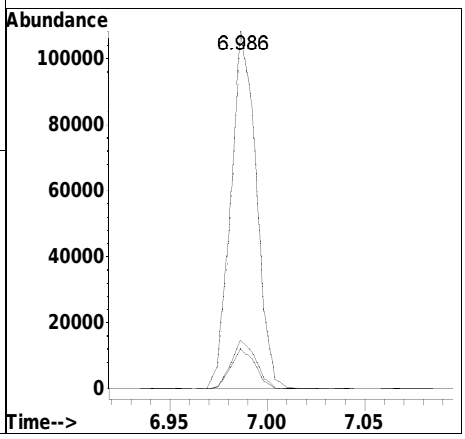


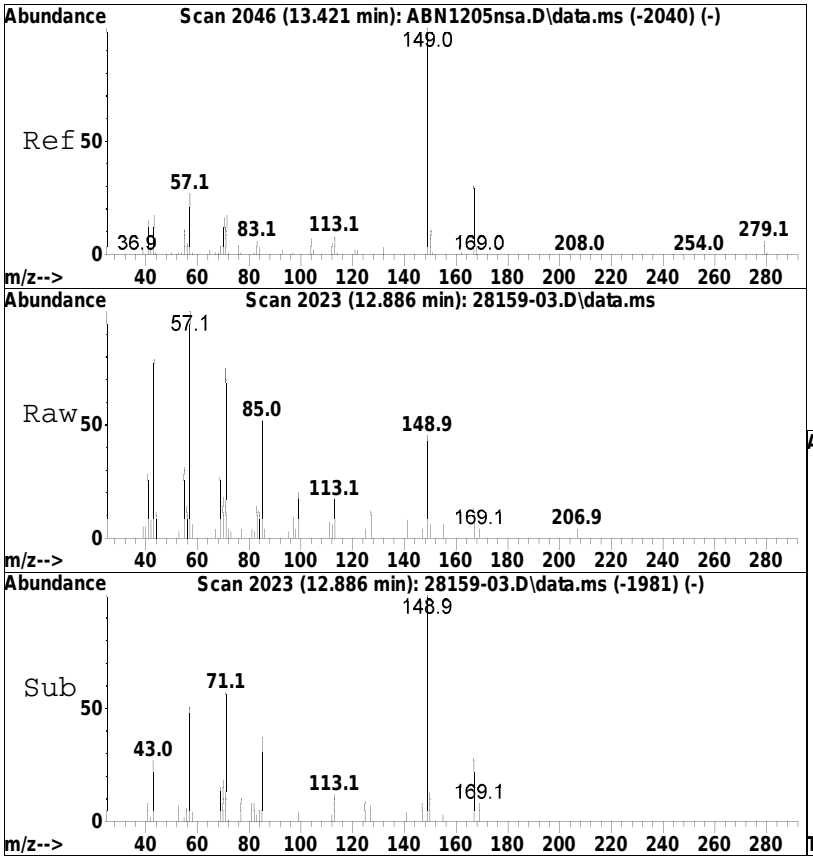


#35
Naphthalene
Concen: 6.88 ug/ml
RT: 6.986 min Scan# 1020
Delta R.T. -0.006 min
Lab File: 28159-03.D
Acq: 30 Jun 2019 3:06 am

Tgt Ion:128 Resp: 97310

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.5	10.3	15.5

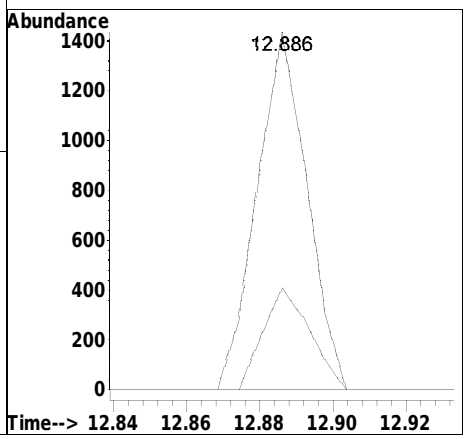




#107
Bis(2-ethylhexyl)phthalate
Concen: 0.45 ug/ml
RT: 12.886 min Scan# 2023
Delta R.T. -0.006 min
Lab File: 28159-03.D
Acq: 30 Jun 2019 3:06 am

Tgt Ion:149 Resp: 1356

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.1	33.1#
279	0.0	3.0	4.4#



Manual Integration Report

Data Path	: I:\8270\SV106\190629LVI\	QMethod	: FS190429nLVISV106.m
Data File	: 28159-03.D	Operator	: SV106:sz
Date Inj'd	: 6/30/2019 3:06 am	Instrument	: SV 106
Sample	: l1928159-03,32,,nj-bnext,t	Quant Date	: 6/30/2019 1:43 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : 11928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 28159-03.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.963	163	166	182	rVB	116891	159046	14.95%	2.144%
2	2.251	210	215	222	rVV	114417	173789	16.34%	2.342%
3	2.422	234	244	255	rBV	613963	1063508	100.00%	14.333%
4	2.510	255	259	270	rVB	20921	34991	3.29%	0.472%
5	4.516	592	600	606	rBV	180703	333329	31.34%	4.492%
6	4.575	606	610	621	rVV	111958	200538	18.86%	2.703%
7	4.687	621	629	638	rVB	139977	229984	21.63%	3.100%
8	4.834	646	654	660	rBV	156788	244506	22.99%	3.295%
9	4.963	671	676	684	rBV	21195	30341	2.85%	0.409%
10	5.092	692	698	710	rVB	454038	611711	57.52%	8.244%
11	5.345	736	741	748	rVB	65353	77686	7.30%	1.047%
12	5.604	781	785	795	rBV	176518	212125	19.95%	2.859%
13	5.910	833	837	844	rVB2	31503	46889	4.41%	0.632%
14	5.975	844	848	853	rVB2	22747	26204	2.46%	0.353%
15	6.087	862	867	869	rBV	27613	29807	2.80%	0.402%
16	6.110	869	871	875	rVV2	18390	24017	2.26%	0.324%
17	6.163	875	880	885	rVB3	62611	79220	7.45%	1.068%
18	6.345	907	911	912	rBV2	25003	25768	2.42%	0.347%
19	6.363	912	914	917	rVV	38219	37229	3.50%	0.502%
20	6.451	925	929	932	rBV	44919	44448	4.18%	0.599%
21	6.481	932	934	938	rVB	85483	70957	6.67%	0.956%
22	6.639	955	961	965	rBV2	45669	46814	4.40%	0.631%
23	6.710	969	973	975	rVV	61792	60140	5.65%	0.811%
24	6.734	975	977	978	rVV	40671	34673	3.26%	0.467%
25	6.751	978	980	984	rVB	42029	36265	3.41%	0.489%
26	6.969	1014	1017	1018	rVV	116204	105593	9.93%	1.423%
27	6.986	1018	1020	1027	rVV	221837	203227	19.11%	2.739%
28	7.122	1039	1043	1047	rVB	54780	49477	4.65%	0.667%

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : 11928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.322	1073	1077	1081	rBV3	17104	20854	1.96%	0.281%
30	7.386	1086	1088	1092	rVB	22413	20056	1.89%	0.270%
31	7.439	1096	1097	1099	rVV	20499	15819	1.49%	0.213%
32	7.469	1099	1102	1104	rVV3	19199	21766	2.05%	0.293%
33	7.516	1104	1110	1113	rVV3	26189	52519	4.94%	0.708%
34	7.563	1113	1118	1121	rVV2	42225	54745	5.15%	0.738%
35	7.604	1121	1125	1127	rVV	142487	133048	12.51%	1.793%
36	7.651	1131	1133	1138	rVB3	19312	21993	2.07%	0.296%
37	7.792	1155	1157	1161	rVB2	17726	17245	1.62%	0.232%
38	7.851	1163	1167	1170	rBV	48502	38648	3.63%	0.521%
39	7.881	1170	1172	1176	rVB2	33653	27359	2.57%	0.369%
40	8.004	1184	1193	1197	rBV3	45771	72503	6.82%	0.977%
41	8.039	1197	1199	1203	rVB	57096	42710	4.02%	0.576%
42	8.133	1212	1215	1218	rVB	52973	45970	4.32%	0.620%
43	8.169	1218	1221	1224	rVB	28742	23167	2.18%	0.312%
44	8.245	1231	1234	1236	rBV	24983	20574	1.93%	0.277%
45	8.275	1236	1239	1244	rVV4	21716	34934	3.28%	0.471%
46	8.322	1244	1247	1249	rVV	31945	27774	2.61%	0.374%
47	8.357	1249	1253	1254	rVV3	35586	40581	3.82%	0.547%
48	8.369	1254	1255	1258	rVV2	47647	36300	3.41%	0.489%
49	8.398	1258	1260	1263	rVV	15682	16408	1.54%	0.221%
50	8.428	1263	1265	1270	rVB4	21259	23767	2.23%	0.320%
51	8.481	1270	1274	1277	rBV2	18914	26248	2.47%	0.354%
52	8.539	1281	1284	1286	rVV	18316	15221	1.43%	0.205%
53	8.616	1295	1297	1299	rVV	15876	16876	1.59%	0.227%
54	8.645	1299	1302	1304	rVV2	23416	27670	2.60%	0.373%
55	8.669	1304	1306	1308	rVV	16931	15729	1.48%	0.212%
56	8.698	1308	1311	1315	rVB	34375	34500	3.24%	0.465%
57	8.745	1315	1319	1322	rBV	164267	171769	16.15%	2.315%
58	8.775	1322	1324	1327	rVV	65039	62434	5.87%	0.841%
59	8.851	1333	1337	1338	rVV3	16036	24516	2.31%	0.330%
60	8.869	1338	1340	1345	rVB	110184	96422	9.07%	1.300%

LSC Area Percent Report

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : 11928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

61	8.939	1350	1352	1355	rVB	28500	23821	2.24%	0.321%
62	9.004	1355	1363	1366	rVB	34993	52890	4.97%	0.713%
63	9.086	1370	1377	1381	rVV5	20107	32220	3.03%	0.434%
64	9.357	1420	1423	1431	rVB	11669	18390	1.73%	0.248%
65	9.445	1435	1438	1444	rBV3	13622	21504	2.02%	0.290%
66	9.510	1444	1449	1453	rBV	51823	54241	5.10%	0.731%
67	9.651	1471	1473	1478	rVB	13752	15353	1.44%	0.207%
68	9.757	1487	1491	1493	rVV	17109	20519	1.93%	0.277%
69	9.780	1493	1495	1500	rVV2	40483	41461	3.90%	0.559%
70	9.904	1513	1516	1522	rVB	12889	16862	1.59%	0.227%
71	9.975	1522	1528	1530	rBV	31591	47513	4.47%	0.640%
72	10.163	1556	1560	1564	rVB	154763	141778	13.33%	1.911%
73	10.545	1615	1625	1628	rBV	16417	34210	3.22%	0.461%
74	10.674	1643	1647	1654	rBV	21070	40197	3.78%	0.542%
75	10.845	1673	1676	1684	rVB3	21188	46494	4.37%	0.627%
76	11.357	1759	1763	1766	rBV	12362	18750	1.76%	0.253%
77	11.486	1781	1785	1790	rVV	19952	31169	2.93%	0.420%
78	11.639	1808	1811	1816	rVB	18649	25452	2.39%	0.343%
79	11.739	1825	1828	1831	rBV	63930	59730	5.62%	0.805%
80	11.910	1851	1857	1864	rBV	31883	60123	5.65%	0.810%
81	12.110	1884	1891	1895	rBV3	12233	26356	2.48%	0.355%
82	12.221	1901	1910	1912	rBV	15206	29699	2.79%	0.400%
83	12.245	1912	1914	1920	rVV5	10638	15594	1.47%	0.210%
84	12.333	1923	1929	1931	rVV4	9569	21474	2.02%	0.289%
85	12.363	1931	1934	1937	rVV2	13876	19836	1.87%	0.267%
86	12.610	1971	1976	1983	rBV4	12552	26935	2.53%	0.363%
87	12.692	1987	1990	1993	rVV	156967	161610	15.20%	2.178%
88	12.721	1993	1995	1998	rVB	23773	21629	2.03%	0.292%
89	12.798	2003	2008	2013	rVB5	7133	16700	1.57%	0.225%
90	12.916	2024	2028	2036	rVB3	13052	31401	2.95%	0.423%
91	13.051	2048	2051	2058	rVB2	11316	18380	1.73%	0.248%

LSC Area Percent Report

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : 11928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

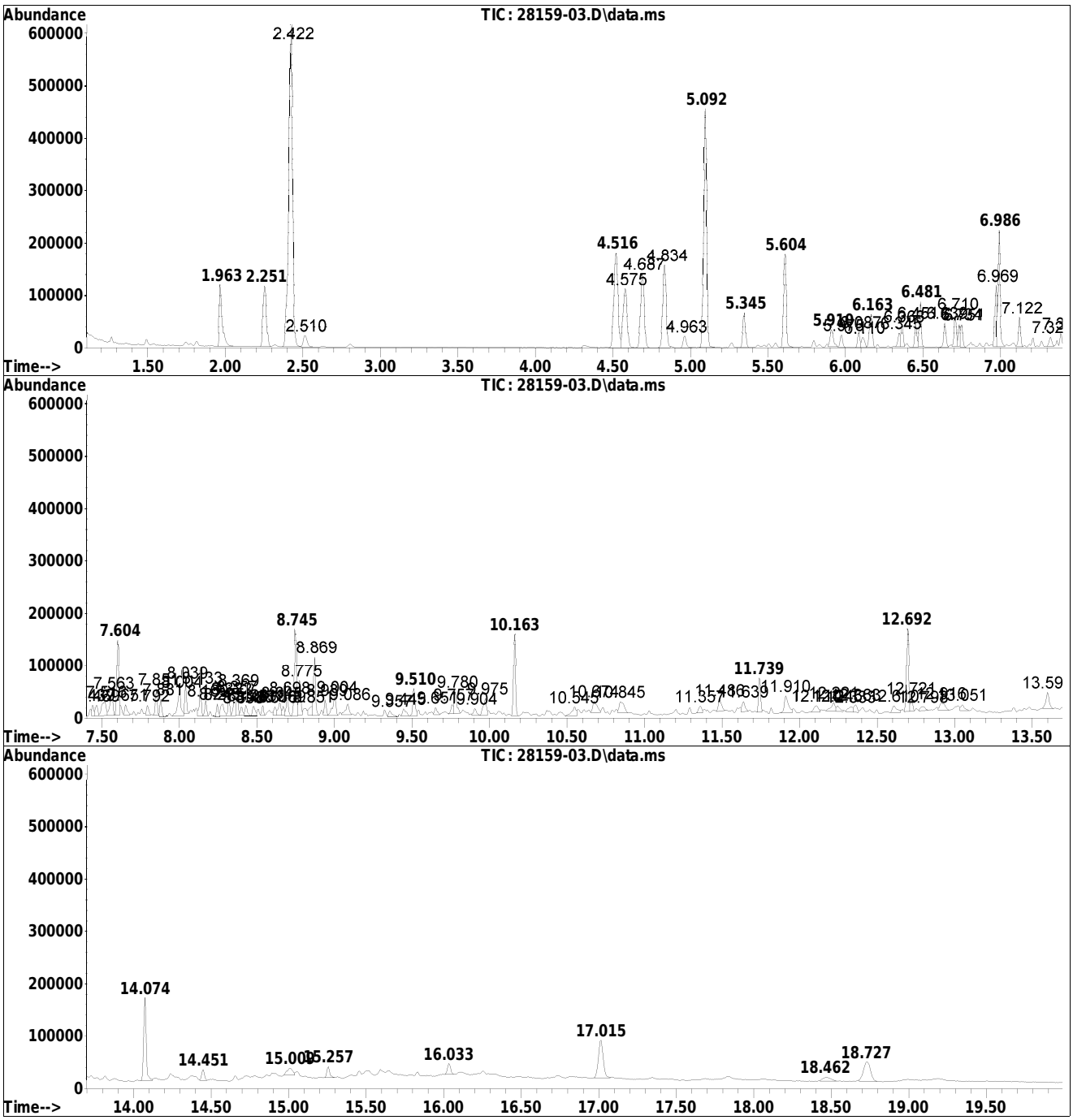
92	13.598	2139	2144	2151	rVB2	30231	44892	4.22%	0.605%
93	14.074	2220	2225	2233	rBV	157988	176762	16.62%	2.382%
94	14.451	2285	2289	2293	rVB	19821	25044	2.35%	0.338%
95	15.009	2377	2384	2389	rBV6	13681	34889	3.28%	0.470%
96	15.257	2422	2426	2433	rVB3	20965	27474	2.58%	0.370%
97	16.033	2554	2558	2563	rBV2	20635	29242	2.75%	0.394%
98	17.015	2717	2725	2735	rBV	71632	151767	14.27%	2.045%
99	18.462	2965	2971	2983	rVB	7519	26626	2.50%	0.359%
100	18.727	3008	3016	3028	rVB4	37332	118440	11.14%	1.596%

Sum of corrected areas: 7419834

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

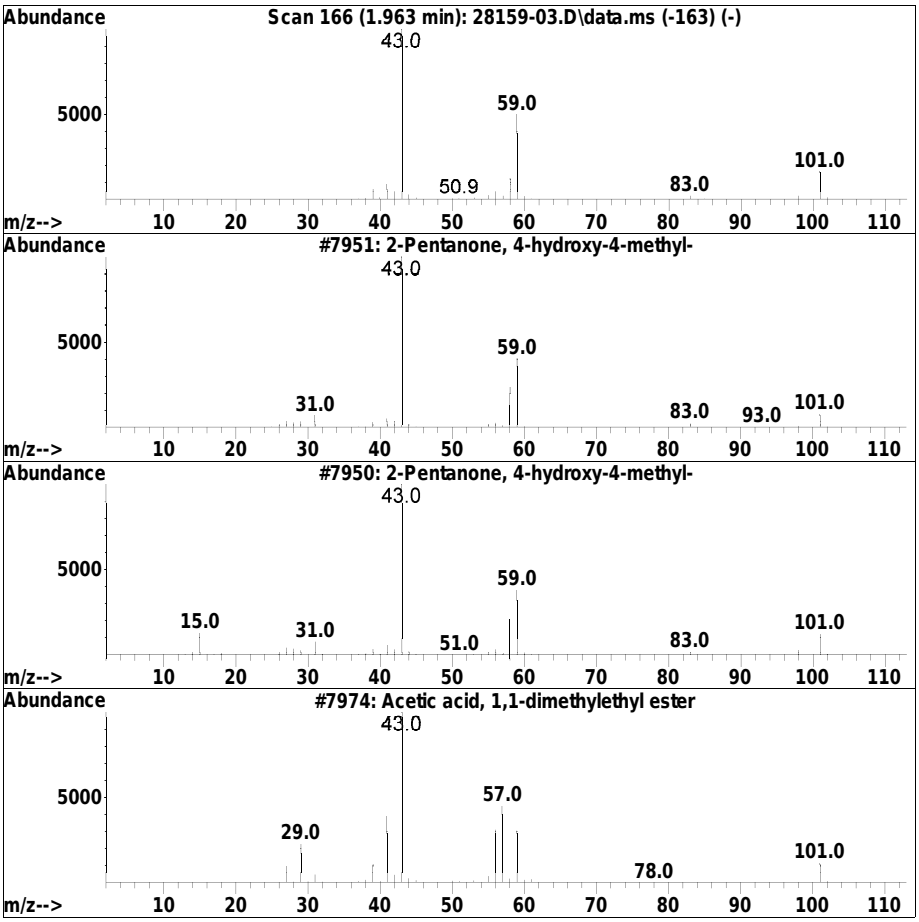
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

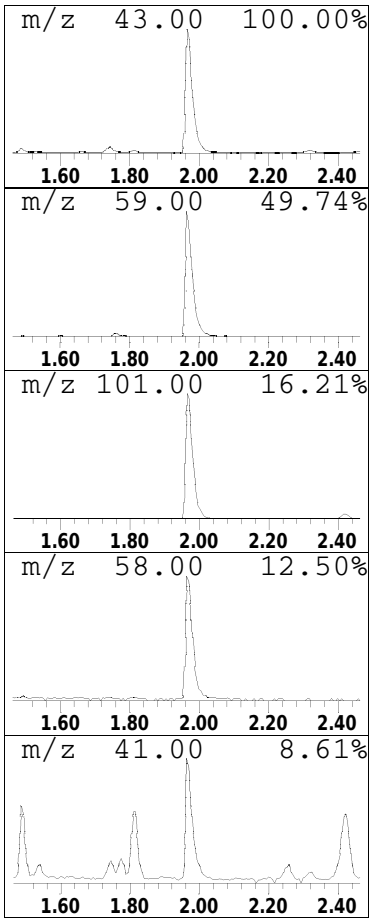
****

Peak Number 1 Aldol Condensates Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.963	8.19 ug/ml	159046	IS2_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

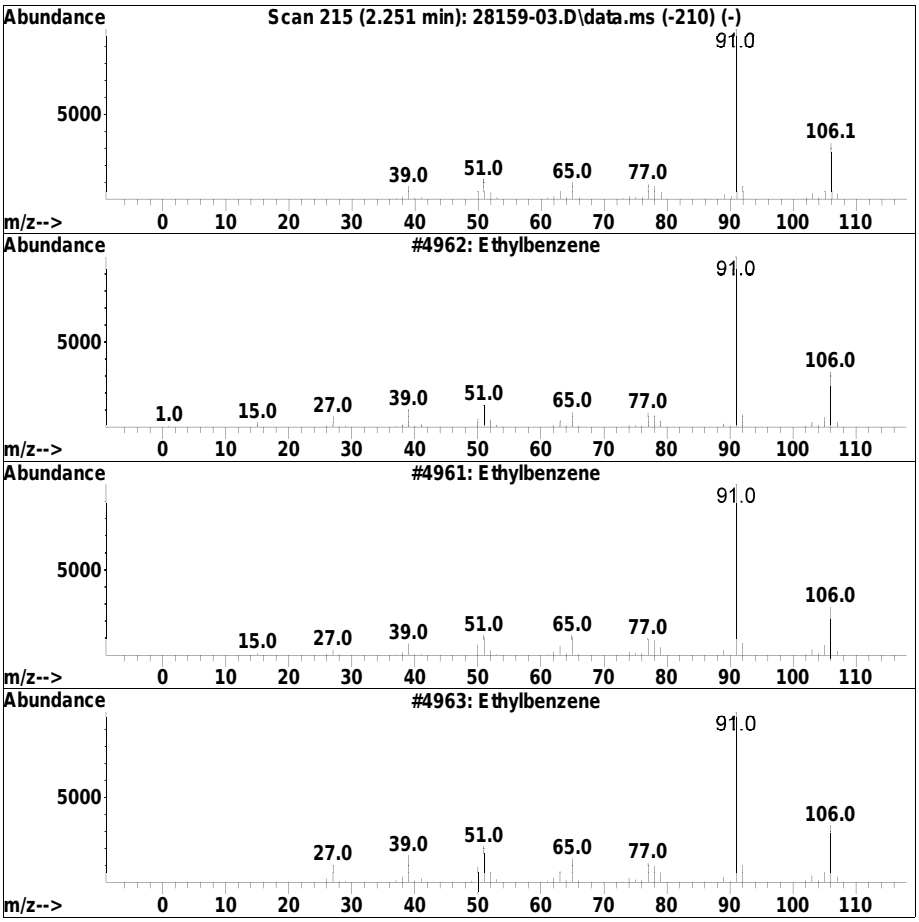
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

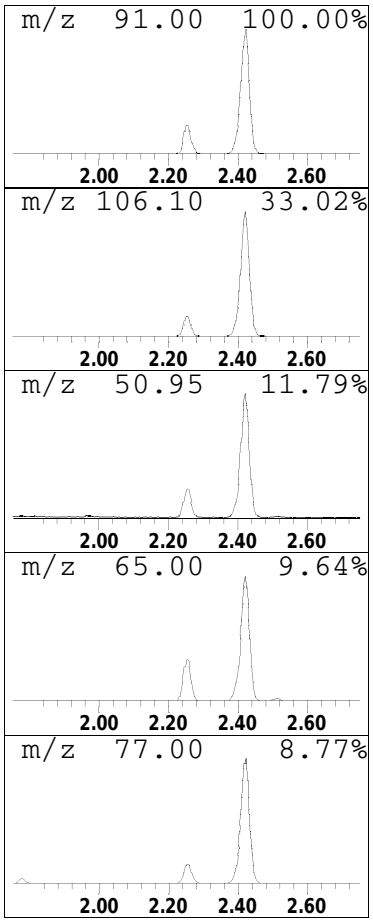
****

Peak Number 2 Ethylbenzene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.251	8.95 ug/ml	173789	IS2_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	p-Xylene	106	C8H10	000106-42-3	72





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

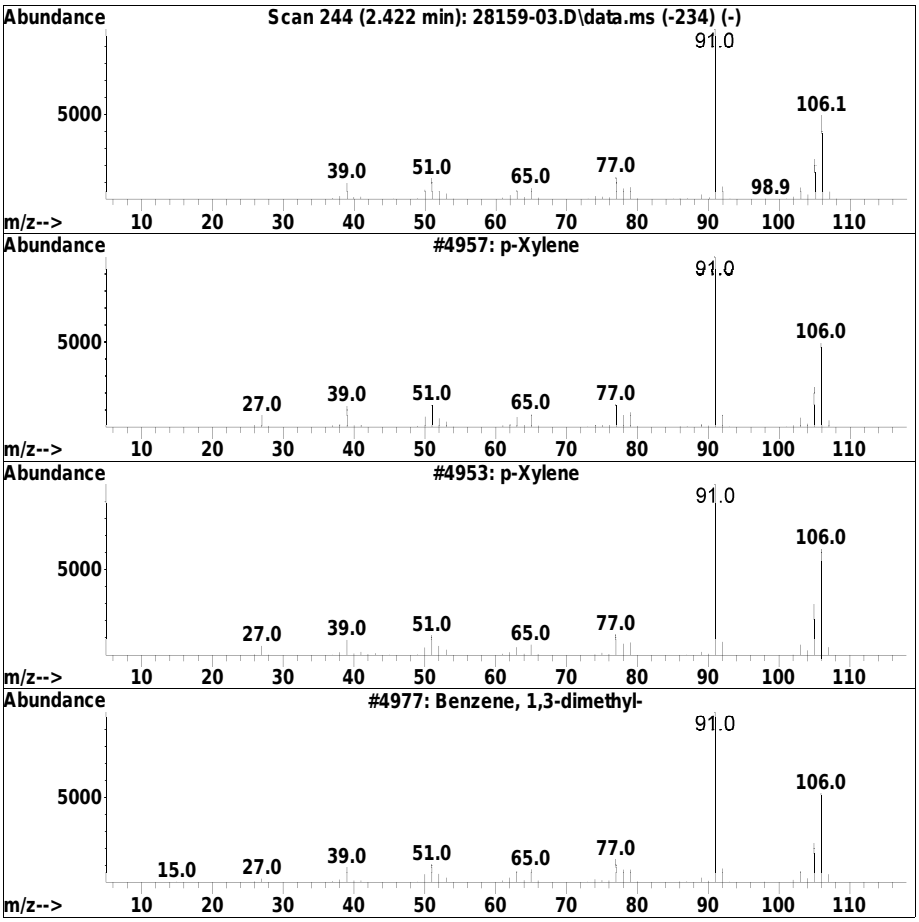
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

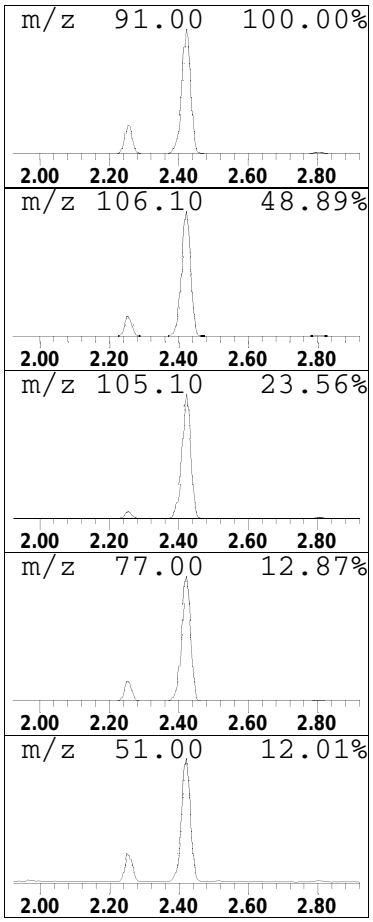
****

Peak Number 3 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.422	54.76 ug/ml	1063510	IS2_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	o-Xylene	106	C8H10	000095-47-6	97
5	p-Xylene	106	C8H10	000106-42-3	97





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

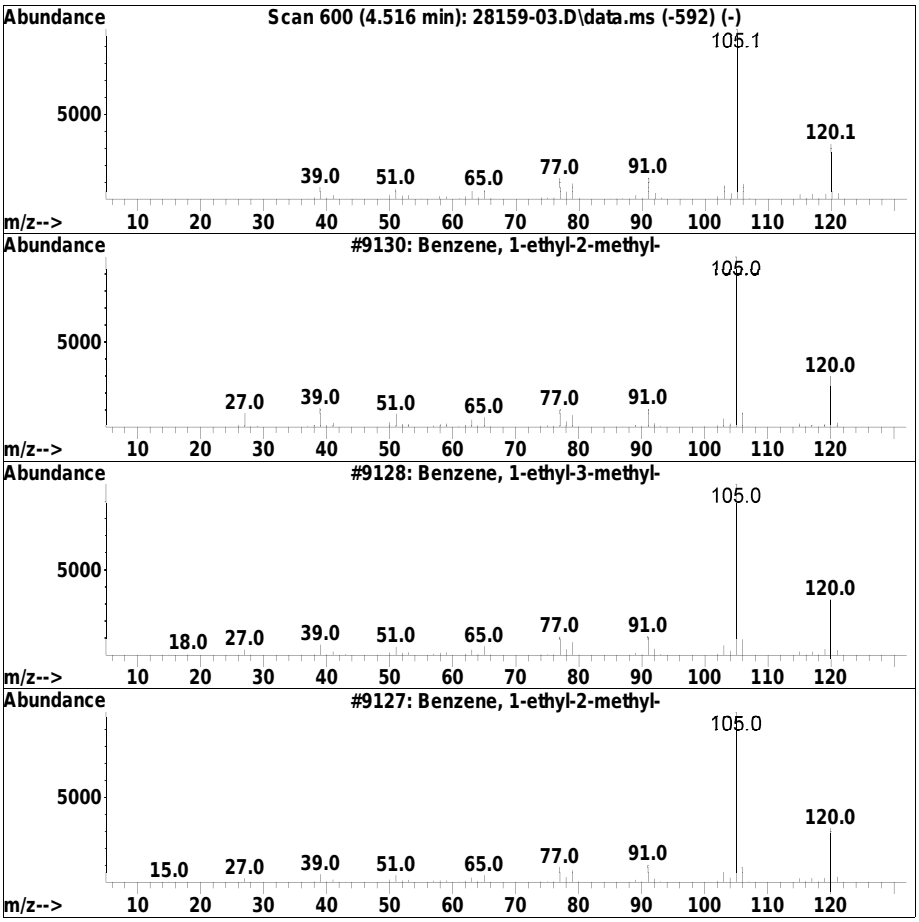
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

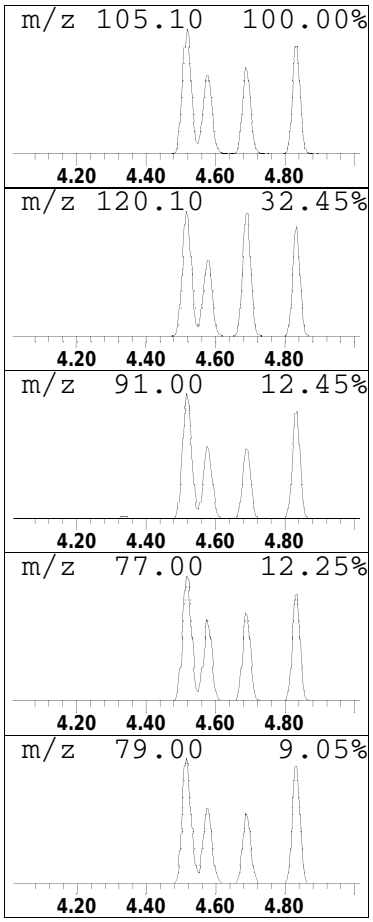
****

Peak Number 4 Unknown Benzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.516	17.16 ug/ml	333329	IS2_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

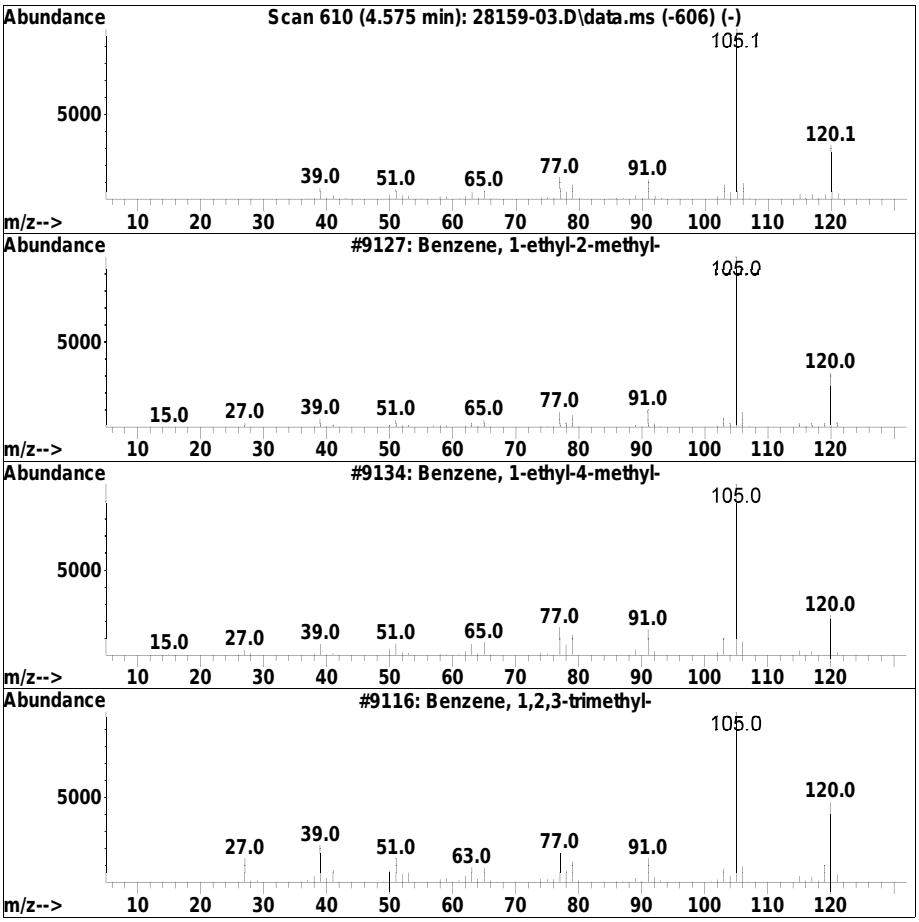
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

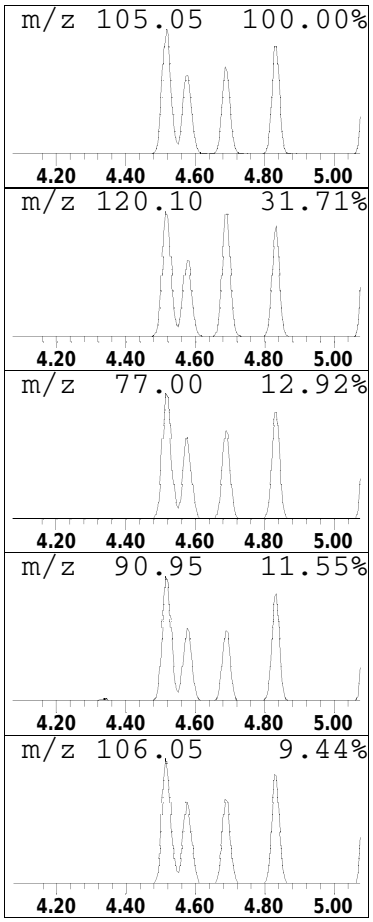
****

Peak Number 5 Unknown Benzene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.575	10.33 ug/ml	200538	IS2_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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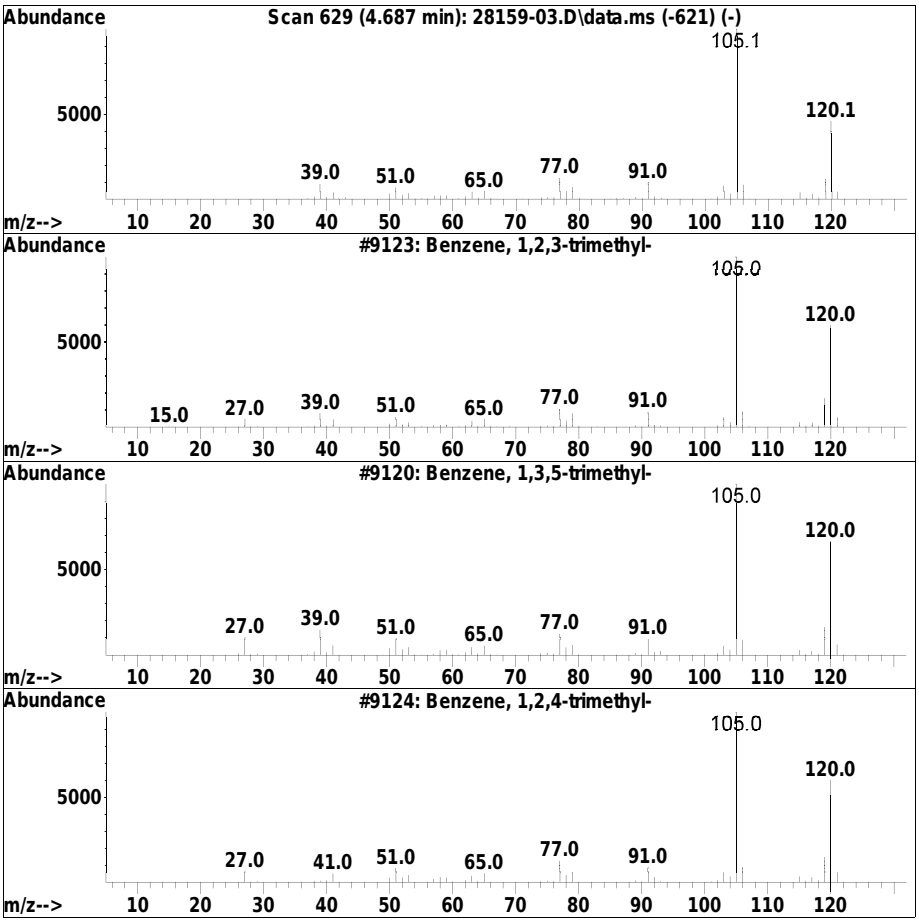
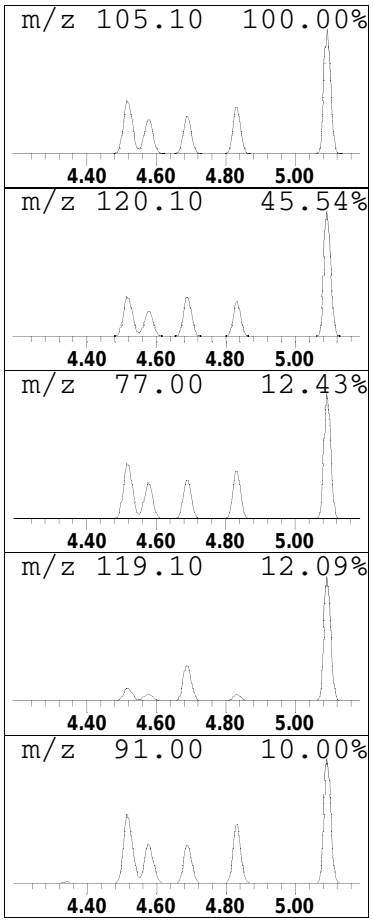
Peak Number 6 Unknown Benzene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.687	11.84 ug/ml	229984	IS2_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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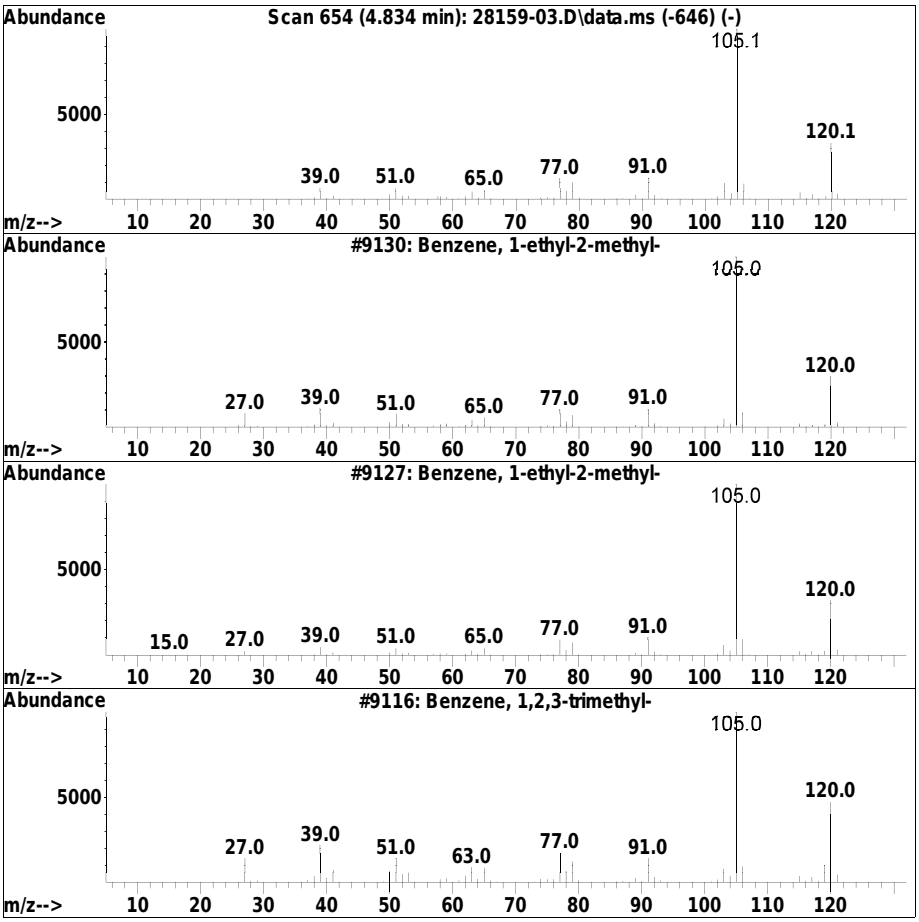
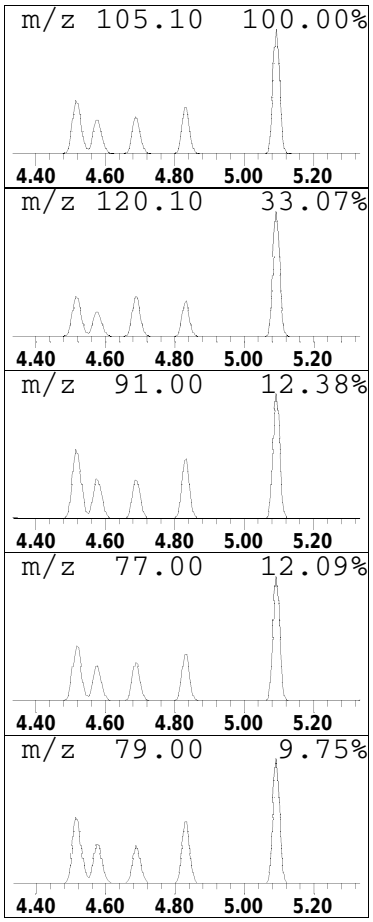
Peak Number 7 Unknown Benzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.834	12.59 ug/ml	244506	IS2_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

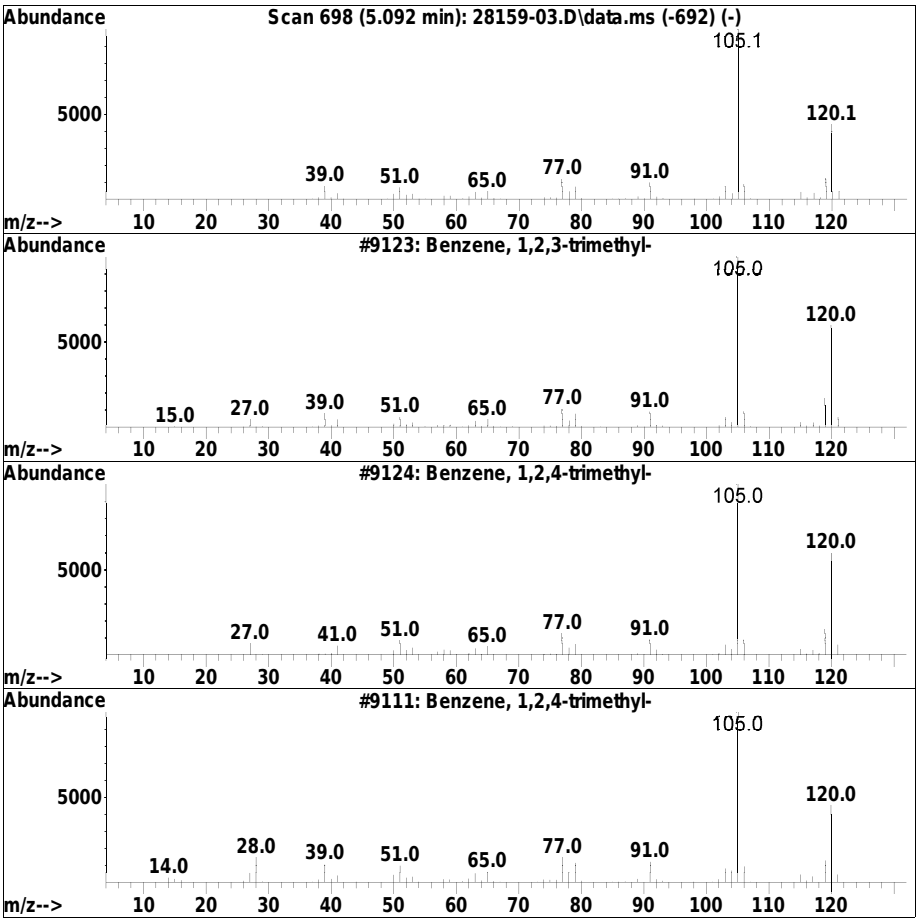
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

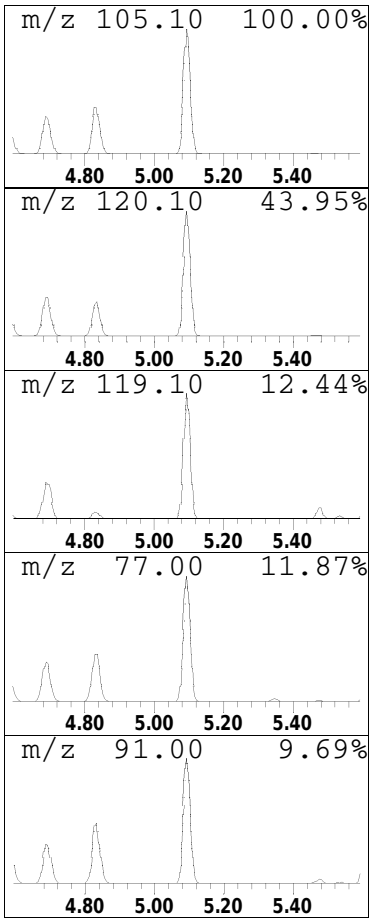
****

Peak Number 8 Unknown Benzene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.092	31.50 ug/ml	611711	IS2_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

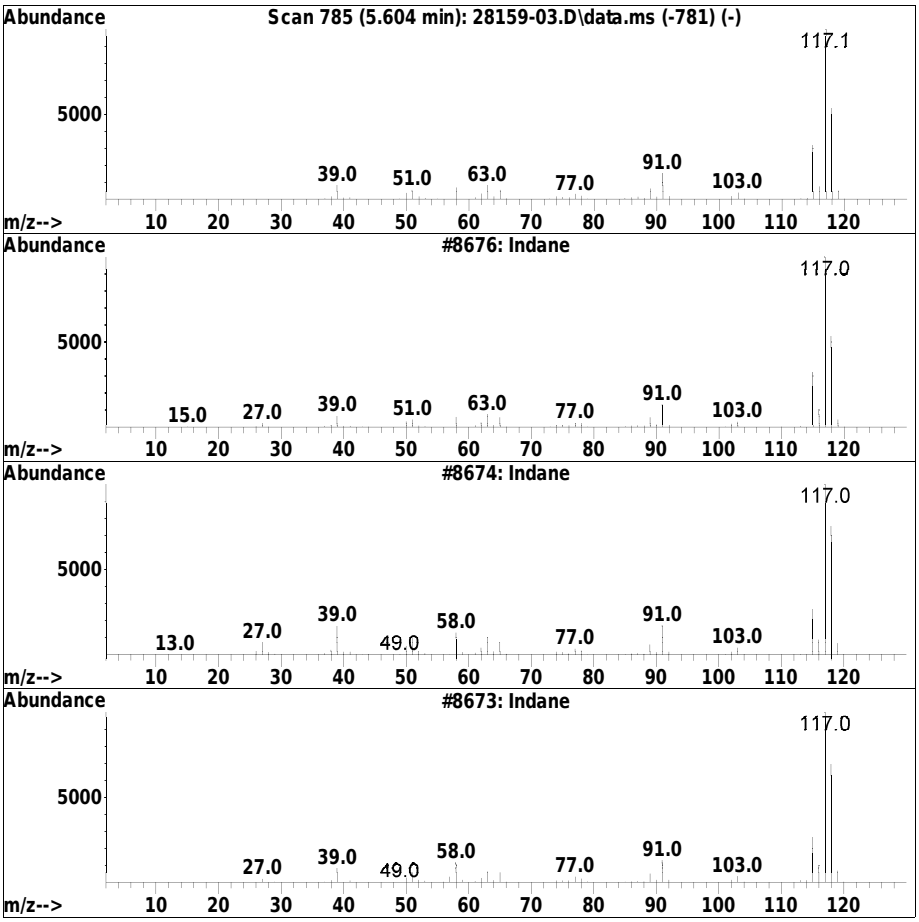
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

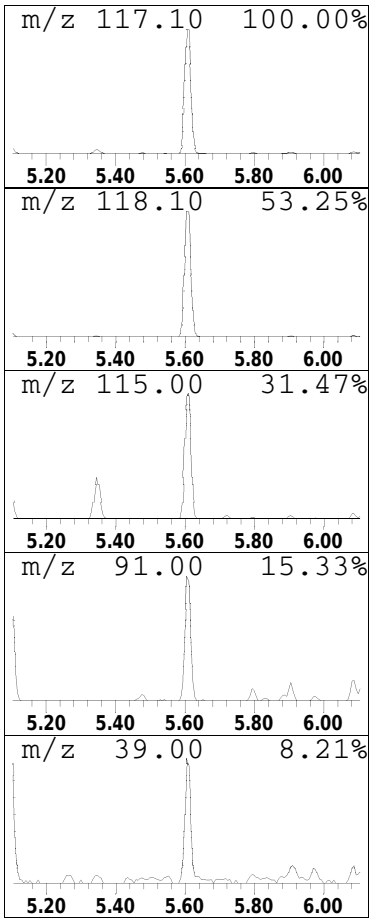
****

Peak Number 9 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.604	10.92 ug/ml	212125	IS3_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	72





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

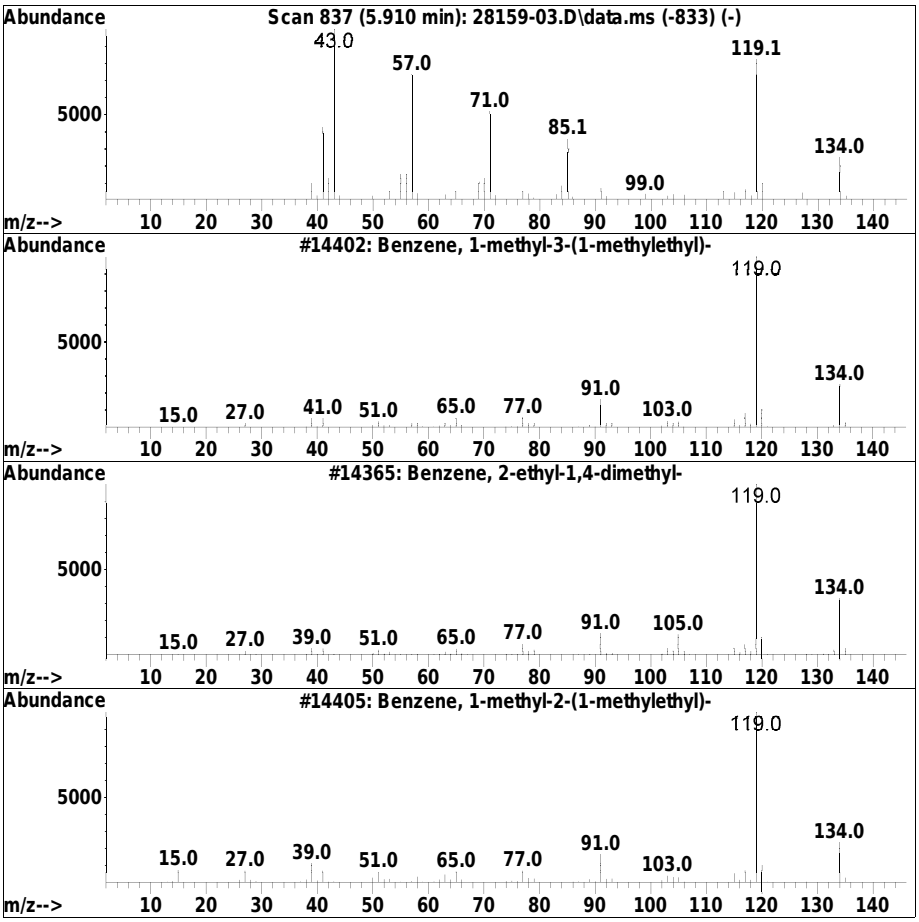
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

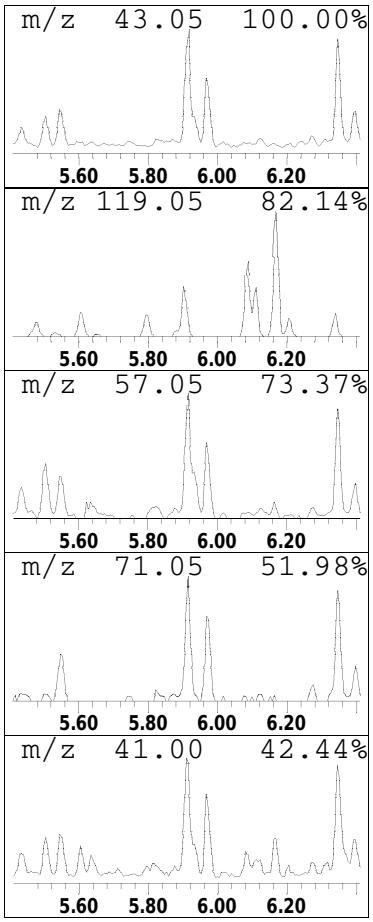
****

Peak Number 10 Unknown Benzene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.910	2.41 ug/ml	46889	IS3_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	49
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	49
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	49





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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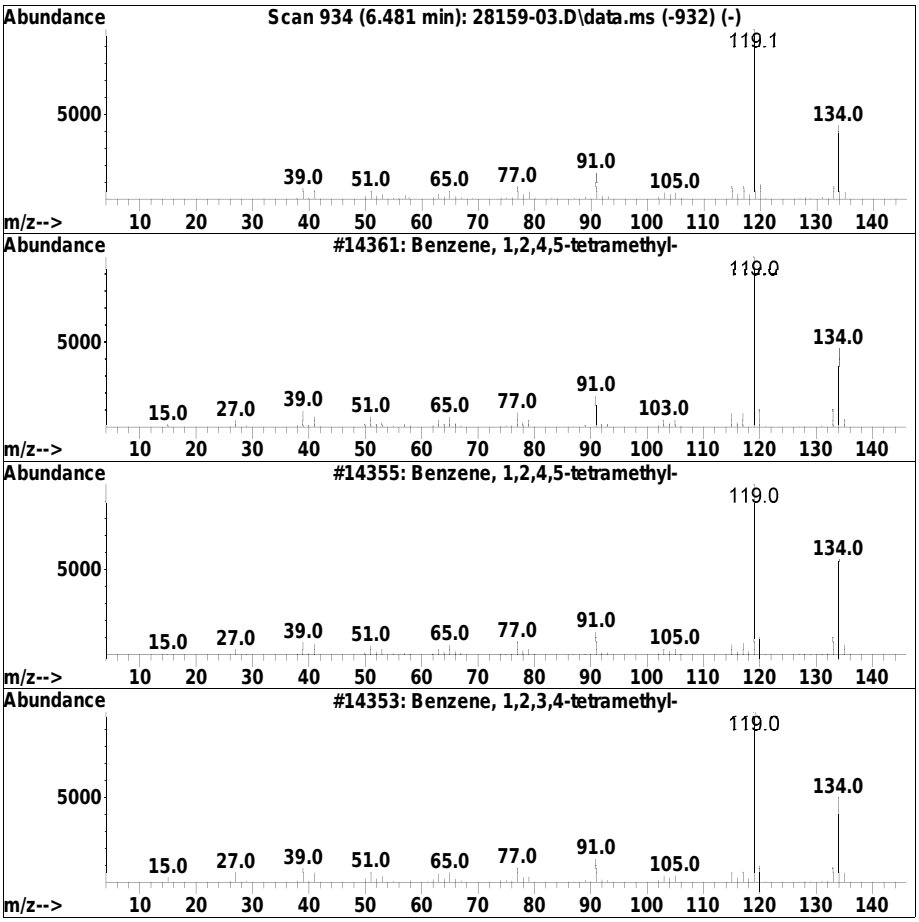
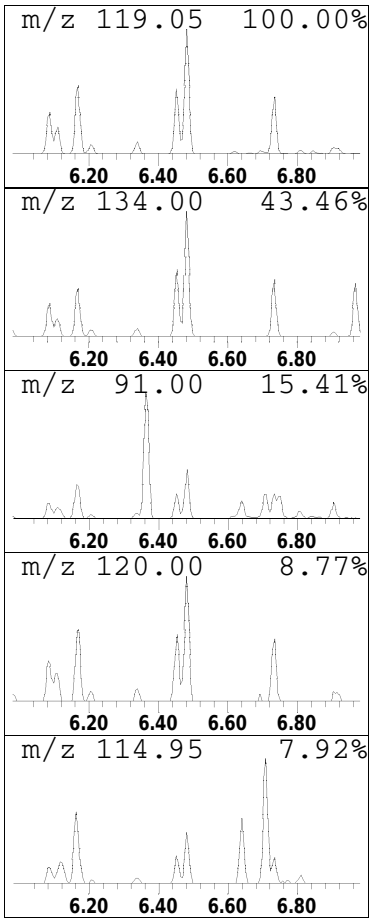
Peak Number 11 Unknown Benzene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.481	2.69 ug/ml	70957	IS1_Naphthalene-d8	6.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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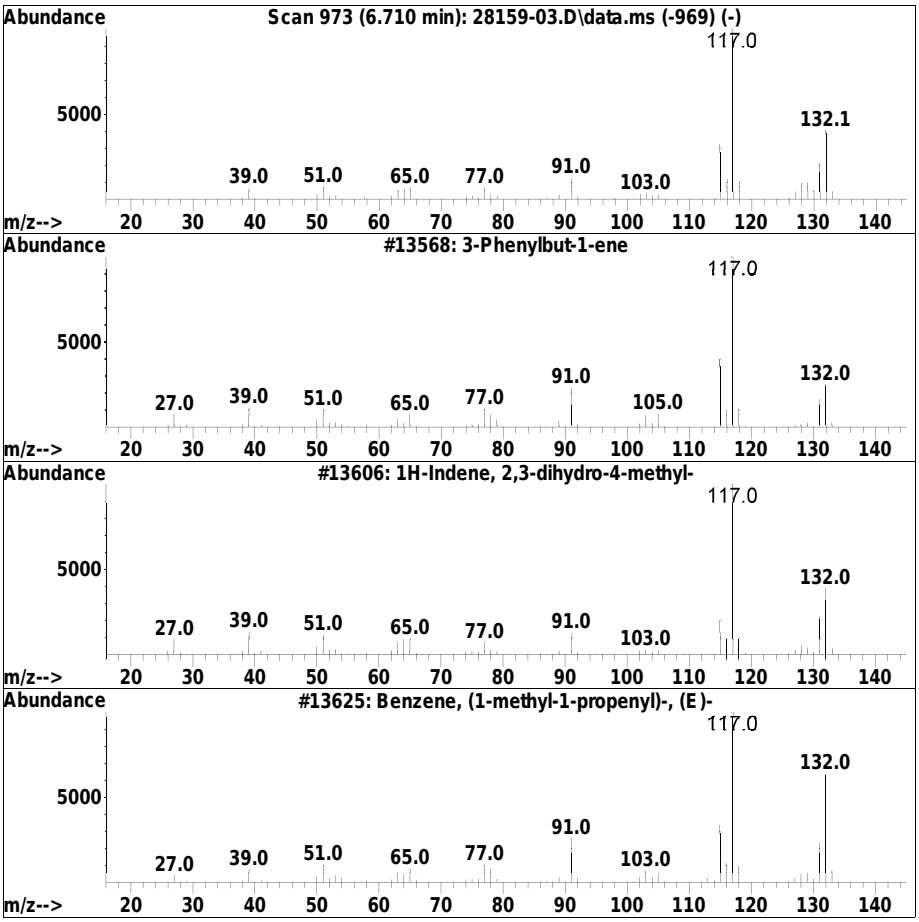
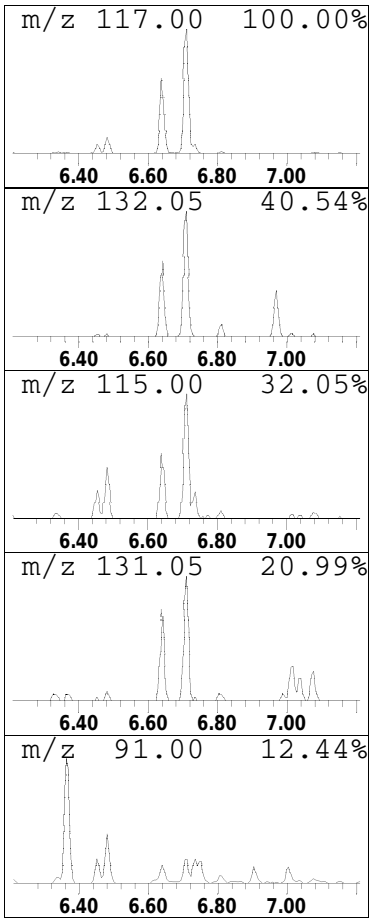
Peak Number 12 Unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.710	2.28 ug/ml	60140	IS1_Naphthalene-d8	6.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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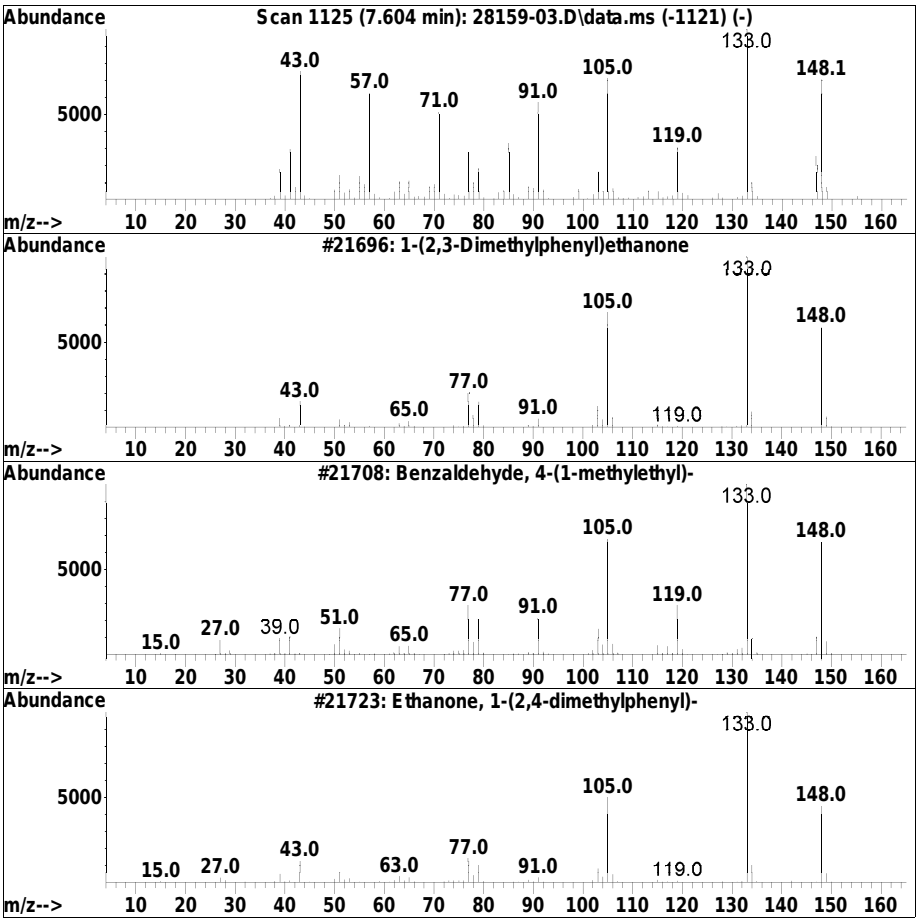
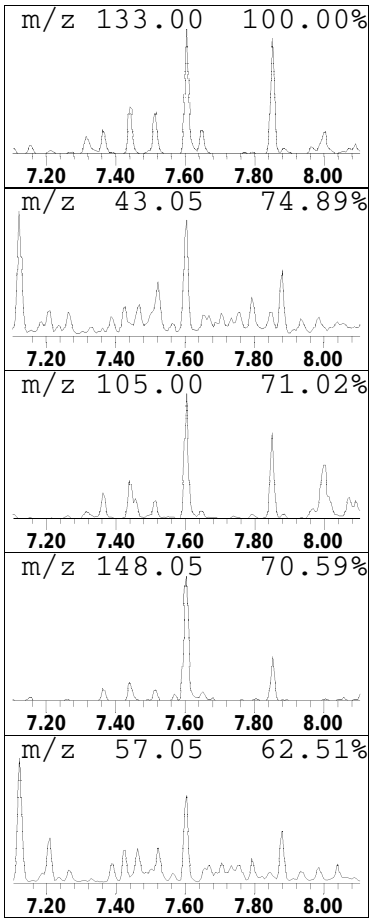
Peak Number 13 Unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.604	5.04 ug/ml	133048	IS2_Naphthalene-d8	6.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	92
2	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	86
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	78
4	3-Isopropylbenzaldehyde	148	C10H12O	034246-57-6	64
5	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	60





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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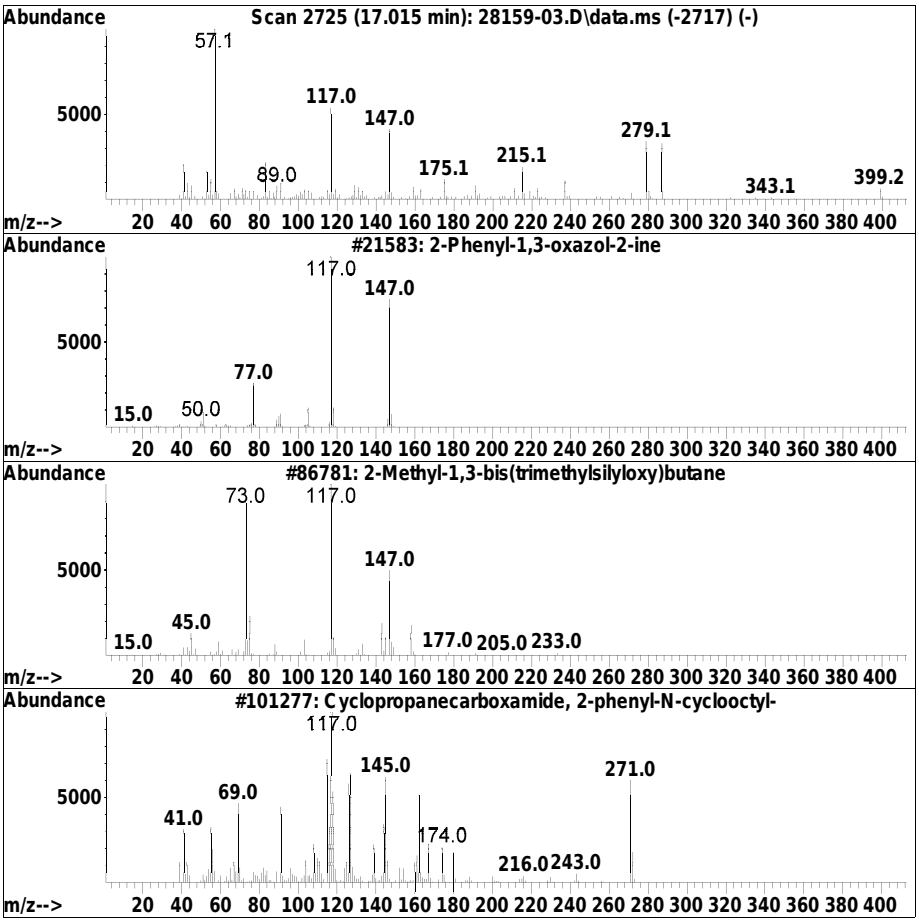
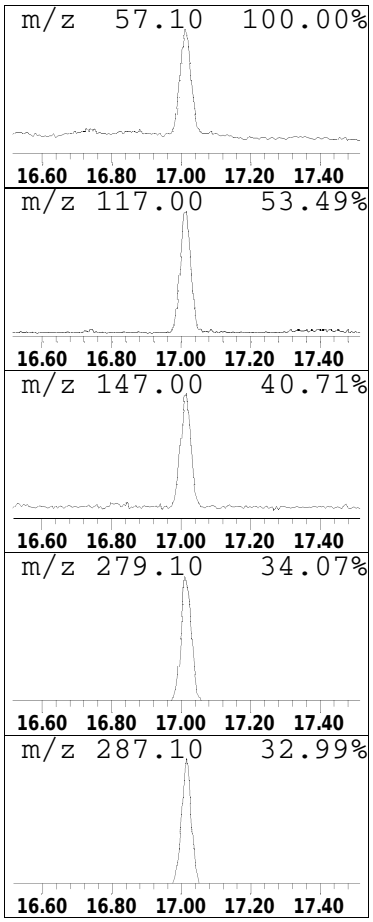
Peak Number 14 Unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.015	3.43 ug/ml	151767	IS1_Perylene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenyl-1,3-oxazol-2-ine	147	C9H9NO	007127-19-7	35
2	2-Methyl-1,3-bis(trimethylsilylo...	248	C11H28O2Si2	1000079-06-8	9
3	Cyclopropanecarboxamide, 2-pheny...	271	C18H25NO	1000266-71-1	9
4	1,3,4-Tri-O-acetyl-2,5-di-O-meth...	306	C13H22O8	084925-31-5	9
5	3,6-Dioxa-2,7-disilaoctane, 2,2,...	220	C9H24O2Si2	017887-27-3	8





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : l1928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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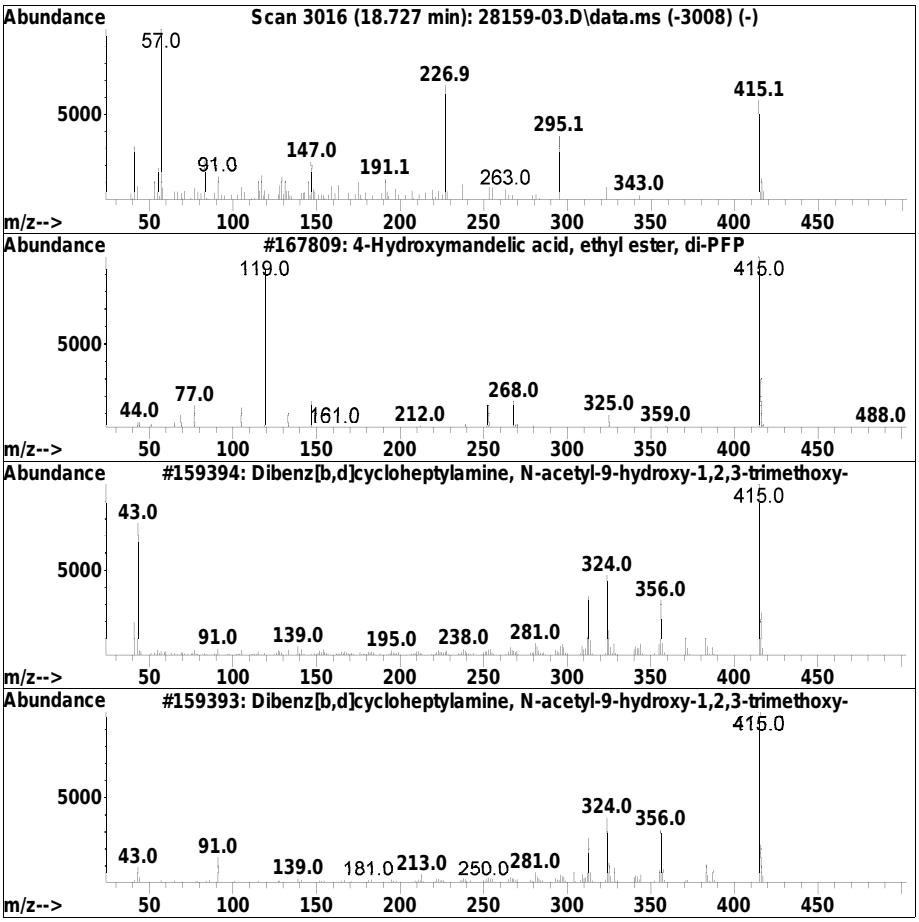
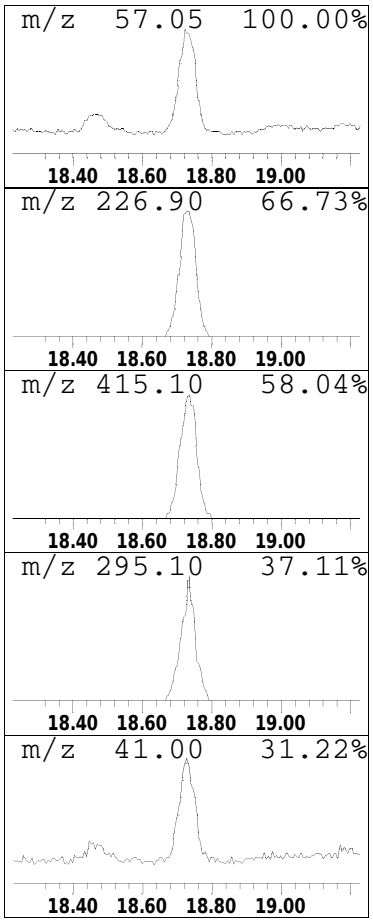
Peak Number 15 Unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.727	2.68 ug/ml	118440	IS1_Perylene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxymandelic acid, ethyl es...	488	C16H10F10O6	1000071-53-9	22
2	Dibenz[b,d]cycloheptylamine, N-a...	415	C22H25NO7	094013-16-8	12
3	Dibenz[b,d]cycloheptylamine, N-a...	415	C22H25NO7	094013-16-8	12
4	Estra-1,3,5(10)-trien-6-one, 3,1...	457	C25H31NO7	074299-47-1	10
5	5H-Indeno[2,1-E]1,2,4triazin-5-o...	227	C10H9N7	1000271-75-1	10





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-03.D
Acq On : 30 Jun 2019 3:06 am
Operator : SV106:sz
Sample : 11928159-03,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Aldol Condensates	1.963	8.2	ug/ml	159046	1	5.345	77686	4.0
Ethylbenzene	2.251	8.9	ug/ml	173789	1	5.345	77686	4.0
Unknown	2.422	54.8	ug/ml	1063510	1	5.345	77686	4.0
Unknown Benzene	4.516	17.2	ug/ml	333329	1	5.345	77686	4.0
Unknown Benzene	4.575	10.3	ug/ml	200538	1	5.345	77686	4.0
Unknown Benzene	4.687	11.8	ug/ml	229984	1	5.345	77686	4.0
Unknown Benzene	4.834	12.6	ug/ml	244506	1	5.345	77686	4.0
Unknown Benzene	5.092	31.5	ug/ml	611711	1	5.345	77686	4.0
Indane	5.604	10.9	ug/ml	212125	3	5.345	77686	4.0
Unknown Benzene	5.910	2.4	ug/ml	46889	3	5.345	77686	4.0
Unknown Benzene	6.481	2.7	ug/ml	70957	4	6.969	105593	4.0
Unknown	6.710	2.3	ug/ml	60140	4	6.969	105593	4.0
Unknown	7.604	5.0	ug/ml	133048	5	6.969	105593	4.0
Unknown	17.015	3.4	ug/ml	151767	13	14.074	176762	4.0
Unknown	18.727	2.7	ug/ml	118440	13	14.074	176762	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-04.D
Acq On : 30 Jun 2019 3:32 am
Operator : SV106:sz
Sample : 11928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 30 13:50:05 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\190629LVI\ABN0629.D
: 2 - I:\8270\SV106\190629LVI\ADP0629.D
: 3 - I:\8270\SV106\190629LVI\AP9P0629.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.345	150	22840	4.000	ug/ml		0.00
Standard Area 1 = 24422			Recovery = 93.52%				
27) IS2_1,4-Dichlorobenzen...	5.345	150	22840	4.000	ug/ml		0.00
Standard Area 3 = 25078			Recovery = 91.08%				
34) IS1_Naphthalene-d8	6.969	136	54398	4.000	ug/ml		0.00
Standard Area 1 = 50762			Recovery = 107.16%				
54) IS2_Naphthalene-d8	6.969	136	54398	4.000	ug/ml		0.00
Standard Area 3 = 63393			Recovery = 85.81%				
62) IS1_Acenaphthene-d10	8.745	164	30034	4.000	ug/ml		0.00
Standard Area 1 = 26471			Recovery = 113.46%				
85) IS3_Acenaphthene-d10	8.745	164	30034	4.000	ug/ml		0.00
Standard Area 2 = 27737			Recovery = 108.28%				
87) IS1_Phenanthrene-d10	10.163	188	58167	4.000	ug/ml	#	0.00
Standard Area 1 = 47531			Recovery = 122.38%				
103) IS1_Chrysene-d12	12.692	240	56817	4.000	ug/ml	#	0.00
Standard Area 1 = 45610			Recovery = 124.57%				
112) IS1_Perylene-d12	14.074	264	63662	4.000	ug/ml		0.00
Standard Area 1 = 53503			Recovery = 118.99%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.510	112	12089	2.859	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 57.18%				
7) Phenol-d6	4.957	99	11875	2.359	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 47.18%				
19) Nitrobenzene-d5	6.151	82	7387	1.718	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 68.72%				
45) 2-Fluorobiphenyl	8.134	172	19312	1.882	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 75.28%				
78) 2,4,6-Tribromophenol	9.516	330	6397	3.706	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 74.12%				
95) 4-Terphenyl-d14	11.739	244	26494	2.254	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 90.16%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-04.D
Acq On : 30 Jun 2019 3:32 am
Operator : SV106:sz
Sample : 11928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 30 13:50:05 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\190629LVI\ABN0629.D
: 2 - I:\8270\SV106\190629LVI\ADP0629.D
: 3 - I:\8270\SV106\190629LVI\AP9P0629.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	6.987	128	9605	0.659	ug/ml	99
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.	d	
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	10.845	149	1321	0.074	ug/ml#	79
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-04.D
Acq On : 30 Jun 2019 3:32 am
Operator : SV106:sz
Sample : 11928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 30 13:50:05 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\190629LVI\ABN0629.D
: 2 - I:\8270\SV106\190629LVI\ADP0629.D
: 3 - I:\8270\SV106\190629LVI\AP9P0629.D
Sub List : NJLiq_combo - NJTCL+7 Additional

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
106)	Chrysene	0.000		0	N.D.		
107)	Bis(2-ethylhexyl)phtha...	12.886	149	2807	0.554	ug/ml#	88
108)	Di-n-octylphthalate	0.000		0	N.D.	d	
115)	Benzo(ghi)perylene	0.000		0	N.D.		

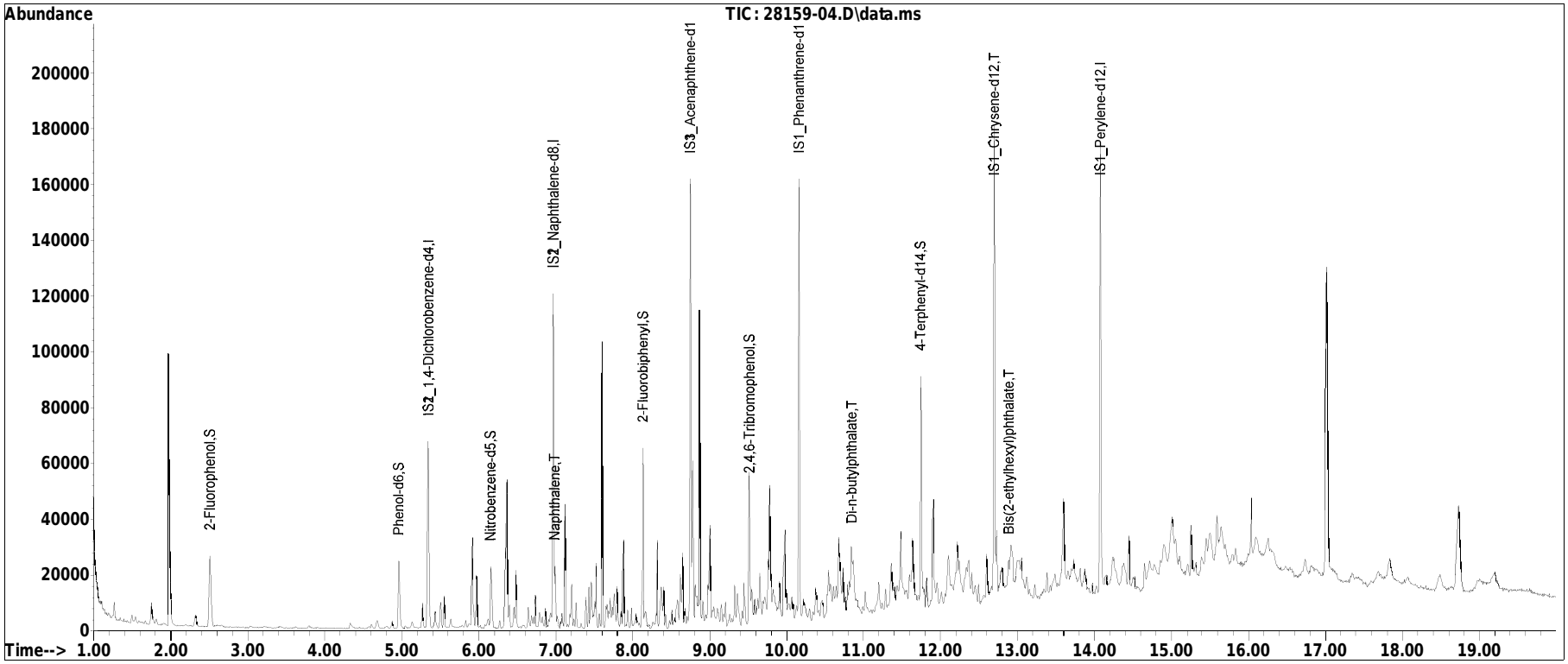
(#) = qualifier out of range (m) = manual integration (+) = signals summed

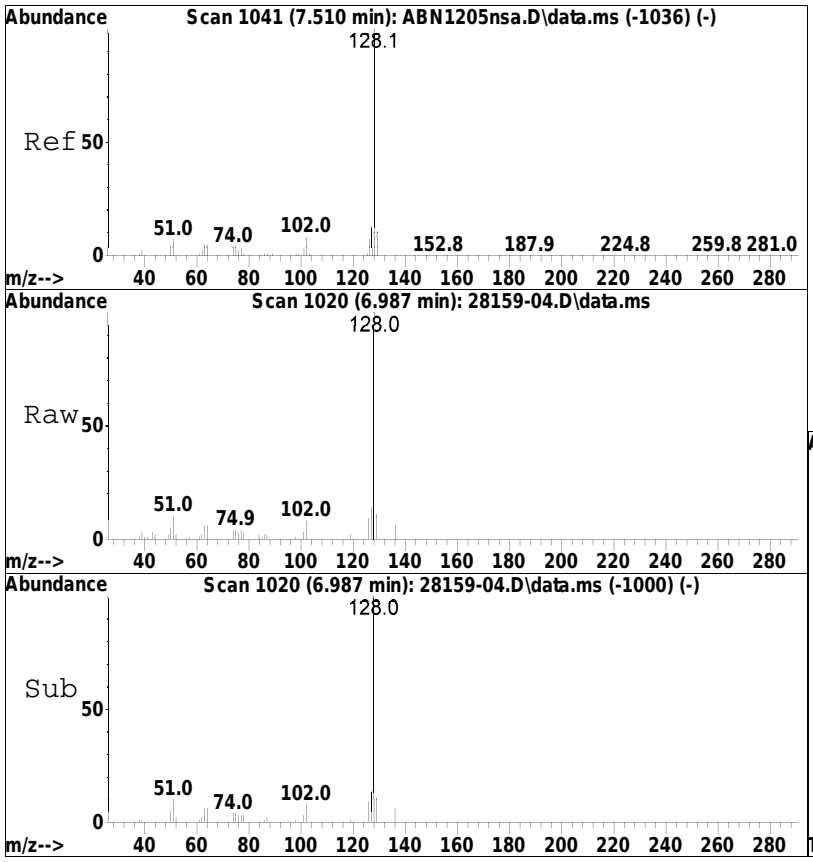
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-04.D
Acq On : 30 Jun 2019 3:32 am
Operator : SV106:sz
Sample : l1928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 30 13:50:05 2019
Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 30 13:38:26 2019
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional0629.D•

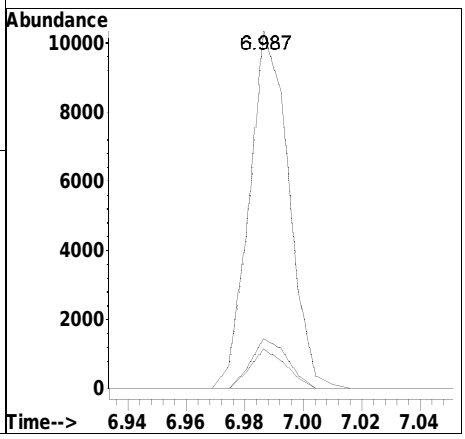


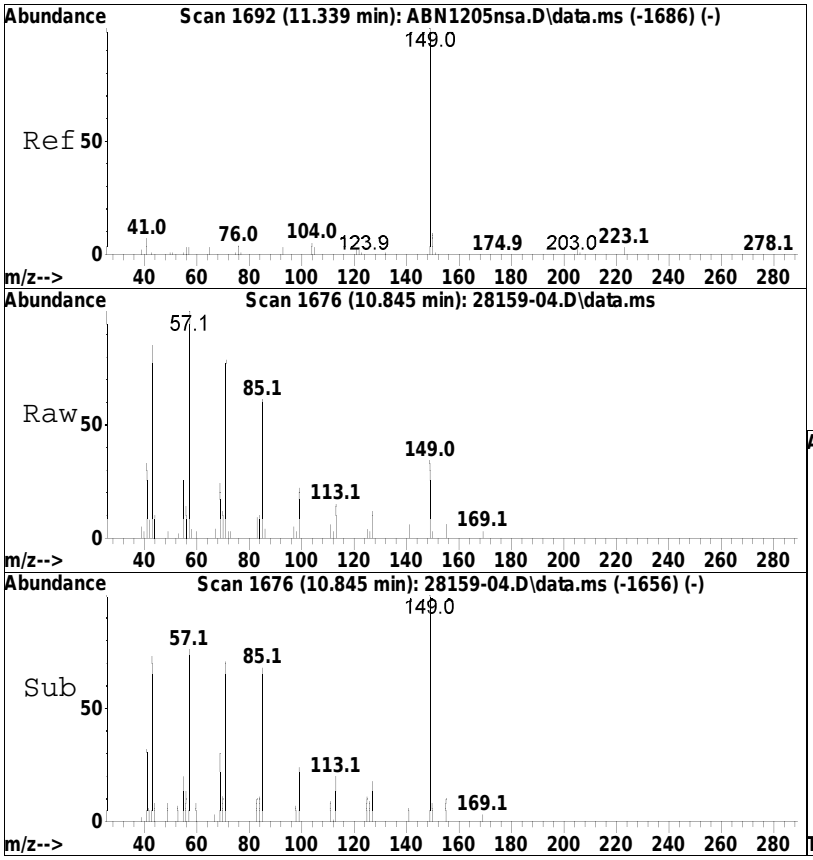


#35
Naphthalene
Concen: 0.66 ug/ml
RT: 6.987 min Scan# 1020
Delta R.T. -0.006 min
Lab File: 28159-04.D
Acq: 30 Jun 2019 3:32 am

Tgt Ion:128 Resp: 9605

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.7	13.1
127	13.1	10.3	15.5

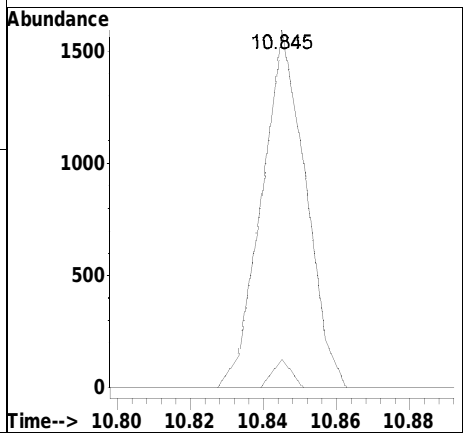


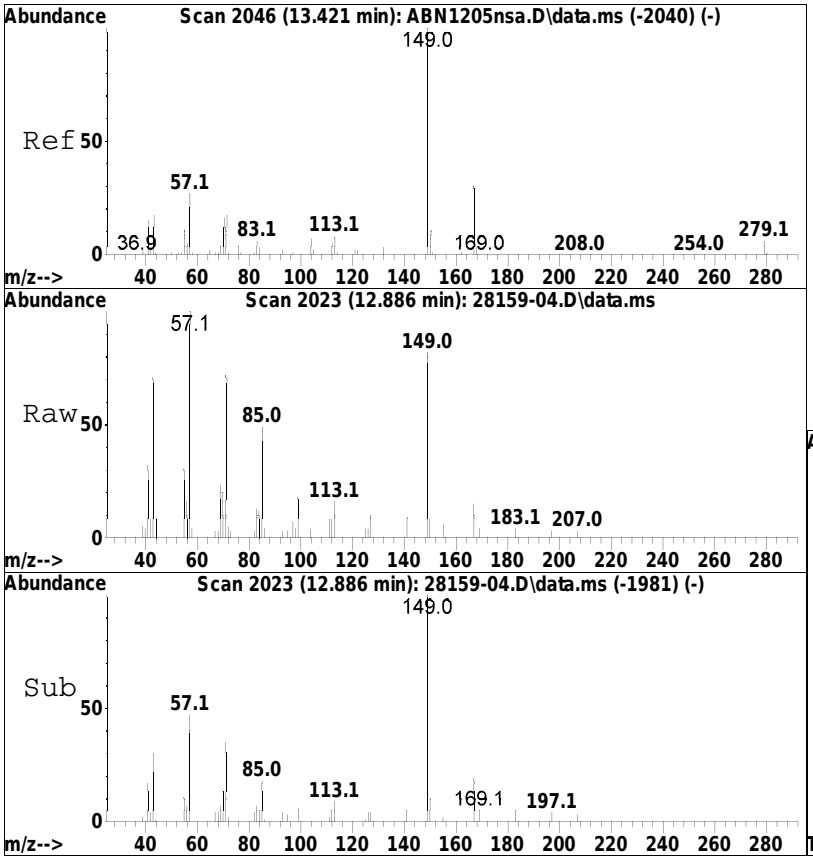


#91
Di-n-butylphthalate
Concen: 0.07 ug/ml
RT: 10.845 min Scan# 1676
Delta R.T. -0.006 min
Lab File: 28159-04.D
Acq: 30 Jun 2019 3:32 am

Tgt Ion:149 Resp: 1321

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.0	10.6#
104	0.0	4.5	6.7#

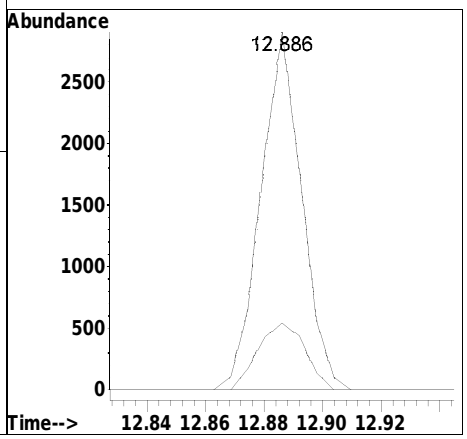




#107
Bis(2-ethylhexyl)phthalate
Concen: 0.55 ug/ml
RT: 12.886 min Scan# 2023
Delta R.T. -0.006 min
Lab File: 28159-04.D
Acq: 30 Jun 2019 3:32 am

Tgt Ion:149 Resp: 2807

Ion	Ratio	Lower	Upper
149	100		
167	21.5	22.1	33.1#
279	0.0	3.0	4.4#



Manual Integration Report

Data Path	: I:\8270\SV106\190629LVI\	QMethod	: FS190429nLVISV106.m
Data File	: 28159-04.D	Operator	: SV106:sz
Date Inj'd	: 6/30/2019 3:32 am	Instrument	: SV 106
Sample	: 11928159-04,32,,nj-bnext,t	Quant Date	: 6/30/2019 1:43 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-04.D
Acq On : 30 Jun 2019 3:32 am
Operator : SV106:sz
Sample : 11928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 28159-04.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.746	123	129	133	rBV2	7661	11885	5.20%	0.343%
2	1.963	164	166	187	rVB	97864	138627	60.69%	4.004%
3	2.510	254	259	267	rVB	25298	38705	16.95%	1.118%
4	4.957	671	675	685	rVB	23933	33180	14.53%	0.958%
5	5.263	723	727	733	rBV3	8711	12096	5.30%	0.349%
6	5.345	737	741	748	rVB	66935	82405	36.08%	2.380%
7	5.434	748	756	763	rBV2	6131	9859	4.32%	0.285%
8	5.504	763	768	772	rBV	9219	10670	4.67%	0.308%
9	5.545	772	775	780	rVB	11232	13371	5.85%	0.386%
10	5.916	834	838	844	rVV	32186	41381	18.12%	1.195%
11	5.969	844	847	852	rVB	18492	19858	8.69%	0.574%
12	6.151	875	878	885	rVB2	21858	26707	11.69%	0.771%
13	6.345	905	911	912	rVV2	27415	27102	11.87%	0.783%
14	6.363	912	914	917	rVV	53047	51468	22.53%	1.487%
15	6.398	917	920	923	rVV	8261	8553	3.74%	0.247%
16	6.457	925	930	932	rVV2	7427	9574	4.19%	0.277%
17	6.481	932	934	940	rVB	20646	18989	8.31%	0.548%
18	6.639	956	961	966	rBV4	7414	8037	3.52%	0.232%
19	6.734	974	977	984	rVV	11723	11038	4.83%	0.319%
20	6.969	1014	1017	1019	rVV	119884	110286	48.29%	3.185%
21	6.987	1019	1020	1023	rVV	22225	16879	7.39%	0.488%
22	7.122	1040	1043	1047	rVV	44248	40296	17.64%	1.164%
23	7.210	1055	1058	1060	rVV	15567	14890	6.52%	0.430%
24	7.263	1065	1067	1073	rVB	9019	7924	3.47%	0.229%
25	7.387	1085	1088	1092	rBV	11261	10673	4.67%	0.308%
26	7.428	1092	1095	1097	rVV	14734	13975	6.12%	0.404%
27	7.463	1097	1101	1104	rVV2	16487	21280	9.32%	0.615%
28	7.504	1106	1108	1109	rVV	9625	8352	3.66%	0.241%

LSC Area Percent Report

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-04.D
Acq On : 30 Jun 2019 3:32 am
Operator : SV106:sz
Sample : 11928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.522	1109	1111	1116	rVV	22922	20143	8.82%	0.582%
30	7.598	1121	1124	1128	rVV	102095	93343	40.87%	2.696%
31	7.657	1130	1134	1135	rBV	7738	8440	3.70%	0.244%
32	7.704	1141	1142	1145	rVV	10056	8538	3.74%	0.247%
33	7.757	1148	1151	1155	rVV2	11549	15047	6.59%	0.435%
34	7.792	1155	1157	1163	rVB2	14406	15334	6.71%	0.443%
35	7.881	1169	1172	1175	rVB	30752	25421	11.13%	0.734%
36	8.134	1210	1215	1218	rBV	64047	61369	26.87%	1.773%
37	8.322	1244	1247	1250	rVB	30565	27628	12.10%	0.798%
38	8.375	1250	1256	1258	rBV	14038	19899	8.71%	0.575%
39	8.404	1258	1261	1263	rVV	13759	12797	5.60%	0.370%
40	8.581	1286	1291	1294	rVV3	9080	16026	7.02%	0.463%
41	8.616	1294	1297	1299	rVV	18157	20036	8.77%	0.579%
42	8.645	1299	1302	1305	rVV	25779	28457	12.46%	0.822%
43	8.745	1315	1319	1322	rVV	159706	159076	69.65%	4.595%
44	8.775	1322	1324	1328	rVV	58591	57547	25.20%	1.662%
45	8.816	1328	1331	1333	rVV	14253	18223	7.98%	0.526%
46	8.869	1337	1340	1346	rVV	112495	99261	43.46%	2.867%
47	9.004	1355	1363	1366	rVV	34985	53211	23.30%	1.537%
48	9.098	1377	1379	1385	rVV	5189	7966	3.49%	0.230%
49	9.322	1414	1417	1420	rBV	12547	10759	4.71%	0.311%
50	9.357	1420	1423	1431	rVB	11501	19132	8.38%	0.553%
51	9.445	1435	1438	1446	rVB2	14473	21694	9.50%	0.627%
52	9.510	1446	1449	1453	rBV	54327	54797	23.99%	1.583%
53	9.651	1471	1473	1478	rVB	14647	15723	6.88%	0.454%
54	9.757	1488	1491	1493	rBV2	17763	21107	9.24%	0.610%
55	9.780	1493	1495	1501	rVV	43488	45046	19.72%	1.301%
56	9.904	1513	1516	1522	rVB	12488	15384	6.74%	0.444%
57	9.975	1522	1528	1530	rBV	30959	47305	20.71%	1.366%
58	10.163	1556	1560	1565	rVB	156872	142832	62.54%	4.126%
59	10.369	1592	1595	1597	rBV	9677	11132	4.87%	0.322%
60	10.463	1606	1611	1615	rVB6	6351	13012	5.70%	0.376%

LSC Area Percent Report

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-04.D
Acq On : 30 Jun 2019 3:32 am
Operator : SV106:sz
Sample : 11928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

61	10.545	1615	1625	1627	rBV	17109	28235	12.36%	0.816%
62	10.675	1643	1647	1654	rBV	21915	40952	17.93%	1.183%
63	10.733	1654	1657	1660	rVB2	12302	12844	5.62%	0.371%
64	10.792	1664	1667	1669	rBV2	9416	10844	4.75%	0.313%
65	10.839	1673	1675	1677	rBV2	14631	14788	6.47%	0.427%
66	11.027	1705	1707	1716	rVB	7484	10308	4.51%	0.298%
67	11.198	1727	1736	1741	rBV	10681	20297	8.89%	0.586%
68	11.363	1758	1764	1766	rBV	14417	22410	9.81%	0.647%
69	11.480	1780	1784	1790	rVV	21158	33351	14.60%	0.963%
70	11.598	1801	1804	1807	rBV3	8700	13426	5.88%	0.388%
71	11.633	1807	1810	1816	rVB	20382	28784	12.60%	0.831%
72	11.739	1825	1828	1831	rBV	80307	72675	31.82%	2.099%
73	11.816	1838	1841	1846	rVB	10595	11451	5.01%	0.331%
74	11.904	1852	1856	1863	rBV	35851	49622	21.73%	1.433%
75	11.963	1863	1866	1870	rVB2	7457	9855	4.31%	0.285%
76	12.104	1884	1890	1894	rBV3	14649	28003	12.26%	0.809%
77	12.216	1906	1909	1912	rVV	14239	16763	7.34%	0.484%
78	12.245	1912	1914	1922	rVB4	11545	16732	7.33%	0.483%
79	12.333	1922	1929	1931	rBV5	8933	18997	8.32%	0.549%
80	12.404	1938	1941	1945	rVB3	7832	9169	4.01%	0.265%
81	12.451	1947	1949	1954	rVB2	5881	8053	3.53%	0.233%
82	12.598	1970	1974	1979	rBV2	15545	19230	8.42%	0.555%
83	12.692	1987	1990	1993	rBV	166678	162119	70.98%	4.683%
84	12.721	1993	1995	1998	rVB	21976	19051	8.34%	0.550%
85	12.886	2019	2023	2025	rBV2	9142	11961	5.24%	0.345%
86	12.910	2025	2027	2036	rVB3	13704	27602	12.08%	0.797%
87	13.045	2048	2050	2055	rVB2	7978	10275	4.50%	0.297%
88	13.127	2059	2064	2067	rVB3	6250	11789	5.16%	0.341%
89	13.598	2134	2144	2151	rBV3	30828	58132	25.45%	1.679%
90	13.868	2188	2190	2196	rVB5	7360	12076	5.29%	0.349%
91	14.074	2220	2225	2232	rBV	160129	178394	78.11%	5.153%

LSC Area Percent Report

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-04.D
Acq On : 30 Jun 2019 3:32 am
Operator : SV106:sz
Sample : 11928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

92	14.245	2249	2254	2265	rVB3	9282	27191	11.90%	0.785%
93	14.451	2285	2289	2294	rVB	17762	21186	9.28%	0.612%
94	14.657	2320	2324	2328	rBV4	8470	12234	5.36%	0.353%
95	15.257	2422	2426	2429	rBV	17773	23654	10.36%	0.683%
96	15.457	2457	2460	2463	rBV4	7803	11410	5.00%	0.330%
97	15.592	2479	2483	2486	rBV	14293	19421	8.50%	0.561%
98	16.033	2554	2558	2564	rVB4	19850	28001	12.26%	0.809%
99	17.015	2717	2725	2734	rBV	109663	228402	100.00%	6.597%
100	18.727	3008	3016	3028	rVB2	30795	98738	43.23%	2.852%

Sum of corrected areas: 3462170

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Data File : 28159-04.D
Acq On : 30 Jun 2019 3:32 am
Operator : SV106:sz
Sample : l1928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

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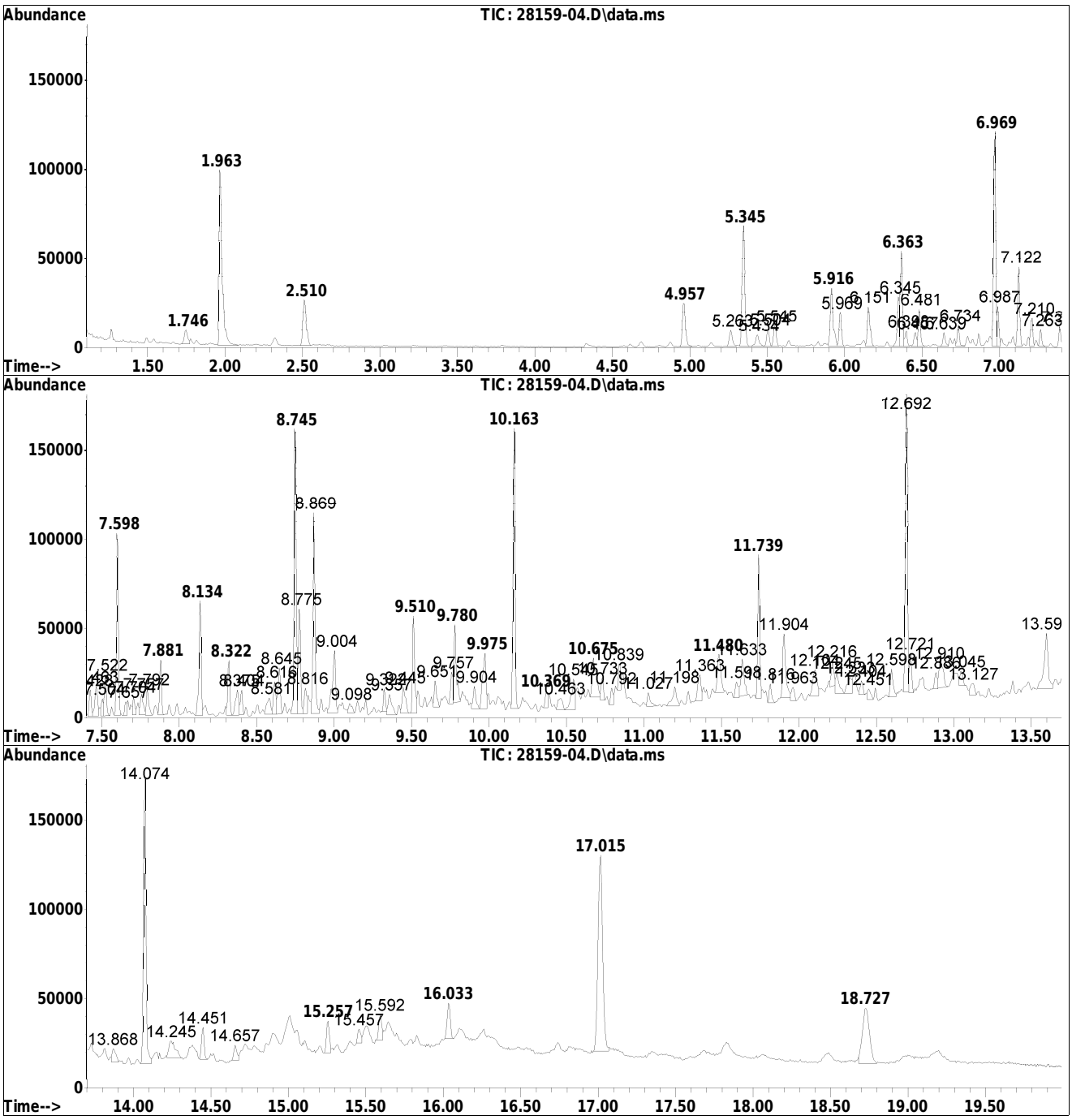

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Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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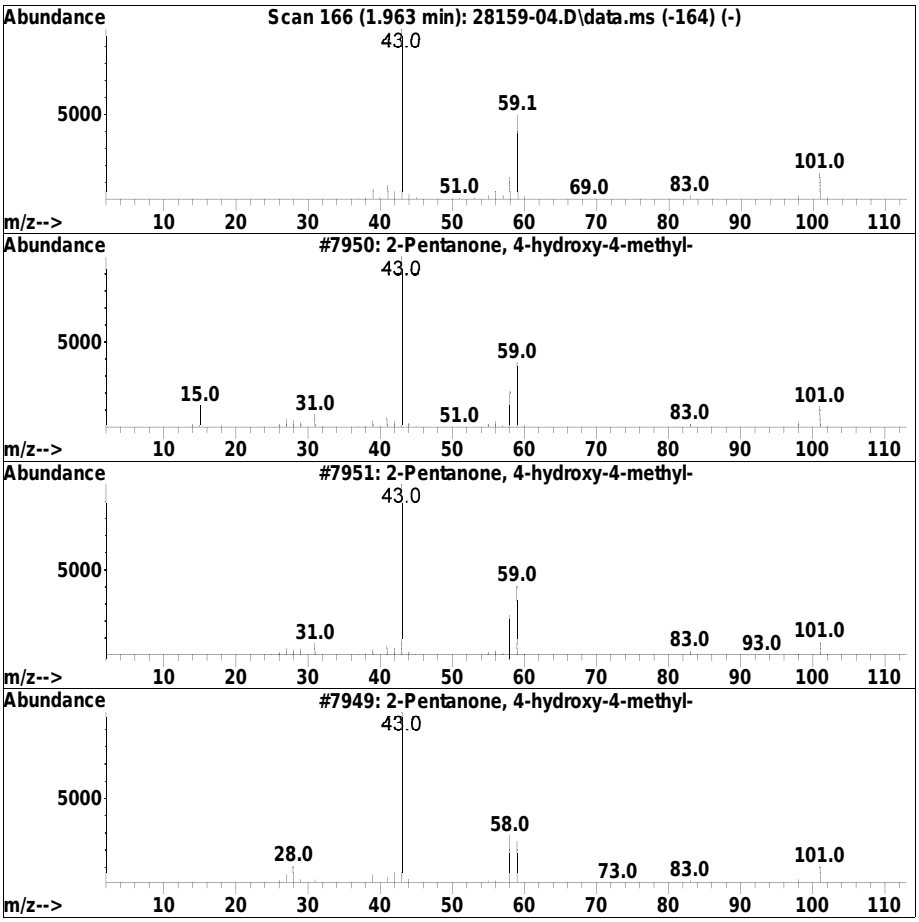
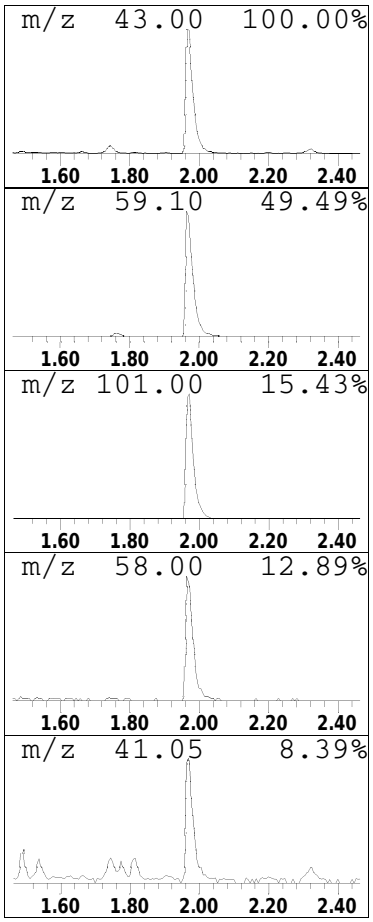
Peak Number 1 Aldol Condensates Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.963	6.73 ug/ml	138627	IS2_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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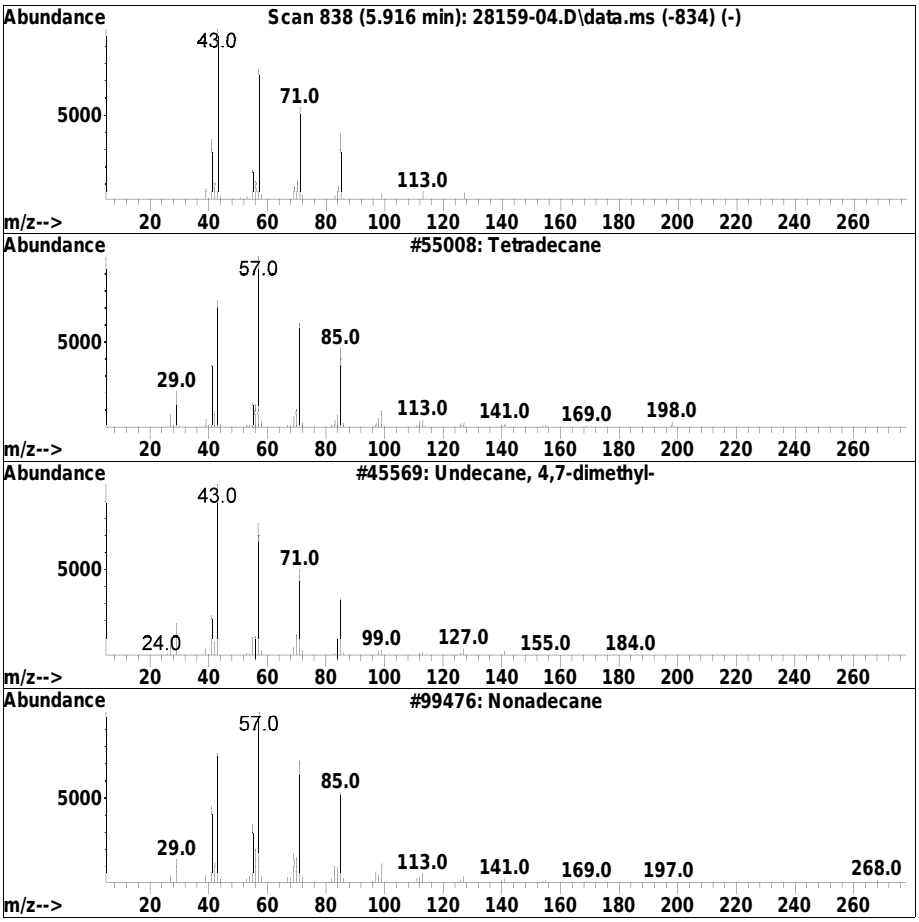
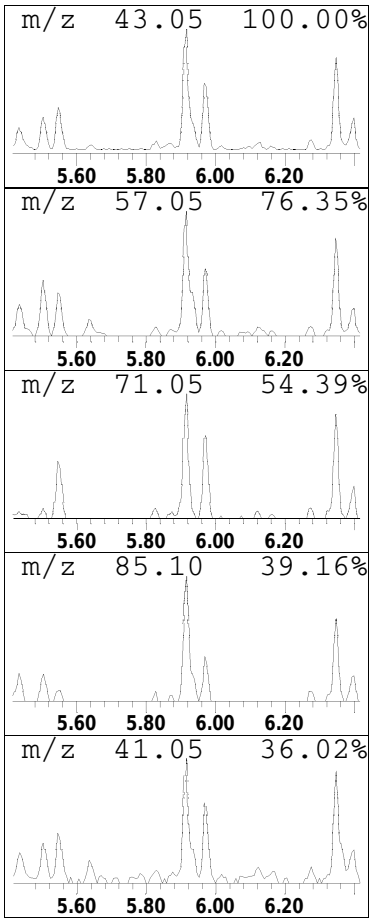
Peak Number 2 Unknown Alkane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.916	2.01 ug/ml	41381	IS3_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	83
3	Nonadecane	268	C19H40	000629-92-5	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Hexadecane	226	C16H34	000544-76-3	59





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Operator : SV106:sz
Sample : l1928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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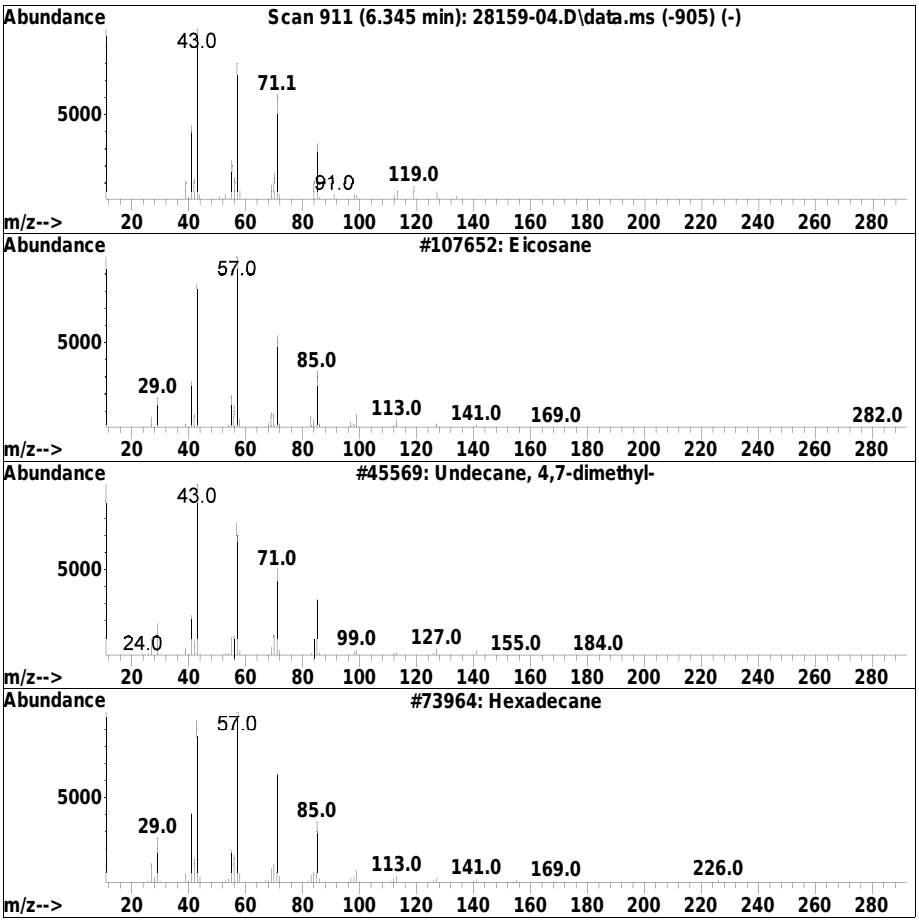
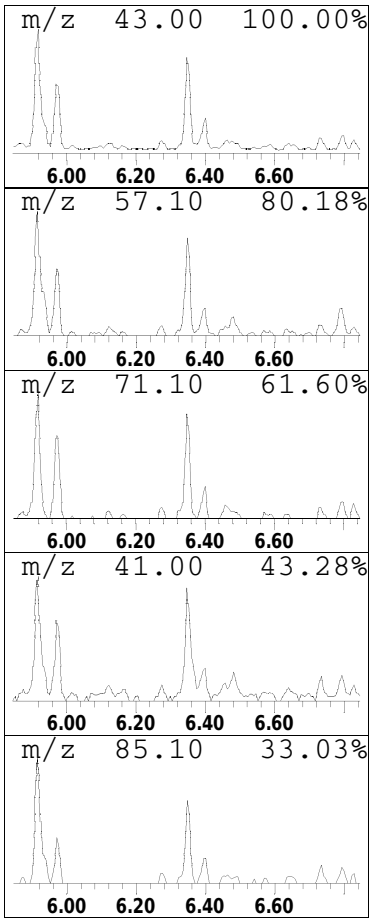
Peak Number 3 Unknown Alkane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.345	0.98 ug/ml	27102	IS1_Naphthalene-d8	6.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	83
3	Hexadecane	226	C16H34	000544-76-3	83
4	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	64
5	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	64





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Sample : l1928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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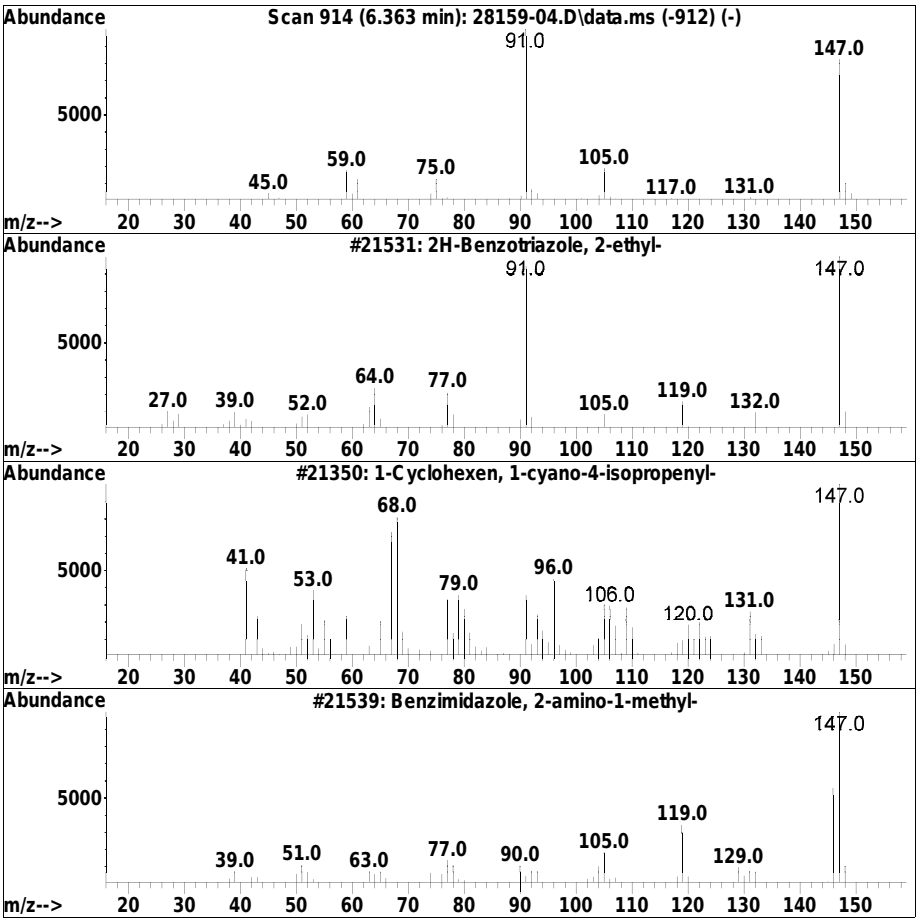
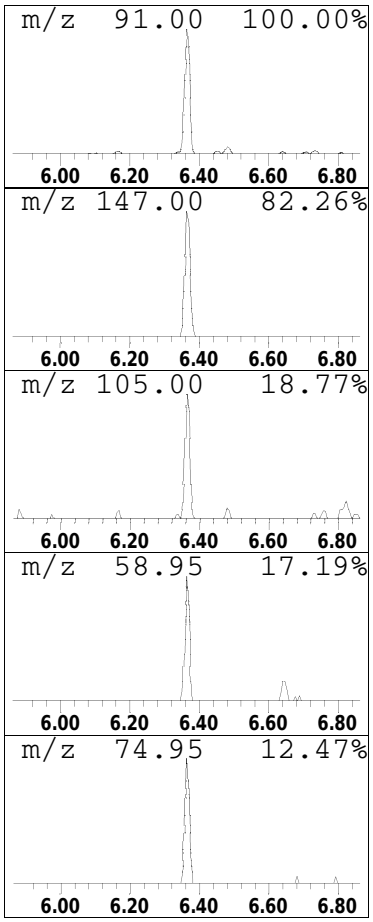
Peak Number 4 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.363	1.87 ug/ml	51468	IS1_Naphthalene-d8	6.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benzotriazole, 2-ethyl-	147	C8H9N3	016584-04-6	53
2	1-Cyclohexen, 1-cyano-4-isoprope...	147	C10H13N	1000126-45-8	47
3	Benzimidazole, 2-amino-1-methyl-	147	C8H9N3	001622-57-7	28
4	Silane, dimethoxymethyl-	106	C3H10O2Si	016881-77-9	14
5	2,5-Dimethylbenzoxazole	147	C9H9NO	005676-58-4	9





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Acq On : 30 Jun 2019 3:32 am
Operator : SV106:sz
Sample : l1928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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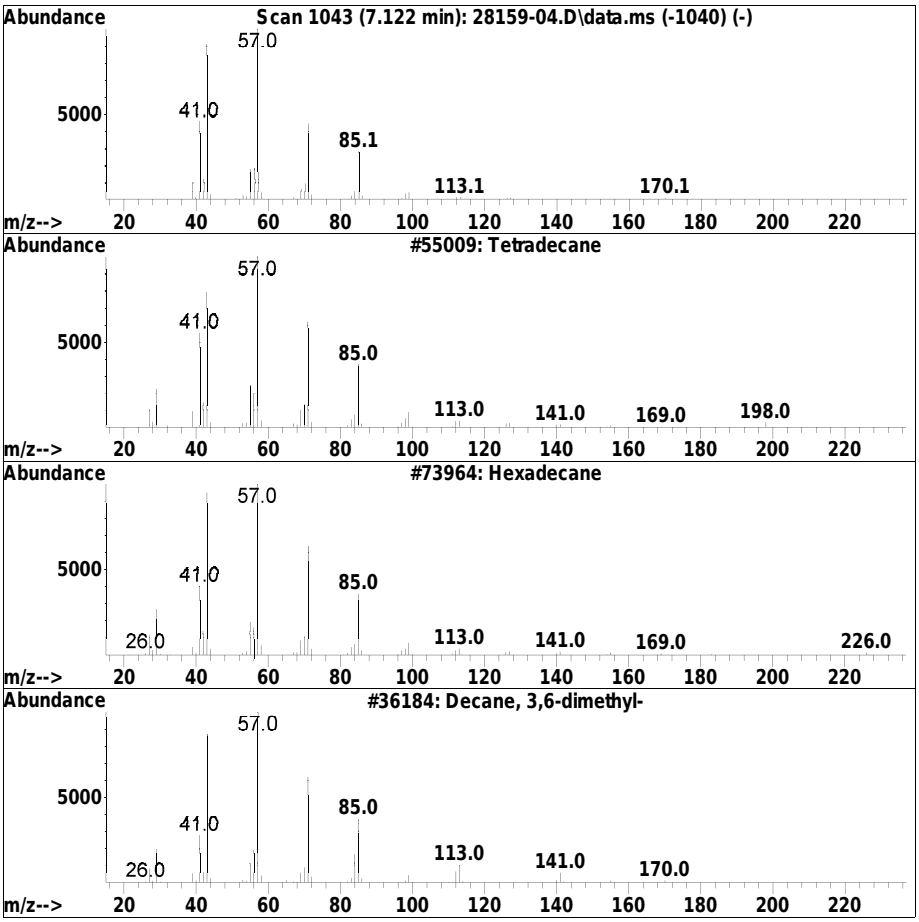
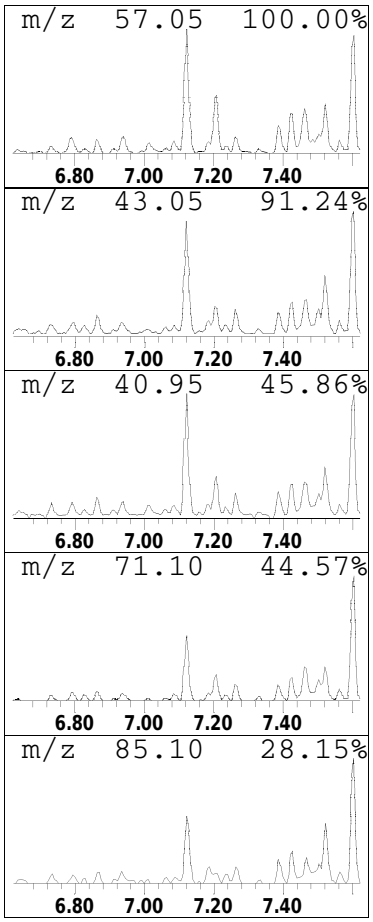
Peak Number 5 Unknown Alkane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.122	1.46 ug/ml	40296	IS2_Naphthalene-d8	6.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Hexadecane	226	C16H34	000544-76-3	83





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Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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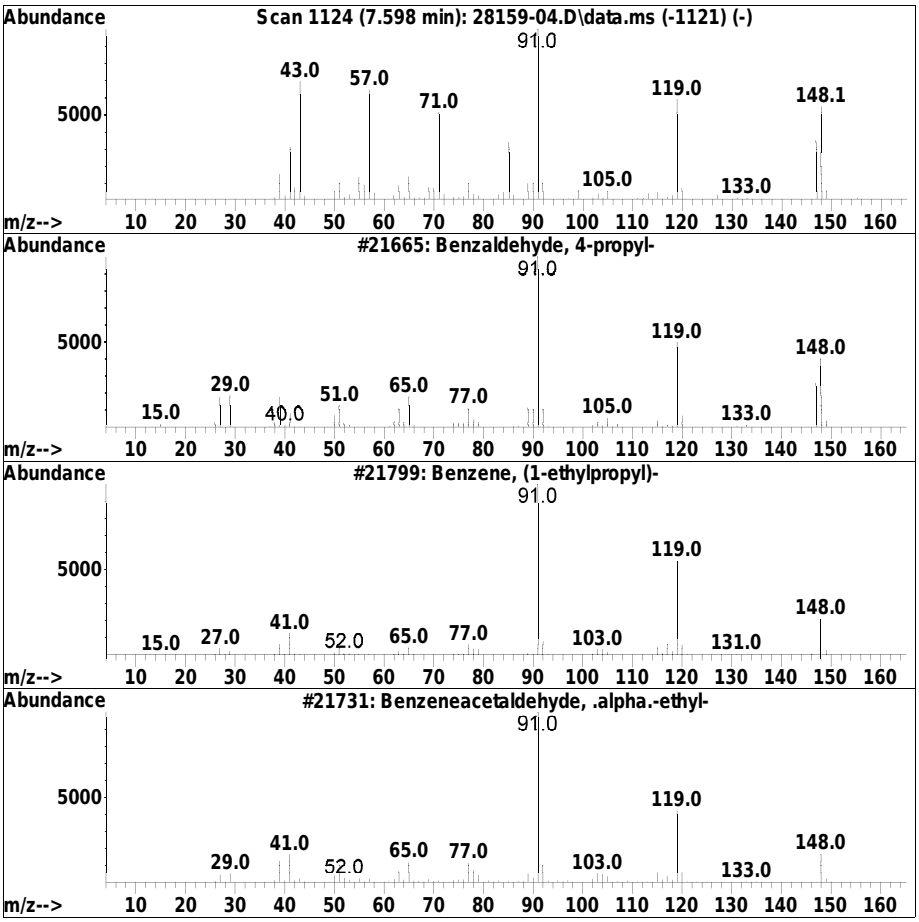
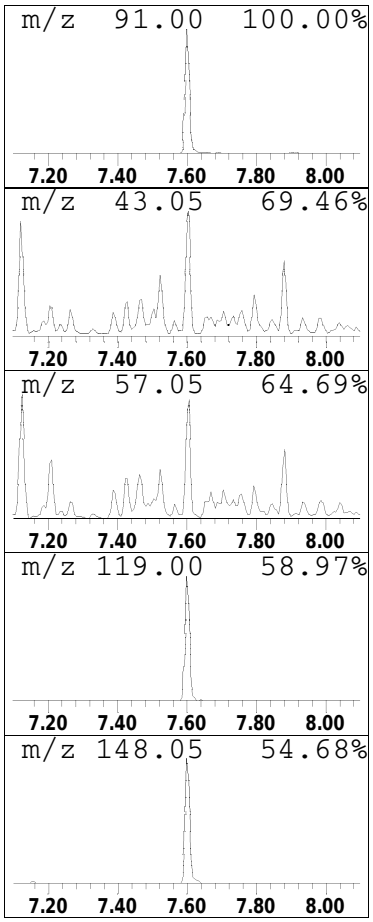
Peak Number 6 Unknown Aldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.598	3.39 ug/ml	93343	IS2_Naphthalene-d8	6.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-propyl-	148	C10H12O	028785-06-0	92
2	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	55
3	Benzeneacetaldehyde, .alpha.-ethyl-	148	C10H12O	002439-43-2	46
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	45
5	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	45





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Sample : l1928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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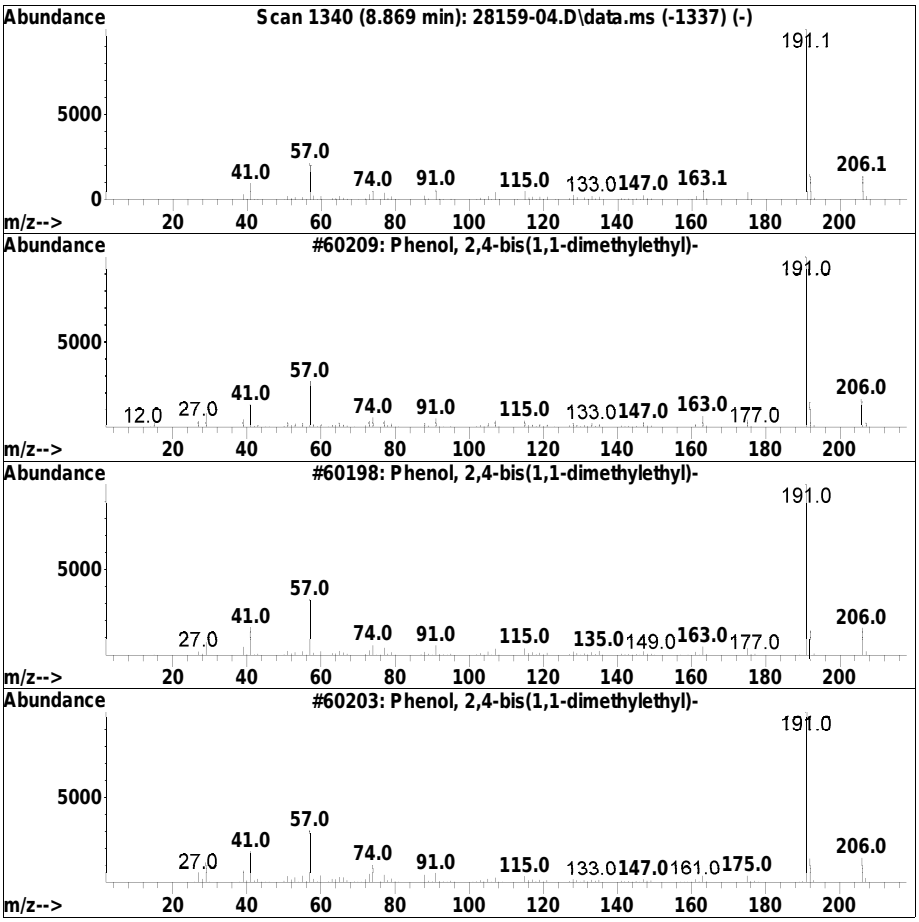
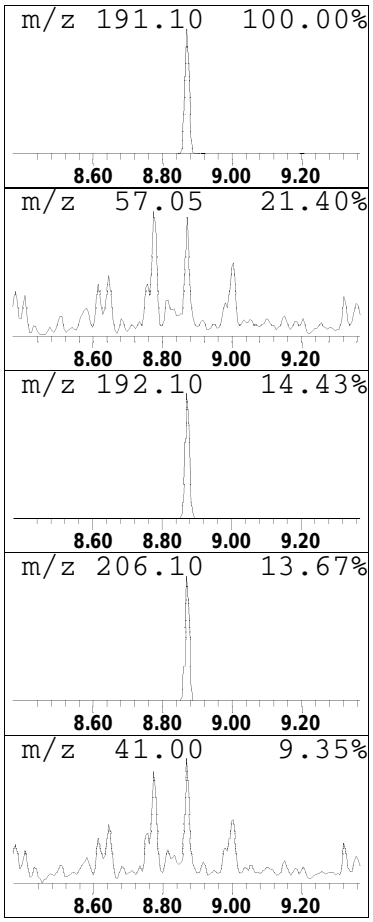
Peak Number 7 Unknown Phenol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.869	2.50 ug/ml	99261	IS3_Acenaphthene-d10	8.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	97
2	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	93
3	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	93
4	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	90
5	Pentanoic acid, 5-hydroxy-, 2,4-...	306	C19H30O3	166273-38-7	83





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Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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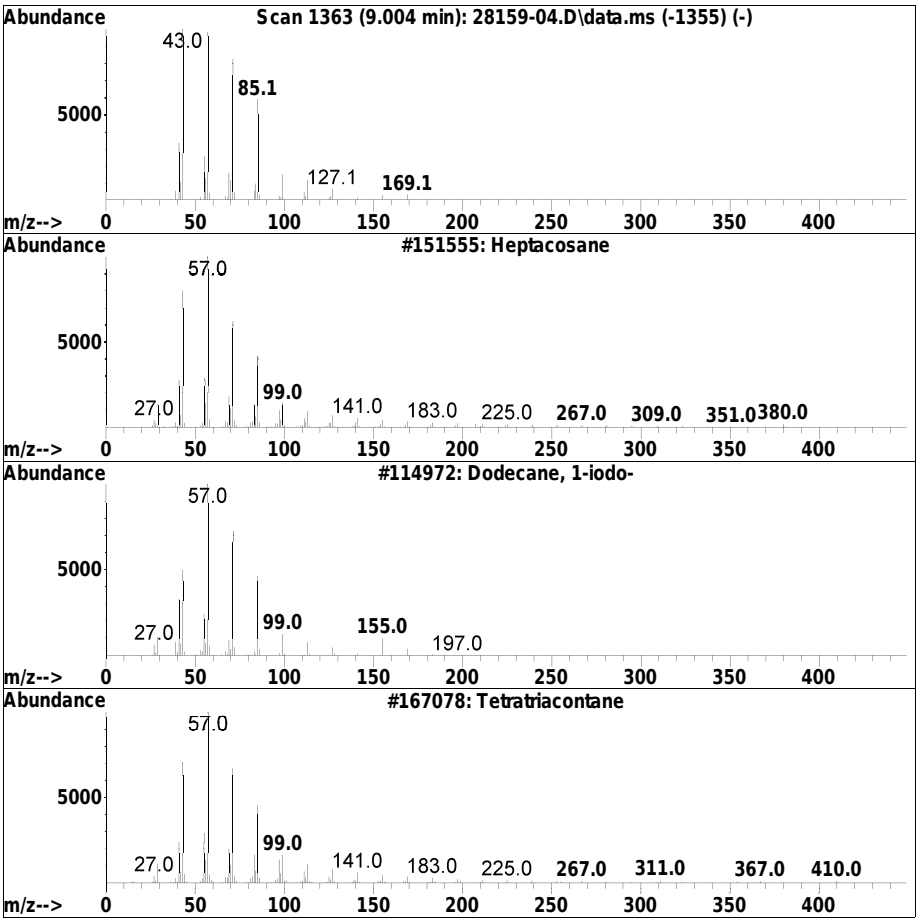
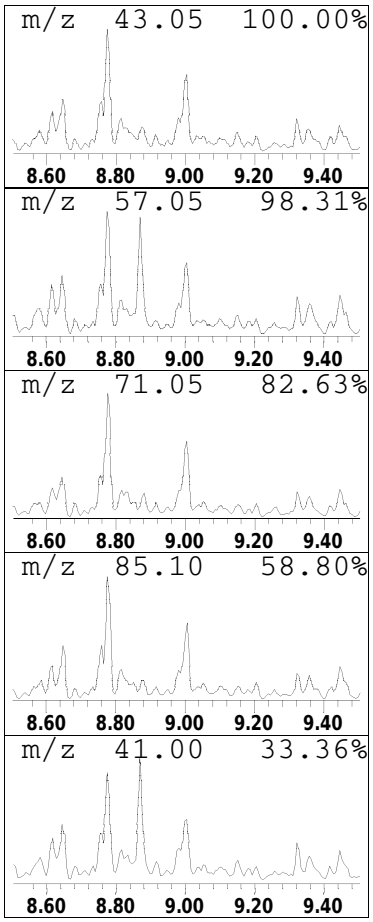
Peak Number 8 Unknown Alkane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.004	1.34 ug/ml	53211	IS3_Acenaphthene-d10	8.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
3	Tetratriacontane	479	C34H70	014167-59-0	83
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
5	10-Methylnonadecane	282	C20H42	056862-62-5	78





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Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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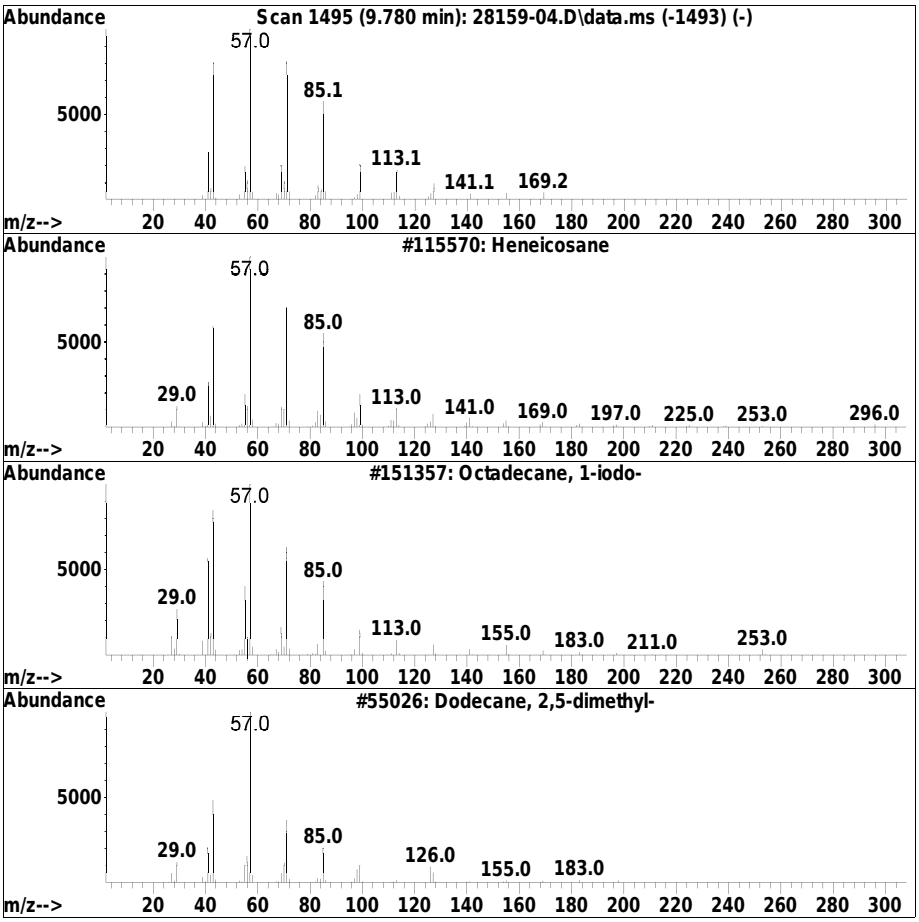
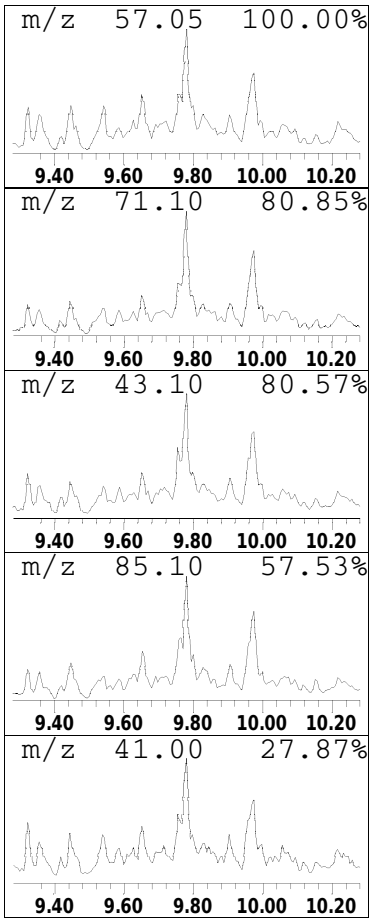
Peak Number 9 Unknown Alkane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.780	1.26 ug/ml	45046	IS1_Phenanthrene-d10	10.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	72
4	Nonacosane	408	C29H60	000630-03-5	72
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64





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Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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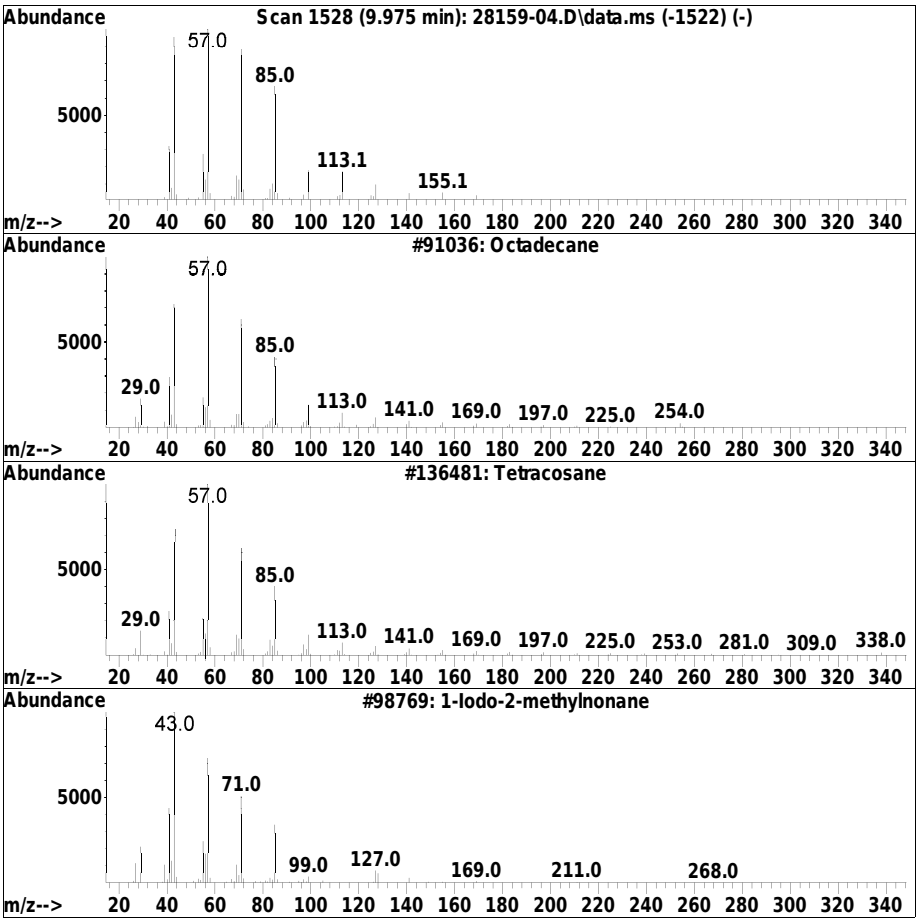
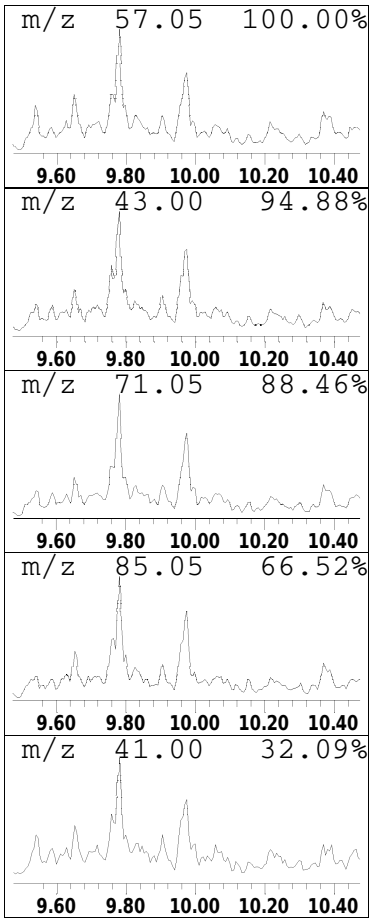
Peak Number 10 Unknown Alkane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.975	1.32 ug/ml	47305	IS1_Phenanthrene-d10	10.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Tetracosane	338	C24H50	000646-31-1	72
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
4	Eicosane	282	C20H42	000112-95-8	64
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59





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Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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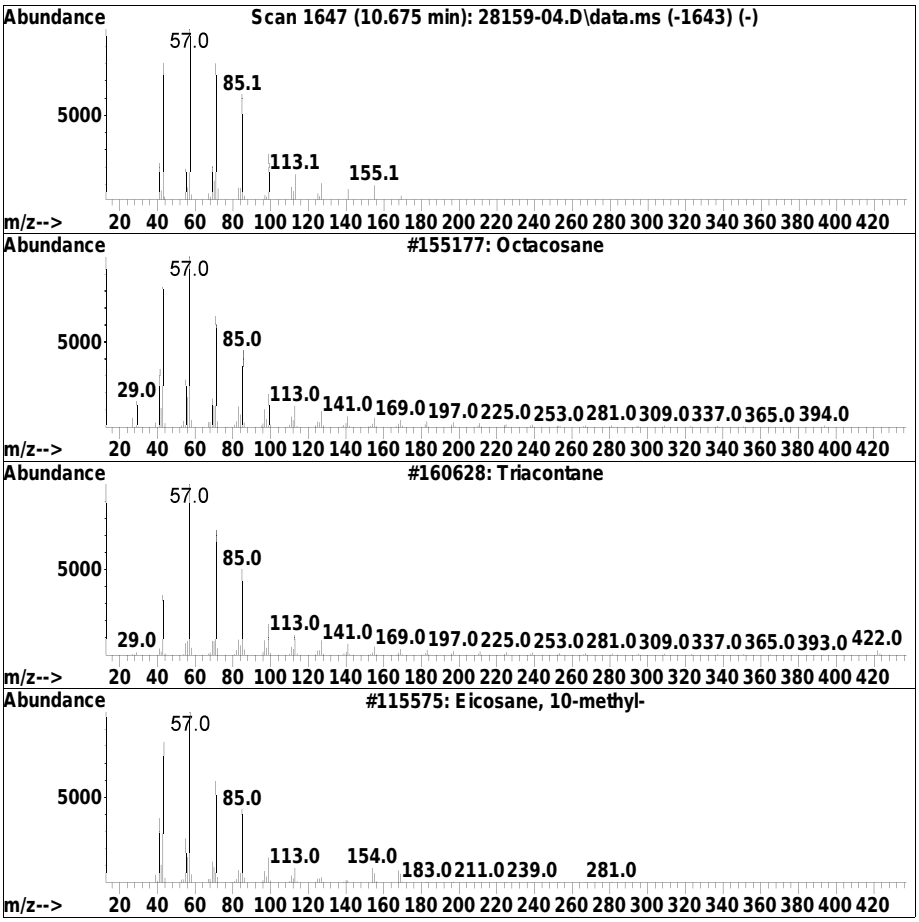
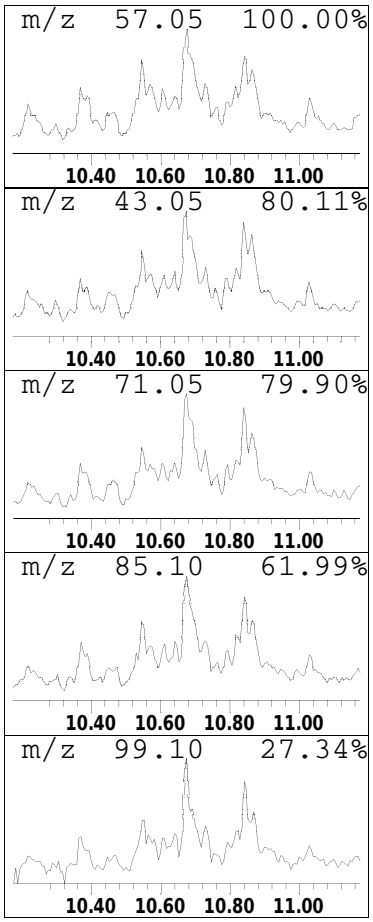
Peak Number 11 Unknown Alkane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	1.15 ug/ml	40952	IS3_Phenanthrene-d10	10.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	83
2	Triacontane	422	C30H62	000638-68-6	78
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
4	Nonacosane	408	C29H60	000630-03-5	78
5	Eicosane	282	C20H42	000112-95-8	72





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-04.D
Acq On : 30 Jun 2019 3:32 am
Operator : SV106:sz
Sample : l1928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

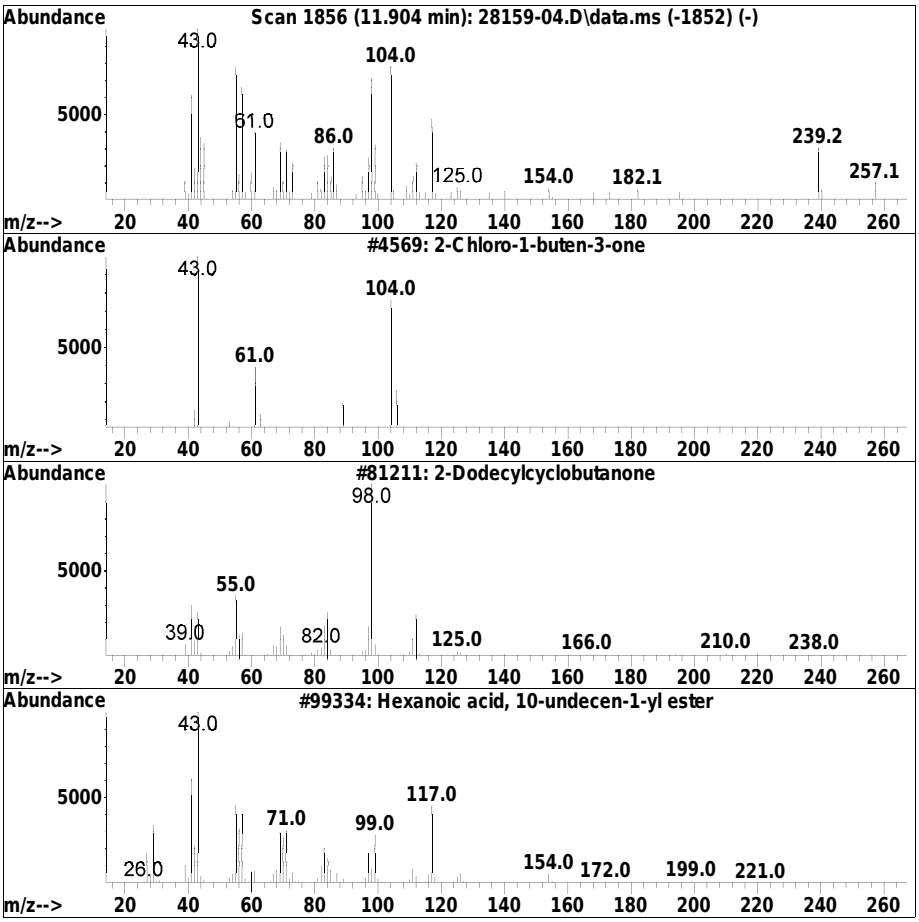
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

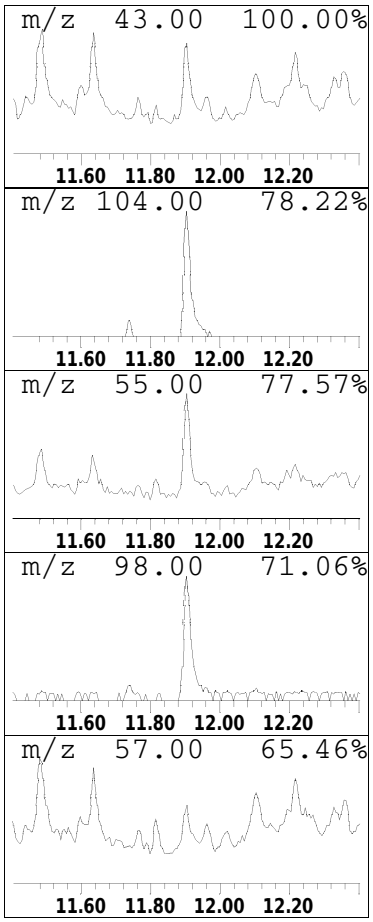
****

Peak Number 12 Unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	1.22 ug/ml	49622	IS1_Chrysene-d12	12.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-1-buten-3-one	104	C4H5ClO	000683-70-5	25
2	2-Dodecylcyclobutanone	238	C16H30O	035493-46-0	14
3	Hexanoic acid, 10-undecen-1-yl e...	268	C17H32O2	1000160-13-4	14
4	Palmitoyl chloride	274	C16H31ClO	000112-67-4	14
5	5-Hexadecenoic acid, 2-methoxy-,...	298	C18H34O3	1000115-60-4	14





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-04.D
Acq On : 30 Jun 2019 3:32 am
Operator : SV106:sz
Sample : l1928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

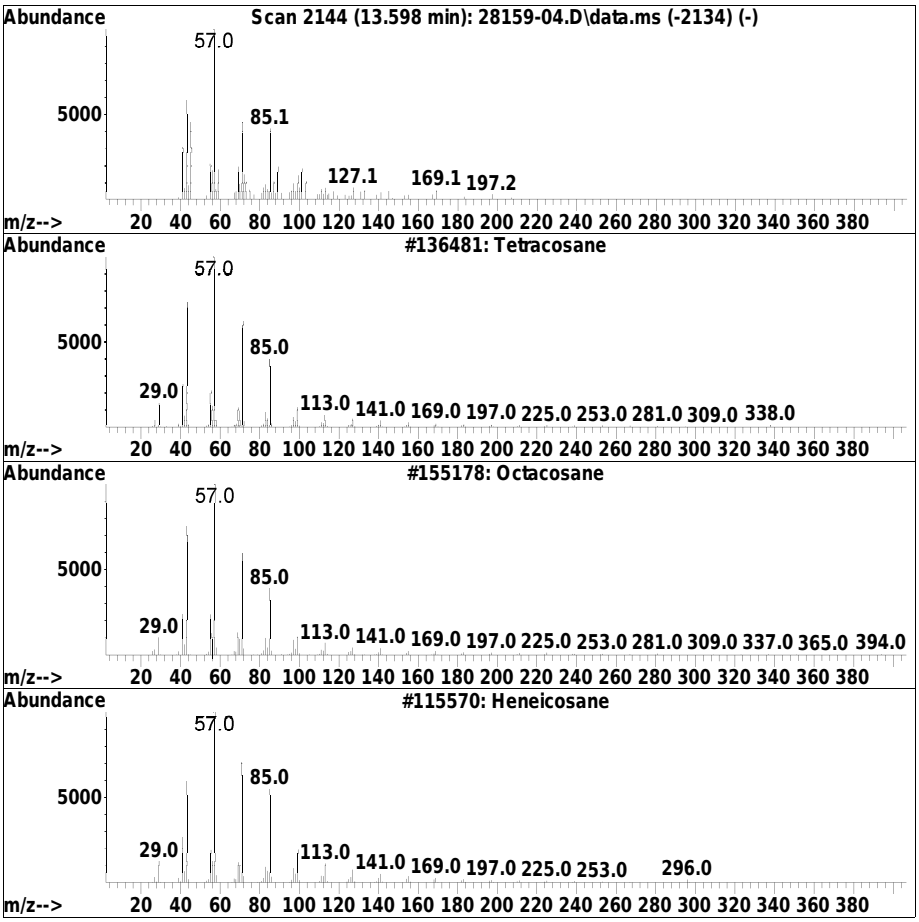
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

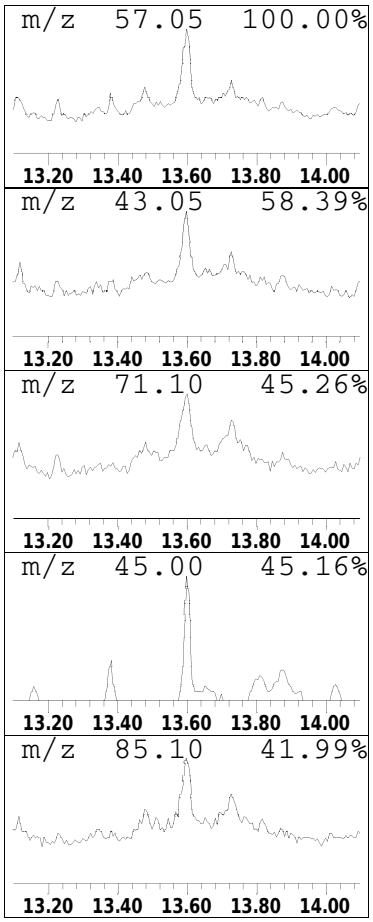
****

Peak Number 13 Unknown Alkane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.598	1.30 ug/ml	58132	IS1_Perylene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	43
2	Octacosane	394	C28H58	000630-02-4	43
3	Heneicosane	296	C21H44	000629-94-7	43
4	Heptadecane	240	C17H36	000629-78-7	43
5	Hexadecane	226	C16H34	000544-76-3	38





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-04.D
Acq On : 30 Jun 2019 3:32 am
Operator : SV106:sz
Sample : l1928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

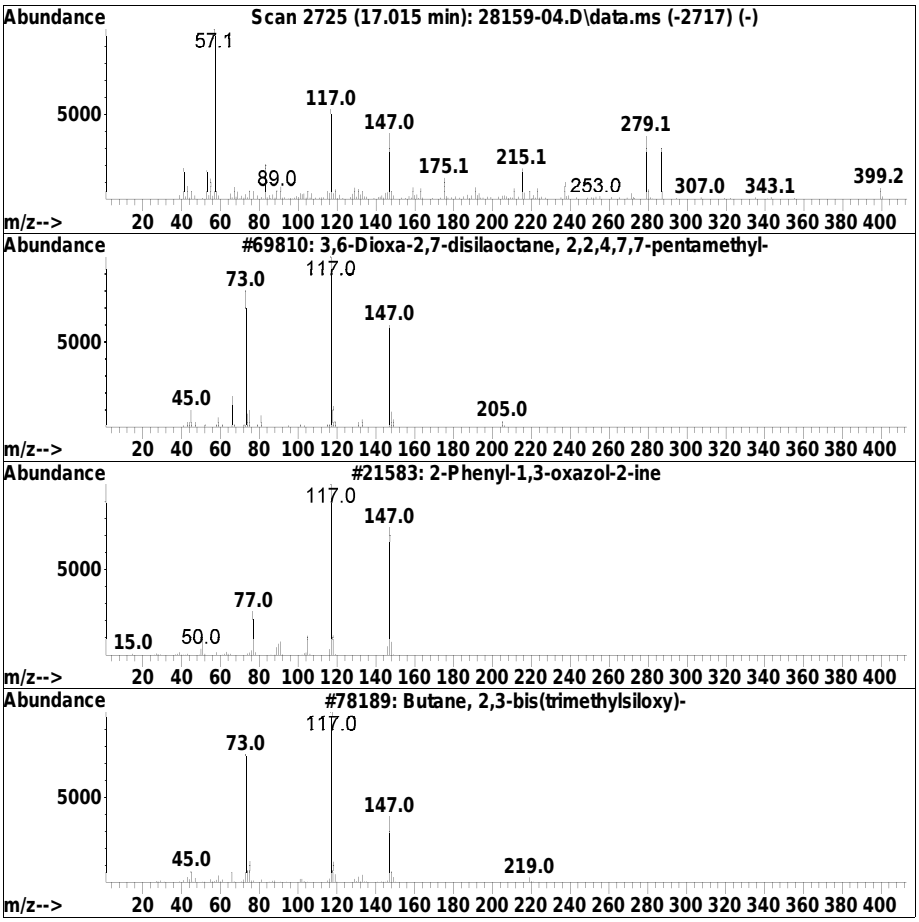
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

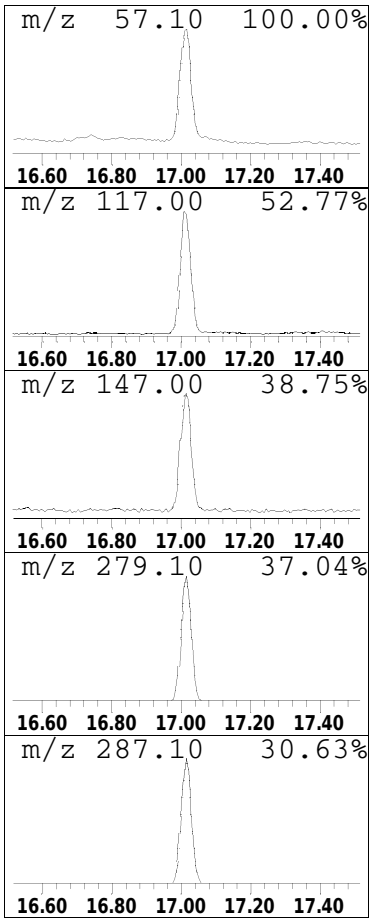
****

Peak Number 14 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.015	5.12 ug/ml	228402	IS1_Perylene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,7-disilaoctane, 2,2,...	220	C9H24O2Si2	017887-27-3	25
2	2-Phenyl-1,3-oxazol-2-ine	147	C9H9NO	007127-19-7	25
3	Butane, 2,3-bis(trimethylsiloxy)-	234	C10H26O2Si2	053274-85-4	10
4	2-Propanol, 1-(4-methylphenyl)-3...	224	C11H16N2O3	138416-27-0	10
5	d-Ribose, 2-deoxy-bis(thioheptyl...	380	C19H40O3S2	123390-22-7	10





Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-04.D
Acq On : 30 Jun 2019 3:32 am
Operator : SV106:sz
Sample : l1928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

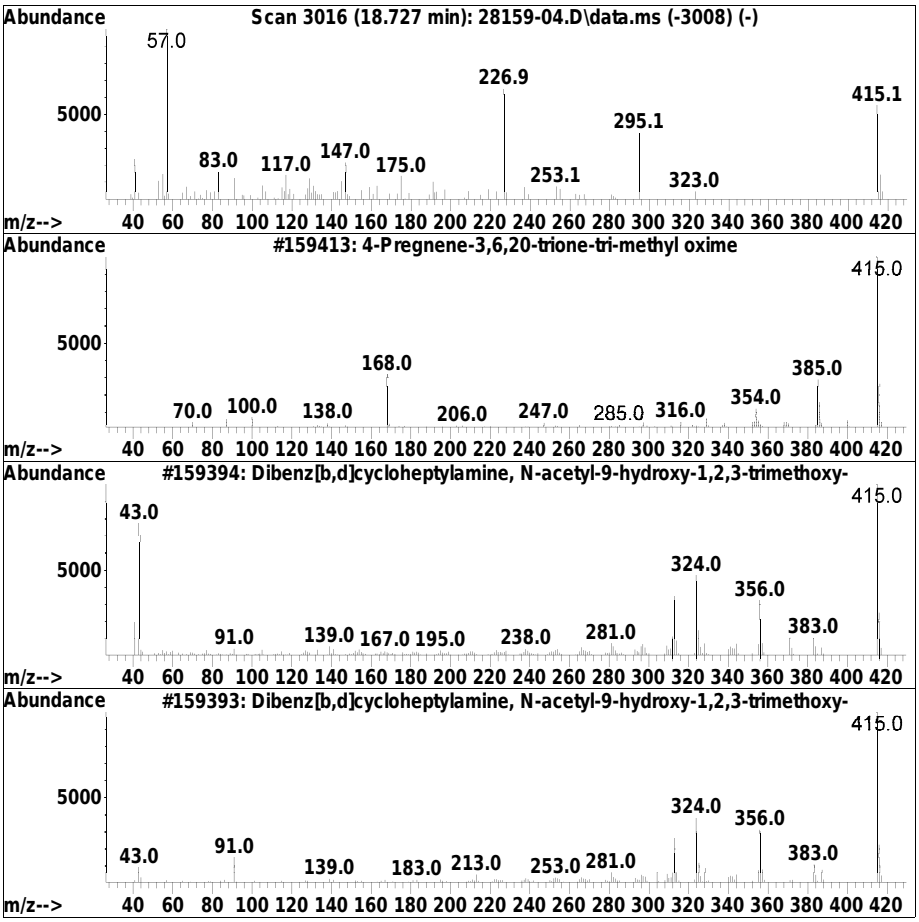
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

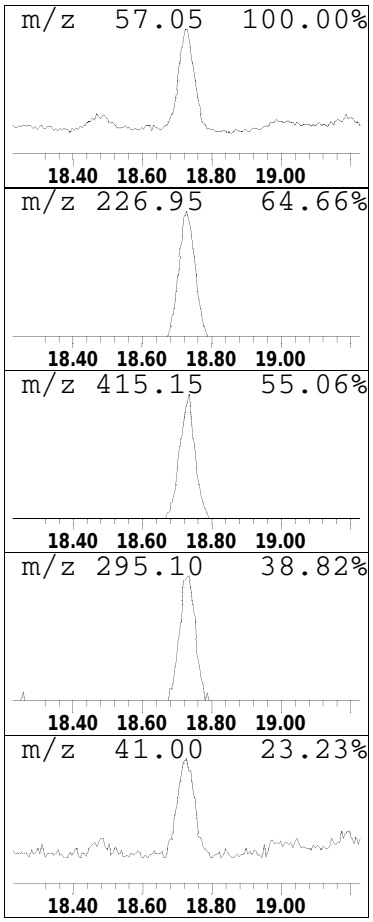
****

Peak Number 15 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.727	2.21 ug/ml	98738	IS1_Perylene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pregnene-3,6,20-trione-tri-met...	415	C24H37N3O3	1000069-38-0	10
2	Dibenz[b,d]cycloheptylamine, N-a...	415	C22H25NO7	094013-16-8	10
3	Dibenz[b,d]cycloheptylamine, N-a...	415	C22H25NO7	094013-16-8	10
4	1,5-Dihydroxy-2,4-diacetyl-3-phe...	288	C17H20O4	1000147-95-4	10
5	Benzoic acid, p-anilino-, methyl...	227	C14H13NO2	004058-18-8	9





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV106\190629LVI\
Data File : 28159-04.D
Acq On : 30 Jun 2019 3:32 am
Operator : SV106:sz
Sample : 11928159-04,32,,nj-bnext,tq
Misc : wg1254918,wg1254184,ical15744
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190629LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Aldol Condensates	1.963	6.7	ug/ml	138627	1	5.345	82405	4.0
Unknown Alkane	5.916	2.0	ug/ml	41381	3	5.345	82405	4.0
Unknown Alkane	6.345	1.0	ug/ml	27102	4	6.969	110286	4.0
Unknown	6.363	1.9	ug/ml	51468	4	6.969	110286	4.0
Unknown Alkane	7.122	1.5	ug/ml	40296	5	6.969	110286	4.0
Unknown Aldehyde	7.598	3.4	ug/ml	93343	5	6.969	110286	4.0
Unknown Phenol	8.869	2.5	ug/ml	99261	8	8.745	159076	4.0
Unknown Alkane	9.004	1.3	ug/ml	53211	8	8.745	159076	4.0
Unknown Alkane	9.780	1.3	ug/ml	45046	9	10.163	142832	4.0
Unknown Alkane	9.975	1.3	ug/ml	47305	9	10.163	142832	4.0
Unknown Alkane	10.675	1.1	ug/ml	40952	11	10.163	142832	4.0
Unknown	11.904	1.2	ug/ml	49622	12	12.692	162119	4.0
Unknown Alkane	13.598	1.3	ug/ml	58132	13	14.074	178394	4.0
Unknown	17.015	5.1	ug/ml	228402	13	14.074	178394	4.0
Unknown	18.727	2.2	ug/ml	98738	13	14.074	178394	4.0

Method Blank
Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\190630LVI\
Data File : 254184-1.D
Acq On : 30 Jun 2019 7:48 pm
Operator : SV106:sz
Sample : wg1254184-1,32,,tcl,kr,rv
Misc : wg1255040,wg1254184,ical15744
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 01 12:09:39 2019
Quant Method : I:\8270\SV106\190630LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jul 01 11:06:11 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\190630LVI\ABN0630.D
: 2 - I:\8270\SV106\190630LVI\ADP0630.D
: 3 - I:\8270\SV106\190630LVI\AP90630.D
Sub List : 8270TCL_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.345	150	21184	4.000	ug/ml		0.00
Standard Area 1 = 20109			Recovery = 105.35%				
27) IS2_1,4-Dichlorobenzen...	5.345	150	21184	4.000	ug/ml		0.00
Standard Area 3 = 20840			Recovery = 101.65%				
34) IS1_Naphthalene-d8	6.969	136	50534	4.000	ug/ml		0.00
Standard Area 1 = 46692			Recovery = 108.23%				
54) IS2_Naphthalene-d8	6.969	136	50534	4.000	ug/ml		0.00
Standard Area 3 = 50192			Recovery = 100.68%				
62) IS1_Acenaphthene-d10	8.751	164	26877	4.000	ug/ml		0.00
Standard Area 1 = 24601			Recovery = 109.25%				
82) IS2_Acenaphthene-d10	8.751	164	26877	4.000	ug/ml		0.00
Standard Area 3 = 25669			Recovery = 104.71%				
85) IS3_Acenaphthene-d10	8.751	164	26877	4.000	ug/ml		0.00
Standard Area 2 = 24374			Recovery = 110.27%				
87) IS1_Phenanthrene-d10	10.163	188	50831	4.000	ug/ml	#	0.00
Standard Area 1 = 45762			Recovery = 111.08%				
99) IS3_Phenanthrene-d10	10.163	188	50831	4.000	ug/ml	#	0.00
Standard Area 2 = 46511			Recovery = 109.29%				
103) IS1_Chrysene-d12	12.698	240	44871	4.000	ug/ml	#	0.00
Standard Area 1 = 42379			Recovery = 105.88%				
112) IS1_Perylene-d12	14.080	264	51230	4.000	ug/ml		0.00
Standard Area 1 = 47916			Recovery = 106.92%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.504	112	9345	2.383	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 47.66%				
7) Phenol-d6	4.957	99	9184	1.967	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 39.34%				
19) Nitrobenzene-d5	6.151	82	5267	1.321	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 52.84%				
45) 2-Fluorobiphenyl	8.134	172	13746	1.442	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 57.68%				
78) 2,4,6-Tribromophenol	9.516	330	4876	3.192	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 63.84%				
95) 4-Terphenyl-d14	11.745	244	20671	2.013	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 80.52%				

Data Path : I:\8270\SV106\190630LVI\
Data File : 254184-1.D
Acq On : 30 Jun 2019 7:48 pm
Operator : SV106:sz
Sample : wg1254184-1,32,,tcl,kr,rv
Misc : wg1255040,wg1254184,ical15744
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 01 12:09:39 2019
Quant Method : I:\8270\SV106\190630LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jul 01 11:06:11 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\190630LVI\ABN0630.D
: 2 - I:\8270\SV106\190630LVI\ADP0630.D
: 3 - I:\8270\SV106\190630LVI\AP90630.D
Sub List : 8270TCL_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.		
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.		

Data Path : I:\8270\SV106\190630LVI\
Data File : 254184-1.D
Acq On : 30 Jun 2019 7:48 pm
Operator : SV106:sz
Sample : wg1254184-1,32,,tcl,kr,rv
Misc : wg1255040,wg1254184,ical15744
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 01 12:09:39 2019
Quant Method : I:\8270\SV106\190630LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jul 01 11:06:11 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV106\190630LVI\ABN0630.D
: 2 - I:\8270\SV106\190630LVI\ADP0630.D
: 3 - I:\8270\SV106\190630LVI\AP90630.D
Sub List : 8270TCL_REV1 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92)	Fluoranthene	0.000		0	N.D.		
94)	Pyrene	0.000		0	N.D.		
96)	Butyl benzyl phthalate	0.000		0	N.D.		
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
106)	Chrysene	0.000		0	N.D.		
107)	Bis(2-ethylhexyl)phtha...	12.886	149	1982	0.532	ug/ml#	52
108)	Di-n-octylphthalate	0.000		0	N.D.	d	
115)	Benzo(ghi)perylene	0.000		0	N.D.		

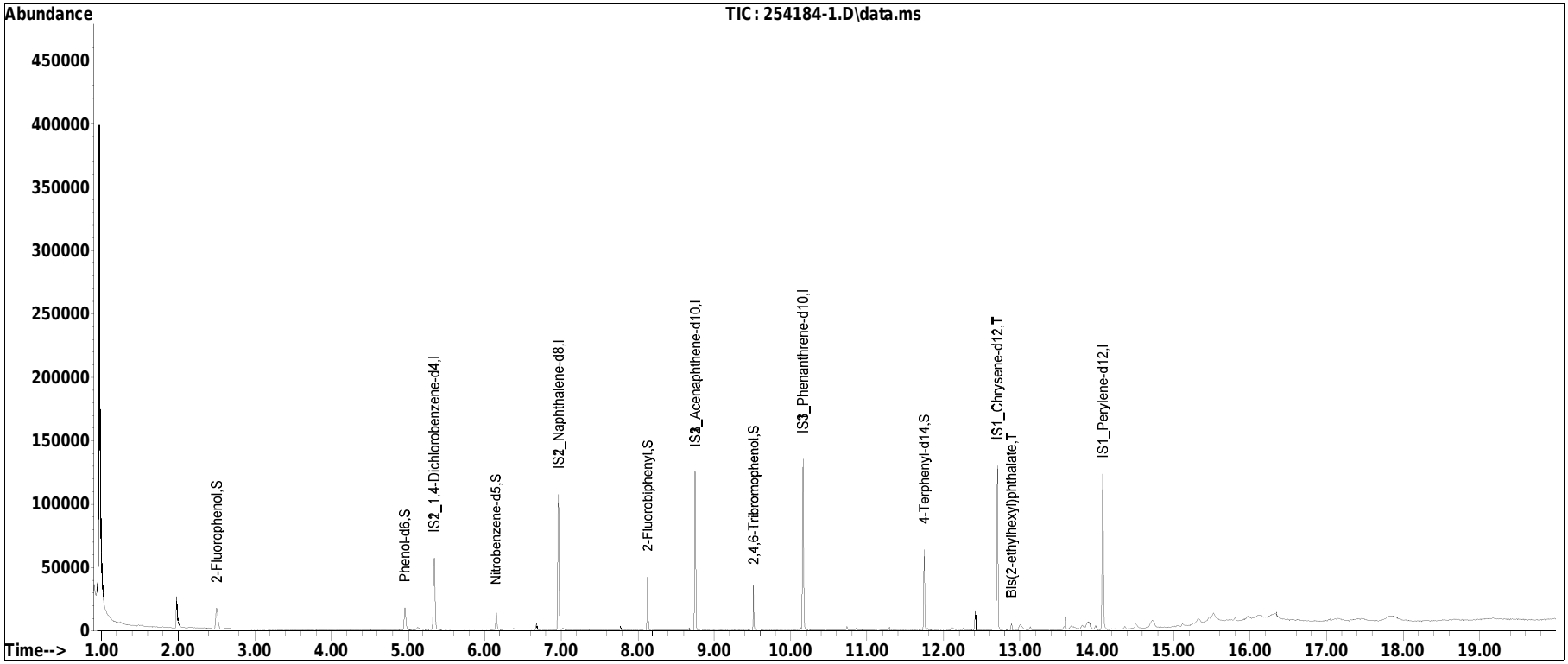
(#) = qualifier out of range (m) = manual integration (+) = signals summed

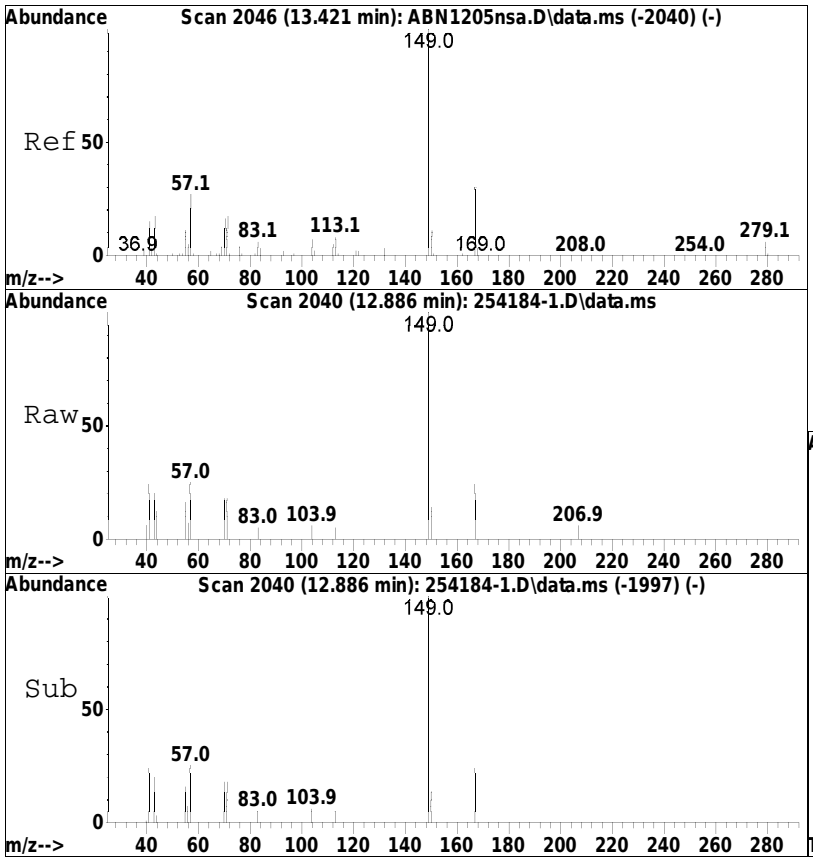
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV106\190630LVI\
Data File : 254184-1.D
Acq On : 30 Jun 2019 7:48 pm
Operator : SV106:sz
Sample : wg1254184-1,32,,tcl,kr,rv
Misc : wg1255040,wg1254184,ical15744
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 01 12:09:39 2019
Quant Method : I:\8270\SV106\190630LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jul 01 11:06:11 2019
Response via : Initial Calibration

Sub List : 8270TCL_REV1 - TCL/CT/MALVI\AP90630.D•

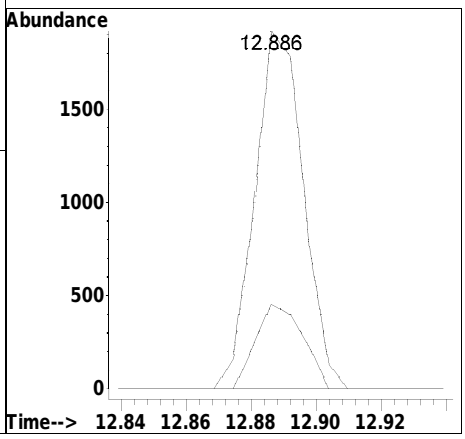




#107
Bis(2-ethylhexyl)phthalate
Concen: 0.53 ug/ml
RT: 12.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: 254184-1.D
Acq: 30 Jun 2019 7:48 pm

Tgt Ion:149 Resp: 1982

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.1	33.1#
279	0.0	3.0	4.4#



Manual Integration Report

Data Path	: I:\8270\SV106\190630LVI\	QMethod	: FS190429nLVISV106.m
Data File	: 254184-1.D	Operator	: SV106:sz
Date Inj'd	: 6/30/2019 7:48 pm	Instrument	: SV 106
Sample	: wg1254184-1,32,,tcl,kr,rv	Quant Date	: 7/1/2019 11:09 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV106\190630LVI\
Data File : 254184-1.D
Acq On : 30 Jun 2019 7:48 pm
Operator : SV106:sz
Sample : wg1254184-1,32,,tcl,kr,rv
Misc : wg1255040,wg1254184,ical15744
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190630LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 254184-1.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.252	59	62	67	rVB4	2027	3305	2.39%	0.307%
2	1.975	182	185	199	rBV	24745	37698	27.26%	3.499%
3	2.499	270	274	282	rBV	16600	29746	21.51%	2.761%
4	4.957	687	692	699	rBV	17502	24289	17.56%	2.255%
5	5.128	716	721	729	rBV4	1756	3437	2.49%	0.319%
6	5.345	753	758	766	rVB	56285	74721	54.03%	6.936%
7	6.151	892	895	901	rBV	14963	14299	10.34%	1.327%
8	6.681	982	985	991	rVB	4947	4570	3.30%	0.424%
9	6.969	1030	1034	1038	rBV	106656	97033	70.16%	9.007%
10	7.016	1039	1042	1049	rVB4	1343	2407	1.74%	0.223%
11	7.775	1166	1171	1174	rVB2	3236	2777	2.01%	0.258%
12	8.134	1229	1232	1236	rBV	42162	34803	25.17%	3.231%
13	8.669	1320	1323	1326	rBV	1668	1463	1.06%	0.136%
14	8.745	1333	1336	1340	rBV	125340	115552	83.56%	10.726%
15	9.510	1463	1466	1476	rBV	35723	33861	24.48%	3.143%
16	10.133	1569	1572	1574	rBV	2405	2202	1.59%	0.204%
17	10.163	1574	1577	1583	rVB	135021	118282	85.53%	10.980%
18	10.733	1669	1674	1677	rBV	2692	2781	2.01%	0.258%
19	10.857	1691	1695	1697	rVB3	1439	1398	1.01%	0.130%
20	11.286	1765	1768	1771	rBV	2070	1909	1.38%	0.177%
21	11.745	1842	1846	1849	rBV	63790	55206	39.92%	5.125%
22	11.780	1850	1852	1856	rVB2	1795	1748	1.26%	0.162%
23	12.104	1903	1907	1919	rVB2	2498	6691	4.84%	0.621%
24	12.251	1928	1932	1935	rBV2	1632	1866	1.35%	0.173%
25	12.410	1955	1959	1963	rBV	14782	14011	10.13%	1.301%
26	12.698	2004	2008	2012	rBV	130083	125073	90.44%	11.610%
27	12.780	2018	2022	2024	rBV3	1284	2114	1.53%	0.196%
28	12.886	2037	2040	2043	rVB	5289	4928	3.56%	0.457%

LSC Area Percent Report

Data Path : I:\8270\SV106\190630LVI\
Data File : 254184-1.D
Acq On : 30 Jun 2019 7:48 pm
Operator : SV106:sz
Sample : wg1254184-1,32,,tcl,kr,rv
Misc : wg1255040,wg1254184,ical15744
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV106\190630LVI\FS190429nLVISV106.m
Title : Semivolatiles by GC/MS by modified 8270

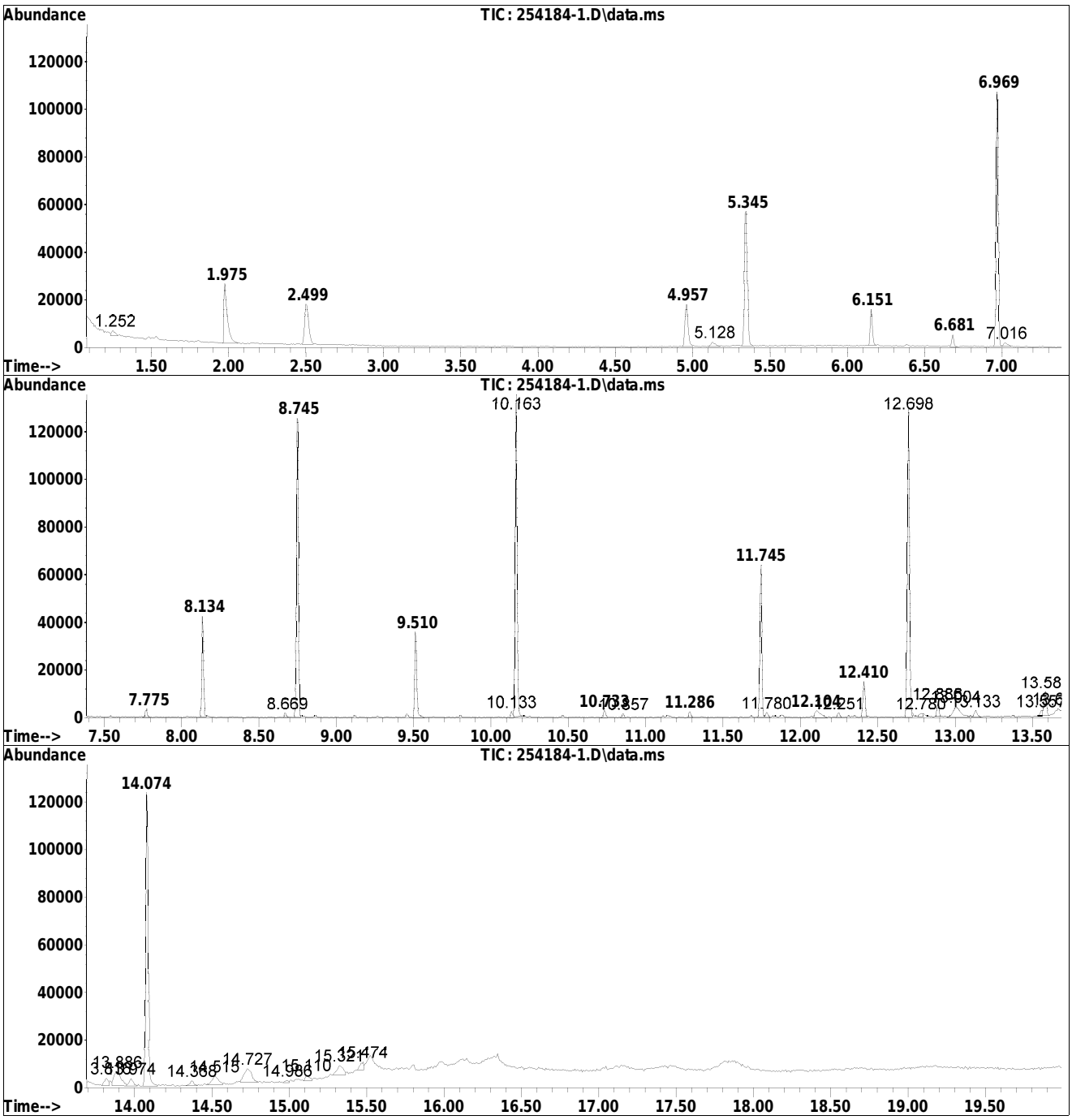
29	13.004	2050	2060	2075	rBV4	4385	13835	10.00%	1.284%
30	13.133	2077	2082	2088	rVB	2542	3262	2.36%	0.303%
31	13.557	2151	2154	2155	rBV2	2102	2138	1.55%	0.198%
32	13.586	2155	2159	2163	rVB	9916	11453	8.28%	1.063%
33	13.663	2166	2172	2177	rBV6	2410	5459	3.95%	0.507%
34	13.816	2193	2198	2201	rBV5	3054	5618	4.06%	0.521%
35	13.886	2204	2210	2220	rVV6	5645	18655	13.49%	1.732%
36	13.974	2220	2225	2232	rVB5	3034	5458	3.95%	0.507%
37	14.074	2238	2242	2254	rVB	122759	138294	100.00%	12.837%
38	14.368	2285	2292	2298	rBV3	1971	3471	2.51%	0.322%
39	14.515	2308	2317	2326	rBV5	3429	10153	7.34%	0.942%
40	14.727	2345	2353	2365	rVB4	5585	18805	13.60%	1.746%
41	14.986	2392	2397	2399	rBV5	934	1641	1.19%	0.152%
42	15.110	2415	2418	2424	rBV6	2386	4429	3.20%	0.411%
43	15.321	2447	2454	2461	rBV8	3858	11130	8.05%	1.033%
44	15.474	2474	2480	2481	rBV4	3324	5323	3.85%	0.494%

Sum of corrected areas: 1077294

Data Path : I:\8270\SV106\190630LVI\
Data File : 254184-1.D
Acq On : 30 Jun 2019 7:48 pm
Operator : SV106:sz
Sample : wg1254184-1,32,,tcl,kr,rv
Misc : wg1255040,wg1254184,ical15744
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190630LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\SV106\190630LVI\
Data File : 254184-1.D
Acq On : 30 Jun 2019 7:48 pm
Operator : SV106:sz
Sample : wg1254184-1,32,,tcl,kr,rv
Misc : wg1255040,wg1254184,ical15744
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190630LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

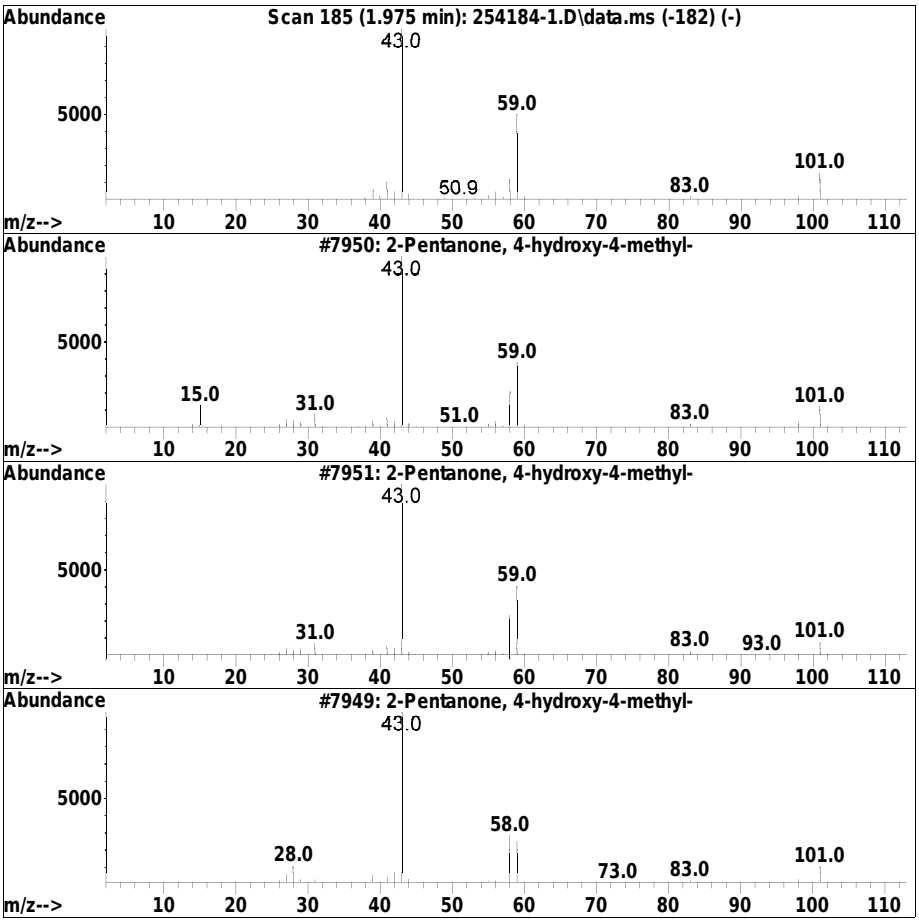
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

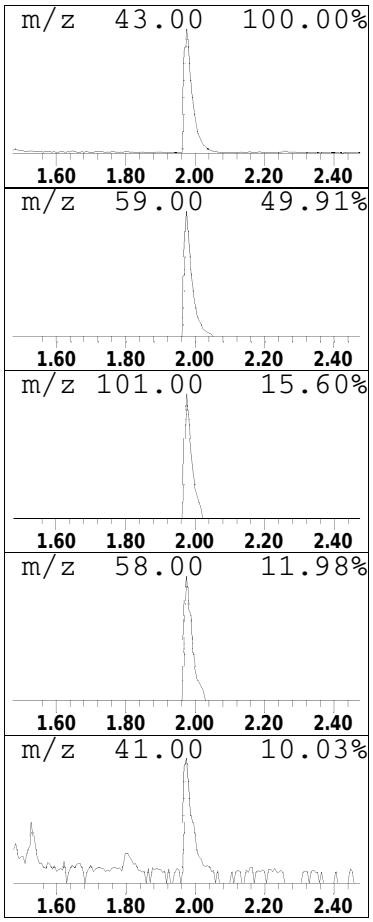
****

Peak Number 1 Aldol Condensates Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.975	2.02 ug/ml	37698	IS2_1,4-Dichlorobenzene-d4	5.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10





Data Path : I:\8270\SV106\190630LVI\
Data File : 254184-1.D
Acq On : 30 Jun 2019 7:48 pm
Operator : SV106:sz
Sample : wg1254184-1,32,,tcl,kr,rv
Misc : wg1255040,wg1254184,ical15744
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190630LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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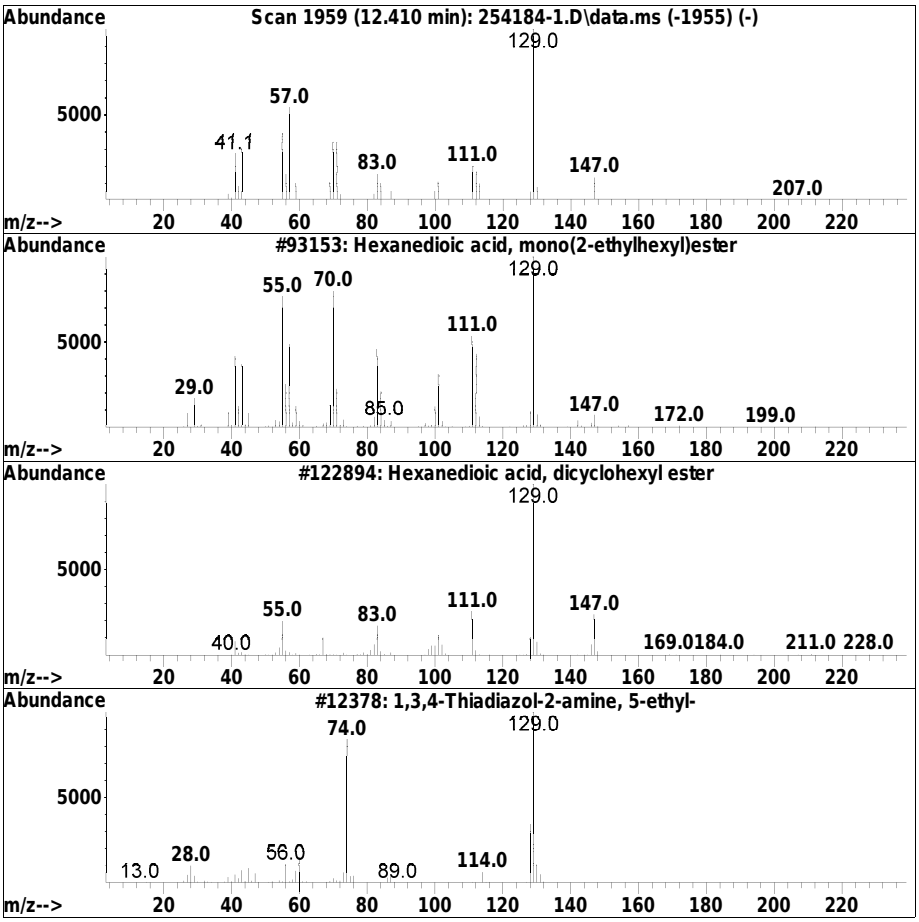
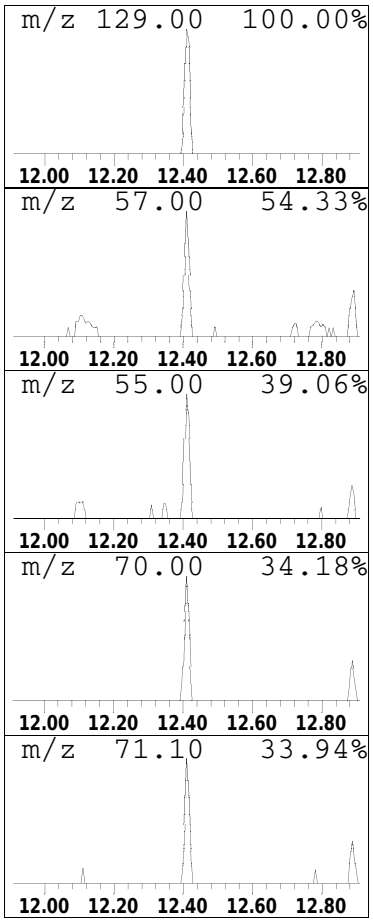
Peak Number 2 Unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	0.45 ug/ml	14011	IS1_Chrysene-d12	12.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	38
2	Hexanedioic acid, dicyclohexyl e...	310	C18H30O4	000849-99-0	37
3	1,3,4-Thiadiazol-2-amine, 5-ethyl-	129	C4H7N3S	014068-53-2	35
4	Thiophene, 2-nitro-	129	C4H3NO2S	000609-40-5	32
5	Propionic acid, 2-diethylborylox...	186	C9H19BO3	1000149-82-1	32





Data Path : I:\8270\SV106\190630LVI\
Data File : 254184-1.D
Acq On : 30 Jun 2019 7:48 pm
Operator : SV106:sz
Sample : wg1254184-1,32,,tcl,kr,rv
Misc : wg1255040,wg1254184,ical15744
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190630LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

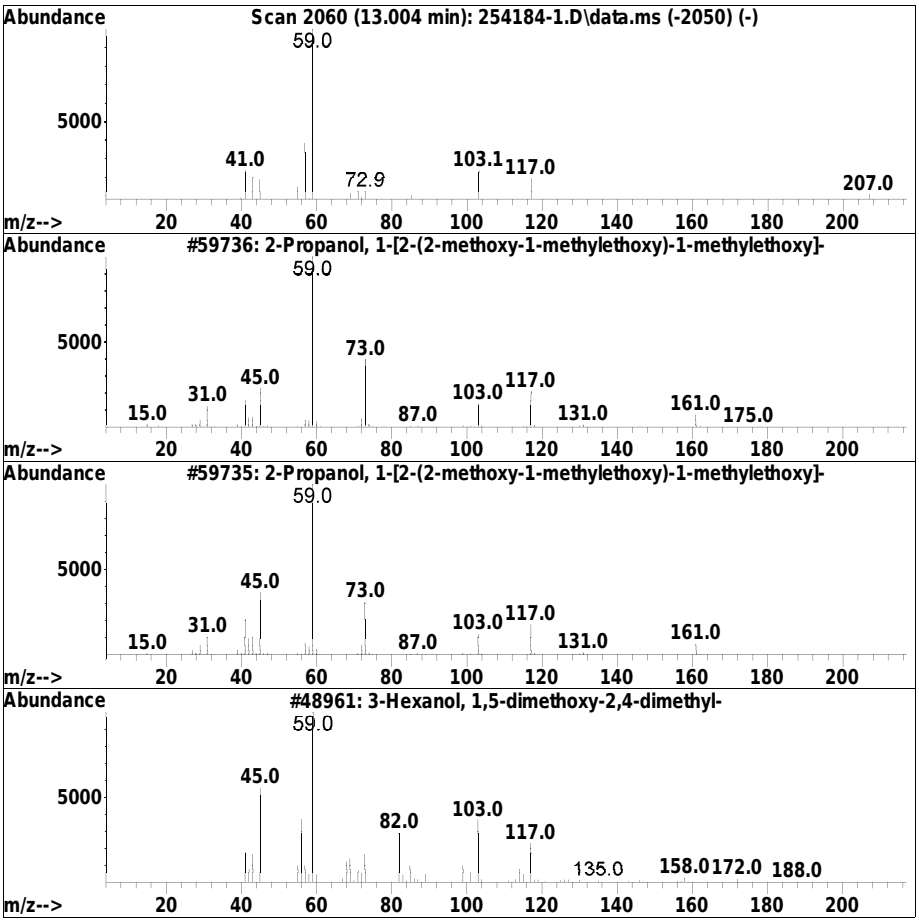
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

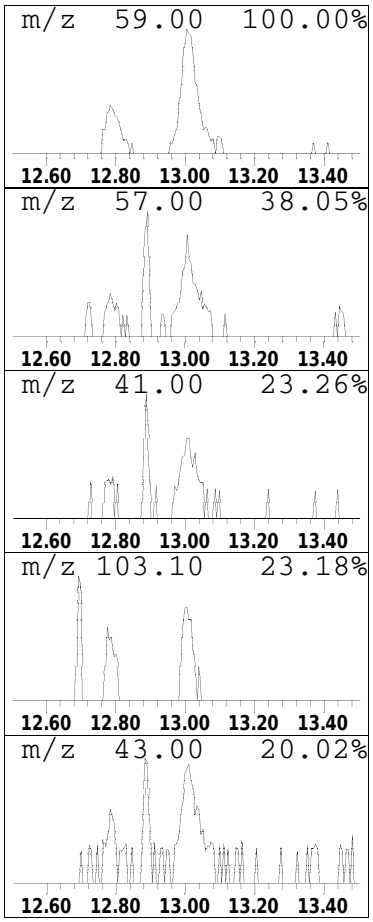
****

Peak Number 3 Unknown Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.004	0.44 ug/ml	13835	IS1_Chrysene-d12	12.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	33
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	33
3	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	28
4	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	25
5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	9





Data Path : I:\8270\SV106\190630LVI\
Data File : 254184-1.D
Acq On : 30 Jun 2019 7:48 pm
Operator : SV106:sz
Sample : wg1254184-1,32,,tcl,kr,rv
Misc : wg1255040,wg1254184,ical15744
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190630LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

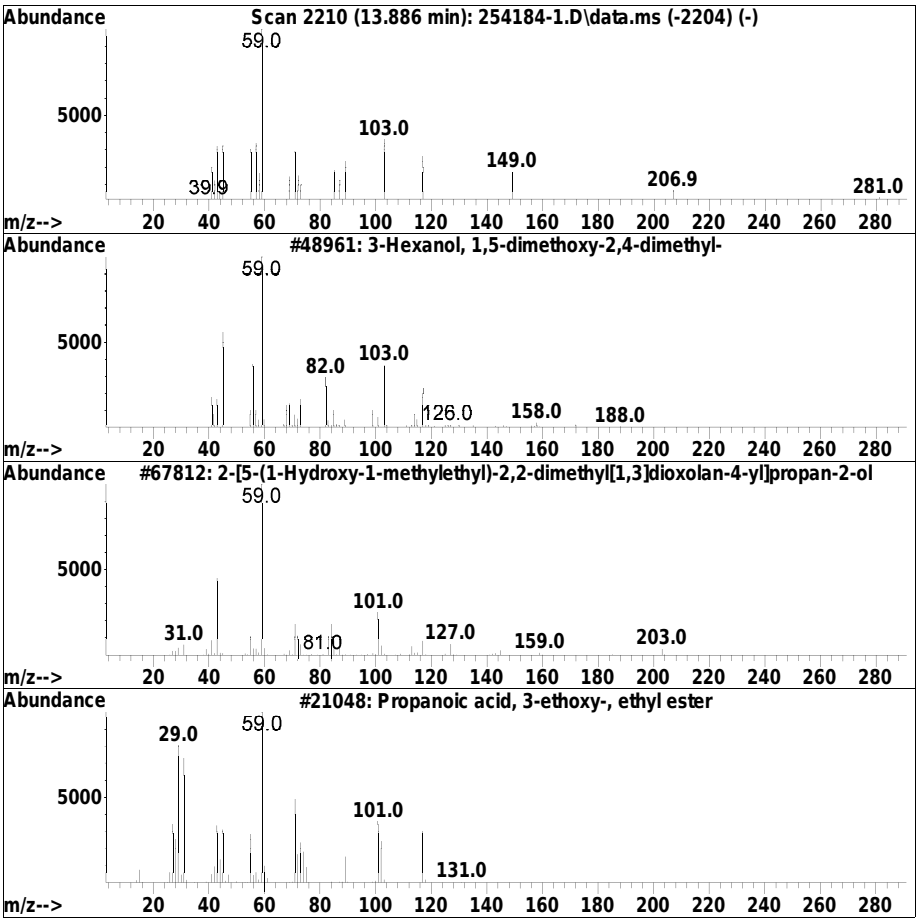
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

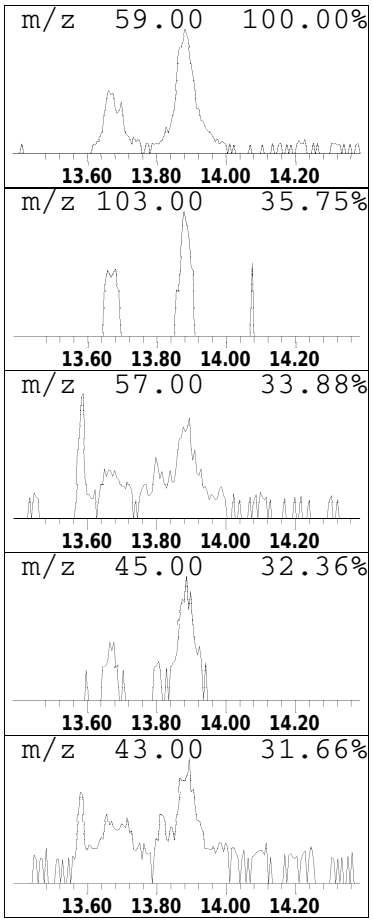
****

Peak Number 4 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	0.54 ug/ml	18655	IS1_Perylene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	33
2	2-[5-(1-Hydroxy-1-methylethyl)-2...	218	C11H22O4	1000190-33-6	33
3	Propanoic acid, 3-ethoxy-, ethyl...	146	C7H14O3	000763-69-9	25
4	3-Heptadecanol	256	C17H36O	084534-30-5	25
5	Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	23





Data Path : I:\8270\SV106\190630LVI\
Data File : 254184-1.D
Acq On : 30 Jun 2019 7:48 pm
Operator : SV106:sz
Sample : wg1254184-1,32,,tcl,kr,rv
Misc : wg1255040,wg1254184,ical15744
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190630LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

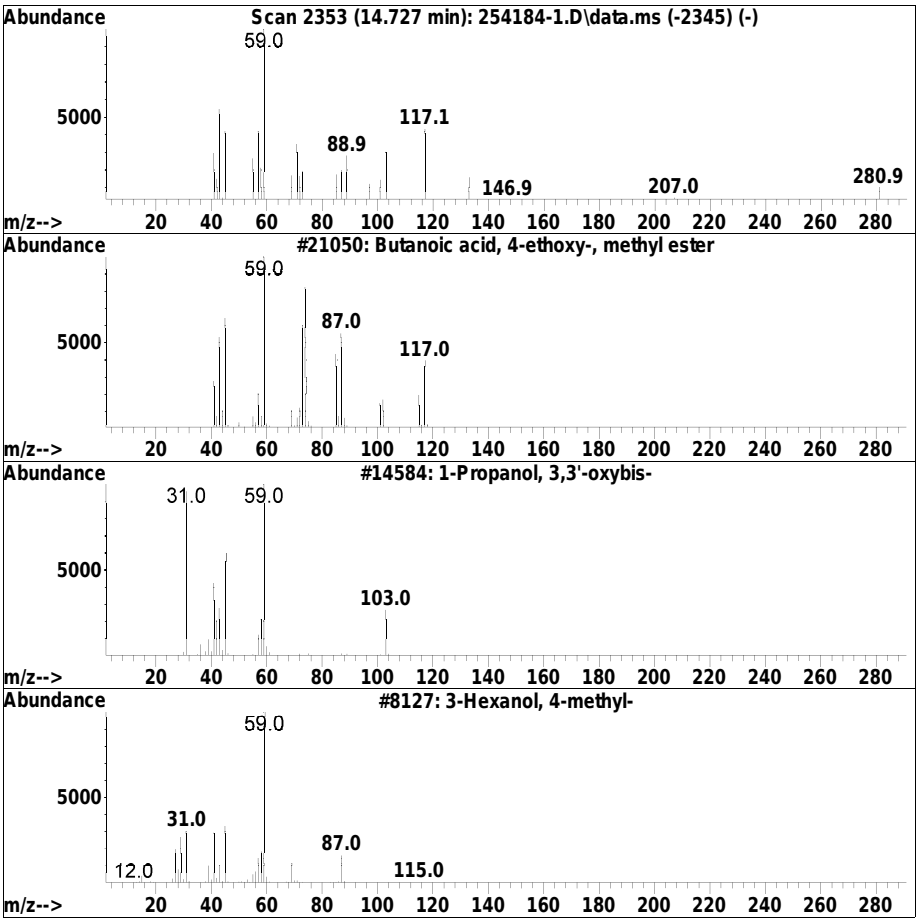
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

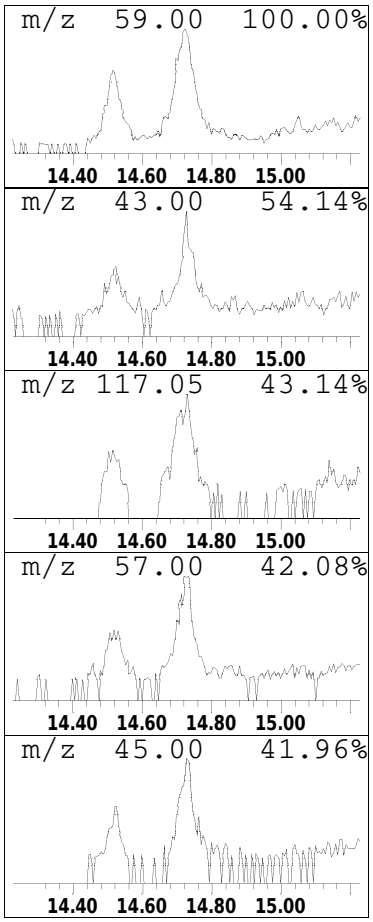
****

Peak Number 5 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	0.54 ug/ml	18805	IS1_Perylene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 4-ethoxy-, methyl...	146	C7H14O3	029006-04-0	37
2	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	32
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	32
4	.beta.-D-Mannofuranoside, 3,6,9-...	402	C17H32B2O9	1000155-77-2	28
5	Propanoic acid, 3-ethoxy-, ethyl...	146	C7H14O3	000763-69-9	28





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV106\190630LVI\
Data File : 254184-1.D
Acq On : 30 Jun 2019 7:48 pm
Operator : SV106:sz
Sample : wg1254184-1,32,,tcl,kr,rv
Misc : wg1255040,wg1254184,ical15744
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\8270\SV106\190630LVI\FS190429nLVISV106.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Aldol Condensates	1.975	2.0	ug/ml	37698	1	5.345	74721	4.0
Unknown	12.410	0.4	ug/ml	14011	12	12.698	125073	4.0
Unknown Alcohol	13.004	0.4	ug/ml	13835	12	12.698	125073	4.0
Unknown	13.886	0.5	ug/ml	18655	13	14.080	138294	4.0
Unknown	14.727	0.5	ug/ml	18805	13	14.080	138294	4.0

GC/MS Extractable Analysis
Method 8270
Selective Ion Monitoring

Sample Results Summary

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-01	**Date Collected**	: 06/26/19 10:15
Client ID	: MW-1	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 06/30/19 10:35
Sample Matrix	: WATER	**Date Extracted**	: 06/28/19
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 28159-01	**Analyst**	: CB
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: L1928159-02	Date Collected	: 06/26/19 10:46
Client ID	: MW-2	Date Received	: 06/27/19
Sample Location	: MAYS LANDING, NJ	Date Analyzed	: 06/30/19 10:51
Sample Matrix	: WATER	Date Extracted	: 06/28/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 28159-02	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV124
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-03	**Date Collected**	: 06/26/19 11:17
Client ID	: MW-3	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 06/30/19 11:07
Sample Matrix	: WATER	**Date Extracted**	: 06/28/19
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 28159-03	**Analyst**	: CB
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab ID	: L1928159-04	**Date Collected**	: 06/26/19 11:52
Client ID	: MW-4	**Date Received**	: 06/27/19
Sample Location	: MAYS LANDING, NJ	**Date Analyzed**	: 06/30/19 11:23
Sample Matrix	: WATER	**Date Extracted**	: 06/28/19
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 28159-04	**Analyst**	: CB
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Lisko Environmental, LLC	Lab Number	: L1928159
Project Name	: PISTOIA TIRE CO. INC	Project Number	: 0064-3
Lab ID	: WG1254186-1	Date Collected	: NA
Client ID	: WG1254186-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 06/28/19 12:31
Sample Matrix	: WATER	Date Extracted	: 06/28/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 254186-1	Analyst	: DV
Sample Amount	: 275 ml	Instrument ID	: SV124
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV124	**Analysis Date**	: 06/12/19 22:59
Tune Standard	: R1196692-12	**Tune File ID**	: TUNE_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	64.5
68	Less than 2.0% of mass 69	0.3 (1)1
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	50.5
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	22.8
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	17.1
442	Base Peak, or >50% of mass 198	62.4
443	15.0 - 24.0% of mass 442	11.7 (18.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
IL7	R1196692-9	IL7	06/13/19 00:04
IL6	R1196692-7	IL6	06/13/19 00:20
IL5	R1196692-8	IL5	06/13/19 00:37
IL4	R1196692-6	IL4	06/13/19 00:53
IL3	R1196692-5	IL3	06/13/19 01:09
IL2	R1196692-4	IL2	06/13/19 01:25
IL1	R1196692-3	IL1	06/13/19 01:42
IL10a	R1196692-2	IL10A	06/13/19 01:58
IL9a	R1196692-11	IL9A	06/13/19 02:14
IL8a	R1196692-10	IL8A	06/13/19 02:30
ICV Quant Report	R1196692-1	ICV	06/13/19 02:47

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV124	**Analysis Date**	: 06/28/19 08:32
Tune Standard	: WG1254392-1	**Tune File ID**	: deg0628_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	59.4
68	Less than 2.0% of mass 69	0 (0)1
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	51.3
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.1
275	10.0 - 60.0% of Base Peak	23.3
365	Greater than 1.0% of mass 198	2.2
441	Present, but less than 24% of mass 442	14.9
442	Base Peak, or >50% of mass 198	78.9
443	15.0 - 24.0% of mass 442	15.2 (19.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1254392-3CCAL	WG1254392-3	CCV0628	06/28/19 08:59
WG1254186-1BLANK	WG1254186-1	254186-1	06/28/19 12:31
WG1254186-2LCS	WG1254186-2	254186-2	06/28/19 12:47
WG1254186-3LCSD	WG1254186-3	254186-3	06/28/19 13:03

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV124	**Analysis Date**	: 06/30/19 09:47
Tune Standard	: WG1254979-1	**Tune File ID**	: deg0630_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	60.2
68	Less than 2.0% of mass 69	0 (0)1
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	49.8
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 60.0% of Base Peak	23.5
365	Greater than 1.0% of mass 198	1.4
441	Present, but less than 24% of mass 442	16.3
442	Base Peak, or >50% of mass 198	73.5
443	15.0 - 24.0% of mass 442	14.3 (19.5)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1254979-3CCAL	WG1254979-3	CCV0630	06/30/19 10:10
MW-1	L1928159-01	28159-01	06/30/19 10:35
MW-2	L1928159-02	28159-02	06/30/19 10:51
MW-3	L1928159-03	28159-03	06/30/19 11:07
MW-4	L1928159-04	28159-04	06/30/19 11:23

Blank Results Summary

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Lab Sample ID	: WG1254186-1	**Lab File ID**	: 254186-1
Instrument ID	: SV124	**Extraction Date**	: 06/28/19
Matrix	: WATER	**Analysis Date**	: 06/28/19 12:31
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1254186-2LCS	WG1254186-2	06/28/19 12:47
WG1254186-3LCSD	WG1254186-3	06/28/19 13:03
MW-1	L1928159-01	06/30/19 10:35
MW-2	L1928159-02	06/30/19 10:51
MW-3	L1928159-03	06/30/19 11:07
MW-4	L1928159-04	06/30/19 11:23

Standards Data Summary

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1928159**
Project Name	**: PISTOIA TIRE CO. INC**	**Project Number**	**: 0064-3**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL15868**
Calibration dates	**: 06/13/19 00:04 06/13/19 02:30**		

Calibration Files
L1 =IL1.d L2 =IL2.d L3 =IL3.d L4 =IL4.d L5 =IL5.d L6 =IL6.d L7 =IL7.d L8 =IL8a.d
L9 =IL9a.d L10 =IL10a.d

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	
1)	i	1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	s	2-Fluorophenol		1.077	1.046	1.069	1.099	1.151	1.129	1.147	1.167	1.184	1.119	4.30
3)	s	Phenol-d6		1.514	1.290	1.276	1.298	1.365	1.337	1.363	1.390	1.399	1.359	5.36
4)	T	Bis(2-chloroethyl)ether			0.964	1.011	1.037	1.052	1.061	1.038	1.029	1.008	1.025	2.99
5)	T	n-nitrosodi-n-propylamine			0.625	0.654	0.666	0.701	0.706	0.734	0.752	0.773	0.701	7.25
6)	t	Hexachloroethane			0.543	0.531	0.525	0.521	0.514	0.511	0.508	0.514	0.521	2.27
7)	s	Nitrobenzene-d5		1.043	0.951	1.011	1.016	1.062	1.095	1.108	1.123	1.129	1.060	5.67
8)	i	Naphthalene-d8	----------ISTD----------											
9)	t	Naphthalene	1.131	1.110	1.021	1.002	1.057	1.045	0.998	0.995	0.995	0.974	1.033	5.09
10)	t	Hexachlorobutadiene			0.221	0.207	0.219	0.218	0.207	0.202	0.199	0.193	0.208	4.91
11)	t	2-Methylnaphthalene	0.675	0.675	0.653	0.662	0.694	0.699	0.683	0.695	0.692	0.678	0.681	2.24
12)	t	1-Methylnaphthalene	0.638	0.666	0.646	0.630	0.652	0.661	0.648	0.644	0.637	0.616	0.644	2.27
13)	s	2-Fluorobiphenyl	0.839	0.905	0.842	0.826	0.890	0.896	0.864	0.836	0.816	0.786	0.850	4.49
14)	t	2-Chloronaphthalene	0.730	0.710	0.678	0.699	0.733	0.743	0.714	0.700	0.688	0.675	0.707	3.30
15)	t	Acenaphthylene	1.076	1.092	1.024	1.041	1.100	1.123	1.110	1.122	1.119	1.091	1.090	3.10
16)	i	Acenaphthene-d10	----------ISTD----------											
17)	t	Acenaphthene	1.402	1.465	1.380	1.362	1.415	1.402	1.338	1.341	1.325	1.291	1.372	3.72
18)	t	Fluorene	1.502	1.566	1.428	1.478	1.543	1.543	1.507	1.529	1.528	1.499	1.512	2.60
19)	s	2,4,6-Tribromophenol				0.245	0.259	0.261	0.264	0.274	0.277	0.281	0.266	4.70
20)	i	Phenanthrene-d10	----------ISTD----------											
21)	T	4,6-Dinitro-o-cresol						0.084	0.095	0.108	0.134	0.143	0.146 *L	0.99
82)														
22)	t	Hexachlorobenzene	0.382	0.303	0.287	0.280	0.291	0.290	0.278	0.271	0.270	0.264	0.291	11.60
23)	t	Pentachlorophenol			0.117	0.129	0.140	0.143	0.147	0.159	0.170	0.177	0.148	13.57
24)	t	Phenanthrene	1.305	1.274	1.233	1.207	1.213	1.220	1.152	1.157	1.156	1.125	1.204	4.77
25)	t	Anthracene	1.209	1.234	1.103	1.093	1.150	1.144	1.137	1.170	1.171	1.129	1.154	3.81
26)	t	Fluoranthene	1.496	1.513	1.370	1.375	1.402	1.434	1.386	1.416	1.427	1.369	1.419	3.58
27)	t	Pyrene	1.591	1.561	1.432	1.460	1.457	1.493	1.457	1.464	1.458	1.378	1.475	4.15
28)	s	4-Terphenyl-d14	0.923	0.908	0.793	0.812	0.804	0.850	0.828	0.817	0.805	0.763	0.830	6.06
29)	i	Chrysene-d12	----------ISTD----------											
30)	t	Benzo[a]anthracene		2.661	1.890	1.581	1.482	1.433	1.392	1.461	1.511	1.539	*L	0.99
94)														
31)	t	Chrysene	1.712	1.727	1.572	1.509	1.536	1.543	1.462	1.448	1.437	1.419	1.536	7.07
32)	T	Bis(2-ethylhexyl)phtha...						0.641	0.669	0.722	0.855	0.912	0.950	0.791	16.56
33)	i	Perylene-d12	----------ISTD----------											
34)	t	Benzo[b]fluoranthene	1.246	1.230	1.175	1.205	1.252	1.257	1.276	1.316	1.304	1.279	1.254	3.43

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L1928159**
Project Name	**: PISTOIA TIRE CO. INC**	**Project Number**	**: 0064-3**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL15868**
Calibration dates	**: 06/13/19 00:04 06/13/19 02:30**		

Calibration Files
L1 =IL1.d L2 =IL2.d L3 =IL3.d L4 =IL4.d L5 =IL5.d L6 =IL6.d L7 =IL7.d L8 =IL8a.d
L9 =IL9a.d L10 =IL10a.d

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	
35) t	Benzo[k]fluoranthene	1.329	1.372	1.288	1.257	1.318	1.298	1.292	1.291	1.259	1.204	1.291	3.51
36) t	Benzo[a]pyrene	1.177	1.166	1.102	1.115	1.153	1.184	1.212	1.288	1.309	1.307	1.201	6.36
37) t	Indeno[1,2,3-cd]pyrene	0.927	0.967	1.004	0.946	1.008	1.036	1.093	1.221	1.288	1.308	1.080	13.16
38) t	Dibenzo[a,h]anthracene	0.955	0.945	0.933	1.008	1.000	1.067	1.166	1.216	1.228	1.189	1.071	11.04
39) t	Benzo[g,h,i]perylene	1.204	1.194	1.152	1.128	1.233	1.202	1.210	1.263	1.306	1.286	1.218	4.59

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159		
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3		
Instrument ID	: SV124	**Calibration Date**	: 06/28/19 08:59		
Lab File ID	: CCV0628	**Init. Calib. Date(s)**	: 06/13/19	06/13/19	
Sample No	: WG1254392-3	**Init. Calib. Times**	: 00:04	02:30	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	102	0
2-Fluorophenol	1.119	1.185	.05	-5.9	20	107	0
Phenol-d6	1.359	1.408	.05	-3.6	20	108	0
Bis(2-chloroethyl)ether	1.025	1.211	.05	-18.1	20	117	0
n-nitrosodi-n-propylamine	0.701	0.838	.05	-19.5	20	121	0
Hexachloroethane	0.521	0.594	.05	-14	20	118	0
Nitrobenzene-d5	1.06	1.214	.05	-14.5	20	113	0
Naphthalene-d8	1	1	.05	0	20	102	0
Naphthalene	1.033	1.088	.05	-5.3	20	111	0
Hexachlorobutadiene	0.208	0.233	.05	-12	20	114	0
2-Methylnaphthalene	0.681	0.775	.05	-13.8	20	116	0
1-Methylnaphthalene	0.644	0.734	.05	-14	20	115	0
2-Fluorobiphenyl	0.85	0.925	.05	-8.8	20	109	0
2-Chloronaphthalene	0.707	0.82	.05	-16	20	117	0
Acenaphthylene	1.09	1.262	.05	-15.8	20	116	0
Acenaphthene-d10	1	1	.05	0	20	109	0
Acenaphthene	1.372	1.378	.05	-0.4	20	112	0
Fluorene	1.512	1.596	.05	-5.6	20	115	0
2,4,6-Tribromophenol	0.266	0.24	.05	9.8	20	99	0
Phenanthrene-d10	1	1	.05	0	20	103	0
4,6-Dinitro-o-cresol	1000	923.339	.05	7.7	20	117	0
Hexachlorobenzene	0.281	0.277	.05	1.4	20	103	0
Pentachlorophenol	0.148	0.161	.05	-8.8	20	113	0
Phenanthrene	1.204	1.272	.05	-5.6	20	114	0
Anthracene	1.154	1.252	.05	-8.5	20	114	0
Fluoranthene	1.419	1.455	.05	-2.5	20	109	0
Pyrene	1.475	1.498	.05	-1.6	20	106	0
4-Terphenyl-d14	0.83	0.949	.05	-14.3	20	119	0
Chrysene-d12	1	1	.05	0	20	100	0
Benzo[a]anthracene	1000	961.15	.05	3.9	20	105	0
Chrysene	1.536	1.507	.05	1.9	20	103	0
Bis(2-ethylhexyl)phthalate	0.791	0.975	.05	-23.3*	20	135	0
Perylene-d12	1	1	.05	0	20	100	0
Benzo[b]fluoranthene	1.254	1.277	.05	-1.8	20	100	0
Benzo[k]fluoranthene	1.291	1.31	.05	-1.5	20	101	0
Benzo[a]pyrene	1.201	1.208	.05	-0.6	20	100	0
Indeno[1,2,3-cd]pyrene	1.08	1.202	.05	-11.3	20	110	0
Dibenzo[a,h]anthracene	1.071	1.255	.05	-17.2	20	108	0
Benzo[g,h,i]perylene	1.218	1.275	.05	-4.7	20	105	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159		
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3		
Instrument ID	: SV124	**Calibration Date**	: 06/30/19 10:10		
Lab File ID	: CCV0630	**Init. Calib. Date(s)**	: 06/13/19	06/13/19	
Sample No	: WG1254979-3	**Init. Calib. Times**	: 00:04	02:30	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	82	0
2-Fluorophenol	1.119	1.214	.05	-8.5	20	89	.02
Phenol-d6	1.359	1.456	.05	-7.1	20	90	.02
Bis(2-chloroethyl)ether	1.025	1.199	.05	-17	20	93	0
n-nitrosodi-n-propylamine	0.701	0.891	.05	-27.1*	20	104	0
Hexachloroethane	0.521	0.604	.05	-15.9	20	97	0
Nitrobenzene-d5	1.06	1.287	.05	-21.4*	20	97	0
Naphthalene-d8	1	1	.05	0	20	82	0
Naphthalene	1.033	1.088	.05	-5.3	20	90	0
Hexachlorobutadiene	0.208	0.235	.05	-13	20	94	0
2-Methylnaphthalene	0.681	0.787	.05	-15.6	20	95	0
1-Methylnaphthalene	0.644	0.749	.05	-16.3	20	95	0
2-Fluorobiphenyl	0.85	0.938	.05	-10.4	20	89	0
2-Chloronaphthalene	0.707	0.833	.05	-17.8	20	96	0
Acenaphthylene	1.09	1.319	.05	-21*	20	98	0
Acenaphthene-d10	1	1	.05	0	20	91	0
Acenaphthene	1.372	1.382	.05	-0.7	20	94	0
Fluorene	1.512	1.607	.05	-6.3	20	97	0
2,4,6-Tribromophenol	0.266	0.25	.05	6	20	86	0
Phenanthrene-d10	1	1	.05	0	20	87	0
4,6-Dinitro-o-cresol	1000	977.14	.05	2.3	20	104	0
Hexachlorobenzene	0.281	0.278	.05	1.1	20	87	0
Pentachlorophenol	0.148	0.153	.05	-3.4	20	90	0
Phenanthrene	1.204	1.268	.05	-5.3	20	96	0
Anthracene	1.154	1.273	.05	-10.3	20	97	0
Fluoranthene	1.419	1.472	.05	-3.7	20	92	0
Pyrene	1.475	1.516	.05	-2.8	20	90	0
4-Terphenyl-d14	0.83	0.95	.05	-14.5	20	100	-.01
Chrysene-d12	1	1	.05	0	20	85	0
Benzo[a]anthracene	1000	987.401	.05	1.3	20	92	0
Chrysene	1.536	1.487	.05	3.2	20	87	0
Bis(2-ethylhexyl)phthalate	0.791	1.142	.05	-44.4*	20	135	-.01
Perylene-d12	1	1	.05	0	20	87	0
Benzo[b]fluoranthene	1.254	1.28	.05	-2.1	20	87	0
Benzo[k]fluoranthene	1.291	1.311	.05	-1.5	20	88	0
Benzo[a]pyrene	1.201	1.265	.05	-5.3	20	91	-.01
Indeno[1,2,3-cd]pyrene	1.08	1.274	.05	-18	20	101	-.01
Dibenzo[a,h]anthracene	1.071	1.281	.05	-19.6	20	96	0
Benzo[g,h,i]perylene	1.218	1.303	.05	-7	20	94	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Lisko Environmental, LLC
Project Name: PISTOIA TIRE CO. INC

Lab Number: L1928159
Project Number: 0064-3
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (NBZ)	S2 (FBP)	S3 (TPH)	S4 ()	S5 ()	S6 ()	TOT OUT
MW-1 (L1928159-01)	67	68	69	--	--	--	0
MW-2 (L1928159-02)	63	65	70	--	--	--	0
MW-3 (L1928159-03)	63	62	68	--	--	--	0
MW-4 (L1928159-04)	77	78	83	--	--	--	0
WG1254186-1BLANK	66	67	94	--	--	--	0
WG1254186-2LCS	83	80	92	--	--	--	0
WG1254186-3LCSD	89	82	88	--	--	--	0

QC LIMITS

(30-130) NBZ = NITROBENZENE-D5
(30-130) FBP = 2-FLUOROBIPHENYL
(30-130) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NJ-BNEXT-SIM-LVI

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Matrix	: WATER		
LCS Sample ID	: WG1254186-2	**Analysis Date** : 06/28/19 12:47	**File ID** : 254186-2
LCSD Sample ID	: WG1254186-3	**Analysis Date** : 06/28/19 13:03	**File ID** : 254186-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	3.6	3.3	91	3.6	3.2	89	2	70-130	20
Benzo(a)pyrene	3.6	3.4	93	3.6	3.3	92	1	70-130	20
Benzo(b)fluoranthene	3.6	3.4	93	3.6	3.4	93	0	70-130	20
Benzo(k)fluoranthene	3.6	3.3	92	3.6	3.2	90	2	70-130	20
Dibenzo(a,h)anthracene	3.6	3.7	102	3.6	3.5	96	6	70-130	20
Indeno(1,2,3-cd)pyrene	3.6	3.7	101	3.6	3.4	95	6	70-130	20
Hexachlorobenzene	3.6	3.0	82	3.6	3.0	83	1	70-130	20
Hexachlorobutadiene	3.6	2.6	71	3.6	2.8	77	8	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV124	**Analysis Date**	: 06/28/19 08:59
Sample No	: WG1254392-3	**Lab File ID**	: CCV0628

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1254392-3	12280	2.05	48131	2.72	28451	3.70
Upper Limit	24560	2.55	96262	3.22	56902	4.20
Lower Limit	6140	1.55	24066	2.22	14226	3.20
Sample ID						
WG1254186-1 BLANK	9107	2.06	34707	2.72	20474	3.70
WG1254186-2 LCS	9355	2.06	35591	2.72	20637	3.70
WG1254186-3 LCSD	9609	2.06	36572	2.72	21012	3.70

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV124	**Analysis Date**	: 06/28/19 08:59
Sample No	: WG1254392-3	**Lab File ID**	: CCV0628

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1254392-3	58735	4.56	56631	6.35	64791	7.47
Upper Limit	117470	5.06	113262	6.85	129582	7.97
Lower Limit	29368	4.06	28316	5.85	32396	6.97
Sample ID						
WG1254186-1 BLANK	42699	4.54	41385	6.21	47861	7.29
WG1254186-2 LCS	42081	4.54	40004	6.22	46287	7.30
WG1254186-3 LCSD	43160	4.54	40507	6.21	45461	7.30

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV124	**Analysis Date**	: 06/30/19 10:10
Sample No	: WG1254979-3	**Lab File ID**	: CCV0630

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1254979-3	9881	2.05	38921	2.72	23808	3.70
Upper Limit	19762	2.55	77842	3.22	47616	4.20
Lower Limit	4941	1.55	19461	2.22	11904	3.20
Sample ID						
MW-1	9064	2.05	34328	2.72	19808	3.70
MW-2	9037	2.06	33530	2.72	19357	3.70
MW-3	8712	2.06	32991	2.72	19181	3.70
MW-4	8465	2.06	32007	2.73	18587	3.70

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L1928159
Project Name	: PISTOIA TIRE CO. INC	**Project Number**	: 0064-3
Instrument ID	: SV124	**Analysis Date**	: 06/30/19 10:10
Sample No	: WG1254979-3	**Lab File ID**	: CCV0630

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1254979-3	49312	4.56	48407	6.34	56344	7.46
Upper Limit	98624	5.06	96814	6.84	112688	7.96
Lower Limit	24656	4.06	24204	5.84	28172	6.96
Sample ID						
MW-1	40157	4.56	37526	6.38	42843	7.50
MW-2	39441	4.54	37921	6.24	43845	7.33
MW-3	38889	4.54	35814	6.22	40917	7.31
MW-4	38219	4.54	36910	6.21	42705	7.30

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190630LVI\
Data File : 28159-01.d
Acq On : 30 Jun 2019 10:35 am
Operator : SV124:cb
Sample : 11928159-01,32,,bnext,jjw
Misc : wg1254979,wg1254186,ical15868
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 01 10:46:10 2019
Quant Method : I:\8270SIM\SV124\190630LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 28 09:13:41 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV124\190630LVI\ccv0630.d
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.047	152	9064	4000.000	ng/ml	0.00
Standard Area 1 = 9881			Recovery = 91.73%			
8) Naphthalene-d8	2.716	136	34328	4000.000	ng/ml	0.00
Standard Area 1 = 38921			Recovery = 88.20%			
16) Acenaphthene-d10	3.697	164	19808	4000.000	ng/ml	0.00
Standard Area 1 = 23808			Recovery = 83.20%			
20) Phenanthrene-d10	4.564	188	40157	4000.000	ng/ml	0.00
Standard Area 1 = 49312			Recovery = 81.43%			
29) Chrysene-d12	6.376	240	37526	4000.000	ng/ml	0.02
Standard Area 1 = 48407			Recovery = 77.52%			
33) Perylene-d12	7.504	264	42843	4000.000	ng/ml	0.03
Standard Area 1 = 56344			Recovery = 76.04%			
System Monitoring Compounds						
2) 2-Fluorophenol	1.469	112	6887	2716.988	ng/ml	0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 5433.98%#			
3) Phenol-d6	1.901	99	6735M6	2186.835	ng/ml	0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 4373.67%#			
7) Nitrobenzene-d5	2.335	82	4037	1681.123	ng/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 6724.49%#			
13) 2-Fluorobiphenyl	3.321	172	12341	1691.799	ng/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 6767.20%#			
19) 2,4,6-Tribromophenol	4.157	330	4297	3263.765	ng/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 6527.53%#			
28) 4-Terphenyl-d14	5.618	244	14457	1734.641	ng/ml	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 6938.56%#			
Target Compounds						Qvalue
10) Hexachlorobutadiene	0.000		0	N.D.		
22) Hexachlorobenzene	0.000		0	N.D. d		
30) Benzo[a]anthracene	6.376	228	133	4.392	ng/ml#	42
34) Benzo[b]fluoranthene	0.000		0	N.D.		
35) Benzo[k]fluoranthene	0.000		0	N.D.		
36) Benzo[a]pyrene	0.000		0	N.D. d		
37) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		
38) Dibenzo[a,h]anthracene	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190630LVI\
Data File : 28159-01.d
Acq On : 30 Jun 2019 10:35 am
Operator : SV124:cb
Sample : l1928159-01,32,,bnext,jjw
Misc : wg1254979,wg1254186,ical15868
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 01 10:46:10 2019
Quant Method : I:\8270SIM\SV124\190630LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 28 09:13:41 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV124\190630LVI\ccv0630.d
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

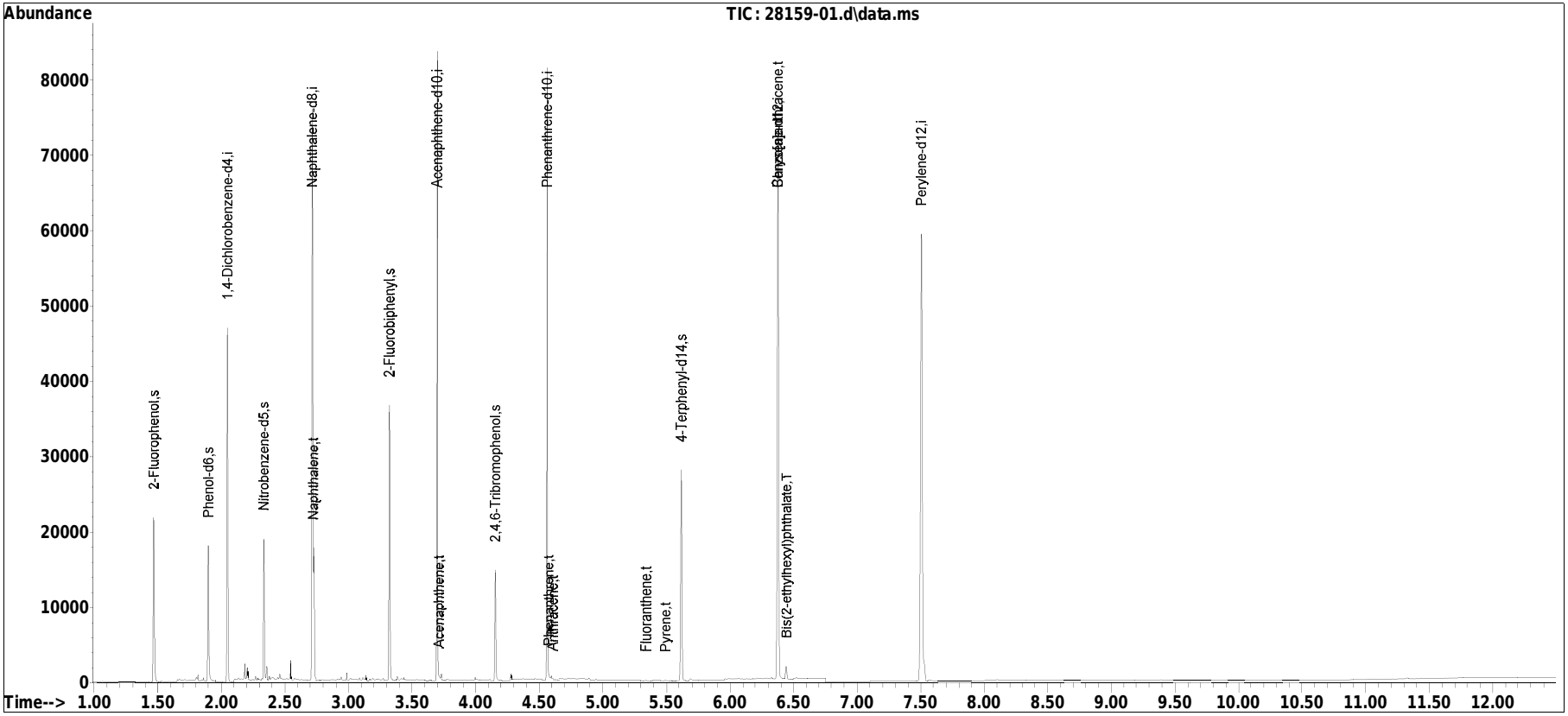
(#) = qualifier out of range (m) = manual integration (+) = signals summed

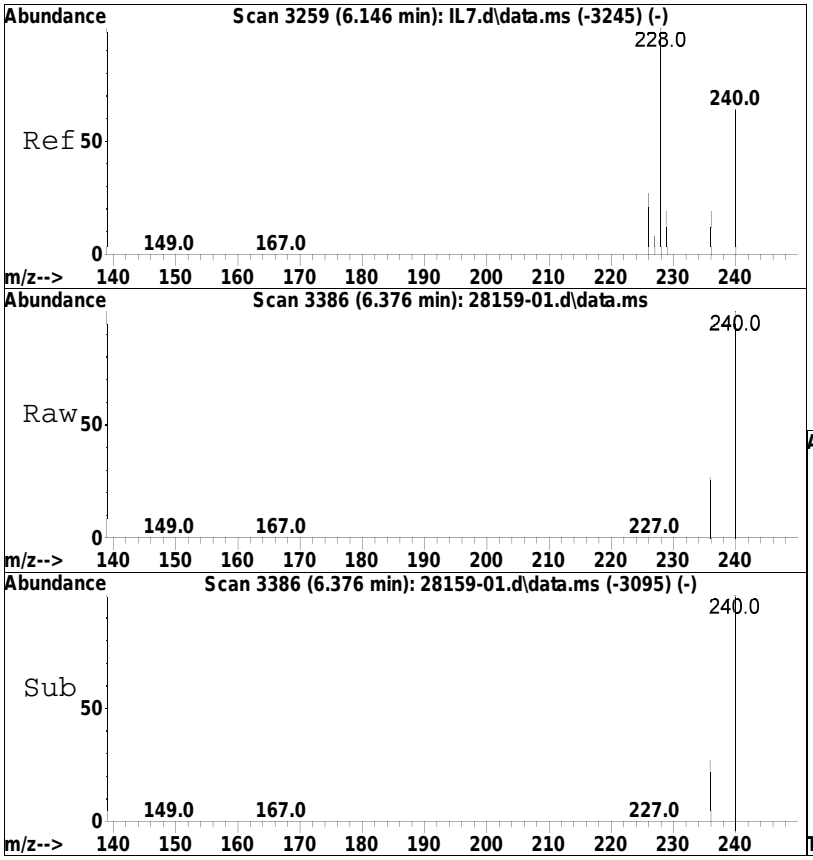
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190630LVI\
Data File : 28159-01.d
Acq On : 30 Jun 2019 10:35 am
Operator : SV124:cb
Sample : l1928159-01,32,,bnext,jjw
Misc : wg1254979,wg1254186,ical15868
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 01 10:46:10 2019
Quant Method : I:\8270SIM\SV124\190630LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 28 09:13:41 2019
Response via : Initial Calibration

Sub List : Default - All compounds listed\ccv0630.d•

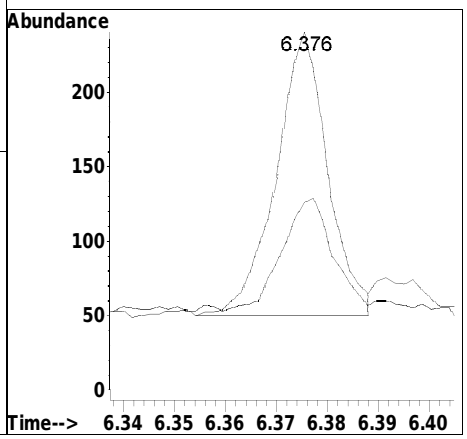




#30
Benzo[a]anthracene
Concen: 4.39 ng/ml
RT: 6.376 min Scan# 3386
Delta R.T. 0.032 min
Lab File: 28159-01.d
Acq: 30 Jun 2019 10:35 am

Tgt Ion:228 Resp: 133

Ion	Ratio	Lower	Upper
228	100		
229	45.9	15.5	23.3#



Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190630LVI\
Data File : 28159-02.d
Acq On : 30 Jun 2019 10:51 am
Operator : SV124:cb
Sample : 11928159-02,32,,bnext,jjw
Misc : wg1254979,wg1254186,ical15868
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 01 10:47:04 2019
Quant Method : I:\8270SIM\SV124\190630LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 28 09:13:41 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV124\190630LVI\ccv0630.d
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.057	152	9037	4000.000	ng/ml	0.00
Standard Area 1 = 9881			Recovery = 91.46%			
8) Naphthalene-d8	2.724	136	33530	4000.000	ng/ml	0.00
Standard Area 1 = 38921			Recovery = 86.15%			
16) Acenaphthene-d10	3.699	164	19357	4000.000	ng/ml	0.00
Standard Area 1 = 23808			Recovery = 81.30%			
20) Phenanthrene-d10	4.541	188	39441	4000.000	ng/ml	-0.02
Standard Area 1 = 49312			Recovery = 79.98%			
29) Chrysene-d12	6.235	240	37921	4000.000	ng/ml	-0.12
Standard Area 1 = 48407			Recovery = 78.34%			
33) Perylene-d12	7.330	264	43845	4000.000	ng/ml	-0.14
Standard Area 1 = 56344			Recovery = 77.82%			
System Monitoring Compounds						
2) 2-Fluorophenol	1.482	112	6700	2651.112	ng/ml	0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 5302.22%#			
3) Phenol-d6	1.912	99	6819M2	2220.725	ng/ml	0.03
Spiked Amount 50.000	Range 15 - 110		Recovery = 4441.45%#			
7) Nitrobenzene-d5	2.344	82	3794	1584.651	ng/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 6338.60%#			
13) 2-Fluorobiphenyl	3.326	172	11513	1615.853	ng/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 6463.41%#			
19) 2,4,6-Tribromophenol	4.153	330	4115	3198.349	ng/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 6396.70%#			
28) 4-Terphenyl-d14	5.529	244	14244	1740.110	ng/ml	-0.08
Spiked Amount 25.000	Range 30 - 130		Recovery = 6960.44%#			
Target Compounds						Qvalue
10) Hexachlorobutadiene	0.000		0	N.D.		
22) Hexachlorobenzene	0.000		0	N.D.		
30) Benzo[a]anthracene	6.235	228	129	4.016	ng/ml#	49
34) Benzo[b]fluoranthene	0.000		0	N.D.		
35) Benzo[k]fluoranthene	0.000		0	N.D.		
36) Benzo[a]pyrene	0.000		0	N.D. d		
37) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		
38) Dibenzo[a,h]anthracene	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190630LVI\
Data File : 28159-02.d
Acq On : 30 Jun 2019 10:51 am
Operator : SV124:cb
Sample : l1928159-02,32,,bnext,jjw
Misc : wg1254979,wg1254186,ical15868
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 01 10:47:04 2019
Quant Method : I:\8270SIM\SV124\190630LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 28 09:13:41 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV124\190630LVI\ccv0630.d
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

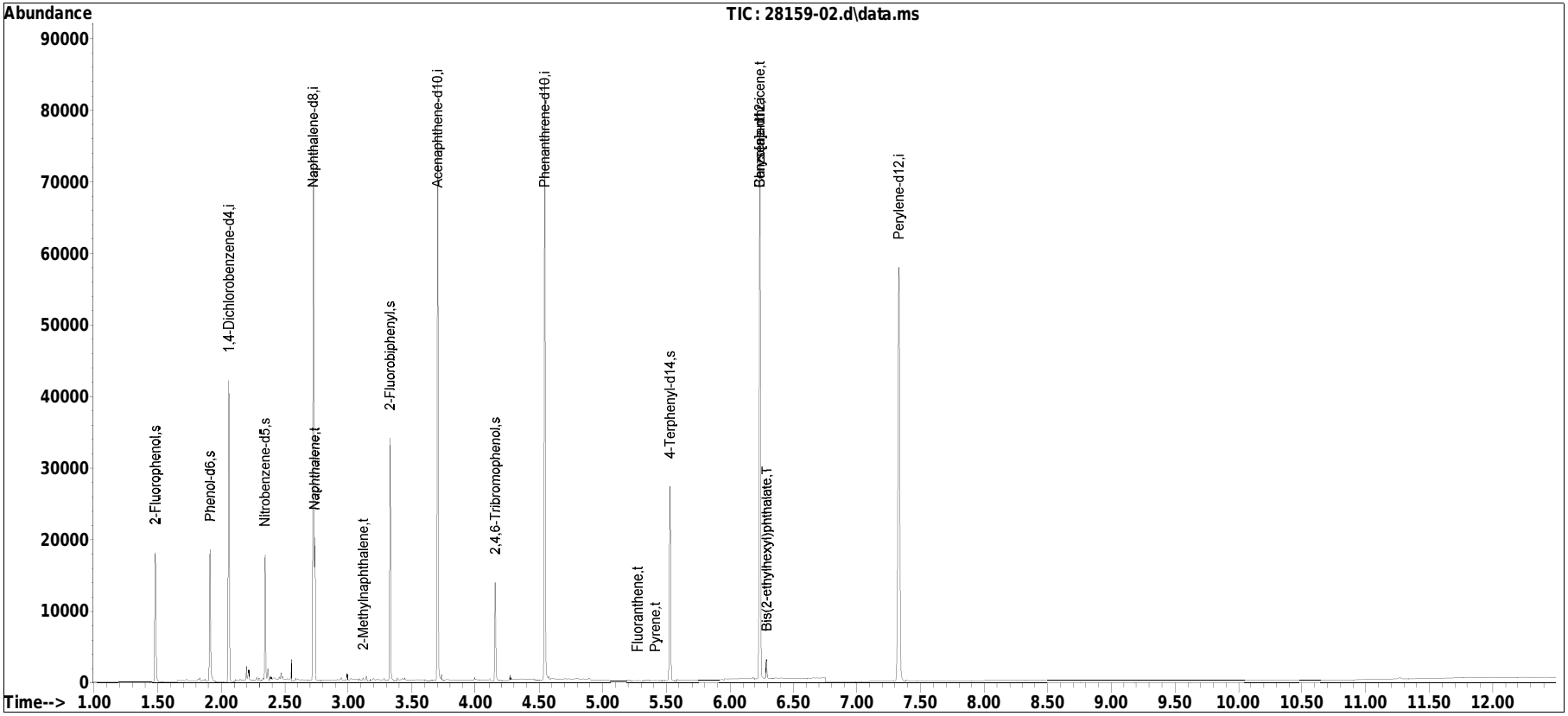
(#) = qualifier out of range (m) = manual integration (+) = signals summed

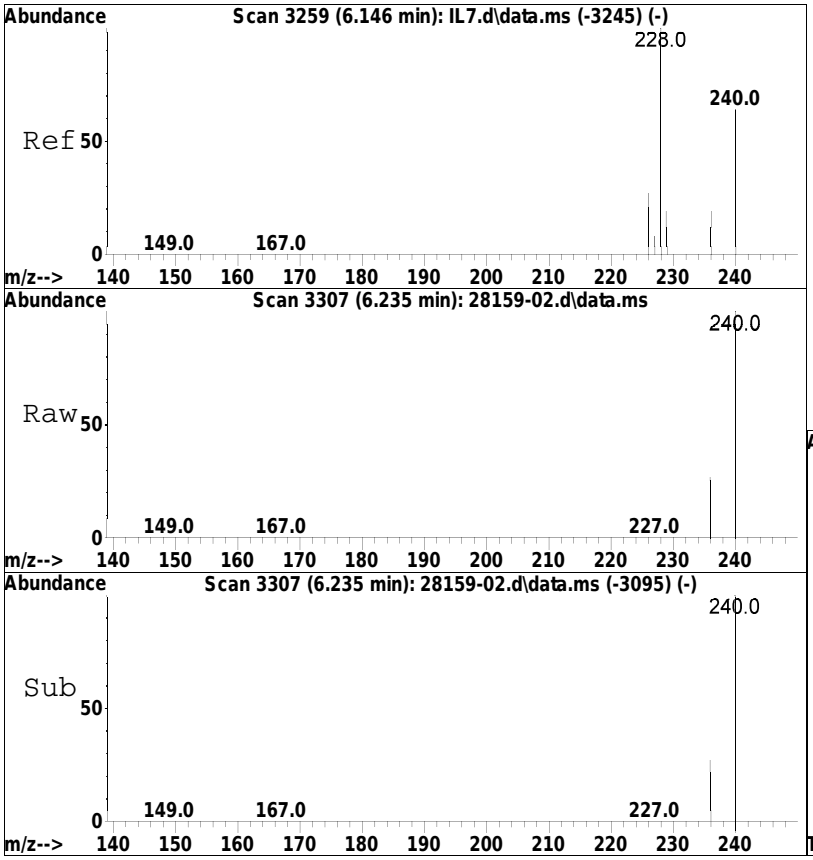
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190630LVI\
Data File : 28159-02.d
Acq On : 30 Jun 2019 10:51 am
Operator : SV124:cb
Sample : l1928159-02,32,,bnext,jjw
Misc : wg1254979,wg1254186,ical15868
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 01 10:47:04 2019
Quant Method : I:\8270SIM\SV124\190630LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 28 09:13:41 2019
Response via : Initial Calibration

Sub List : Default - All compounds listed\ccv0630.d•

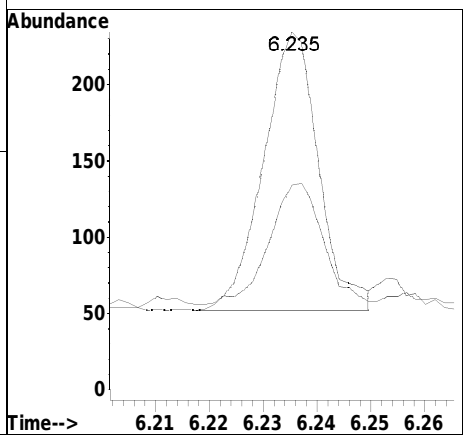




#30
Benzo[a]anthracene
Concen: 4.02 ng/ml
RT: 6.235 min Scan# 3307
Delta R.T. -0.108 min
Lab File: 28159-02.d
Acq: 30 Jun 2019 10:51 am

Tgt Ion:228 Resp: 129

Ion	Ratio	Lower	Upper
228	100		
229	42.6	15.5	23.3#



Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190630LVI\
Data File : 28159-03.d
Acq On : 30 Jun 2019 11:07 am
Operator : SV124:cb
Sample : 11928159-03,32,,bnext,jjw
Misc : wg1254979,wg1254186,ical15868
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 01 10:47:51 2019
Quant Method : I:\8270SIM\SV124\190630LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 28 09:13:41 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV124\190630LVI\ccv0630.d
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.059	152	8712	4000.000	ng/ml	0.00
Standard Area 1 = 9881			Recovery = 88.17%			
8) Naphthalene-d8	2.724	136	32991	4000.000	ng/ml	0.00
Standard Area 1 = 38921			Recovery = 84.76%			
16) Acenaphthene-d10	3.702	164	19181	4000.000	ng/ml	0.00
Standard Area 1 = 23808			Recovery = 80.57%			
20) Phenanthrene-d10	4.541	188	38889	4000.000	ng/ml	-0.02
Standard Area 1 = 49312			Recovery = 78.86%			
29) Chrysene-d12	6.223	240	35814	4000.000	ng/ml	-0.13
Standard Area 1 = 48407			Recovery = 73.99%			
33) Perylene-d12	7.314	264	40917	4000.000	ng/ml	-0.16
Standard Area 1 = 56344			Recovery = 72.62%			
System Monitoring Compounds						
2) 2-Fluorophenol	1.482	112	6496	2666.279	ng/ml	0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 5332.56%#			
3) Phenol-d6	1.914	99	6618M3	2235.668	ng/ml	0.03
Spiked Amount 50.000	Range 15 - 110		Recovery = 4471.34%#			
7) Nitrobenzene-d5	2.345	82	3628	1571.846	ng/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 6287.38%#			
13) 2-Fluorobiphenyl	3.327	172	10800	1540.548	ng/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 6162.19%#			
19) 2,4,6-Tribromophenol	4.153	330	4133	3241.815	ng/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 6483.63%#			
28) 4-Terphenyl-d14	5.521	244	13727	1700.754	ng/ml	-0.08
Spiked Amount 25.000	Range 30 - 130		Recovery = 6803.02%#			
Target Compounds						Qvalue
10) Hexachlorobutadiene	0.000		0	N.D.		
22) Hexachlorobenzene	0.000		0	N.D.		
30) Benzo[a]anthracene	0.000		0	N.D.	d	
34) Benzo[b]fluoranthene	0.000		0	N.D.		
35) Benzo[k]fluoranthene	0.000		0	N.D.		
36) Benzo[a]pyrene	0.000		0	N.D.	d	
37) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		
38) Dibenzo[a,h]anthracene	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190630LVI\
Data File : 28159-03.d
Acq On : 30 Jun 2019 11:07 am
Operator : SV124:cb
Sample : l1928159-03,32,,bnext,jjw
Misc : wg1254979,wg1254186,ical15868
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 01 10:47:51 2019
Quant Method : I:\8270SIM\SV124\190630LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 28 09:13:41 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV124\190630LVI\ccv0630.d
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

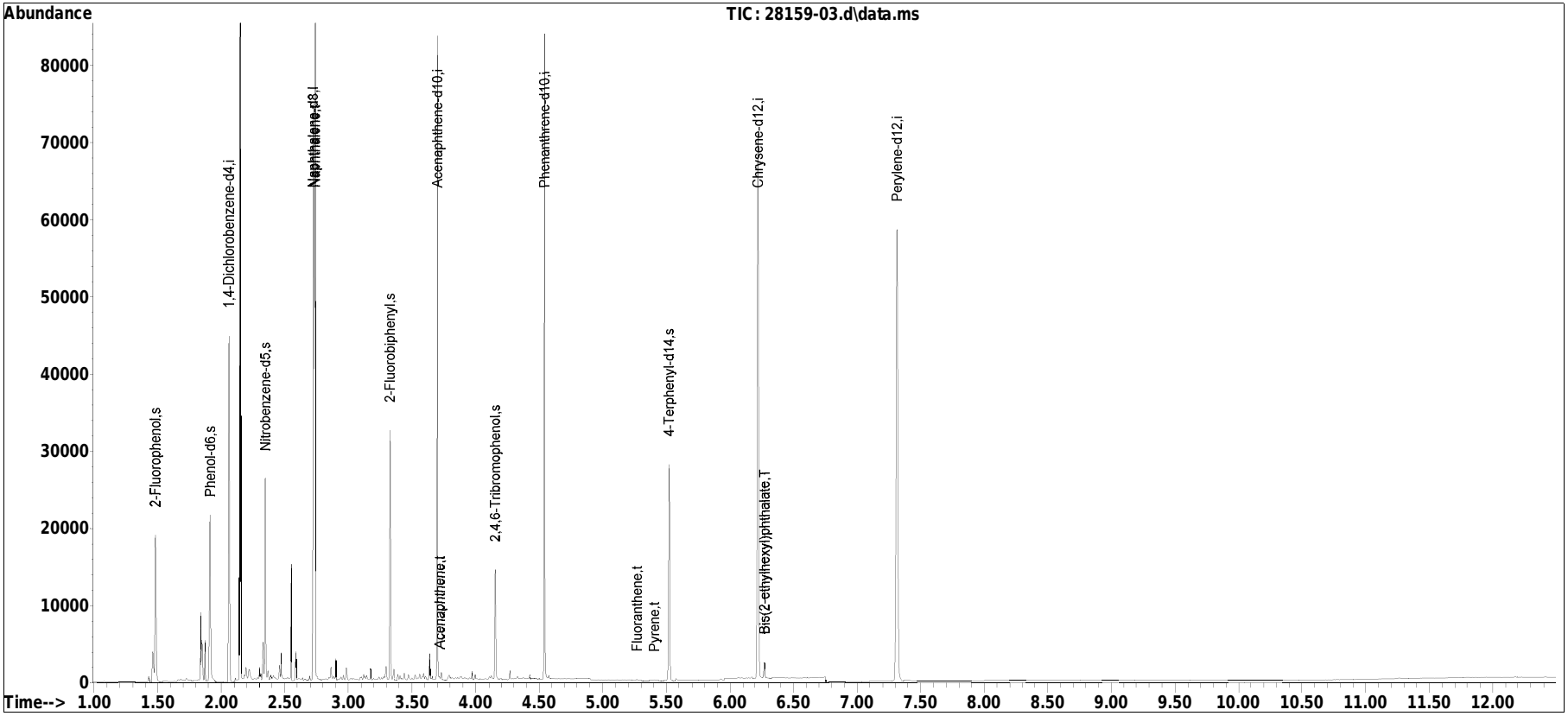
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190630LVI\
Data File : 28159-03.d
Acq On : 30 Jun 2019 11:07 am
Operator : SV124:cb
Sample : l1928159-03,32,,bnext,jjw
Misc : wg1254979,wg1254186,ical15868
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 01 10:47:51 2019
Quant Method : I:\8270SIM\SV124\190630LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 28 09:13:41 2019
Response via : Initial Calibration

Sub List : Default - All compounds listed\ccv0630.d•



Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190630LVI\
Data File : 28159-04.d
Acq On : 30 Jun 2019 11:23 am
Operator : SV124:cb
Sample : 11928159-04,32,,bnext,jjw
Misc : wg1254979,wg1254186,ical15868
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 01 10:48:39 2019
Quant Method : I:\8270SIM\SV124\190630LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 28 09:13:41 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV124\190630LVI\ccv0630.d
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.061	152	8465	4000.000	ng/ml	0.00
Standard Area 1 = 9881			Recovery = 85.67%			
8) Naphthalene-d8	2.726	136	32007	4000.000	ng/ml	0.00
Standard Area 1 = 38921			Recovery = 82.24%			
16) Acenaphthene-d10	3.702	164	18587	4000.000	ng/ml	0.00
Standard Area 1 = 23808			Recovery = 78.07%			
20) Phenanthrene-d10	4.541	188	38219	4000.000	ng/ml	-0.02
Standard Area 1 = 49312			Recovery = 77.50%			
29) Chrysene-d12	6.210	240	36910	4000.000	ng/ml	-0.14
Standard Area 1 = 48407			Recovery = 76.25%			
33) Perylene-d12	7.295	264	42705	4000.000	ng/ml	-0.18
Standard Area 1 = 56344			Recovery = 75.79%			
System Monitoring Compounds						
2) 2-Fluorophenol	1.486	112	7351	3105.253	ng/ml	0.03
Spiked Amount 50.000	Range 15 - 110		Recovery = 6210.51%#			
3) Phenol-d6	1.914	99	7420M3	2579.736	ng/ml	0.03
Spiked Amount 50.000	Range 15 - 110		Recovery = 5159.47%#			
7) Nitrobenzene-d5	2.347	82	4320	1926.271	ng/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 7705.08%#			
13) 2-Fluorobiphenyl	3.328	172	13189	1939.161	ng/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 7756.64%#			
19) 2,4,6-Tribromophenol	4.153	330	4660	3771.992	ng/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 7543.98%#			
28) 4-Terphenyl-d14	5.514	244	16555	2087.097	ng/ml	-0.09
Spiked Amount 25.000	Range 30 - 130		Recovery = 8348.39%#			
Target Compounds						Qvalue
10) Hexachlorobutadiene	0.000		0	N.D.		
22) Hexachlorobenzene	0.000		0	N.D. d		
30) Benzo[a]anthracene	6.210	228	127	4.119	ng/ml#	53
34) Benzo[b]fluoranthene	0.000		0	N.D.		
35) Benzo[k]fluoranthene	0.000		0	N.D.		
36) Benzo[a]pyrene	0.000		0	N.D. d		
37) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		
38) Dibenzo[a,h]anthracene	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190630LVI\
Data File : 28159-04.d
Acq On : 30 Jun 2019 11:23 am
Operator : SV124:cb
Sample : l1928159-04,32,,bnext,jjw
Misc : wg1254979,wg1254186,ical15868
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 01 10:48:39 2019
Quant Method : I:\8270SIM\SV124\190630LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 28 09:13:41 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV124\190630LVI\ccv0630.d
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

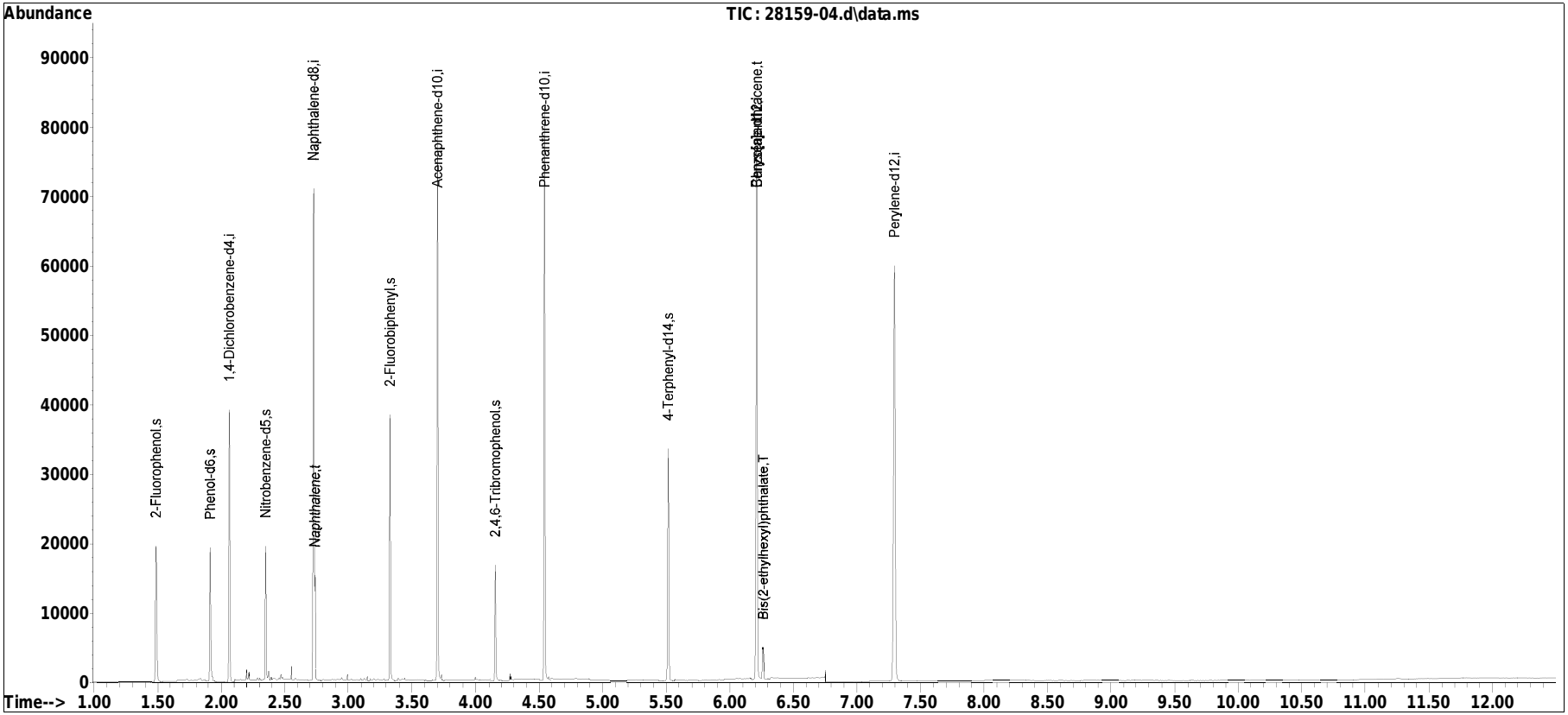
(#) = qualifier out of range (m) = manual integration (+) = signals summed

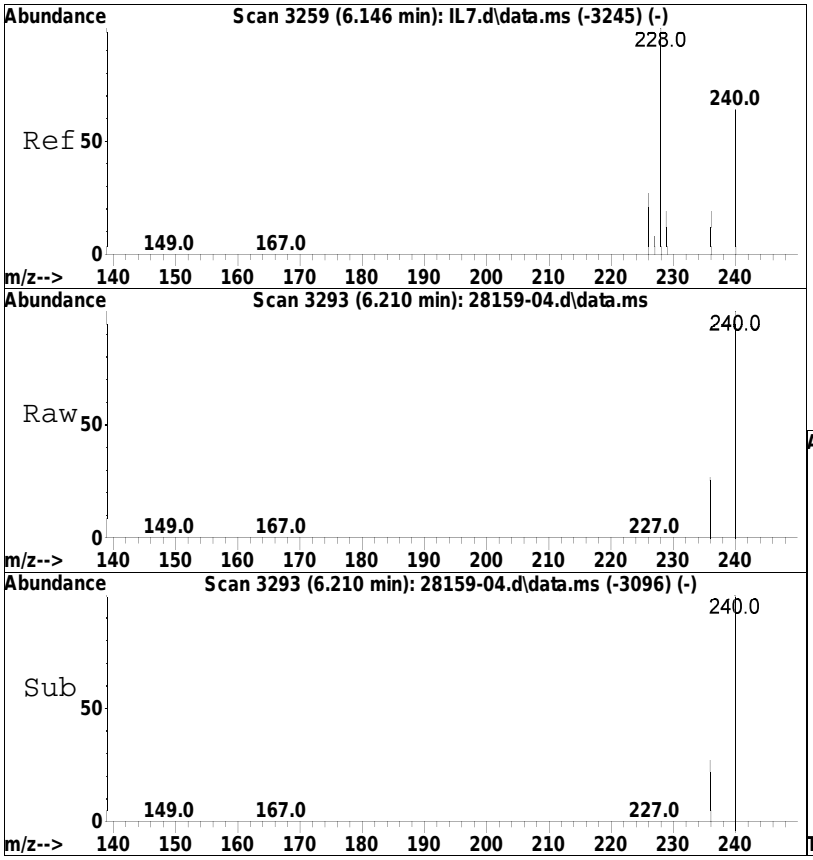
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190630LVI\
Data File : 28159-04.d
Acq On : 30 Jun 2019 11:23 am
Operator : SV124:cb
Sample : l1928159-04,32,,bnext,jjw
Misc : wg1254979,wg1254186,ical15868
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 01 10:48:39 2019
Quant Method : I:\8270SIM\SV124\190630LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 28 09:13:41 2019
Response via : Initial Calibration

Sub List : Default - All compounds listed\ccv0630.d•

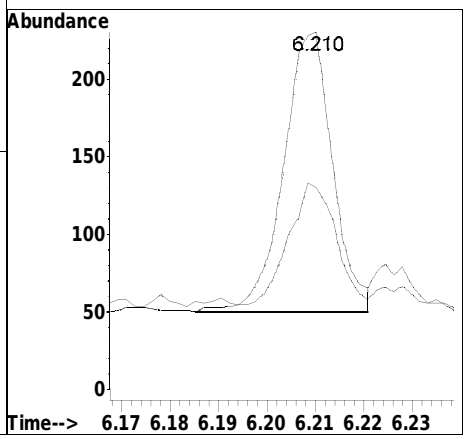




#30
Benzo[a]anthracene
Concen: 4.12 ng/ml
RT: 6.210 min Scan# 3293
Delta R.T. -0.133 min
Lab File: 28159-04.d
Acq: 30 Jun 2019 11:23 am

Tgt Ion:228 Resp: 127

Ion	Ratio	Lower	Upper
228	100		
229	40.9	15.5	23.3#



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Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190628LVI\
Data File : 254186-1.d
Acq On : 28 Jun 2019 12:31 pm
Operator : SV124:dv
Sample : wg1254186-1,32,,nj
Misc : wg1254392,wg1254186,ical15868
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 28 13:44:07 2019
Quant Method : I:\8270SIM\SV124\190628LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 28 09:13:41 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV124\190628LVI\ccv0628.d
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.059	152	9107	4000.000	ng/ml	0.00
Standard Area 1 = 12280			Recovery = 74.16%			
8) Naphthalene-d8	2.724	136	34707	4000.000	ng/ml	0.00
Standard Area 1 = 48131			Recovery = 72.11%			
16) Acenaphthene-d10	3.702	164	20474	4000.000	ng/ml	0.00
Standard Area 1 = 28451			Recovery = 71.96%			
20) Phenanthrene-d10	4.540	188	42699	4000.000	ng/ml	-0.02
Standard Area 1 = 58735			Recovery = 72.70%			
29) Chrysene-d12	6.205	240	41385	4000.000	ng/ml	-0.15
Standard Area 1 = 56631			Recovery = 73.08%			
33) Perylene-d12	7.291	264	47861	4000.000	ng/ml	-0.18
Standard Area 1 = 64791			Recovery = 73.87%			
System Monitoring Compounds						
2) 2-Fluorophenol	1.467	112	6431	2525.112	ng/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 5050.22%#			
3) Phenol-d6	1.891	99	6836M6	2209.150	ng/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 4418.30%#			
7) Nitrobenzene-d5	2.345	82	3962	1642.100	ng/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 6568.40%#			
13) 2-Fluorobiphenyl	3.328	172	12323	1670.884	ng/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 6683.54%#			
19) 2,4,6-Tribromophenol	4.149	330	5291	3888.026	ng/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 7776.05%#			
28) 4-Terphenyl-d14	5.512	244	20826	2350.071	ng/ml	-0.09
Spiked Amount 25.000	Range 30 - 130		Recovery = 9400.28%#			

Target Compounds				Qvalue
10) Hexachlorobutadiene	0.000	0	N.D.	
22) Hexachlorobenzene	0.000	0	N.D.	
30) Benzo[a]anthracene	0.000	0	N.D.	d
34) Benzo[b]fluoranthene	0.000	0	N.D.	
35) Benzo[k]fluoranthene	0.000	0	N.D.	
36) Benzo[a]pyrene	0.000	0	N.D.	d
37) Indeno[1,2,3-cd]pyrene	0.000	0	N.D.	
38) Dibenzo[a,h]anthracene	0.000	0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190628LVI\
Data File : 254186-1.d
Acq On : 28 Jun 2019 12:31 pm
Operator : SV124:dv
Sample : wg1254186-1,32,,nj
Misc : wg1254392,wg1254186,ical15868
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 28 13:44:07 2019
Quant Method : I:\8270SIM\SV124\190628LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 28 09:13:41 2019
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV124\190628LVI\ccv0628.d
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

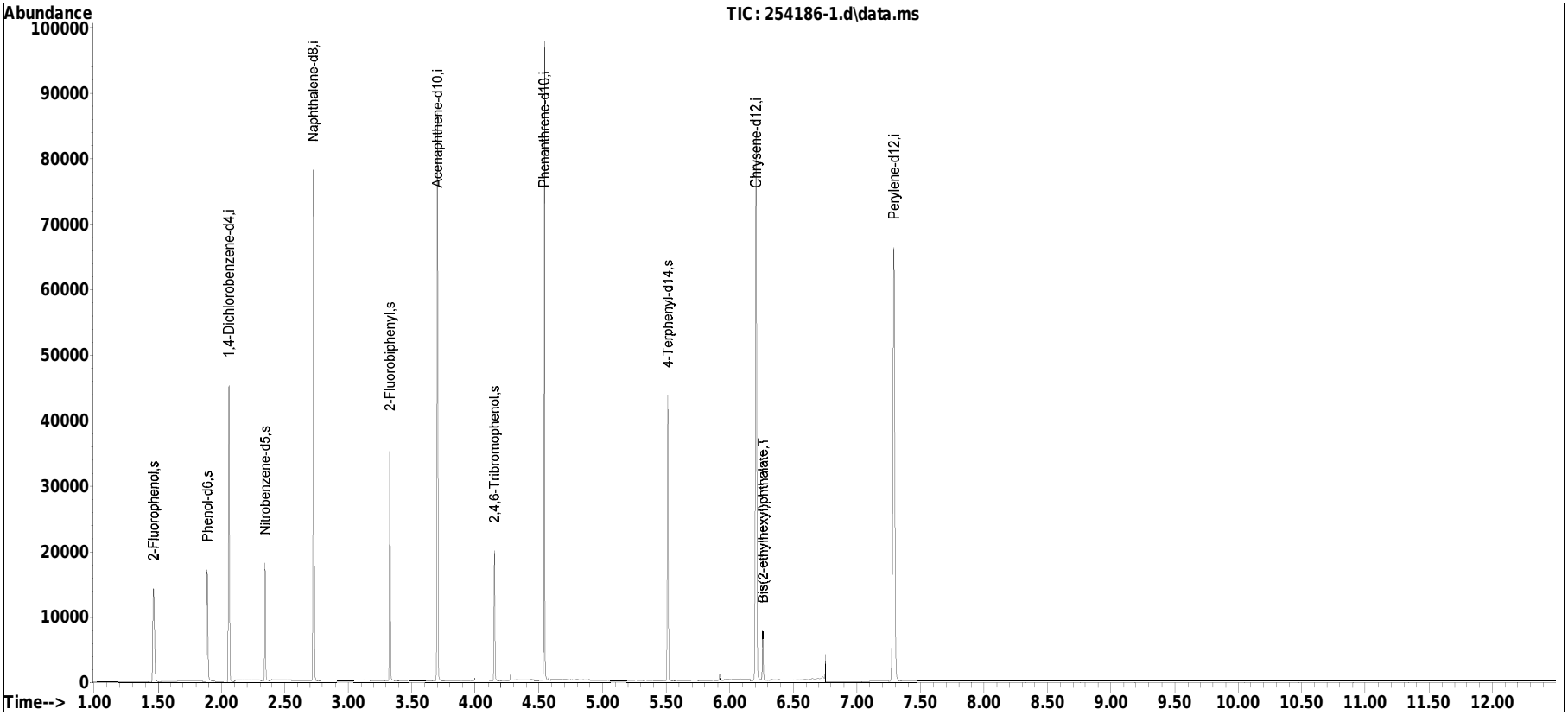
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV124\190628LVI\
Data File : 254186-1.d
Acq On : 28 Jun 2019 12:31 pm
Operator : SV124:dv
Sample : wg1254186-1,32,,nj
Misc : wg1254392,wg1254186,ical15868
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 28 13:44:07 2019
Quant Method : I:\8270SIM\SV124\190628LVI\SIM-LVI190612xsv124.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jun 28 09:13:41 2019
Response via : Initial Calibration

Sub List : Default - All compounds listed\ccv0628.d•



ALPHA ANALYTICAL

World Class Chemistry

www.alphalab.com

Lab Number: L2011627

Client: Lisko Environmental, LLC

ATTN: Jonathan Lisko

Project Name: FORMER PISTOIA TIRE CO INC

Project Number: 0064-4

ANALYTICAL DATA PACKAGE FOR THE
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON NEW JERSEY 08625

Agency/Division:	**Bureau/Office:**
Project No: 0064-4	**Contract No:**
Laboratory: Alpha Analytical	**Laboratory Location:** Westborough, Ma.
	Laboratory Phone Number: (508) 898-9220
SDG No: L2011627	**NJDEP Certification #:** MA015/MA935
Date of First Sample Receipt: 03/13/2020	**Date of Last Sample Receipt:** 03/13/2020

Agency Sample Number	Laboratory Sample Number	Sample Location	Date/Time of Collection
MW-1	L2011627-01	FORMER PISTOIA TIRE CC	03/13/2020 10:06
MW-2	L2011627-02	FORMER PISTOIA TIRE CC	03/13/2020 10:40
MW-3	L2011627-03	FORMER PISTOIA TIRE CC	03/13/2020 11:07
MW-4	L2011627-04	FORMER PISTOIA TIRE CC	03/13/2020 11:51
FIELD BLANK	L2011627-05	FORMER PISTOIA TIRE CC	03/13/2020 12:15
TRIP BLANK	L2011627-06	FORMER PISTOIA TIRE CC	03/12/2020 00:00

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on disk or electronically has been authorized by the laboratory director or his/her designee, as verified by the following signature.

Technical Director/Representative (Typed)	Melissa Sturgis	03/20/20
Technical Director/Representative (Signature)	Melissa Sturgis	

Table of Contents

Table of Contents

Table of Contents

Chain of Custody

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 1 of 1

Date Rec'd in Lab: 3/13/20

ALPHA Job #: L2011627

Client Information
Client: LISKO ENV.
Address: 1300 MAIN ST. PO BOX 83
BELMAR, NJ 07719
Phone: 732-312-7316
Fax:
Email: KHALIL@LISKOENV.COM

Project Information
Project Name: FORMER PISTOIA TIRE CO INC.
Project Location: 6380 BLACK HORSE PIKE, MAYS LANDING NJ
Project #: 0064-4
(Use Project name as Project #)
Project Manager: KHALIL ABBASZADEH
ALPHAQuote #:

Turn-Around Time
Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

Deliverables
X NJ Full (Reduced)
EQuIS (1 File)
EQuIS (4 File)
Other

Billing Information
X Same as Client Info
PO #

Regulatory Requirement
X SRS Residential/Non Residential
SRS Impact to Groundwater
X NJ Ground Water Quality Standards
NJ IGW SPLP Leachate Criteria
X Other NJ INT GWQS, VISL-GW

Site Information
Is this site impacted by Petroleum? Yes X
Petroleum Product: GASOLINE

These samples have been previously analyzed by Alpha

For EPH, selection is REQUIRED:
Category 1
Category 2

For VOC, selection is REQUIRED:
1,4-Dioxane
8011

Other project specific requirements/comments:
Please specify Metals or TAL.

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VO+15	BN+15	ALKALINITY	NO_3	NO_2	Fe	As	SO_4	Sample Specific Comments	Total Bottle
11627-01	MW-1	3/13/20	1006	GW	RA	X	X	X	X	X	X	X	X		8
-02	MW-2		1040												
-03	MW-3		1107												
-04	MW-4		1151												
-05	FIELD BLANK		1215	BLANK											3
-06	TRIP BLANK	3/12/20	—		—										2

Container Type	V	A	P	P	P	P	P	P
Preservative	B	A	A	A	A	C	C	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Khalil Abbaszadeh	3/13/20		3/13/20 15:50
	3/13/20 17:38		3/13/20 19:30
AAL	3/13/20 23:15		3/13/20 23:15

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Mar 20 2020, 02:00 pm

Login Number: L2011627
Account: LISKOENV Lisko Environmental, LLCProject: 0064-4
Received: 13MAR20 Due Date: 20MAR20

Sample #	Client ID	Mat	PR	Collected
L2011627-01	MW-1	S0	1	13MAR20 10:06
| NJ-RED Package Due Date: 03/20/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NJ-RED,NJDEP,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2011627-02	MW-2	S0	1	13MAR20 10:40
| Package Due Date: 03/20/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2011627-03	MW-3	S0	1	13MAR20 11:07
| Package Due Date: 03/20/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2011627-04	MW-4	S0	1	13MAR20 11:51
| Package Due Date: 03/20/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2011627-05	FIELD BLANK	S0	1	13MAR20 12:15
| Package Due Date: 03/20/20				
NJ-8260				
L2011627-06	TRIP BLANK	S0	1	12MAR20 00:00
| Package Due Date: 03/20/20				

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Mar 20 2020, 02:00 pm

Login Number: L2011627

Account: LISKOENV Lisko Environmental, LLCProject: 0064-4

Received: 13MAR20 Due Date: 20MAR20

Sample #	Client ID	Mat	PR	Collected

NJ-8260

Logged By: Sharon Hoffman

ALPHA ANALYTICAL LABORATORIES
Container Tracking Report

Container ID	Type	Status	Transaction Date	From Response	From Location	From Operator	To Response	To Location	To Operator
L2011627-01A	Vial-B	INTACT	19-MAR-20	CUSTODY	V56-25 CUSTODY	Meghan Sullivan	GC/MS	GC/MS	Meghan Sullivan
L2011627-01A	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V56-25 CUSTODY	V56-25 CUSTODY	Brittney Kelley
L2011627-01A	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-01B	Vial-B	INTACT	18-MAR-20	CUSTODY	V37-15 CUSTODY	Lierymell Cruz	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Lierymell Cruz
L2011627-01B	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V37-15 CUSTODY	V37-15 CUSTODY	Brittney Kelley
L2011627-01B	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-01C	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V65-30 CUSTODY	V65-30 CUSTODY	Brittney Kelley
L2011627-01C	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-01D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	RETURN WALK-IN CUSTODY	Brittney Kelley	W13-S5-C CUSTODY	W13-S5-C CUSTODY	Brittney Kelley
L2011627-01D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	WETCHEM	Matthew Cormier	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Matthew Cormier
L2011627-01D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	W12-S2-C CUSTODY	Matthew Cormier	WETCHEM	WETCHEM	Matthew Cormier
L2011627-01D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Kyle Provencher	W12-S2-C CUSTODY	W12-S2-C CUSTODY	Kyle Provencher
L2011627-01D	Plastic-NH.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-01E	Plastic-A.25	INTACT	17-MAR-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W14-S5-D CUSTODY	W14-S5-D CUSTODY	Sam Bardsley
L2011627-01E	Plastic-A.25	INTACT	17-MAR-20	CUSTODY	WETCHEM	Bryce Rashbaum	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Bryce Rashbaum
L2011627-01E	Plastic-A.25	INTACT	16-MAR-20	CUSTODY	W13-S5-A CUSTODY	Bryce Rashbaum	WETCHEM	WETCHEM	Bryce Rashbaum
L2011627-01E	Plastic-A.25	INTACT	14-MAR-20	CUSTODY	RETURN WALK-IN CUSTODY	Brittney Kelley	W13-S5-A CUSTODY	W13-S5-A CUSTODY	Brittney Kelley
L2011627-01E	Plastic-A.25	INTACT	14-MAR-20	CUSTODY	WETCHEM	Meghan Mackenzie	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Meghan Mackenzie
L2011627-01E	Plastic-A.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Cody Blair	WETCHEM	WETCHEM	Cody Blair
L2011627-01E	Plastic-A.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-01F	Plastic-C.25	INTACT	17-MAR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Emily West	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Emily West
L2011627-01F	Plastic-C.25	INTACT	14-MAR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Andrew Kussmaul	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Andrew Kussmaul
L2011627-01F	Plastic-C.25	INTACT	14-MAR-20	TRANSIT COURIER	COOLER10-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Hector Natal
L2011627-01F	Plastic-C.25	INTACT	14-MAR-20	COOLER10-TRANSFER_TO_MANSFIELD	COOLER10-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER10-TRANSFER_TO_MANSFIE	
L2011627-01F	Plastic-C.25	INTACT	14-MAR-20		CUSTODY	Wendy Morency	COOLER10-TRANSFER_TO_MANSFIELD	COOLER10-TRANSFER_TO_MANSFIELD	Wendy Morency

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2011627-01F	Plastic-C.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-01G	Amber-A.25	EMPTY	18-MAR-20		R62-03 CUSTODY	Michael Plante	CUSTODY	CUSTODY	Michael Plante
L2011627-01G	Amber-A.25	INTACT	16-MAR-20	CUSTODY	R60-02 CUSTODY	Geoffry Grace	R62-03 CUSTODY	R62-03 CUSTODY	Geoffry Grace
L2011627-01G	Amber-A.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Kyle Provencher	R60-02 CUSTODY	R60-02 CUSTODY	Kyle Provencher
L2011627-01G	Amber-A.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-01H	Amber-A.25	INTACT	16-MAR-20	CUSTODY	R60-02 CUSTODY	Geoffry Grace	R62-03 CUSTODY	R62-03 CUSTODY	Geoffry Grace
L2011627-01H	Amber-A.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Kyle Provencher	R60-02 CUSTODY	R60-02 CUSTODY	Kyle Provencher
L2011627-01H	Amber-A.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-02A	Vial-B	INTACT	19-MAR-20	CUSTODY	V56-25 CUSTODY	Meghan Sullivan	GC/MS	GC/MS	Meghan Sullivan
L2011627-02A	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V56-25 CUSTODY	V56-25 CUSTODY	Brittney Kelley
L2011627-02A	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-02B	Vial-B	INTACT	18-MAR-20	CUSTODY	V37-15 CUSTODY	Lierymell Cruz	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Lierymell Cruz
L2011627-02B	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V37-15 CUSTODY	V37-15 CUSTODY	Brittney Kelley
L2011627-02B	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-02C	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V65-30 CUSTODY	V65-30 CUSTODY	Brittney Kelley
L2011627-02C	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-02D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	RETURN WALK-IN CUSTODY	Brittney Kelley	W11-S2-C CUSTODY	W11-S2-C CUSTODY	Brittney Kelley
L2011627-02D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	WETCHEM	Matthew Cormier	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Matthew Cormier
L2011627-02D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	W12-S2-C CUSTODY	Matthew Cormier	WETCHEM	WETCHEM	Matthew Cormier
L2011627-02D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Kyle Provencher	W12-S2-C CUSTODY	W12-S2-C CUSTODY	Kyle Provencher
L2011627-02D	Plastic-NH.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-02E	Plastic-A.25	INTACT	17-MAR-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W14-S5-D CUSTODY	W14-S5-D CUSTODY	Sam Bardsley
L2011627-02E	Plastic-A.25	INTACT	17-MAR-20	CUSTODY	WETCHEM	Bryce Rashbaum	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Bryce Rashbaum
L2011627-02E	Plastic-A.25	INTACT	16-MAR-20	CUSTODY	W13-S5-A CUSTODY	Bryce Rashbaum	WETCHEM	WETCHEM	Bryce Rashbaum
L2011627-02E	Plastic-A.25	INTACT	14-MAR-20	CUSTODY	RETURN WALK-IN CUSTODY	Brittney Kelley	W13-S5-A CUSTODY	W13-S5-A CUSTODY	Brittney Kelley

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2011627-02E	Plastic-A.25	INTACT	14-MAR-20	CUSTODY	WETCHEM	Meghan Mackenzie	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Meghan Mackenzie
L2011627-02E	Plastic-A.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Cody Blair	WETCHEM	WETCHEM	Cody Blair
L2011627-02E	Plastic-A.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-02F	Plastic-C.25	INTACT	17-MAR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Emily West	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Emily West
L2011627-02F	Plastic-C.25	INTACT	14-MAR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Andrew Kussmaul	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Andrew Kussmaul
L2011627-02F	Plastic-C.25	INTACT	14-MAR-20	TRANSIT COURIER	COOLER10-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Hector Natal
L2011627-02F	Plastic-C.25	INTACT	14-MAR-20	COOLER10-TRANSFER_TO_MANSFIELD	COOLER10-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER10-TRANSFER_TO_MANSFI	
L2011627-02F	Plastic-C.25	INTACT	14-MAR-20		CUSTODY	Wendy Morency	COOLER10-TRANSFER_TO_MANSFIELD	COOLER10-TRANSFER_TO_MANSFIELD	Wendy Moren
L2011627-02F	Plastic-C.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-02G	Amber-A.25	INTACT	16-MAR-20	CUSTODY	R60-02 CUSTODY	Geoffry Grace	R62-03 CUSTODY	R62-03 CUSTODY	Geoffry Grace
L2011627-02G	Amber-A.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Kyle Provencher	R60-02 CUSTODY	R60-02 CUSTODY	Kyle Provencher
L2011627-02G	Amber-A.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-02H	Amber-A.25	EMPTY	18-MAR-20		R62-03 CUSTODY	Michael Plante	CUSTODY	CUSTODY	Michael Plante
L2011627-02H	Amber-A.25	INTACT	16-MAR-20	CUSTODY	R60-02 CUSTODY	Geoffry Grace	R62-03 CUSTODY	R62-03 CUSTODY	Geoffry Grace
L2011627-02H	Amber-A.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Kyle Provencher	R60-02 CUSTODY	R60-02 CUSTODY	Kyle Provencher
L2011627-02H	Amber-A.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-03A	Vial-B	INTACT	19-MAR-20	CUSTODY	V56-25 CUSTODY	Meghan Sullivan	GC/MS	GC/MS	Meghan Sullivan
L2011627-03A	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V56-25 CUSTODY	V56-25 CUSTODY	Brittney Kelley
L2011627-03A	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-03B	Vial-B	INTACT	18-MAR-20	CUSTODY	V37-15 CUSTODY	Lierymell Cruz	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Lierymell Cruz
L2011627-03B	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V37-15 CUSTODY	V37-15 CUSTODY	Brittney Kelley
L2011627-03B	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-03C	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V65-30 CUSTODY	V65-30 CUSTODY	Brittney Kelley
L2011627-03C	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-03D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	RETURN WALK-IN CUSTODY	Brittney Kelley	W13-S5-C CUSTODY	W13-S5-C CUSTODY	Brittney Kelley

Container ID	Type	Status	Transaction Date	From Response	Location	Operator	To Response	Location	Operator
L2011627-03D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	WETCHEM	Matthew Cormier	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Matthew Cormier
L2011627-03D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	W12-S2-C CUSTODY	Matthew Cormier	WETCHEM	WETCHEM	Matthew Cormier
L2011627-03D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Kyle Provencher	W12-S2-C CUSTODY	W12-S2-C CUSTODY	Kyle Provencher
L2011627-03D	Plastic-NH.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-03E	Plastic-A.25	INTACT	17-MAR-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W14-S5-D CUSTODY	W14-S5-D CUSTODY	Sam Bardsley
L2011627-03E	Plastic-A.25	INTACT	17-MAR-20	CUSTODY	WETCHEM	Bryce Rashbaum	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Bryce Rashbaum
L2011627-03E	Plastic-A.25	INTACT	16-MAR-20	CUSTODY	W13-S5-A CUSTODY	Bryce Rashbaum	WETCHEM	WETCHEM	Bryce Rashbaum
L2011627-03E	Plastic-A.25	INTACT	14-MAR-20	CUSTODY	RETURN WALK-IN CUSTODY	Brittney Kelley	W13-S5-A CUSTODY	W13-S5-A CUSTODY	Brittney Kelley
L2011627-03E	Plastic-A.25	INTACT	14-MAR-20	CUSTODY	WETCHEM	Meghan Mackenzie	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Meghan Mackenzie
L2011627-03E	Plastic-A.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Cody Blair	WETCHEM	WETCHEM	Cody Blair
L2011627-03E	Plastic-A.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-03F	Plastic-C.25	INTACT	17-MAR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Emily West	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Emily West
L2011627-03F	Plastic-C.25	INTACT	14-MAR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Andrew Kussmaul	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Andrew Kussmaul
L2011627-03F	Plastic-C.25	INTACT	14-MAR-20	TRANSIT COURIER	COOLER10-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Hector Natal
L2011627-03F	Plastic-C.25	INTACT	14-MAR-20	COOLER10-TRANSFER_TO_MANSFIELD	COOLER10-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER10-TRANSFER_TO_MANSFI	
L2011627-03F	Plastic-C.25	INTACT	14-MAR-20		CUSTODY	Wendy Morency	COOLER10-TRANSFER_TO_MANSFIELD	COOLER10-TRANSFER_TO_MANSFIELD	Wendy Moren
L2011627-03F	Plastic-C.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-03G	Amber-A.25	INTACT	16-MAR-20	CUSTODY	R60-02 CUSTODY	Geoffry Grace	R62-03 CUSTODY	R62-03 CUSTODY	Geoffry Grace
L2011627-03G	Amber-A.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Kyle Provencher	R60-02 CUSTODY	R60-02 CUSTODY	Kyle Provencher
L2011627-03G	Amber-A.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-03H	Amber-A.25	EMPTY	18-MAR-20		R62-03 CUSTODY	Michael Plante	CUSTODY	CUSTODY	Michael Plante
L2011627-03H	Amber-A.25	INTACT	16-MAR-20	CUSTODY	R60-02 CUSTODY	Geoffry Grace	R62-03 CUSTODY	R62-03 CUSTODY	Geoffry Grace
L2011627-03H	Amber-A.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Kyle Provencher	R60-02 CUSTODY	R60-02 CUSTODY	Kyle Provencher
L2011627-03H	Amber-A.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-04A	Vial-B	INTACT	19-MAR-20	CUSTODY	V56-25 CUSTODY	Meghan Sullivan	GC/MS	GC/MS	Meghan Sullivan

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2011627-04A	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V56-25 CUSTODY	V56-25 CUSTODY	Brittney Kelley
L2011627-04A	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-04B	Vial-B	INTACT	18-MAR-20	CUSTODY	V37-15 CUSTODY	Lierymell Cruz	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Lierymell Cruz
L2011627-04B	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V37-15 CUSTODY	V37-15 CUSTODY	Brittney Kelley
L2011627-04B	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-04C	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V65-30 CUSTODY	V65-30 CUSTODY	Brittney Kelley
L2011627-04C	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-04D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	RETURN WALK-IN CUSTODY	Brittney Kelley	W13-S5-C CUSTODY	W13-S5-C CUSTODY	Brittney Kelley
L2011627-04D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	WETCHEM	Matthew Cormier	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Matthew Cormier
L2011627-04D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	W12-S2-C CUSTODY	Matthew Cormier	WETCHEM	WETCHEM	Matthew Cormier
L2011627-04D	Plastic-NH.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Kyle Provencher	W12-S2-C CUSTODY	W12-S2-C CUSTODY	Kyle Provencher
L2011627-04D	Plastic-NH.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-04E	Plastic-A.25	INTACT	17-MAR-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W14-S5-D CUSTODY	W14-S5-D CUSTODY	Sam Bardsley
L2011627-04E	Plastic-A.25	INTACT	17-MAR-20	CUSTODY	WETCHEM	Bryce Rashbaum	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Bryce Rashbaum
L2011627-04E	Plastic-A.25	INTACT	16-MAR-20	CUSTODY	W13-S5-A CUSTODY	Bryce Rashbaum	WETCHEM	WETCHEM	Bryce Rashbaum
L2011627-04E	Plastic-A.25	INTACT	14-MAR-20	CUSTODY	RETURN WALK-IN CUSTODY	Brittney Kelley	W13-S5-A CUSTODY	W13-S5-A CUSTODY	Brittney Kelley
L2011627-04E	Plastic-A.25	INTACT	14-MAR-20	CUSTODY	WETCHEM	Meghan Mackenzie	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Meghan Mackenzie
L2011627-04E	Plastic-A.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Cody Blair	WETCHEM	WETCHEM	Cody Blair
L2011627-04E	Plastic-A.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-04F	Plastic-C.25	INTACT	17-MAR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Emily West	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Emily West
L2011627-04F	Plastic-C.25	INTACT	14-MAR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Andrew Kussmaul	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Andrew Kussmaul
L2011627-04F	Plastic-C.25	INTACT	14-MAR-20	TRANSIT COURIER	COOLER10-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Hector Natal
L2011627-04F	Plastic-C.25	INTACT	14-MAR-20	COOLER10-TRANSFER_TO_MANSFIELD	COOLER10-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER10-TRANSFER_TO_MANSFI	
L2011627-04F	Plastic-C.25	INTACT	14-MAR-20		CUSTODY	Wendy Morency	COOLER10-TRANSFER_TO_MANSFIELD	COOLER10-TRANSFER_TO_MANSFIELD	Wendy Moren
L2011627-04F	Plastic-C.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2011627-04G	Amber-A.25	EMPTY	18-MAR-20		R62-03 CUSTODY	Michael Plante	CUSTODY	CUSTODY	Michael Plante
L2011627-04G	Amber-A.25	INTACT	16-MAR-20	CUSTODY	R60-02 CUSTODY	Geoffry Grace	R62-03 CUSTODY	R62-03 CUSTODY	Geoffry Grace
L2011627-04G	Amber-A.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Kyle Provencher	R60-02 CUSTODY	R60-02 CUSTODY	Kyle Provencher
L2011627-04G	Amber-A.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-04H	Amber-A.25	INTACT	16-MAR-20	CUSTODY	R60-02 CUSTODY	Geoffry Grace	R62-03 CUSTODY	R62-03 CUSTODY	Geoffry Grace
L2011627-04H	Amber-A.25	INTACT	14-MAR-20	CUSTODY	CUSTODY	Kyle Provencher	R60-02 CUSTODY	R60-02 CUSTODY	Kyle Provencher
L2011627-04H	Amber-A.25	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-05A	Vial-B	INTACT	19-MAR-20	CUSTODY	V56-25 CUSTODY	Meghan Sullivan	GC/MS	GC/MS	Meghan Sullivan
L2011627-05A	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V56-25 CUSTODY	V56-25 CUSTODY	Brittney Kelley
L2011627-05A	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-05B	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V65-30 CUSTODY	V65-30 CUSTODY	Brittney Kelley
L2011627-05B	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-05C	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V65-30 CUSTODY	V65-30 CUSTODY	Brittney Kelley
L2011627-05C	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-06A	Vial-B	INTACT	19-MAR-20	CUSTODY	V56-25 CUSTODY	Meghan Sullivan	GC/MS	GC/MS	Meghan Sullivan
L2011627-06A	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V56-25 CUSTODY	V56-25 CUSTODY	Brittney Kelley
L2011627-06A	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2011627-06B	Vial-B	INTACT	14-MAR-20	CUSTODY	CUSTODY	Brittney Kelley	V65-30 CUSTODY	V65-30 CUSTODY	Brittney Kelley
L2011627-06B	Vial-B	INTACT	14-MAR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman

Methodology Review

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Laboratory Chronicle

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2011627-01A	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-01B	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-01C	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-01D	Plastic 250ml unpreserved/No Headspace	A	NA		3.8	Y	Absent		ALK-T-2320-PPB(14)
L2011627-01E	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2011627-01F	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2011627-01G	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2011627-01H	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2011627-02A	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-02B	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-02C	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-02D	Plastic 250ml unpreserved/No Headspace	A	NA		3.8	Y	Absent		ALK-T-2320-PPB(14)
L2011627-02E	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2011627-02F	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2011627-02G	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2011627-02H	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2011627-03A	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-03B	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-03C	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-03D	Plastic 250ml unpreserved/No Headspace	A	NA		3.8	Y	Absent		ALK-T-2320-PPB(14)
L2011627-03E	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2011627-03F	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2011627-03G	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2011627-03H	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2011627-04A	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-04B	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-04C	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-04D	Plastic 250ml unpreserved/No Headspace	A	NA		3.8	Y	Absent		ALK-T-2320-PPB(14)
L2011627-04E	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2011627-04F	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2011627-04G	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2011627-04H	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2011627-05A	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-05B	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-05C	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-06A	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)
L2011627-06B	Vial HCl preserved	A	NA		3.8	Y	Absent		NJ-8260(14)

*Values in parentheses indicate holding time in days

NJ DEP
Data of Known Quality Protocols
Conformance/Non-Conformance
Summary Questionnaire

NJ DEP Data of Known Quality Protocols
Conformance/Non-Conformance
Summary Questionnaire

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	YES
1a	Were the method specified handling, preservation, and holding time requirements met?	YES
1b	EPH Method: Was the EPH Method conducted without significant modifications (see Section 11.3 of respective DKQ methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (4 ± 2° C)?	YES
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	NO
5a	Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?	YES
5b	Were these reporting limits met?	NO
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	YES
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	NO

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1a or #1b is "No", the data package does not meet the requirements for "Data of Known Quality".

Conformance/Non-Conformance Summary

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

DKQP Related Narratives

Volatile Organics

In reference to question 5b:

L2011627-01 through -06: One or more of the target analytes did not achieve the requested regulatory limits.

Semivolatile Organics

In reference to question 4:

WG1352237-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable. Please refer to the QC section of the report for specific details.

Non-DKQP Related Narratives

Sulfate

L2011627-01, -02 and -03: The sample has an elevated detection limit due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Report Date: 03/20/20

Title: Technical Director/Representative

Glossary

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Organics

GC/MS 8260
Analysis

Sample Results Summary

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-01	**Date Collected**	: 03/13/20 10:06
Client ID	: MW-1	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 22:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N13	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-01	**Date Collected**	: 03/13/20 10:06
Client ID	: MW-1	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 22:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N13	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-01	**Date Collected**	: 03/13/20 10:06
Client ID	: MW-1	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 22:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N13	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-01	**Date Collected**	: 03/13/20 10:06
Client ID	: MW-1	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 22:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N13	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-02	**Date Collected**	: 03/13/20 10:40
Client ID	: MW-2	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 21:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N09	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-02	**Date Collected**	: 03/13/20 10:40
Client ID	: MW-2	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 21:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N09	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-02	**Date Collected**	: 03/13/20 10:40
Client ID	: MW-2	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 21:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N09	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-02	**Date Collected**	: 03/13/20 10:40
Client ID	: MW-2	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 21:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N09	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-03	**Date Collected**	: 03/13/20 11:07
Client ID	: MW-3	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 21:32
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N10	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-03	**Date Collected**	: 03/13/20 11:07
Client ID	: MW-3	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 21:32
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N10	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-03	**Date Collected**	: 03/13/20 11:07
Client ID	: MW-3	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 21:32
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N10	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	0.25	0.50	0.19	J
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-03	**Date Collected**	: 03/13/20 11:07
Client ID	: MW-3	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 21:32
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N10	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 4 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Benzene	13.27	1.13	J
	Unknown Benzene	13.32	1.03	J
	Unknown Aromatic	13.69	1.48	J
	Total TIC Compounds		3.64J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-04	**Date Collected**	: 03/13/20 11:51
Client ID	: MW-4	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 23:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N16	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-04	**Date Collected**	: 03/13/20 11:51
Client ID	: MW-4	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 23:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N16	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-04	**Date Collected**	: 03/13/20 11:51
Client ID	: MW-4	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 23:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N16	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-04	**Date Collected**	: 03/13/20 11:51
Client ID	: MW-4	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 23:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N16	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-05	**Date Collected**	: 03/13/20 12:15
Client ID	: FIELD BLANK	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 20:22
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N07	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-05	**Date Collected**	: 03/13/20 12:15
Client ID	: FIELD BLANK	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 20:22
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N07	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-05	**Date Collected**	: 03/13/20 12:15
Client ID	: FIELD BLANK	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 20:22
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N07	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-05	**Date Collected**	: 03/13/20 12:15
Client ID	: FIELD BLANK	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 20:22
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N07	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-06	**Date Collected**	: 03/12/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 20:45
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N08	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-06	**Date Collected**	: 03/12/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 20:45
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N08	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-06	**Date Collected**	: 03/12/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 20:45
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N08	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-06	**Date Collected**	: 03/12/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 20:45
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V05200319N08	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: WG1353437-5	Date Collected	: NA
Client ID	: WG1353437-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/19/20 19:12
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V05200319N04	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U
74-87-3	Chloromethane	ND	2.5	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1353437-5	**Date Collected**	: NA
Client ID	: WG1353437-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/19/20 19:12
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MKS
Lab File ID	: V05200319N04	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1353437-5	**Date Collected**	: NA
Client ID	: WG1353437-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/19/20 19:12
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MKS
Lab File ID	: V05200319N04	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1353437-5	**Date Collected**	: NA
Client ID	: WG1353437-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/19/20 19:12
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MKS
Lab File ID	: V05200319N04	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: VOA105	**Analysis Date**	: 03/13/20 19:15
Tune Standard	: WG1351154-1	**Tune File ID**	: V05200313NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	17.1
75	30.0 - 60.0% of mass 95	50.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0 of mass 95	82.9
175	5.0 - 9.0% of mass 174	6.1 (7.3)1
176	95.0 - 101% of mass 174	80.9 (97.6)1
177	5.0 - 9.0% of mass 176	5.3 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STDL0.15PP	R1294319-1	V05200313N04	03/13/20 20:45
STDL0.5PPB	R1294319-3	V05200313N06	03/13/20 21:31
STDL2PPB	R1294319-2	V05200313N08	03/13/20 22:18
STDL10PPB	R1294319-5	V05200313N09	03/13/20 22:41
STDL30PPB	R1294319-4	V05200313N10	03/13/20 23:04
STDL80PPB	R1294319-8	V05200313N11	03/13/20 23:27
STDL120PPB	R1294319-7	V05200313N12	03/13/20 23:50
STDL200PPB	R1294319-6	V05200313N13	03/14/20 00:13
ICV Quant Report	R1294319-9	V05200313N20	03/14/20 02:55

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: VOA105	**Analysis Date**	: 03/19/20 17:44
Tune Standard	: WG1353437-1	**Tune File ID**	: V05200319NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	18.8
75	30.0 - 60.0% of mass 95	53
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0 of mass 95	77.8
175	5.0 - 9.0% of mass 174	5.7 (7.4)1
176	95.0 - 101% of mass 174	75.9 (97.5)1
177	5.0 - 9.0% of mass 176	4.9 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1353437-2CCAL	WG1353437-2	V05200319N01	03/19/20 18:03
WG1353437-3LCS	WG1353437-3	V05200319N01	03/19/20 18:03
WG1353437-4LCSD	WG1353437-4	V05200319N02	03/19/20 18:26
WG1353437-5BLANK	WG1353437-5	V05200319N04	03/19/20 19:12
FIELD BLANK	L2011627-05	V05200319N07	03/19/20 20:22
TRIP BLANK	L2011627-06	V05200319N08	03/19/20 20:45
MW-2	L2011627-02	V05200319N09	03/19/20 21:09
MW-3	L2011627-03	V05200319N10	03/19/20 21:32
MW-1	L2011627-01	V05200319N13	03/19/20 22:42
MW-4	L2011627-04	V05200319N16	03/19/20 23:51
WG1353437-6MS	WG1353437-6	V05200319N25	03/20/20 03:21
WG1353437-7MSD	WG1353437-7	V05200319N26	03/20/20 03:44

Blank Results Summary

Method Blank Summary
Form 4
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab Sample ID	: WG1353437-5	**Lab File ID**	: V05200319N04
Instrument ID	: VOA105		
Matrix	: WATER	**Analysis Date**	: 03/19/20 19:12

Client Sample No.	Lab Sample ID	Analysis Date
WG1353437-3LCS	WG1353437-3	03/19/20 18:03
WG1353437-4LCSD	WG1353437-4	03/19/20 18:26
FIELD BLANK	L2011627-05	03/19/20 20:22
TRIP BLANK	L2011627-06	03/19/20 20:45
MW-2	L2011627-02	03/19/20 21:09
MW-3	L2011627-03	03/19/20 21:32
MW-1	L2011627-01	03/19/20 22:42
MW-4	L2011627-04	03/19/20 23:51
MW-02MS	WG1353437-6	03/20/20 03:21
MW-02MSD	WG1353437-7	03/20/20 03:44

Standards Data Summary

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2011627**
Project Name	**: FORMER PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL16595**
Calibration dates	**: 03/13/20 20:45 03/14/20 00:13**		

Calibration Files

L11 =V05200313N04.d L1 =V05200313N06.d L2 =V05200313N08.d L3 =V05200313N09.d L4 =V05200313N10.d

L6 =V05200313N11.d L8 =V05200313N12.d L10 =V05200313N13.d

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.143	0.201	0.219	0.219	0.224	0.229	0.242	0.211	15.31
3)	TP	Chloromethane		0.163	0.196	0.204	0.211	0.210	0.218	0.229	0.205	10.25
4)	TC	Vinyl chloride	0.279	0.185	0.246	0.258	0.261	0.266	0.273	0.285	0.257	12.19
5)	TP	Bromomethane		0.108	0.133	0.127	0.140	0.150	0.161	0.170	0.141	14.88
6)	TP	Chloroethane		0.124	0.140	0.134	0.137	0.126	0.123	0.106	0.127	8.95
7)	TP	Trichlorofluor		0.277	0.360	0.387	0.389	0.386	0.390	0.395	0.369	11.37
8)	TP	Ethyl ether		0.108	0.098	0.096	0.097	0.097	0.098	0.097	0.099	4.04
10)	TC	1,1-Dichloroet		0.154	0.191	0.187	0.190	0.198	0.204	0.216	0.191	10.13
11)	TP	Carbon disulfide		0.403	0.485	0.501	0.528	0.558	0.580	0.613	0.524	13.29
12)	TP	Freon-113		0.132	0.180	0.195	0.195	0.201	0.206	0.215	0.189	14.51
13)	TP	Iodomethane		0.198	0.255	0.283	0.312	0.320	0.326	0.322	0.288	16.43
14)	TP	Acrolein		0.023	0.017	0.015	0.015	0.015	0.015	0.015	0.017#	17.58
15)	TP	Methylene chlo		0.215	0.204	0.201	0.209	0.209	0.215	0.222	0.211	3.35
17)	TP	Acetone			0.044	0.030	0.028	0.028	0.028	0.027	*L	1.0000
18)	TP	trans-1,2-Dich		0.177	0.215	0.209	0.220	0.221	0.228	0.237	0.215	8.90
19)	TP	Methyl acetate		0.104	0.080	0.076	0.079	0.082	0.083	0.082	0.084#	11.32
20)	TP	Methyl tert butyl ether		0.435	0.440	0.453	0.473	0.475	0.483	0.482	0.463	4.35
21)	TP	tert-Butyl alc		0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008#	3.83
22)	TP	Diisopropyl ether		0.514	0.560	0.565	0.596	0.590	0.604	0.620	0.578	6.07
23)	TP	1,1-Dichloroet		0.326	0.376	0.376	0.392	0.386	0.395	0.404	0.379	6.70
24)	TP	Halothane		0.123	0.157	0.166	0.176	0.175	0.179	0.186	0.166	12.83
25)	TP	Acrylonitrile		0.036	0.034	0.034	0.036	0.037	0.038	0.039	0.036#	5.06
26)	TP	Ethyl tert-but		0.480	0.493	0.518	0.545	0.547	0.562	0.574	0.531	6.67
27)	TP	Vinyl acetate		0.274	0.264	0.271	0.291	0.317	0.334	0.346	0.300	10.93
28)	TP	cis-1,2-Dichlo		0.203	0.234	0.228	0.238	0.235	0.242	0.250	0.233	6.47
29)	TP	2,2-Dichloropr		0.279	0.343	0.330	0.339	0.339	0.348	0.352	0.333	7.41
30)	TP	Bromochloromet		0.092	0.102	0.106	0.108	0.108	0.111	0.110	0.105	6.25
31)	TP	Cyclohexane		0.242	0.316	0.344	0.342	0.348	0.362	0.383	0.334	13.54
32)	TC	Chloroform		0.363	0.375	0.385	0.397	0.382	0.389	0.391	0.383	2.99
33)	TP	Ethyl acetate		0.090	0.098	0.101	0.106	0.108	0.110	0.111	0.104	7.10
34)	TP	Carbon tetrachloride	0.349	0.261	0.338	0.337	0.358	0.361	0.369	0.376	0.344	10.50
35)	TP	Tetrahydrofuran		0.073	0.048	0.032	0.031	0.030	0.030	0.030	*L	0.9997
36)	S	Dibromofluoromethane	0.263	0.264	0.265	0.267	0.268	0.270	0.271	0.274	0.268	1.35
37)	TP	1,1,1-Trichlor		0.296	0.372	0.378	0.384	0.378	0.381	0.383	0.367	8.65
39)	TP	2-Butanone		0.045	0.039	0.044	0.044	0.045	0.045	0.045	0.044#	5.21

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2011627**
Project Name	**: FORMER PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL16595**
Calibration dates	**: 03/13/20 20:45 03/14/20 00:13**		

Calibration Files
L11 =V05200313N04.d L1 =V05200313N06.d L2 =V05200313N08.d L3 =V05200313N09.d L4 =V05200313N10.d
L6 =V05200313N11.d L8 =V05200313N12.d L10 =V05200313N13.d

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP	1,1-Dichloropr		0.233	0.314	0.307	0.318	0.316	0.321	0.327	0.305	10.64
41) TP	Benzene	0.899	0.761	0.855	0.867	0.892	0.883	0.899	0.904	0.870	5.41
42) TP	Tertiary-Amyl Methyl Ether		0.456	0.468	0.480	0.498	0.503	0.512	0.514	0.490	4.58
43) S	1,2-Dichloroethane-d4	0.286	0.289	0.294	0.296	0.277	0.286	0.289	0.279	0.287	2.30
44) TP	1,2-Dichloroet		0.255	0.257	0.258	0.262	0.258	0.260	0.257	0.258	0.84
47) TP	Methyl cyclohe		0.271	0.344	0.390	0.392	0.404	0.421	0.448	0.382	15.26
48) TP	Trichloroethene	0.313	0.223	0.239	0.227	0.236	0.239	0.245	0.256	0.247	11.48
50) TP	Dibromomethane		0.103	0.113	0.116	0.120	0.122	0.125	0.129	0.118	7.21
51) TC	1,2-Dichloropr		0.179	0.197	0.206	0.211	0.210	0.215	0.222	0.206	6.75
53) TP	2-Chloroethyl		0.080	0.097	0.104	0.108	0.111	0.112	0.112	0.103	11.27
54) TP	Bromodichlorom		0.239	0.264	0.281	0.304	0.306	0.313	0.317	0.289	9.99
57) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	5.94
58) TP	cis-1,3-Dichlo		0.278	0.308	0.332	0.351	0.361	0.372	0.386	0.341	11.15
59) I	Chlorobenzene-d5	----------ISTD----------									
60) S	Toluene-d8	1.285	1.278	1.303	1.307	1.282	1.257	1.223	1.188	1.265	3.26
61) TC	Toluene		0.621	0.733	0.734	0.750	0.733	0.735	0.734	0.720	6.13
62) TP	4-Methyl-2-pen		0.044	0.048	0.054	0.055	0.057	0.058	0.058	0.053#	10.12
63) TP	Tetrachloroethene		0.276	0.348	0.354	0.359	0.355	0.353	0.353	0.343	8.67
65) TP	trans-1,3-Dich		0.295	0.315	0.355	0.375	0.372	0.374	0.367	0.350	9.25
67) TP	Ethyl methacry		0.207	0.225	0.250	0.262	0.265	0.267	0.263	0.249	9.44
68) TP	1,1,2-Trichlor		0.148	0.162	0.170	0.169	0.166	0.166	0.163	0.164	4.63
69) TP	Chlorodibromom		0.207	0.227	0.262	0.282	0.287	0.288	0.283	0.262	12.42
70) TP	1,3-Dichloropr		0.331	0.343	0.389	0.391	0.380	0.374	0.363	0.367	6.27
71) TP	1,2-Dibromoethane		0.165	0.186	0.201	0.202	0.201	0.198	0.190	0.192	6.87
72) TP	2-Hexanone		0.103	0.091	0.088	0.088	0.088	0.086	0.082	0.090#	7.11
73) TP	Chlorobenzene		0.672	0.773	0.775	0.798	0.787	0.798	0.796	0.771	5.83
74) TC	Ethylbenzene		1.216	1.396	1.401	1.427	1.390	1.385	1.317	1.362	5.32
75) TP	1,1,1,2-Tetrac		0.222	0.248	0.272	0.281	0.272	0.270	0.261	0.261	7.71
76) TP	p/m Xylene		0.453	0.537	0.552	0.567	0.564	0.561	0.525	0.537	7.44
77) TP	o Xylene		0.442	0.507	0.526	0.544	0.544	0.544	0.508	0.517	7.13
78) TP	Styrene		0.680	0.791	0.852	0.877	0.860	0.836	0.727	0.803	9.25
79) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80) TP	Bromoform		0.189	0.210	0.258	0.285	0.294	0.294	0.288	0.260	16.76
82) TP	Isopropylbenzene		2.226	2.639	2.683	2.776	2.770	2.785	2.717	2.657	7.42
83) S	4-Bromofluorobenzene	0.951	0.948	0.950	0.928	0.943	0.934	0.941	0.933	0.941	0.93
84) TP	Bromobenzene		0.556	0.611	0.622	0.654	0.655	0.670	0.697	0.638	7.24

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2011627**
Project Name	**: FORMER PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL16595**
Calibration dates	**: 03/13/20 20:45 03/14/20 00:13**		

Calibration Files
L11 =V05200313N04.d L1 =V05200313N06.d L2 =V05200313N08.d L3 =V05200313N09.d L4 =V05200313N10.d
L6 =V05200313N11.d L8 =V05200313N12.d L10 =V05200313N13.d

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP	n-Propylbenzene		2.546	3.059	3.091	3.191	3.183	3.164	3.008	3.034	7.45
86) TP	1,4-Dichlorobu		0.537	0.537	0.530	0.528	0.520	0.519	0.521	0.528	1.47
87) TP	1,1,2,2-Tetrac		0.357	0.380	0.381	0.395	0.407	0.417	0.429	0.395	6.25
88) TP	4-Ethyltoluene		2.050	2.435	2.566	2.674	2.679	2.689	2.606	2.528	9.05
89) TP	2-Chlorotoluene		1.506	1.698	1.776	1.770	1.723	1.740	1.809	1.718	5.84
90) TP	1,3,5-Trimethy		1.759	2.076	2.144	2.229	2.206	2.215	2.172	2.115	7.80
91) TP	1,2,3-Trichlor		0.357	0.325	0.324	0.329	0.332	0.330	0.333	0.333	3.37
92) TP	trans-1,4-Dich		0.079	0.092	0.084	0.092	0.098	0.096	0.093	0.091	7.18
93) TP	4-Chlorotoluene		1.646	1.785	1.821	1.856	1.830	1.860	1.872	1.810	4.31
94) TP	tert-Butylbenzene		1.523	1.845	1.889	1.951	1.963	1.973	1.971	1.874	8.64
97) TP	1,2,4-Trimethy		1.777	2.006	2.088	2.174	2.156	2.172	2.120	2.070	6.87
98) TP	sec-Butylbenzene		2.197	2.672	2.706	2.785	2.773	2.748	2.596	2.640	7.79
99) TP	p-Isopropyltol		1.845	2.201	2.317	2.406	2.431	2.411	2.301	2.273	9.03
100) TP	1,3-Dichlorobe		1.031	1.149	1.173	1.213	1.192	1.200	1.219	1.168	5.57
101) TP	1,4-Dichlorobe		1.094	1.174	1.166	1.193	1.187	1.194	1.210	1.174	3.24
102) TP	p-Diethylbenzene		1.026	1.190	1.309	1.395	1.418	1.442	1.459	1.320	12.09
103) TP	n-Butylbenzene		1.595	1.941	1.946	2.039	2.018	2.021	1.971	1.933	7.96
104) TP	1,2-Dichlorobe		0.940	1.015	1.034	1.059	1.046	1.057	1.066	1.031	4.22
105) TP	1,2,4,5-Tetram		1.511	1.737	1.878	2.014	2.071	2.102	2.027	1.906	11.27
106) TP	1,2-Dibromo-3-		0.039	0.042	0.049	0.055	0.059	0.061	0.063	0.052	18.16
107) TP	1,3,5-Trichlor		0.659	0.724	0.757	0.797	0.814	0.826	0.855	0.776	8.71
108) TP	Hexachlorobuta		0.221	0.299	0.292	0.314	0.328	0.341	0.361	0.308	14.69
109) TP	1,2,4-Trichlor		0.581	0.602	0.605	0.644	0.668	0.684	0.706	0.642	7.32
110) TP	Naphthalene		0.979	1.024	1.004	1.060	1.107	1.138	1.136	1.064	6.07
111) TP	1,2,3-Trichlor		0.464	0.460	0.457	0.489	0.508	0.524	0.530	0.490	6.26

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627		
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: VOA105	**Calibration Date**	: 03/19/20 18:03		
Lab File ID	: V05200319N01	**Init. Calib. Date(s)**	: 03/13/20	03/14/20	
Sample No	: WG1353437-2	**Init. Calib. Times**	: 20:45	00:13	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	76	0
Dichlorodifluoromethane	0.211	0.2	-	5.2	20	70	0
Chloromethane	0.205	0.194	-	5.4	20	73	0
Vinyl chloride	0.257	0.266	-	-3.5	20	79	0
Bromomethane	0.141	0.076*	-	46.1*	20	45	0
Chloroethane	0.127	0.149	-	-17.3	20	85	-.01
Trichlorofluoromethane	0.369	0.41	-	-11.1	20	81	-.01
Ethyl ether	0.099	0.108	-	-9.1	20	85	0
1,1-Dichloroethene	0.191	0.181	-	5.2	20	74	-.01
Carbon disulfide	0.524	0.477	-	9	20	73	0
Freon-113	0.189	0.192	-	-1.6	20	75	0
Iodomethane	0.288	0.138	-	52.1*	20	37	-.02
Acrolein	0.017	0.015*	-	11.8	20	77	0
Methylene chloride	0.211	0.21	-	0.5	20	80	0
Acetone	10	10.612	-	-6.1	20	80	0
trans-1,2-Dichloroethene	0.215	0.205	-	4.7	20	75	0
Methyl acetate	0.084	0.089*	-	-6	20	90	0
Methyl tert-butyl ether	0.463	0.445	-	3.9	20	75	-.01
tert-Butyl alcohol	0.00816	0.00774*	-	5.1	20	74	0
Diisopropyl ether	0.578	0.64	-	-10.7	20	86	-.02
1,1-Dichloroethane	0.379	0.397	-	-4.7	20	81	-.01
Halothane	0.166	0.156	-	6	20	71	-.01
Acrylonitrile	0.036	0.039*	-	-8.3	20	86	-.02
Ethyl tert-butyl ether	0.531	0.519	-	2.3	20	76	0
Vinyl acetate	0.3	0.376	-	-25.3*	20	106	0
cis-1,2-Dichloroethene	0.233	0.232	-	0.4	20	78	0
2,2-Dichloropropane	0.333	0.285	-	14.4	20	66	-.02
Bromochloromethane	0.105	0.102	-	2.9	20	74	-.02
Cyclohexane	0.334	0.365	-	-9.3	20	81	0
Chloroform	0.383	0.393	-	-2.6	20	78	0
Ethyl acetate	0.104	0.117	-	-12.5	20	88	0
Carbon tetrachloride	0.344	0.304	-	11.6	20	69	-.01
Tetrahydrofuran	10	12.369	-	-23.7*	20	93	-.02
Dibromofluoromethane	0.268	0.264	-	1.5	20	76	0
1,1,1-Trichloroethane	0.367	0.354	-	3.5	20	72	-.02
2-Butanone	0.044	0.052*	-	-18.2	20	90	-.02
1,1-Dichloropropene	0.305	0.311	-	-2	20	77	0
Benzene	0.87	0.885	-	-1.7	20	78	-.01
tert-Amyl methyl ether	0.49	0.427	-	12.9	20	68	0
1,2-Dichloroethane-d4	0.287	0.325	-	-13.2	20	84	0
1,2-Dichloroethane	0.258	0.287	-	-11.2	20	85	-.02
Methyl cyclohexane	0.382	0.386	-	-1	20	76	0
Trichloroethene	0.247	0.226	-	8.5	20	76	-.02

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627		
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: VOA105	**Calibration Date**	: 03/19/20 18:03		
Lab File ID	: V05200319N01	**Init. Calib. Date(s)**	: 03/13/20	03/14/20	
Sample No	: WG1353437-2	**Init. Calib. Times**	: 20:45	00:13	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.118	0.117	-	0.8	20	77	-.02
1,2-Dichloropropane	0.206	0.218	-	-5.8	20	81	-.02
2-Chloroethyl vinyl ether	0.103	0.1	-	2.9	20	73	-.02
Bromodichloromethane	0.289	0.273	-	5.5	20	74	0
1,4-Dioxane	0.00105	0.00135*	-	-28.6*	20	94	-.01
cis-1,3-Dichloropropene	0.341	0.308	-	9.7	20	71	-.02
Chlorobenzene-d5	1	1	-	0	20	79	-.01
Toluene-d8	1.265	1.305	-	-3.2	20	79	-.02
Toluene	0.72	0.701	-	2.6	20	76	-.02
4-Methyl-2-pentanone	0.053	0.052*	-	1.9	20	76	0
Tetrachloroethene	0.343	0.308	-	10.2	20	69	0
trans-1,3-Dichloropropene	0.35	0.312	-	10.9	20	69	0
Ethyl methacrylate	0.249	0.242	-	2.8	20	76	0
1,1,2-Trichloroethane	0.164	0.177	-	-7.9	20	82	0
Chlorodibromomethane	0.262	0.227	-	13.4	20	69	-.02
1,3-Dichloropropane	0.367	0.405	-	-10.4	20	82	0
1,2-Dibromoethane	0.192	0.191	-	0.5	20	75	-.01
2-Hexanone	0.09	0.087*	-	3.3	20	78	-.01
Chlorobenzene	0.771	0.748	-	3	20	76	-.02
Ethylbenzene	1.362	1.36	-	0.1	20	77	-.02
1,1,1,2-Tetrachloroethane	0.261	0.237	-	9.2	20	69	0
p/m Xylene	0.537	0.519	-	3.4	20	74	-.02
o Xylene	0.517	0.497	-	3.9	20	75	-.02
Styrene	0.803	0.811	-	-1	20	75	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	78	-.01
Bromoform	0.26	0.2	-	23.1*	20	61	0
Isopropylbenzene	2.657	2.541	-	4.4	20	74	-.01
4-Bromofluorobenzene	0.941	0.946	-	-0.5	20	80	-.01
Bromobenzene	0.638	0.576	-	9.7	20	72	0
n-Propylbenzene	3.034	3.051	-	-0.6	20	77	-.01
1,4-Dichlorobutane	0.528	0.59	-	-11.7	20	87	0
1,1,2,2-Tetrachloroethane	0.395	0.409	-	-3.5	20	84	0
4-Ethyltoluene	2.528	2.477	-	2	20	75	0
2-Chlorotoluene	1.718	1.691	-	1.6	20	74	0
1,3,5-Trimethylbenzene	2.115	2.052	-	3	20	75	0
1,2,3-Trichloropropane	0.333	0.366	-	-9.9	20	88	0
trans-1,4-Dichloro-2-buten	0.091	0.064	-	29.7*	20	60	0
4-Chlorotoluene	1.81	1.815	-	-0.3	20	78	0
tert-Butylbenzene	1.874	1.739	-	7.2	20	72	0
1,2,4-Trimethylbenzene	2.07	1.997	-	3.5	20	75	0
sec-Butylbenzene	2.64	2.604	-	1.4	20	75	0
p-Isopropyltoluene	2.273	2.174	-	4.4	20	73	0
1,3-Dichlorobenzene	1.168	1.098	-	6	20	73	-.02

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627		
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: VOA105	**Calibration Date**	: 03/19/20 18:03		
Lab File ID	: V05200319N01	**Init. Calib. Date(s)**	: 03/13/20	03/14/20	
Sample No	: WG1353437-2	**Init. Calib. Times**	: 20:45	00:13	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene	1.174	1.129	-	3.8	20	76	0
p-Diethylbenzene	1.32	1.225	-	7.2	20	73	0
n-Butylbenzene	1.933	1.985	-	-2.7	20	80	0
1,2-Dichlorobenzene	1.031	0.966	-	6.3	20	73	0
1,2,4,5-Tetramethylbenzene	1.906	1.717	-	9.9	20	71	-.01
1,2-Dibromo-3-chloropropan	0.052	0.04*	-	23.1*	20	64	0
1,3,5-Trichlorobenzene	0.776	0.695	-	10.4	20	72	-.01
Hexachlorobutadiene	0.308	0.259	-	15.9	20	69	0
1,2,4-Trichlorobenzene	0.642	0.569	-	11.4	20	74	0
Naphthalene	1.064	0.993	-	6.7	20	77	0
1,2,3-Trichlorobenzene	0.49	0.447	-	8.8	20	76	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Lisko Environmental, LLC
Project Name: FORMER PISTOIA TIRE CO INC.

Lab Number: L2011627
Project Number: 0064-4
Matrix: Trip Blank (Aqueous)/Water/Field Blank

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-1 (L2011627-01)	111	103	101	95	0
MW-2 (L2011627-02)	108	104	100	97	0
MW-3 (L2011627-03)	109	104	100	97	0
MW-4 (L2011627-04)	111	103	99	96	0
FIELD BLANK (L2011627-05)	109	104	100	95	0
TRIP BLANK (L2011627-06)	109	104	100	95	0
WG1353437-3LCS	113	103	100	99	0
WG1353437-4LCSD	112	104	101	100	0
WG1353437-5BLANK	108	104	102	94	0
MW-02MS	113	104	102	100	0
MW-02MSD	112	103	103	100	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

FORM II NJ-8260

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Matrix	: WATER		
LCS Sample ID	: WG1353437-3 **Analysis Date** : 03/19/20 18:03	**File ID**	: V05200319N01
LCSD Sample ID	: WG1353437-4 **Analysis Date** : 03/19/20 18:26	**File ID**	: V05200319N02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dibromo-3-chloropropane	10	7.7	77	10	7.6	76	1	40-160	20
1,4-Dioxane	500	640	128	500	600	120	6	40-160	20
1,2-Dibromoethane	10	10	100	10	10	100	0	70-130	20
Methylene chloride	10	10	100	10	10	100	0	70-130	20
1,1-Dichloroethane	10	10	100	10	11	110	10	70-130	20
Chloroform	10	10	100	10	10	100	0	70-130	20
Carbon tetrachloride	10	8.8	88	10	9.0	90	2	70-130	20
1,2-Dichloropropane	10	10	100	10	11	110	10	70-130	20
Dibromochloromethane	10	8.6	86	10	8.7	87	1	70-130	20
1,1,2-Trichloroethane	10	11	110	10	11	110	0	70-130	20
Tetrachloroethene	10	9.0	90	10	9.6	96	6	70-130	20
Chlorobenzene	10	9.7	97	10	10	100	3	70-130	20
Trichlorofluoromethane	10	11	110	10	11	110	0	40-160	20
1,2-Dichloroethane	10	11	110	10	11	110	0	70-130	20
1,1,1-Trichloroethane	10	9.6	96	10	10	100	4	70-130	20
Bromodichloromethane	10	9.4	94	10	9.6	96	2	70-130	20
trans-1,3-Dichloropropene	10	8.9	89	10	9.1	91	2	70-130	20
cis-1,3-Dichloropropene	10	9.0	90	10	9.2	92	2	70-130	20
Bromoform	10	7.7	77	10	7.4	74	4	40-160	20
1,1,2,2-Tetrachloroethane	10	10	100	10	10	100	0	40-160	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	9.7	97	10	10	100	3	70-130	20
Ethylbenzene	10	10	100	10	10	100	0	70-130	20
Chloromethane	10	9.5	95	10	9.9	99	4	40-160	20
Bromomethane	10	5.4	54	10	6.2	62	14	40-160	20
Vinyl chloride	10	10	100	10	11	110	10	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Matrix	: WATER		
LCS Sample ID	: WG1353437-3	**Analysis Date** : 03/19/20 18:03	**File ID** : V05200319N01
LCSD Sample ID	: WG1353437-4	**Analysis Date** : 03/19/20 18:26	**File ID** : V05200319N02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Chloroethane	10	12	120	10	12	120	0	40-160	20
1,1-Dichloroethene	10	9.4	94	10	9.7	97	3	70-130	20
trans-1,2-Dichloroethene	10	9.5	95	10	9.9	99	4	70-130	20
Trichloroethene	10	9.1	91	10	9.3	93	2	70-130	20
1,2-Dichlorobenzene	10	9.4	94	10	9.5	95	1	70-130	20
1,3-Dichlorobenzene	10	9.4	94	10	9.6	96	2	70-130	20
1,4-Dichlorobenzene	10	9.6	96	10	9.7	97	1	70-130	20
Methyl tert butyl ether	10	9.6	96	10	9.6	96	0	70-130	20
p/m-Xylene	20	19	95	20	20	100	5	70-130	20
o-Xylene	20	19	95	20	20	100	5	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20
Styrene	20	20	100	20	21	105	5	40-160	20
Dichlorodifluoromethane	10	9.5	95	10	9.6	96	1	40-160	20
Acetone	10	11	110	10	10	100	10	40-160	20
Carbon disulfide	10	9.1	91	10	9.4	94	3	40-160	20
2-Butanone	10	12	120	10	12	120	0	40-160	20
4-Methyl-2-pentanone	10	9.7	97	10	10	100	3	40-160	20
2-Hexanone	10	9.7	97	10	9.6	96	1	40-160	20
Bromochloromethane	10	9.7	97	10	9.5	95	2	70-130	20
Isopropylbenzene	10	9.6	96	10	9.9	99	3	70-130	20
1,2,3-Trichlorobenzene	10	9.1	91	10	9.0	90	1	70-130	20
1,2,4-Trichlorobenzene	10	8.9	89	10	8.9	89	0	70-130	20
Methyl Acetate	10	11	110	10	10	100	10	70-130	20
Cyclohexane	10	11	110	10	11	110	0	70-130	20
Methyl cyclohexane	10	10	100	10	10	100	0	70-130	20
Freon-113	10	10	100	10	10	100	0	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: VOA105	**Analysis Date**	: 03/19/20 18:03
Sample No	: WG1353437-2	**Lab File ID**	: V05200319N01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1353437-2	543455	6.04	431235	9.56	226609	12.25
Upper Limit	1086910	6.54	862470	10.06	453218	12.75
Lower Limit	271728	5.54	215618	9.06	113305	11.75
Sample ID						
WG1353437-3 LCS	543455	6.04	431235	9.56	226609	12.25
WG1353437-4 LCSD	540959	6.04	423817	9.56	224754	12.25
WG1353437-5 BLANK	522566	6.04	406273	9.56	203732	12.25
FIELD BLANK	493733	6.04	387673	9.56	195137	12.26
TRIP BLANK	492334	6.04	383222	9.56	194193	12.25
MW-2	476560	6.04	376048	9.56	187759	12.25
MW-3	474309	6.04	372633	9.56	189722	12.25
MW-1	492553	6.04	389599	9.56	193850	12.25
MW-4	469423	6.04	370906	9.56	188414	12.25
MW-02 MS	548640	6.04	442777	9.56	232219	12.25
MW-02 MSD	558358	6.04	447331	9.56	235575	12.25

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N07.d
Acq On : 19 Mar 2020 8:22 pm
Operator : VOA105:NLK
Sample : 12011627-05,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 20 10:58:26 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\200319N\V05200319N01.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.036	96	493733	10.000	ug/L	0.00
Standard Area 1 = 543455			Recovery = 90.85%			
59) Chlorobenzene-d5	9.559	117	387673	10.000	ug/L	-0.01
Standard Area 1 = 431235			Recovery = 89.90%			
79) 1,4-Dichlorobenzene-d4	12.262	152	195137	10.000	ug/L	0.00
Standard Area 1 = 226609			Recovery = 86.11%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.234	113	126123	9.543	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.43%			
43) 1,2-Dichloroethane-d4	5.763	65	154624	10.916	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.16%			
60) Toluene-d8	7.719	98	508256	10.362	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.62%			
83) 4-Bromofluorobenzene	11.048	95	183356	9.986	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.251	94	439	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.014	76	1070	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.552	84	712	N.D.		
17) Acetone	3.611	43	537	Below Cal #		47
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N07.d
Acq On : 19 Mar 2020 8:22 pm
Operator : VOA105:NLK
Sample : 12011627-05,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 20 10:58:26 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\200319N\V05200319N01.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0		N.D.	
39)	2-Butanone	0.000		0		N.D.	
41)	Benzene	5.616	78	95		N.D.	
44)	1,2-Dichloroethane	0.000		0		N.D.	
47)	Methyl cyclohexane	0.000		0		N.D.	
48)	Trichloroethene	6.203	95	92		N.D.	
51)	1,2-Dichloropropane	0.000		0		N.D.	
54)	Bromodichloromethane	0.000		0		N.D.	
57)	1,4-Dioxane	0.000		0		N.D.	
58)	cis-1,3-Dichloropropene	0.000		0		N.D.	
61)	Toluene	0.000		0		N.D.	
62)	4-Methyl-2-pentanone	0.000		0		N.D.	
63)	Tetrachloroethene	0.000		0		N.D.	
65)	trans-1,3-Dichloropropene	0.000		0		N.D.	
68)	1,1,2-Trichloroethane	0.000		0		N.D.	
69)	Chlorodibromomethane	0.000		0		N.D.	
71)	1,2-Dibromoethane	0.000		0		N.D.	
72)	2-Hexanone	0.000		0		N.D.	
73)	Chlorobenzene	0.000		0		N.D.	
74)	Ethylbenzene	9.559	91	769		N.D.	
76)	p/m Xylene	0.000		0		N.D.	
77)	o Xylene	0.000		0		N.D.	
78)	Styrene	0.000		0		N.D.	
80)	Bromoform	0.000		0		N.D.	
82)	Isopropylbenzene	0.000		0		N.D.	
87)	1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
100)	1,3-Dichlorobenzene	12.272	146	123		N.D.	
101)	1,4-Dichlorobenzene	12.272	146	123		N.D.	
104)	1,2-Dichlorobenzene	0.000		0		N.D.	
106)	1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
109)	1,2,4-Trichlorobenzene	14.104	180	201		N.D.	
111)	1,2,3-Trichlorobenzene	14.565	180	278		N.D.	

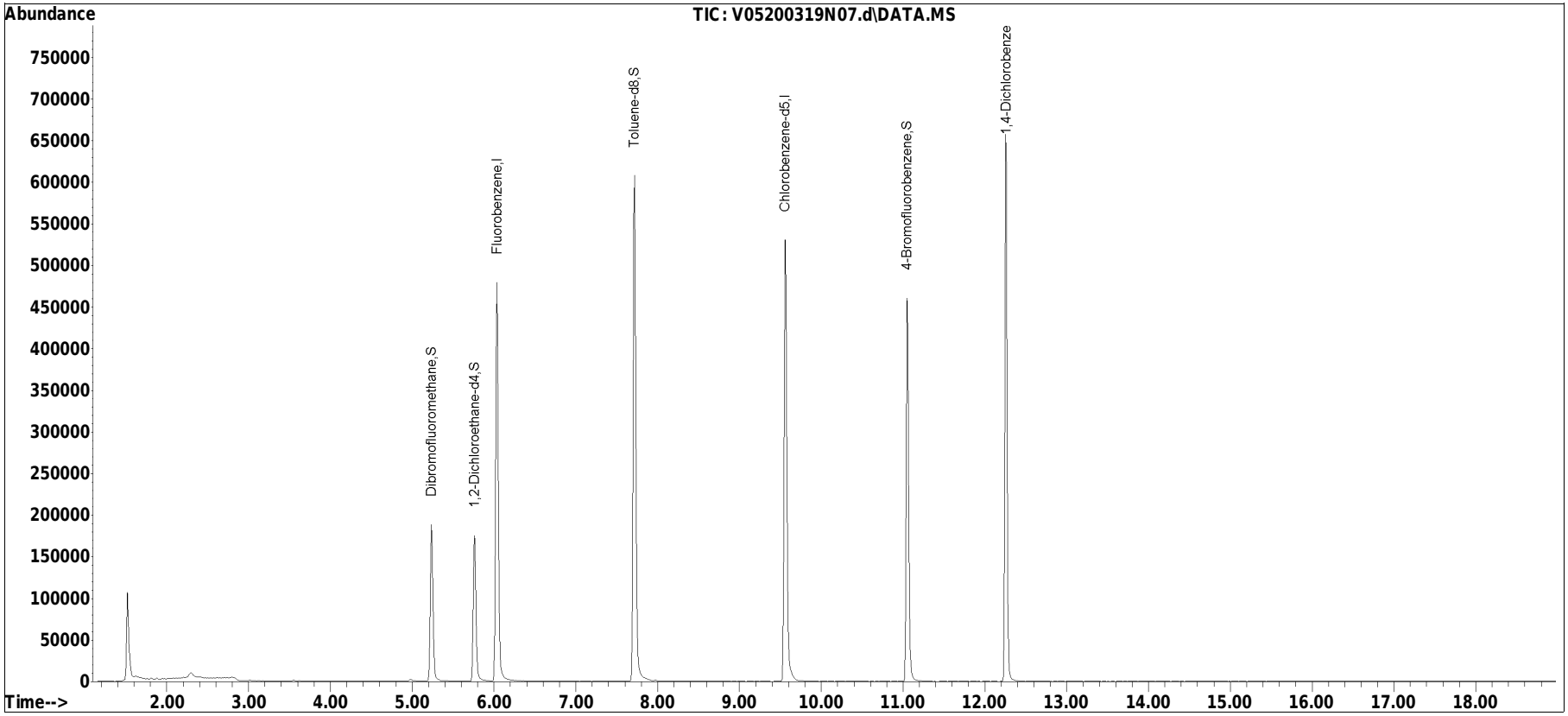
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N07.d
Acq On : 19 Mar 2020 8:22 pm
Operator : VOA105:NLK
Sample : 12011627-05,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 20 10:58:26 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0319N01.d•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_200313N_8260.m
Data File	: V05200319N07.d	Operator	: VOA105:NLK
Date Inj'd	: 3/19/2020 8:22 pm	Instrument	: VOA 105
Sample	: l2011627-05,31,10,10,,a	Quant Date	: 3/20/2020 10:52 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N07.d
Acq On : 19 Mar 2020 8:22 pm
Operator : VOA105:NLK
Sample : 12011627-05,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05200319N07.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.234	418	424	447	rBV	188384	431976	30.93%	6.432%
2	5.763	472	478	500	rBV	175362	414466	29.68%	6.171%
3	6.036	500	506	528	rBV	479079	1088889	77.97%	16.212%
4	7.719	670	678	700	rBV	607940	1396562	100.00%	20.793%
5	9.559	854	864	888	rBV	531066	1225476	87.75%	18.246%
6	11.048	1011	1016	1036	rBV	460663	936847	67.08%	13.949%
7	12.253	1130	1139	1159	rBV	657258	1222239	87.52%	18.198%

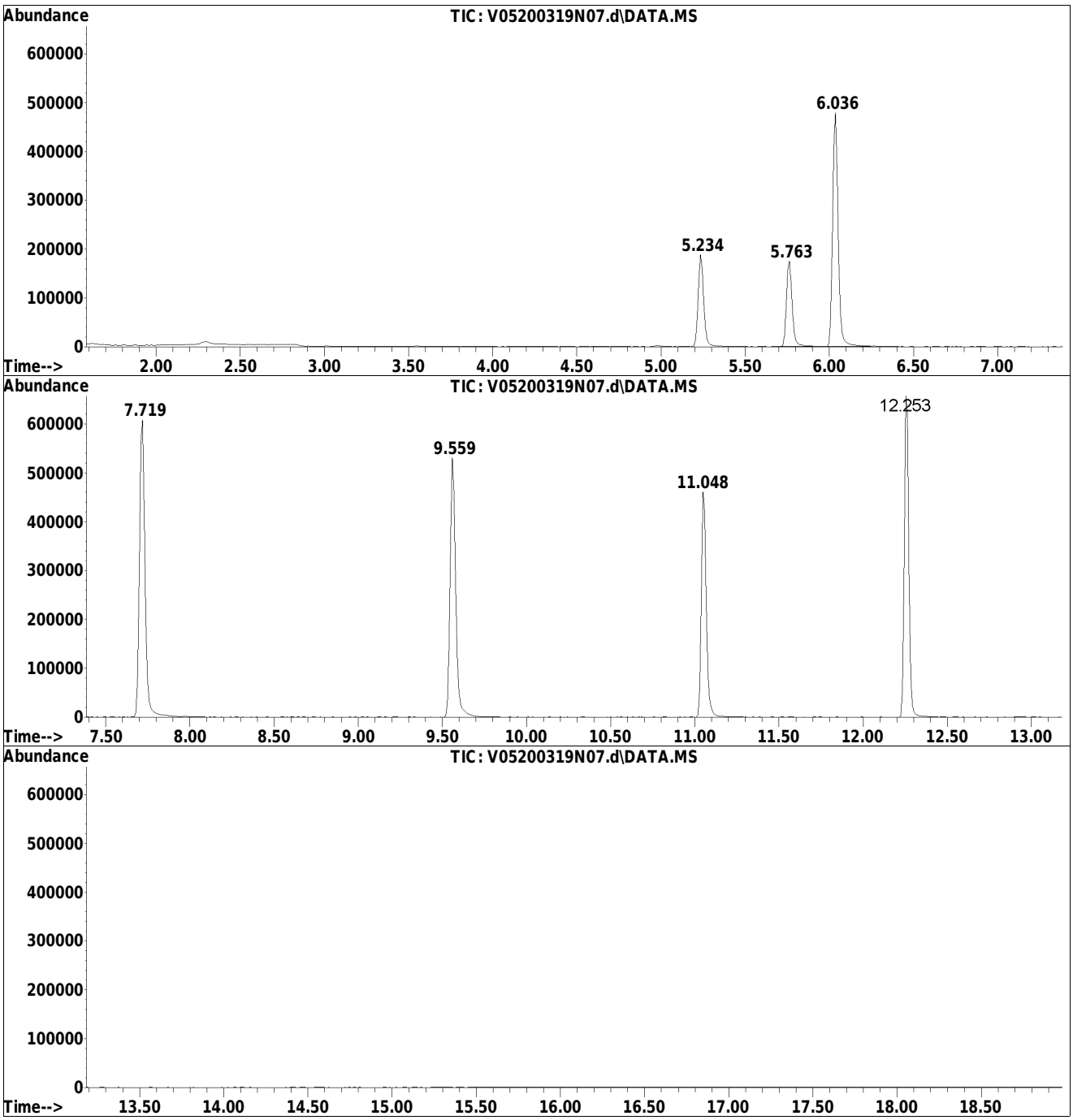
Sum of corrected areas: 6716455

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N07.d
Acq On : 19 Mar 2020 8:22 pm
Operator : VOA105:NLK
Sample : 12011627-05,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N07.d
Acq On : 19 Mar 2020 8:22 pm
Operator : VOA105:NLK
Sample : l2011627-05,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N07.d
Acq On : 19 Mar 2020 8:22 pm
Operator : VOA105:NLK
Sample : 12011627-05,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 7 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N08.d
Acq On : 19 Mar 2020 8:45 pm
Operator : VOA105:NLK
Sample : 12011627-06,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 20 10:58:54 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\200319N\V05200319N01.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.036	96	492334	10.000	ug/L	0.00
Standard Area 1 = 543455			Recovery =	90.59%		
59) Chlorobenzene-d5	9.559	117	383222	10.000	ug/L	-0.01
Standard Area 1 = 431235			Recovery =	88.87%		
79) 1,4-Dichlorobenzene-d4	12.253	152	194193	10.000	ug/L	-0.01
Standard Area 1 = 226609			Recovery =	85.70%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.234	113	124917	9.478	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	94.78%		
43) 1,2-Dichloroethane-d4	5.763	65	154150	10.913	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	109.13%		
60) Toluene-d8	7.719	98	503528	10.385	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.85%		
83) 4-Bromofluorobenzene	11.048	95	181817	9.950	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.50%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.251	94	592	0.085	ug/L #	53
6) Chloroethane	2.378	64	88	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.014	76	930	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.621	43	474	Below Cal #		47
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N08.d
Acq On : 19 Mar 2020 8:45 pm
Operator : VOA105:NLK
Sample : 12011627-06,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 20 10:58:54 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\200319N\V05200319N01.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0	N.D.		
39)	2-Butanone	0.000		0	N.D.		
41)	Benzene	5.616	78	541	N.D.		
44)	1,2-Dichloroethane	0.000		0	N.D.		
47)	Methyl cyclohexane	0.000		0	N.D.		
48)	Trichloroethene	6.212	95	224	N.D.		
51)	1,2-Dichloropropane	0.000		0	N.D.		
54)	Bromodichloromethane	0.000		0	N.D.		
57)	1,4-Dioxane	0.000		0	N.D.		
58)	cis-1,3-Dichloropropene	0.000		0	N.D.		
61)	Toluene	7.787	92	326	N.D.		
62)	4-Methyl-2-pentanone	0.000		0	N.D.		
63)	Tetrachloroethene	0.000		0	N.D.		
65)	trans-1,3-Dichloropropene	0.000		0	N.D.		
68)	1,1,2-Trichloroethane	0.000		0	N.D.		
69)	Chlorodibromomethane	0.000		0	N.D.		
71)	1,2-Dibromoethane	0.000		0	N.D.		
72)	2-Hexanone	0.000		0	N.D.		
73)	Chlorobenzene	0.000		0	N.D.		
74)	Ethylbenzene	9.618	91	92	N.D.		
76)	p/m Xylene	0.000		0	N.D.		
77)	o Xylene	0.000		0	N.D.		
78)	Styrene	0.000		0	N.D.		
80)	Bromoform	0.000		0	N.D.		
82)	Isopropylbenzene	0.000		0	N.D.		
87)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100)	1,3-Dichlorobenzene	12.272	146	98	N.D.		
101)	1,4-Dichlorobenzene	12.272	146	98	N.D.		
104)	1,2-Dichlorobenzene	0.000		0	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	14.114	180	93	N.D.		
111)	1,2,3-Trichlorobenzene	14.565	180	89	N.D.		

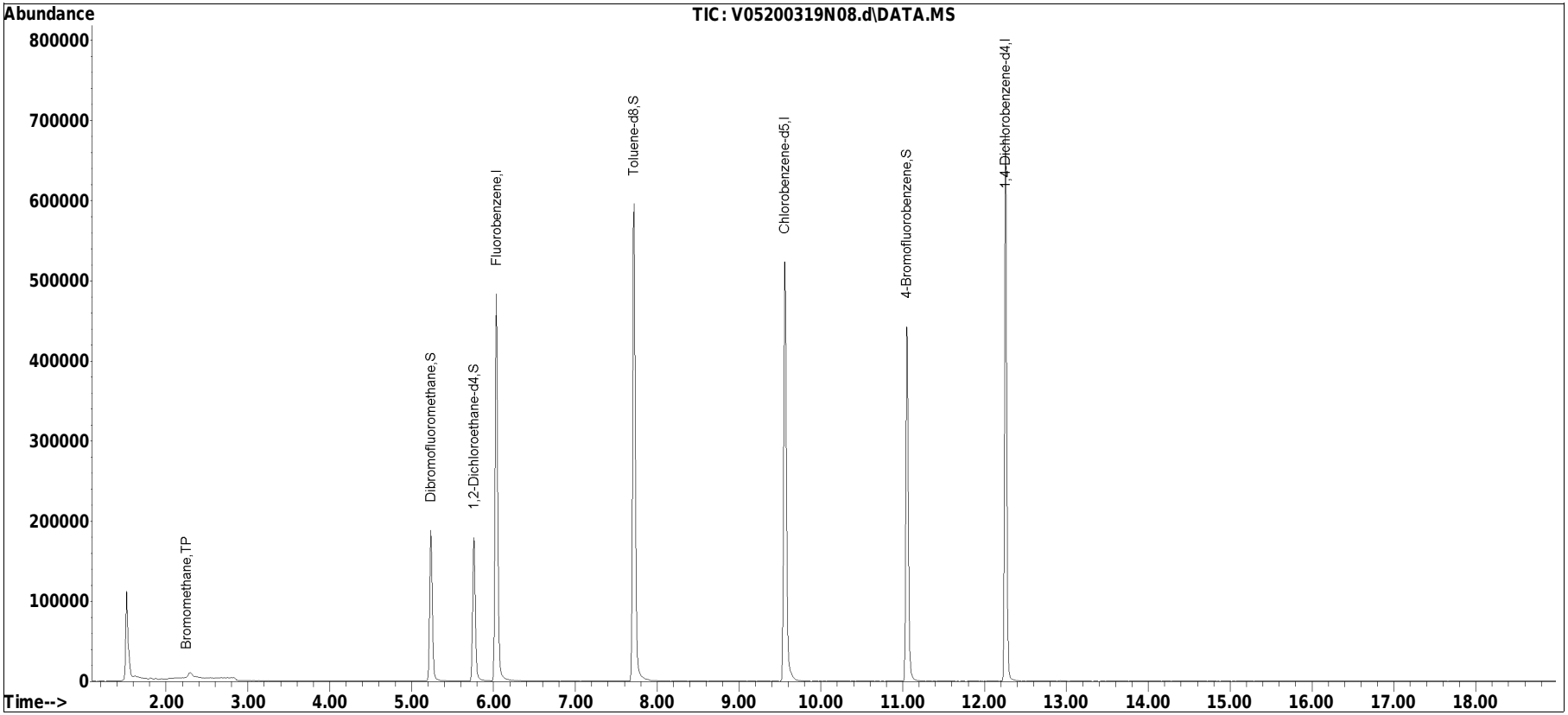
(#) = qualifier out of range (m) = manual integration (+) = signals summed

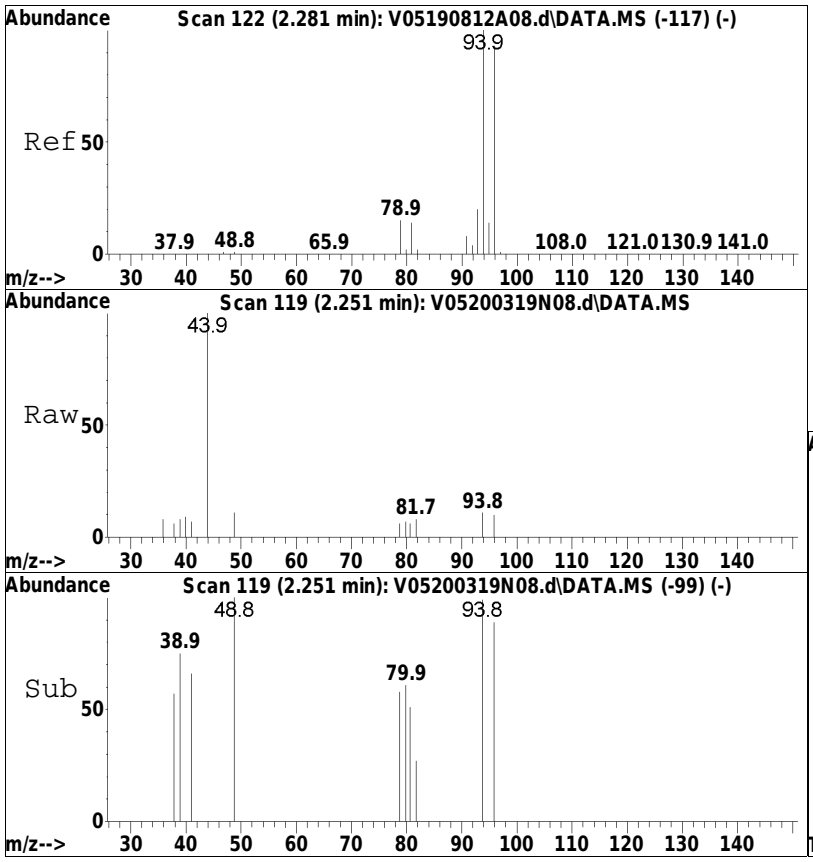
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N08.d
Acq On : 19 Mar 2020 8:45 pm
Operator : VOA105:NLK
Sample : 12011627-06,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 20 10:58:54 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0319N01.d•

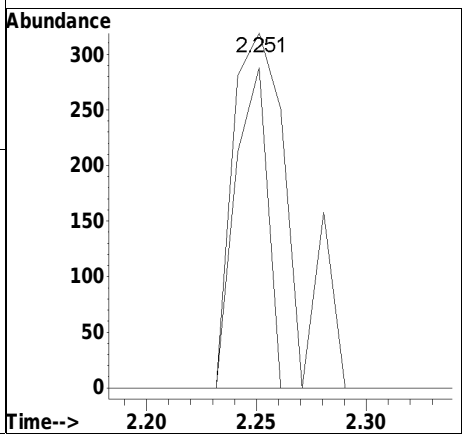




#5
Bromomethane
Concen: 0.09 ug/L
RT: 2.251 min Scan# 119
Delta R.T. 0.000 min
Lab File: V05200319N08.d
Acq: 19 Mar 2020 8:45 pm

Tgt Ion: 94 Resp: 592

Ion	Ratio	Lower	Upper
94	100		
96	49.5	75.4	115.4#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_200313N_8260.m
Data File	: V05200319N08.d	Operator	: VOA105:NLK
Date Inj'd	: 3/19/2020 8:45 pm	Instrument	: VOA 105
Sample	: 12011627-06,31,10,10,,a	Quant Date	: 3/20/2020 10:52 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N08.d
Acq On : 19 Mar 2020 8:45 pm
Operator : VOA105:NLK
Sample : 12011627-06,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05200319N08.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.234	416	424	448	rBV	188559	430572	31.06%	6.441%
2	5.763	472	478	492	rBV	179472	412474	29.76%	6.170%
3	6.036	500	506	529	rBV	482881	1080495	77.96%	16.163%
4	7.719	669	678	701	rBV	595762	1386043	100.00%	20.734%
5	9.559	857	864	885	rBV	523406	1217341	87.83%	18.210%
6	11.048	1011	1016	1035	rBV	443240	932165	67.25%	13.944%
7	12.253	1134	1139	1159	rVB	682413	1225772	88.44%	18.337%

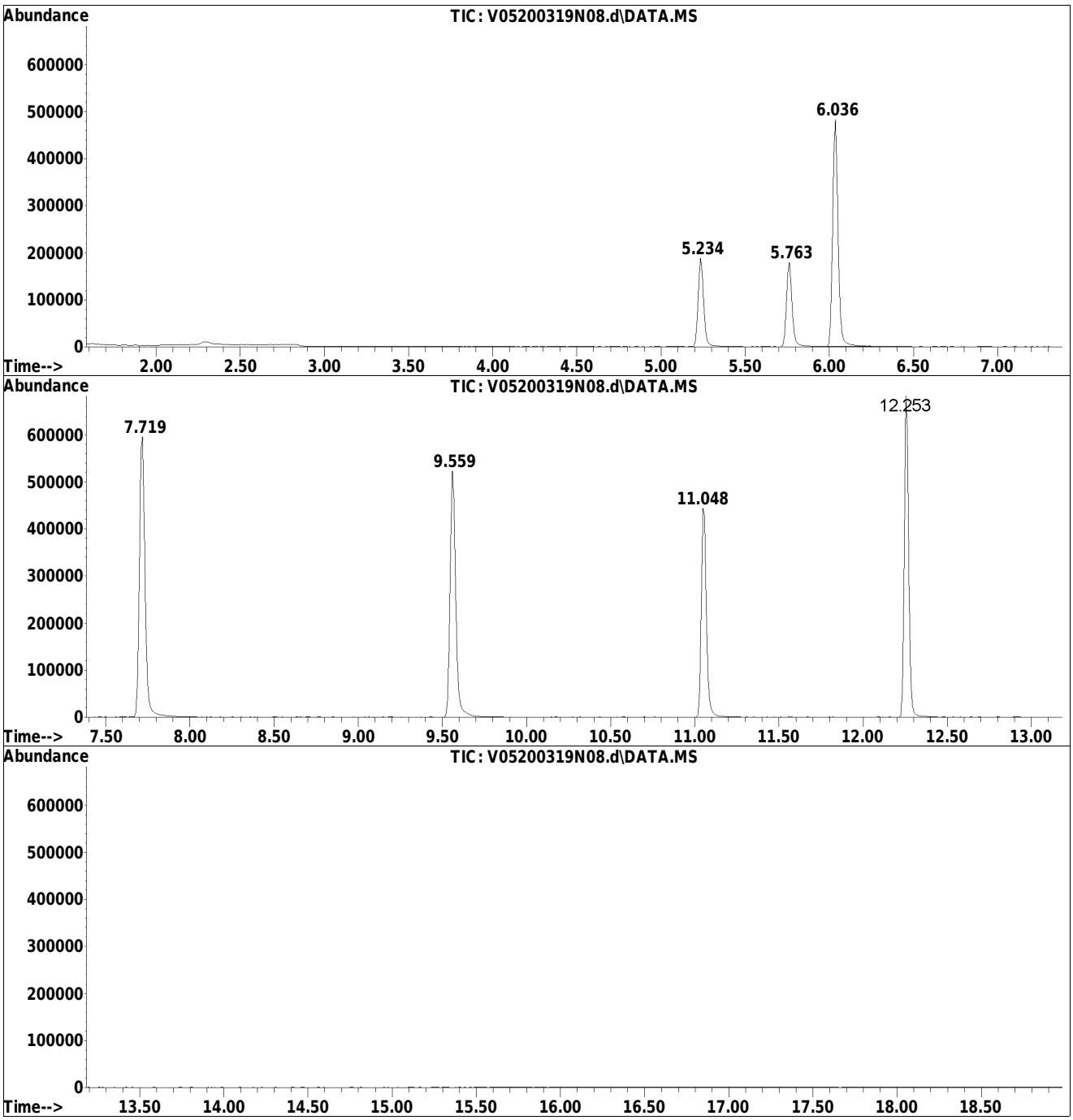
Sum of corrected areas: 6684862

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N08.d
Acq On : 19 Mar 2020 8:45 pm
Operator : VOA105:NLK
Sample : 12011627-06,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N08.d
Acq On : 19 Mar 2020 8:45 pm
Operator : VOA105:NLK
Sample : l2011627-06,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N08.d
Acq On : 19 Mar 2020 8:45 pm
Operator : VOA105:NLK
Sample : 12011627-06,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N09.d
Acq On : 19 Mar 2020 9:09 pm
Operator : VOA105:NLK
Sample : 12011627-02,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 20 10:59:19 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\200319N\V05200319N01.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.037	96	476560	10.000	ug/L	0.00
Standard Area 1 = 543455			Recovery =	87.69%		
59) Chlorobenzene-d5	9.559	117	376048	10.000	ug/L	-0.01
Standard Area 1 = 431235			Recovery =	87.20%		
79) 1,4-Dichlorobenzene-d4	12.253	152	187759	10.000	ug/L	-0.01
Standard Area 1 = 226609			Recovery =	82.86%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.234	113	123231	9.660	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.60%		
43) 1,2-Dichloroethane-d4	5.763	65	147466	10.786	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	107.86%		
60) Toluene-d8	7.719	98	492655	10.355	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.55%		
83) 4-Bromofluorobenzene	11.048	95	176311	9.979	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.79%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.860	50	96	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.251	94	528	0.078	ug/L	84
6) Chloroethane	2.281	64	97	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.014	76	1060	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.611	43	1450	Below Cal	#	65
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N09.d
Acq On : 19 Mar 2020 9:09 pm
Operator : VOA105:NLK
Sample : 12011627-02,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 20 10:59:19 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\200319N\V05200319N01.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	5.831	62	111		N.D.	
47) Methyl cyclohexane	0.000		0		N.D.	
48) Trichloroethene	6.203	95	515		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.559	91	618		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	12.272	146	100		N.D.	
101) 1,4-Dichlorobenzene	12.272	146	100		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
111) 1,2,3-Trichlorobenzene	14.565	180	189		N.D.	

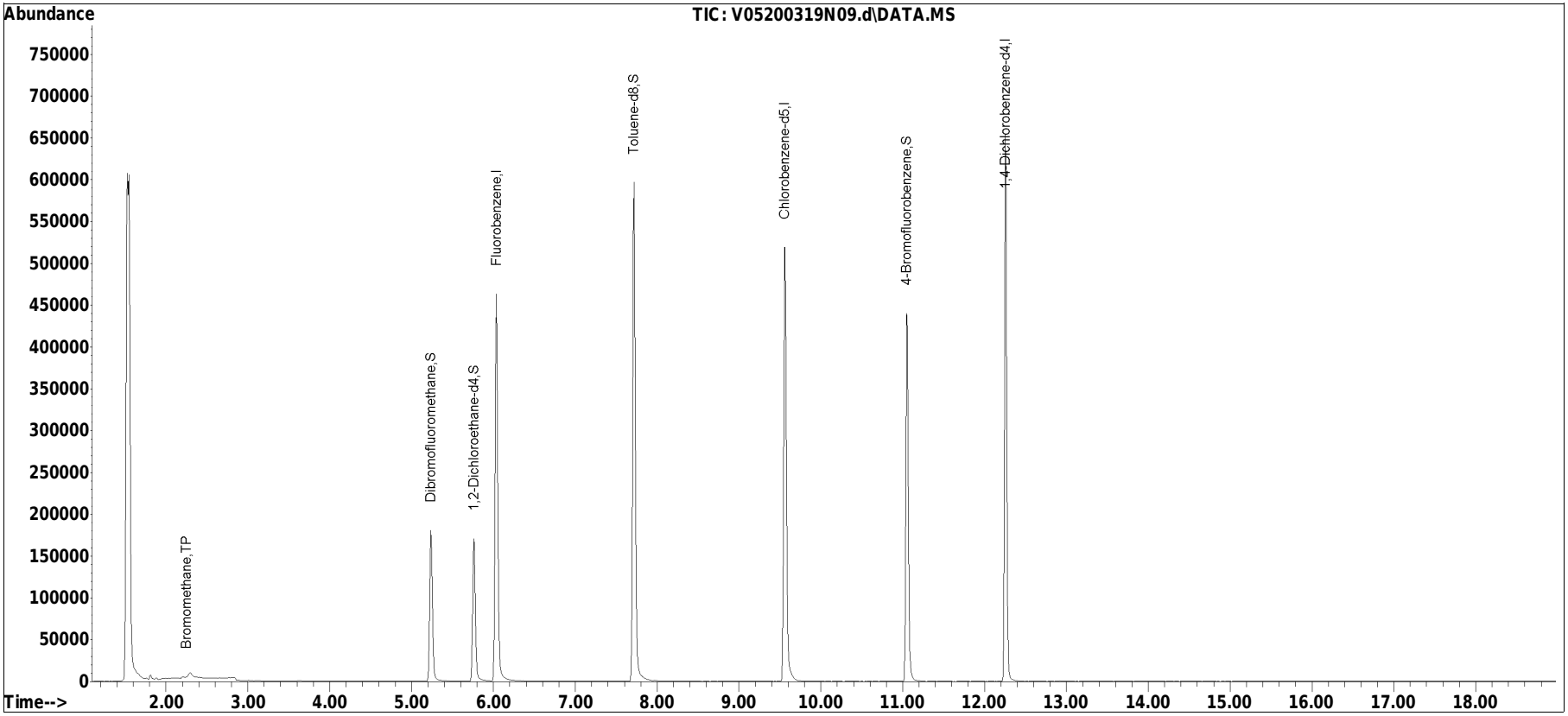
(#) = qualifier out of range (m) = manual integration (+) = signals summed

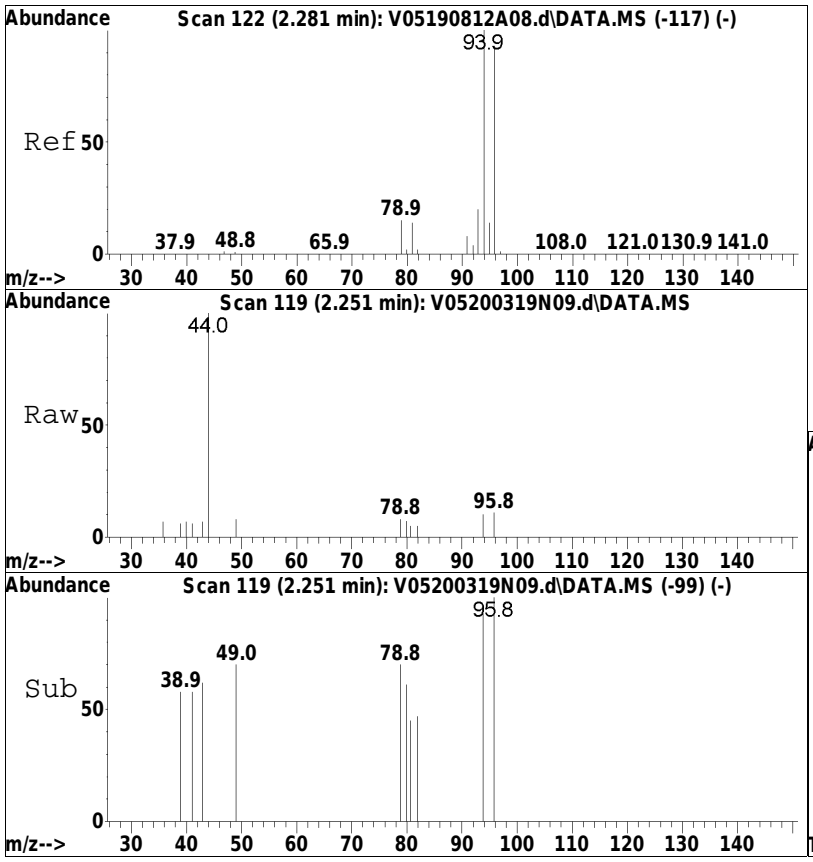
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N09.d
Acq On : 19 Mar 2020 9:09 pm
Operator : VOA105:NLK
Sample : 12011627-02,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 20 10:59:19 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0319N01.d•

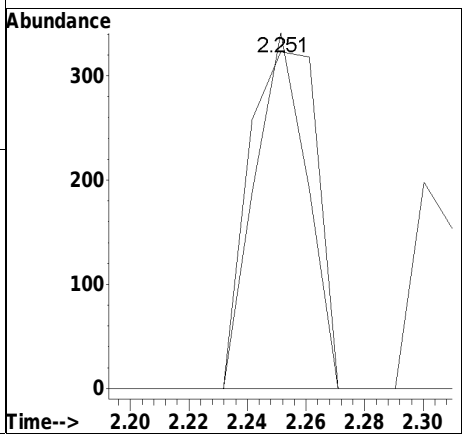




#5
Bromomethane
Concen: 0.08 ug/L
RT: 2.251 min Scan# 119
Delta R.T. 0.000 min
Lab File: V05200319N09.d
Acq: 19 Mar 2020 9:09 pm

Tgt Ion: 94 Resp: 528

Ion	Ratio	Lower	Upper
94	100		
96	80.1	75.4	115.4



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_200313N_8260.m
Data File	: V05200319N09.d	Operator	: VOA105:NLK
Date Inj'd	: 3/19/2020 9:09 pm	Instrument	: VOA 105
Sample	: 12011627-02,31,10,10,,a	Quant Date	: 3/20/2020 10:52 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N09.d
Acq On : 19 Mar 2020 9:09 pm
Operator : VOA105:NLK
Sample : 12011627-02,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05200319N09.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.234	417	424	442	rBV	180539	418524	31.01%	6.437%
2	5.763	471	478	500	rBV	170707	398924	29.55%	6.135%
3	6.037	500	506	538	rVV	463142	1054752	78.14%	16.222%
4	7.719	672	678	701	rBV	596372	1349828	100.00%	20.760%
5	9.559	857	864	887	rBV	518958	1188057	88.02%	18.272%
6	11.048	1010	1016	1030	rBV	440041	908733	67.32%	13.976%
7	12.253	1134	1139	1157	rBV	653594	1183225	87.66%	18.198%

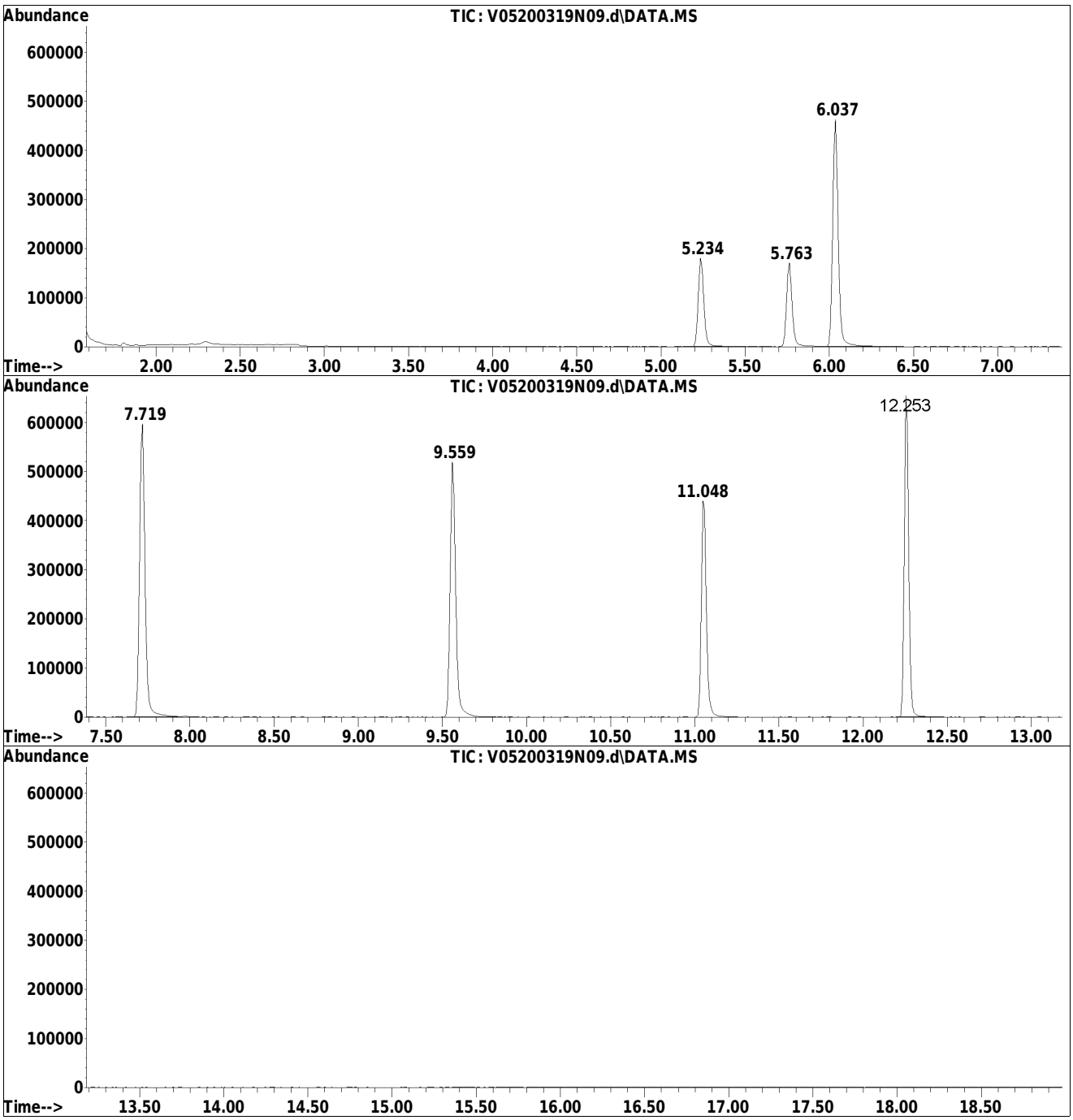
Sum of corrected areas: 6502043

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N09.d
Acq On : 19 Mar 2020 9:09 pm
Operator : VOA105:NLK
Sample : 12011627-02,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N09.d
Acq On : 19 Mar 2020 9:09 pm
Operator : VOA105:NLK
Sample : l2011627-02,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N09.d
Acq On : 19 Mar 2020 9:09 pm
Operator : VOA105:NLK
Sample : 12011627-02,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 9 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N10.d
Acq On : 19 Mar 2020 9:32 pm
Operator : VOA105:NLK
Sample : 12011627-03,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 20 11:00:06 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\200319N\V05200319N01.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.036	96	474309	10.000	ug/L	0.00
Standard Area 1 = 543455			Recovery = 87.28%			
59) Chlorobenzene-d5	9.559	117	372633	10.000	ug/L	-0.01
Standard Area 1 = 431235			Recovery = 86.41%			
79) 1,4-Dichlorobenzene-d4	12.253	152	189722	10.000	ug/L	-0.01
Standard Area 1 = 226609			Recovery = 83.72%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.234	113	122796	9.671	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.71%			
43) 1,2-Dichloroethane-d4	5.763	65	148174	10.889	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.89%			
60) Toluene-d8	7.719	98	489852	10.390	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.90%			
83) 4-Bromofluorobenzene	11.048	95	177866	9.963	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.63%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.251	94	477	0.071	ug/L #	73
6) Chloroethane	2.310	64	89	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.014	76	932	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.621	43	835	Below Cal #		47
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	5.049	56	462	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N10.d
Acq On : 19 Mar 2020 9:32 pm
Operator : VOA105:NLK
Sample : 12011627-03,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 20 11:00:06 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\200319N\V05200319N01.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	5.362	43	92	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
47) Methyl cyclohexane	6.193	83	2591	0.143	ug/L #	33
48) Trichloroethene	6.232	95	390	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.618	91	93	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.725	105	12391	0.246	ug/L	99
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.104	180	109	N.D.		
111) 1,2,3-Trichlorobenzene	14.565	180	143	N.D.		

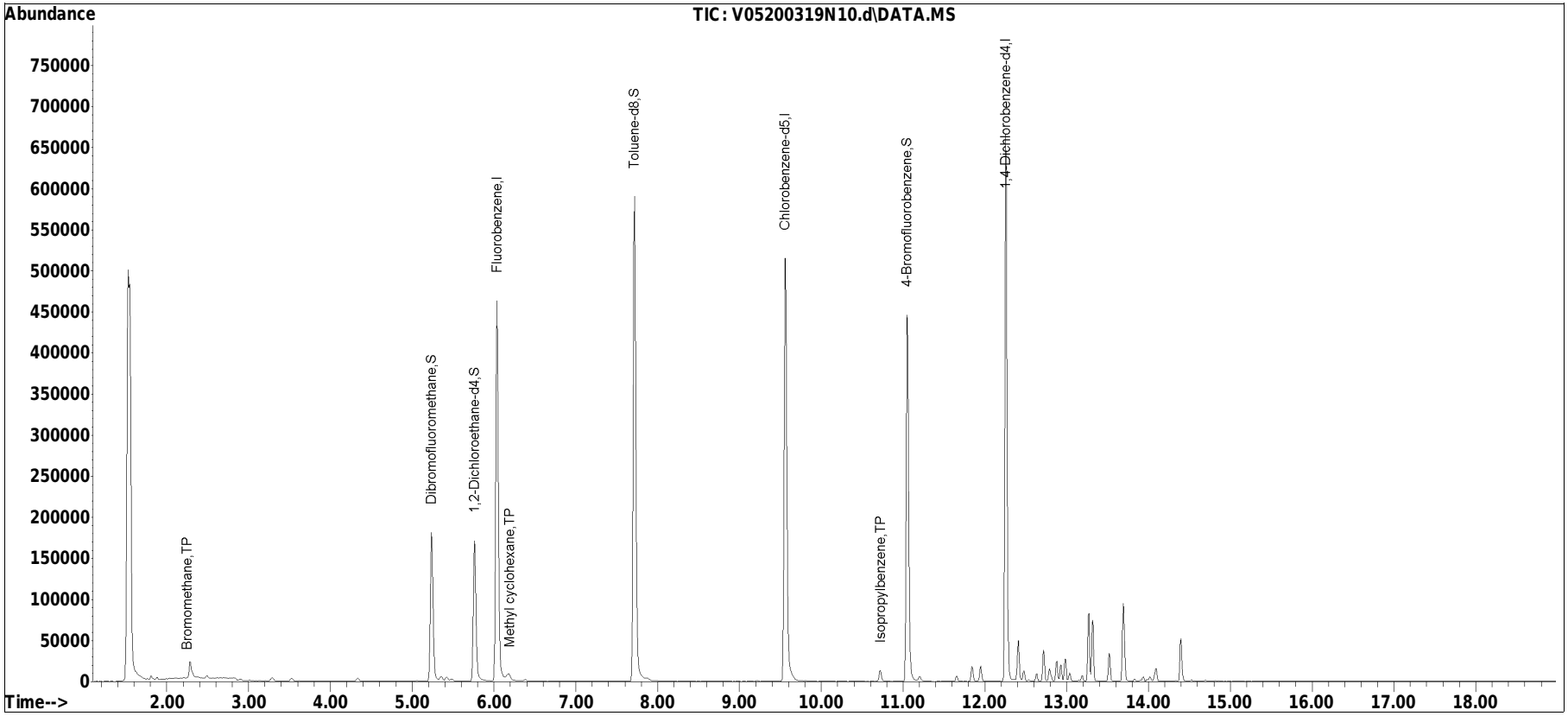
(#) = qualifier out of range (m) = manual integration (+) = signals summed

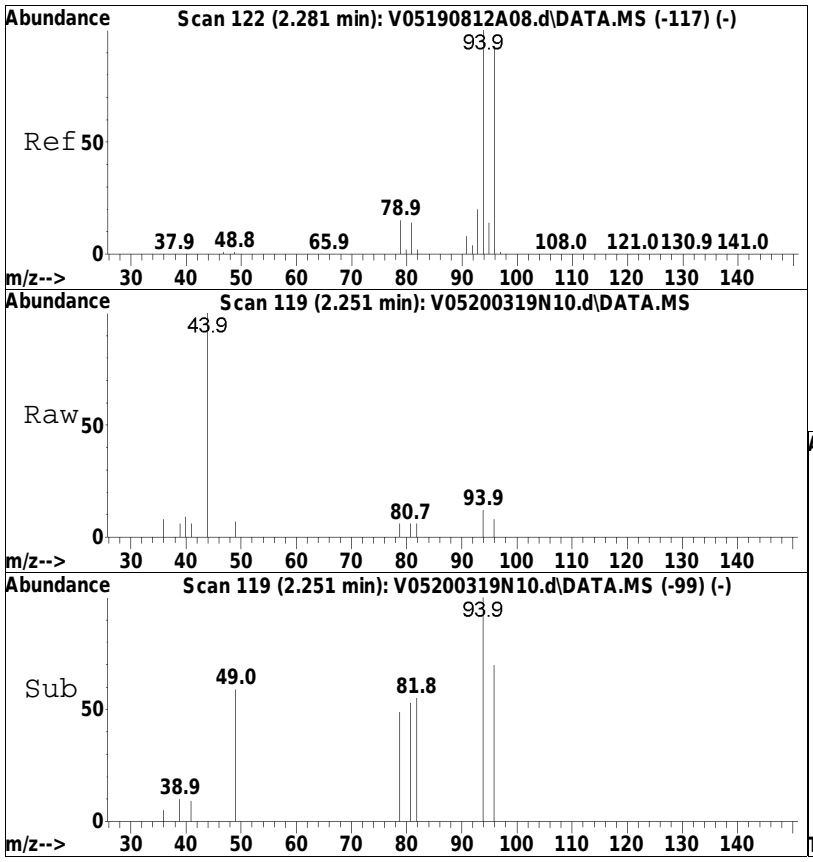
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N10.d
Acq On : 19 Mar 2020 9:32 pm
Operator : VOA105:NLK
Sample : 12011627-03,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 20 11:00:06 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0319N01.d•

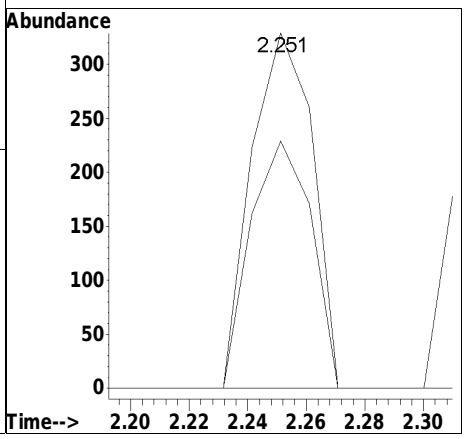


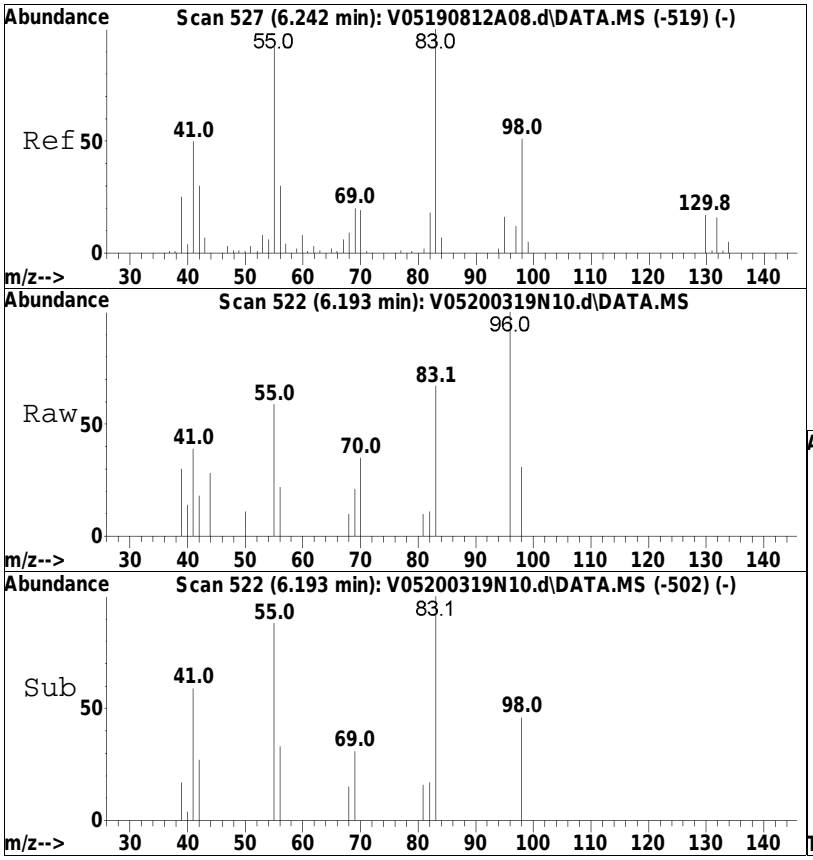


#5
Bromomethane
Concen: 0.07 ug/L
RT: 2.251 min Scan# 119
Delta R.T. 0.000 min
Lab File: V05200319N10.d
Acq: 19 Mar 2020 9:32 pm

Tgt Ion: 94 Resp: 477

Ion	Ratio	Lower	Upper
94	100		
96	69.2	75.4	115.4#

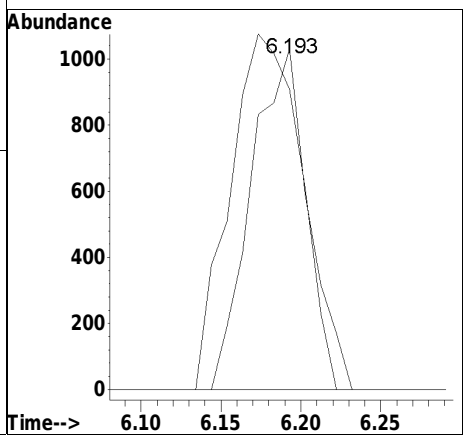


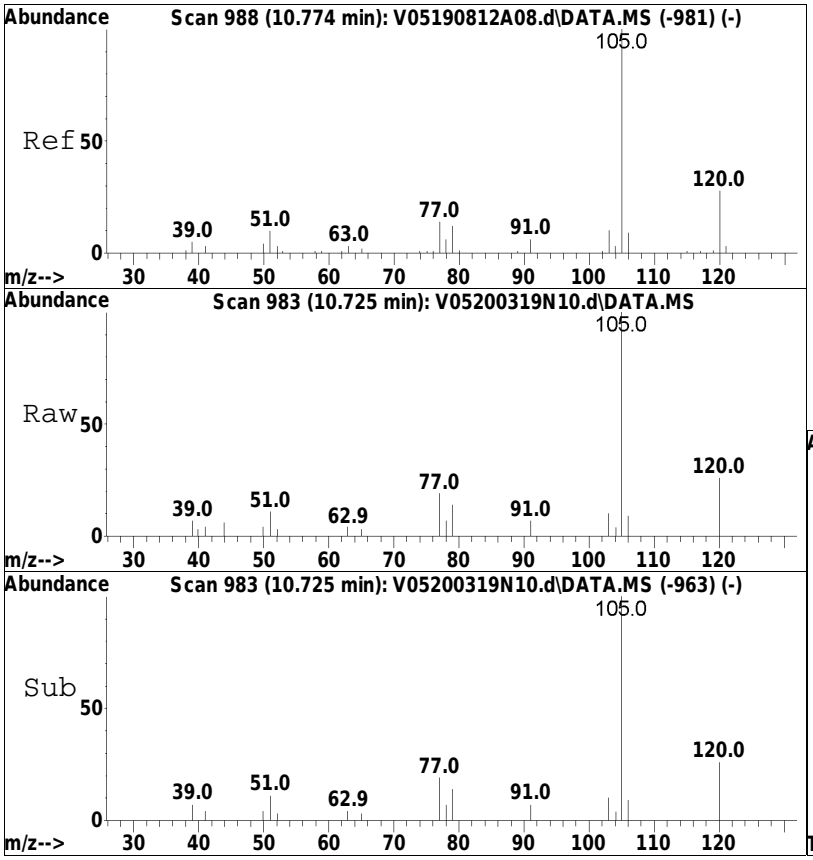


#47
Methyl cyclohexane
Concen: 0.14 ug/L
RT: 6.193 min Scan# 522
Delta R.T. -0.000 min
Lab File: V05200319N10.d
Acq: 19 Mar 2020 9:32 pm

Tgt Ion: 83 Resp: 2591

Ion	Ratio	Lower	Upper
83	100		
55	127.3	57.3	85.9#

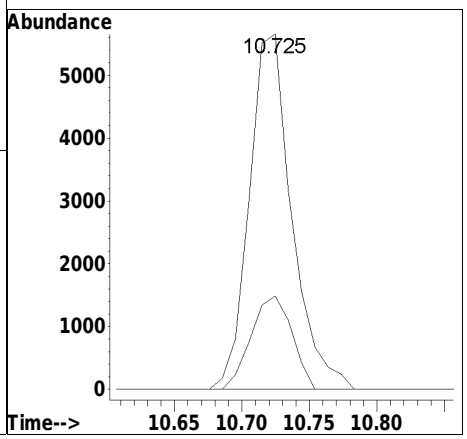




#82
Isopropylbenzene
Concen: 0.25 ug/L
RT: 10.725 min Scan# 983
Delta R.T. -0.000 min
Lab File: V05200319N10.d
Acq: 19 Mar 2020 9:32 pm

Tgt Ion:105 Resp: 12391

Ion	Ratio	Lower	Upper
105	100		
120	25.3	4.8	44.8



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_200313N_8260.m
Data File	: V05200319N10.d	Operator	: VOA105:NLK
Date Inj'd	: 3/19/2020 9:32 pm	Instrument	: VOA 105
Sample	: 12011627-03,31,10,10,,a	Quant Date	: 3/20/2020 10:52 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N10.d
Acq On : 19 Mar 2020 9:32 pm
Operator : VOA105:NLK
Sample : 12011627-03,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05200319N10.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.281	118	122	140	rVB3	20311	52229	3.89%	0.710%
2	5.234	418	424	433	rBV	181600	414931	30.90%	5.639%
3	5.763	471	478	499	rBV	170950	401193	29.87%	5.452%
4	6.036	499	506	516	rVV	463133	1031750	76.82%	14.022%
5	7.719	671	678	692	rBV	590234	1343006	100.00%	18.252%
6	9.559	858	864	887	rBV	515478	1186752	88.37%	16.128%
7	11.048	1008	1016	1027	rBV	445953	912550	67.95%	12.402%
8	12.253	1134	1139	1148	rBV	665739	1197997	89.20%	16.281%
9	12.409	1149	1155	1159	rVV	49720	87525	6.52%	1.189%
10	12.713	1182	1186	1190	rBV	38170	63663	4.74%	0.865%
11	12.880	1199	1203	1205	rBV	24910	41124	3.06%	0.559%
12	12.978	1211	1213	1216	rVB	25432	40916	3.05%	0.556%
13	13.272	1238	1243	1245	rBV	82790	135915	10.12%	1.847%
14	13.320	1245	1248	1256	rVB	74884	123674	9.21%	1.681%
15	13.516	1264	1268	1275	rVB	34332	56739	4.22%	0.771%
16	13.693	1280	1286	1295	rBV2	95369	176918	13.17%	2.404%
17	14.398	1353	1358	1367	rBV	52200	91315	6.80%	1.241%

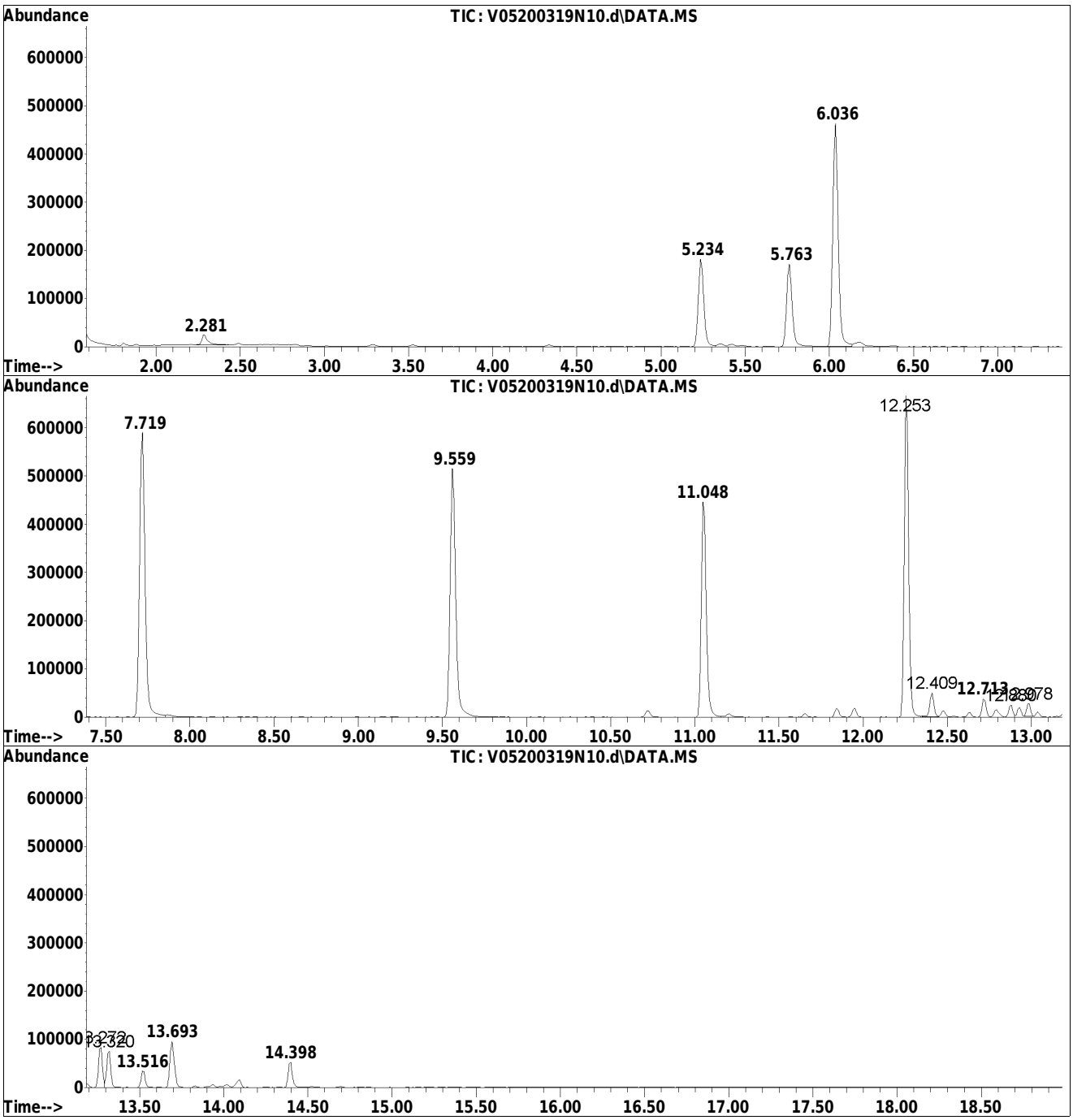
Sum of corrected areas: 7358197

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N10.d
Acq On : 19 Mar 2020 9:32 pm
Operator : VOA105:NLK
Sample : 12011627-03,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N10.d
Acq On : 19 Mar 2020 9:32 pm
Operator : VOA105:NLK
Sample : 12011627-03,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

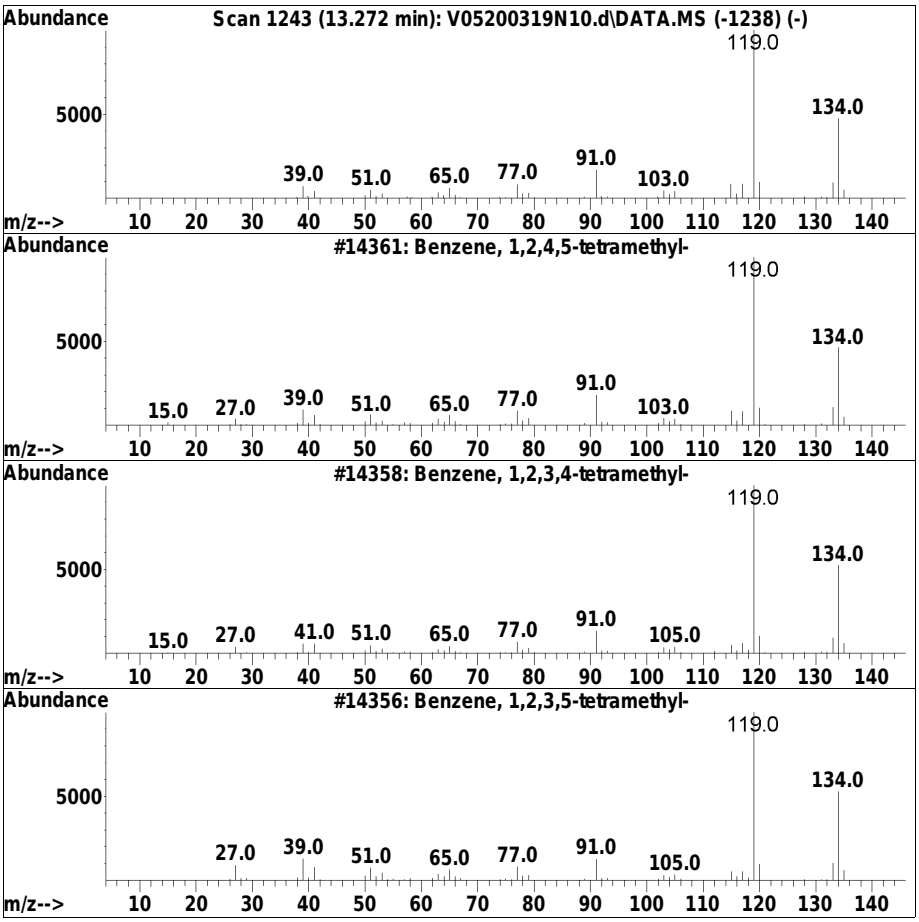
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

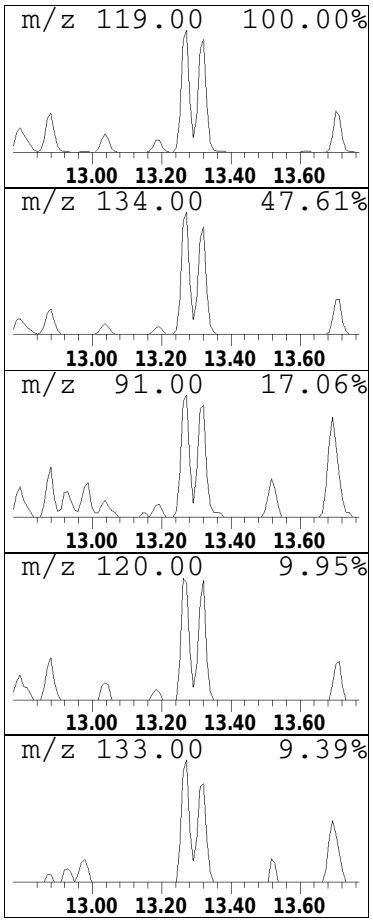
****

Peak Number 1 Unknown Benzene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.272	1.13 ug/L	135915	1,4-Dichlorobenzene-d4	12.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N10.d
Acq On : 19 Mar 2020 9:32 pm
Operator : VOA105:NLK
Sample : 12011627-03,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

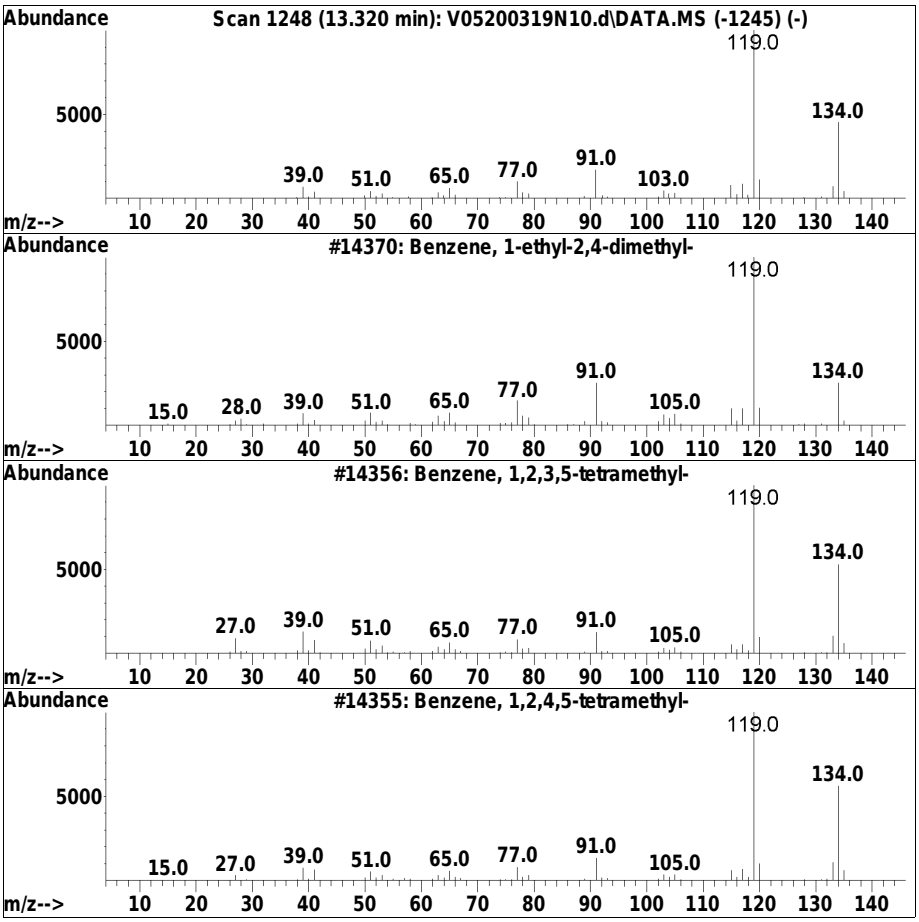
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

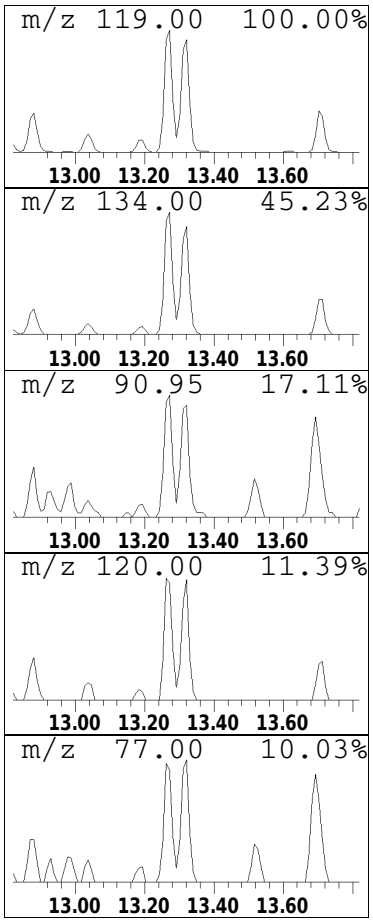
****

Peak Number 2 Unknown Benzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.320	1.03 ug/L	123674	1,4-Dichlorobenzene-d4	12.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





Library Search Compound Report

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N10.d
Acq On : 19 Mar 2020 9:32 pm
Operator : VOA105:NLK
Sample : 12011627-03,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

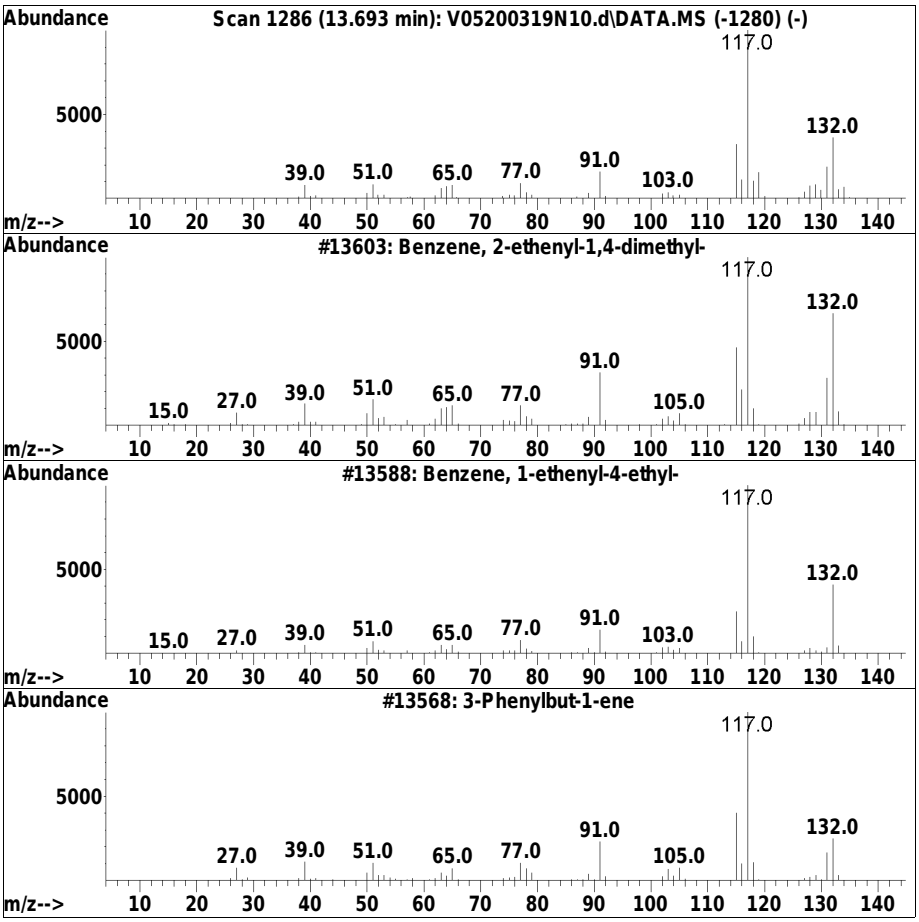
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

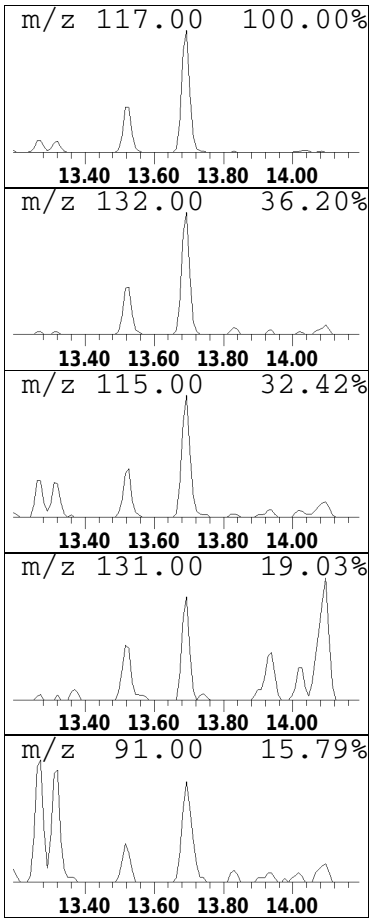
****

Peak Number 3 Unknown Aromatic Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.693	1.48 ug/L	176918	1,4-Dichlorobenzene-d4	12.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N10.d
Acq On : 19 Mar 2020 9:32 pm
Operator : VOA105:NLK
Sample : 12011627-03,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown Benzene	13.272	1.1	ug/L	135915	3	12.253	1198000	10.0
Unknown Benzene	13.320	1.0	ug/L	123674	3	12.253	1198000	10.0
Unknown Aromatic	13.693	1.5	ug/L	176918	3	12.253	1198000	10.0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N13.d
Acq On : 19 Mar 2020 10:42 pm
Operator : VOA105:NLK
Sample : 12011627-01,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 20 11:01:43 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\200319N\V05200319N01.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.037	96	492553	10.000	ug/L	0.00
Standard Area 1 = 543455			Recovery =	90.63%		
59) Chlorobenzene-d5	9.559	117	389599	10.000	ug/L	-0.01
Standard Area 1 = 431235			Recovery =	90.34%		
79) 1,4-Dichlorobenzene-d4	12.253	152	193850	10.000	ug/L	-0.01
Standard Area 1 = 226609			Recovery =	85.54%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.234	113	125887	9.548	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.48%		
43) 1,2-Dichloroethane-d4	5.763	65	156685	11.088	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	110.88%		
60) Toluene-d8	7.719	98	509099	10.328	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.28%		
83) 4-Bromofluorobenzene	11.048	95	184675	10.124	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.24%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.251	94	619	0.089	ug/L #	72
6) Chloroethane	2.349	64	245	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.014	76	1433	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.621	43	1476	Below Cal #		63
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N13.d
Acq On : 19 Mar 2020 10:42 pm
Operator : VOA105:NLK
Sample : 12011627-01,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 20 11:01:43 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\200319N\V05200319N01.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0		N.D.	
39)	2-Butanone	0.000		0		N.D.	
41)	Benzene	0.000		0		N.D.	
44)	1,2-Dichloroethane	5.831	62	104		N.D.	
47)	Methyl cyclohexane	0.000		0		N.D.	
48)	Trichloroethene	6.213	95	98		N.D.	
51)	1,2-Dichloropropane	0.000		0		N.D.	
54)	Bromodichloromethane	0.000		0		N.D.	
57)	1,4-Dioxane	0.000		0		N.D.	
58)	cis-1,3-Dichloropropene	0.000		0		N.D.	
61)	Toluene	0.000		0		N.D.	
62)	4-Methyl-2-pentanone	0.000		0		N.D.	
63)	Tetrachloroethene	0.000		0		N.D.	
65)	trans-1,3-Dichloropropene	0.000		0		N.D.	
68)	1,1,2-Trichloroethane	0.000		0		N.D.	
69)	Chlorodibromomethane	0.000		0		N.D.	
71)	1,2-Dibromoethane	0.000		0		N.D.	
72)	2-Hexanone	0.000		0		N.D.	
73)	Chlorobenzene	0.000		0		N.D.	
74)	Ethylbenzene	9.559	91	658		N.D.	
76)	p/m Xylene	0.000		0		N.D.	
77)	o Xylene	0.000		0		N.D.	
78)	Styrene	0.000		0		N.D.	
80)	Bromoform	0.000		0		N.D.	
82)	Isopropylbenzene	0.000		0		N.D.	
87)	1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
100)	1,3-Dichlorobenzene	0.000		0		N.D.	
101)	1,4-Dichlorobenzene	0.000		0		N.D.	
104)	1,2-Dichlorobenzene	0.000		0		N.D.	
106)	1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
109)	1,2,4-Trichlorobenzene	0.000		0		N.D.	
111)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

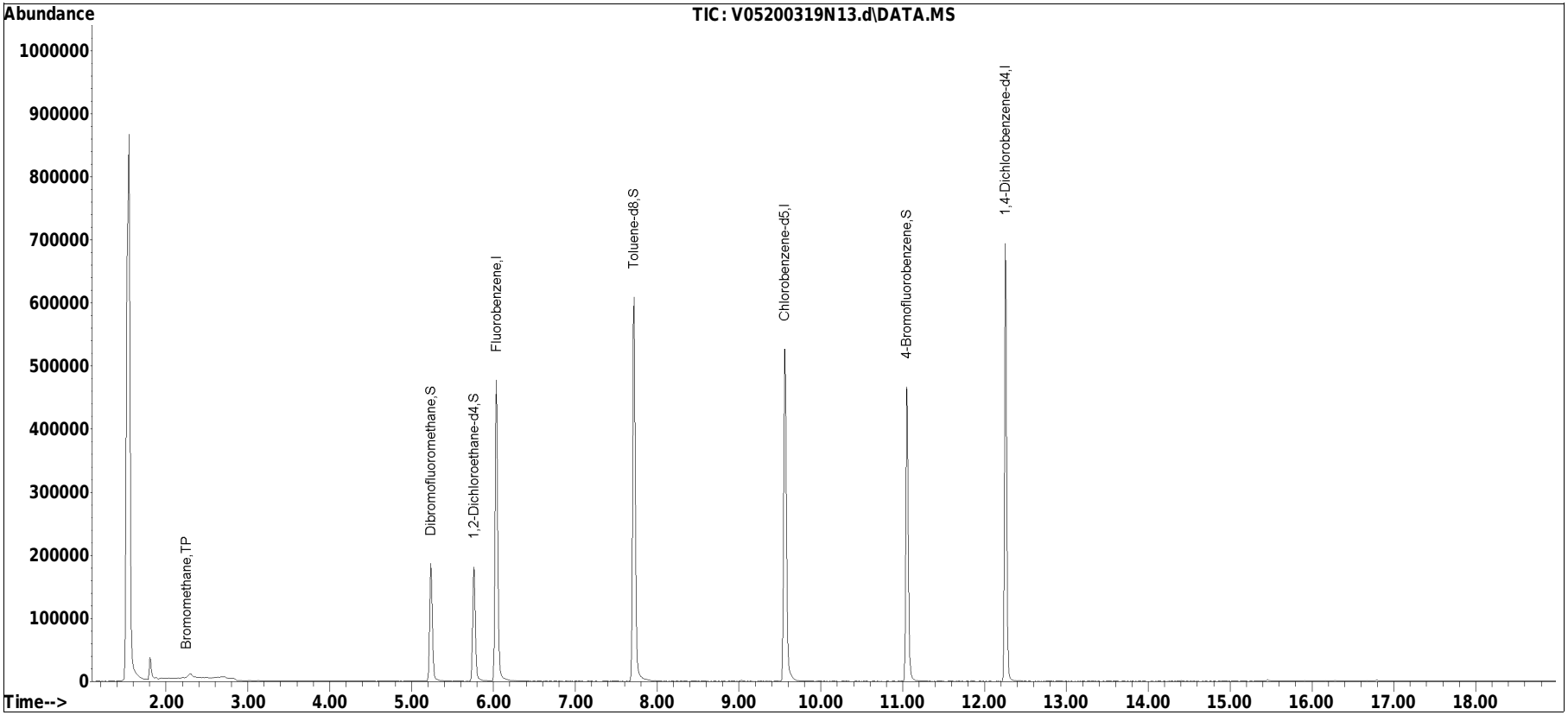
(#) = qualifier out of range (m) = manual integration (+) = signals summed

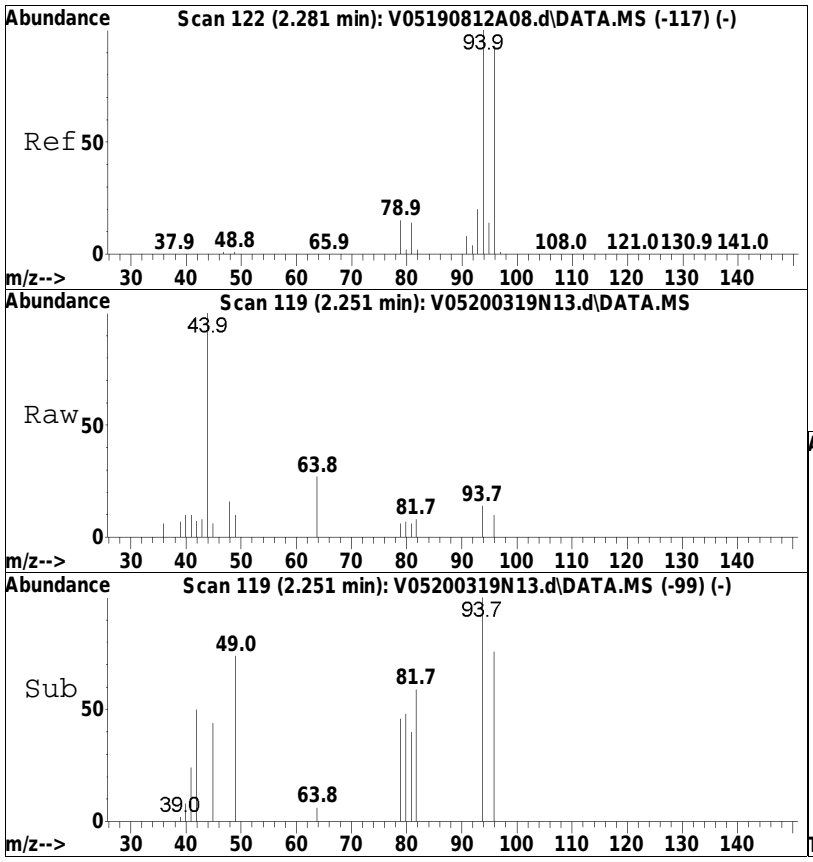
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N13.d
Acq On : 19 Mar 2020 10:42 pm
Operator : VOA105:NLK
Sample : 12011627-01,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 20 11:01:43 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0319N01.d•

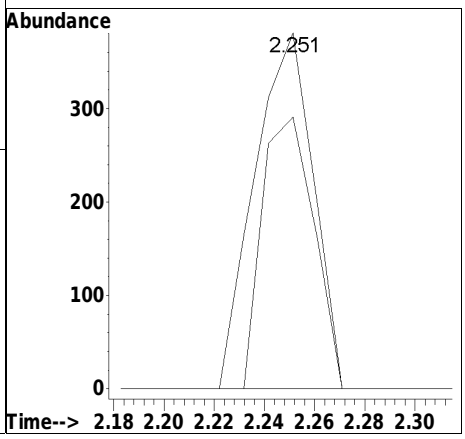




#5
Bromomethane
Concen: 0.09 ug/L
RT: 2.251 min Scan# 119
Delta R.T. 0.000 min
Lab File: V05200319N13.d
Acq: 19 Mar 2020 10:42 pm

Tgt Ion: 94 Resp: 619

Ion	Ratio	Lower	Upper
94	100		
96	67.7	75.4	115.4#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_200313N_8260.m
Data File	: V05200319N13.d	Operator	: VOA105:NLK
Date Inj'd	: 3/19/2020 10:42 pm	Instrument	: VOA 105
Sample	: 12011627-01,31,10,10,,a	Quant Date	: 3/20/2020 10:53 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N13.d
Acq On : 19 Mar 2020 10:42 pm
Operator : VOA105:NLK
Sample : 12011627-01,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05200319N13.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.801	70	73	79	rBV	34694	62510	4.47%	0.917%
2	5.234	415	424	446	rBV	186620	431600	30.85%	6.335%
3	5.763	471	478	497	rBV	181187	420405	30.05%	6.170%
4	6.037	499	506	531	rVV	477376	1087718	77.75%	15.964%
5	7.719	670	678	702	rBV	609281	1398934	100.00%	20.532%
6	9.559	857	864	894	rBV	526729	1231018	88.00%	18.068%
7	11.048	1008	1016	1037	rBV	467266	948076	67.77%	13.915%
8	12.253	1134	1139	1154	rBV	694392	1233161	88.15%	18.099%

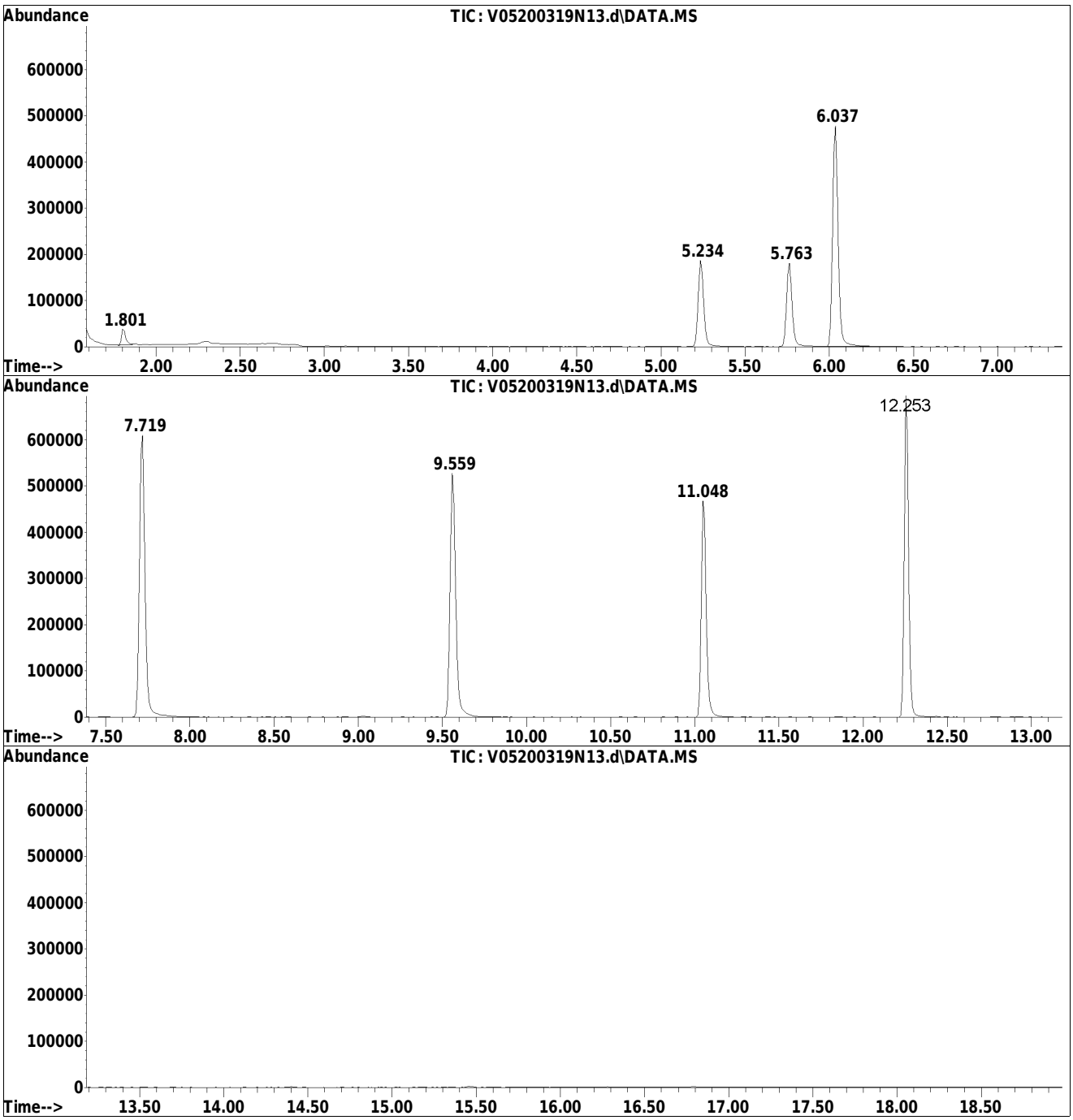
Sum of corrected areas: 6813422

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N13.d
Acq On : 19 Mar 2020 10:42 pm
Operator : VOA105:NLK
Sample : 12011627-01,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N13.d
Acq On : 19 Mar 2020 10:42 pm
Operator : VOA105:NLK
Sample : l2011627-01,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N13.d
Acq On : 19 Mar 2020 10:42 pm
Operator : VOA105:NLK
Sample : 12011627-01,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N16.d
Acq On : 19 Mar 2020 11:51 pm
Operator : VOA105:NLK
Sample : 12011627-04,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 20 11:03:19 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\200319N\V05200319N01.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.036	96	469423	10.000 ug/L	0.00
Standard Area 1 = 543455			Recovery =	86.38%	
59) Chlorobenzene-d5	9.559	117	370906	10.000 ug/L	-0.01
Standard Area 1 = 431235			Recovery =	86.01%	
79) 1,4-Dichlorobenzene-d4	12.253	152	188414	10.000 ug/L	-0.01
Standard Area 1 = 226609			Recovery =	83.14%	
System Monitoring Compounds					
36) Dibromofluoromethane	5.234	113	120776	9.611 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.11%	
43) 1,2-Dichloroethane-d4	5.762	65	148859	11.053 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	110.53%	
60) Toluene-d8	7.719	98	484407	10.322 ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.22%	
83) 4-Bromofluorobenzene	11.048	95	176314	9.945 ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.45%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	0.000		0	N.D. d	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.241	94	396	N.D.	
6) Chloroethane	2.329	64	125	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.014	76	737	N.D.	
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	3.620	43	856	Below Cal #	47
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N16.d
Acq On : 19 Mar 2020 11:51 pm
Operator : VOA105:NLK
Sample : 12011627-04,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 20 11:03:19 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\200319N\V05200319N01.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	5.831	62	105		N.D.	
47) Methyl cyclohexane	0.000		0		N.D.	
48) Trichloroethene	6.212	95	133		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	9.569	91	691		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	12.272	146	447		N.D.	
101) 1,4-Dichlorobenzene	12.272	146	447		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

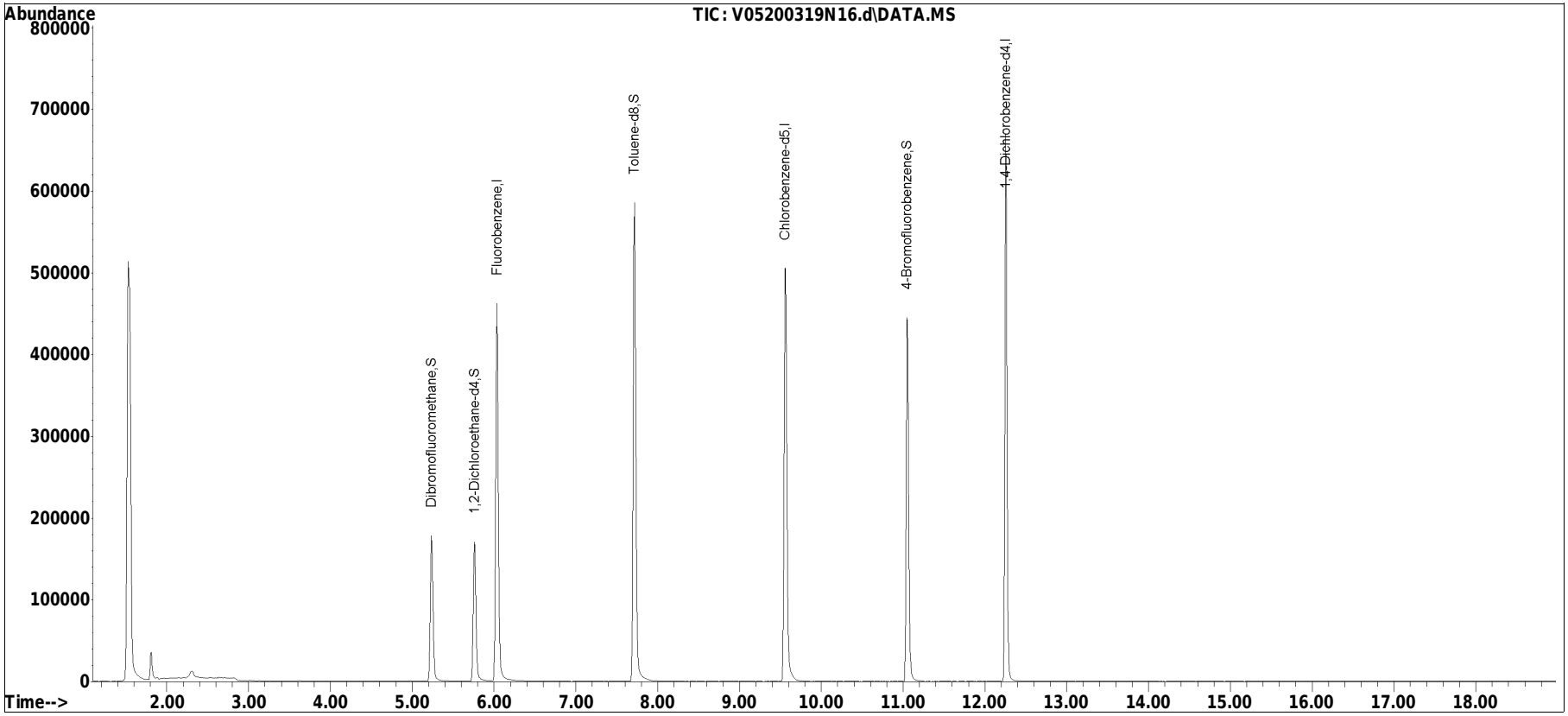
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N16.d
Acq On : 19 Mar 2020 11:51 pm
Operator : VOA105:NLK
Sample : 12011627-04,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 20 11:03:19 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0319N01.d•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_200313N_8260.m
Data File	: V05200319N16.d	Operator	: VOA105:NLK
Date Inj'd	: 3/19/2020 11:51 pm	Instrument	: VOA 105
Sample	: l2011627-04,31,10,10,,a	Quant Date	: 3/20/2020 10:53 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N16.d
Acq On : 19 Mar 2020 11:51 pm
Operator : VOA105:NLK
Sample : 12011627-04,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05200319N16.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.811	70	74	79	rBV	33680	59645	4.46%	0.915%
2	5.234	415	424	441	rBV	178610	413731	30.96%	6.347%
3	5.762	469	478	497	rBV	170732	399424	29.89%	6.127%
4	6.036	500	506	530	rBV	461796	1035605	77.49%	15.886%
5	7.719	671	678	701	rBV	585570	1336403	100.00%	20.501%
6	9.559	855	864	884	rBV	505371	1177798	88.13%	18.068%
7	11.048	1011	1016	1040	rVB	445216	905133	67.73%	13.885%
8	12.253	1134	1139	1161	rBV	668841	1191097	89.13%	18.272%

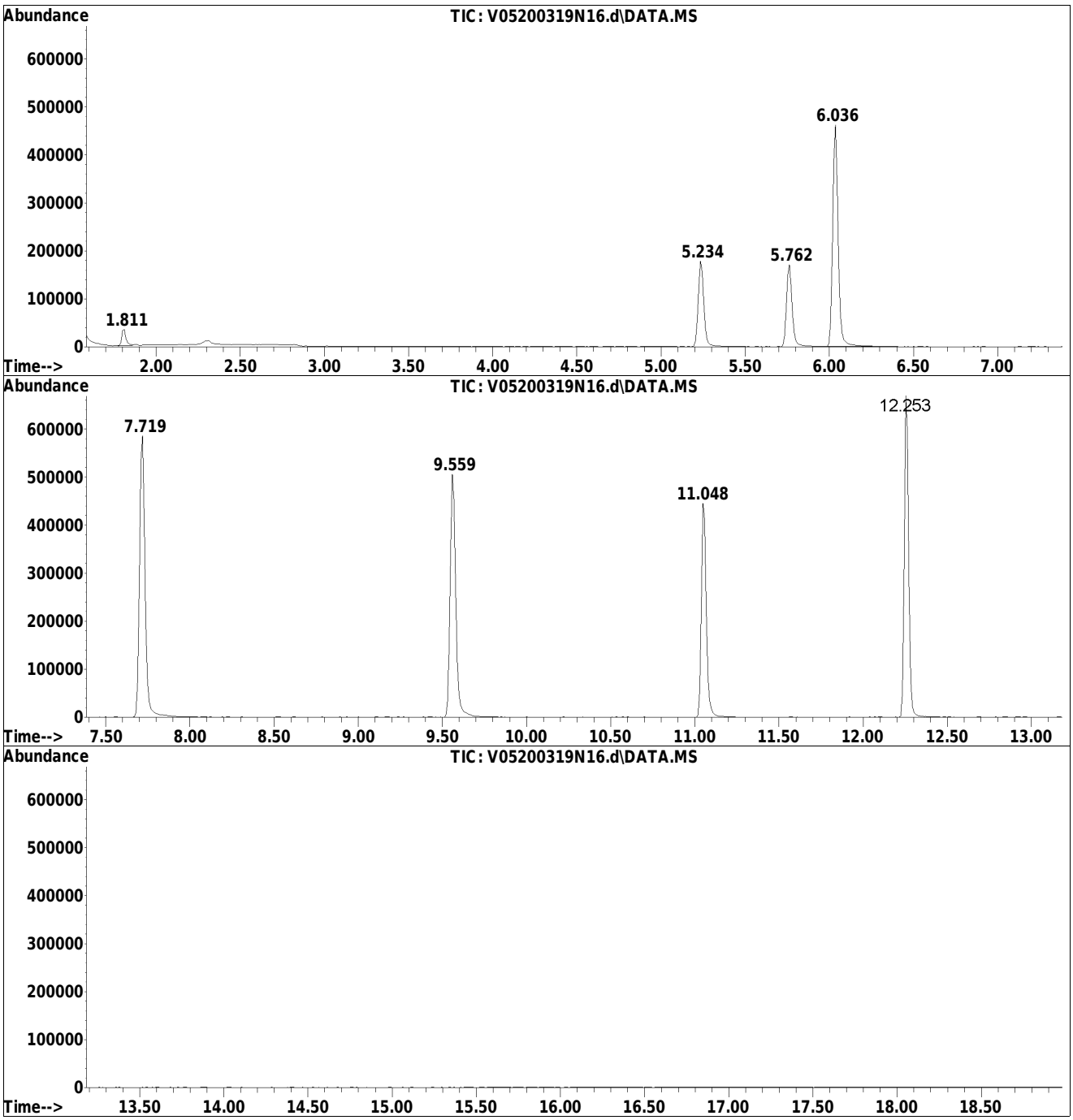
Sum of corrected areas: 6518836

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N16.d
Acq On : 19 Mar 2020 11:51 pm
Operator : VOA105:NLK
Sample : 12011627-04,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 16 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N16.d
Acq On : 19 Mar 2020 11:51 pm
Operator : VOA105:NLK
Sample : l2011627-04,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 16 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N16.d
Acq On : 19 Mar 2020 11:51 pm
Operator : VOA105:NLK
Sample : 12011627-04,31,10,10,,a
Misc : WG1353437,ICAL16595
ALS Vial : 16 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Method Blank
Raw Data

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N04.d
Acq On : 19 Mar 2020 7:12 pm
Operator : VOA105:MKS
Sample : WG1353437-5,31,10,10
Misc : WG1353437,ICAL16595
ALS Vial : 4 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05200319N04.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.234	415	424	451	rBV	197521	456129	31.12%	6.464%
2	5.762	471	478	496	rBV	182185	432378	29.50%	6.127%
3	6.036	500	506	531	rVV	511406	1144143	78.07%	16.213%
4	7.719	670	678	701	rBV	634462	1465526	100.00%	20.767%
5	9.559	856	864	889	rBV	555524	1283823	87.60%	18.192%
6	11.048	1009	1016	1039	rBV	476232	996161	67.97%	14.116%
7	12.253	1134	1139	1159	rVB	722329	1278772	87.26%	18.121%

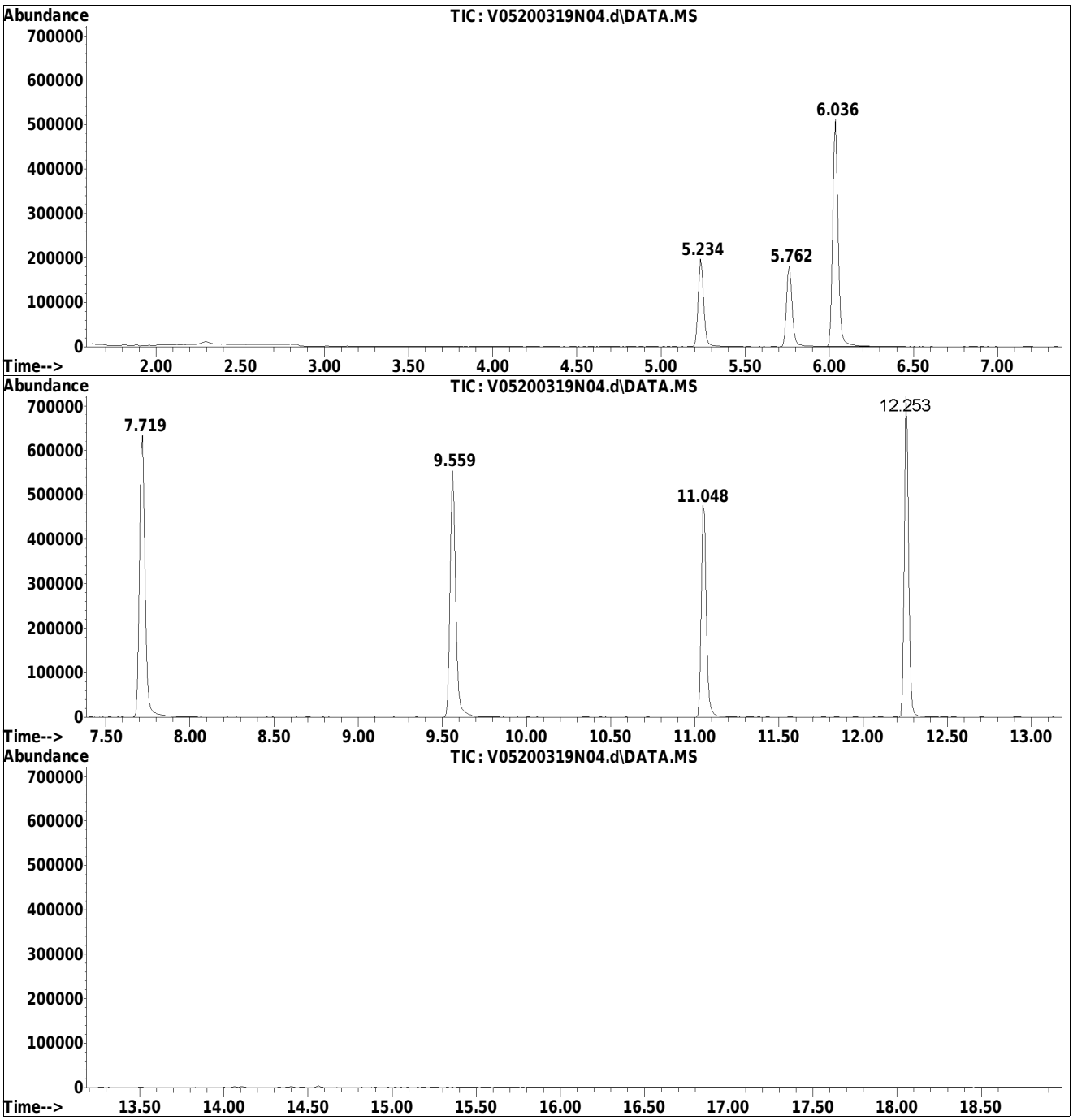
Sum of corrected areas: 7056932

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N04.d
Acq On : 19 Mar 2020 7:12 pm
Operator : VOA105:MKS
Sample : WG1353437-5,31,10,10
Misc : WG1353437,ICAL16595
ALS Vial : 4 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N04.d
Acq On : 19 Mar 2020 7:12 pm
Operator : VOA105:MKS
Sample : WG1353437-5,31,10,10
Misc : WG1353437,ICAL16595
ALS Vial : 4 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N04.d
Acq On : 19 Mar 2020 7:12 pm
Operator : VOA105:MKS
Sample : WG1353437-5,31,10,10
Misc : WG1353437,ICAL16595
ALS Vial : 4 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N04.d
Acq On : 19 Mar 2020 7:12 pm
Operator : VOA105:MKS
Sample : WG1353437-5,31,10,10
Misc : WG1353437,ICAL16595
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 19 19:36:13 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\200319N\V05200319N01.d
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.036	96	522566	10.000	ug/L	0.00
Standard Area 1 = 543455			Recovery = 96.16%			
59) Chlorobenzene-d5	9.559	117	406273	10.000	ug/L	-0.01
Standard Area 1 = 431235			Recovery = 94.21%			
79) 1,4-Dichlorobenzene-d4	12.253	152	203732	10.000	ug/L	-0.01
Standard Area 1 = 226609			Recovery = 89.90%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.234	113	132172	9.449	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.49%			
43) 1,2-Dichloroethane-d4	5.762	65	161460	10.770	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.70%			
60) Toluene-d8	7.719	98	534471	10.398	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.98%			
83) 4-Bromofluorobenzene	11.048	95	195890	10.218	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.241	94	663	0.090	ug/L	87
6) Chloroethane	2.290	64	188	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.014	76	1029	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.552	84	424	N.D.		
17) Acetone	3.611	43	750	Below Cal #		47
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N04.d
Acq On : 19 Mar 2020 7:12 pm
Operator : VOA105:MKS
Sample : WG1353437-5,31,10,10
Misc : WG1353437,ICAL16595
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 19 19:36:13 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\200319N\V05200319N01.d
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	6.212	95	290	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.777	92	89	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.618	91	349	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	10.440	104	99	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.724	105	339	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	12.194	146	570	N.D.		
101) 1,4-Dichlorobenzene	12.272	146	857	N.D.		
104) 1,2-Dichlorobenzene	12.703	146	387	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.104	180	1193	0.091	ug/L #	82
111) 1,2,3-Trichlorobenzene	14.565	180	1632	0.163	ug/L #	91

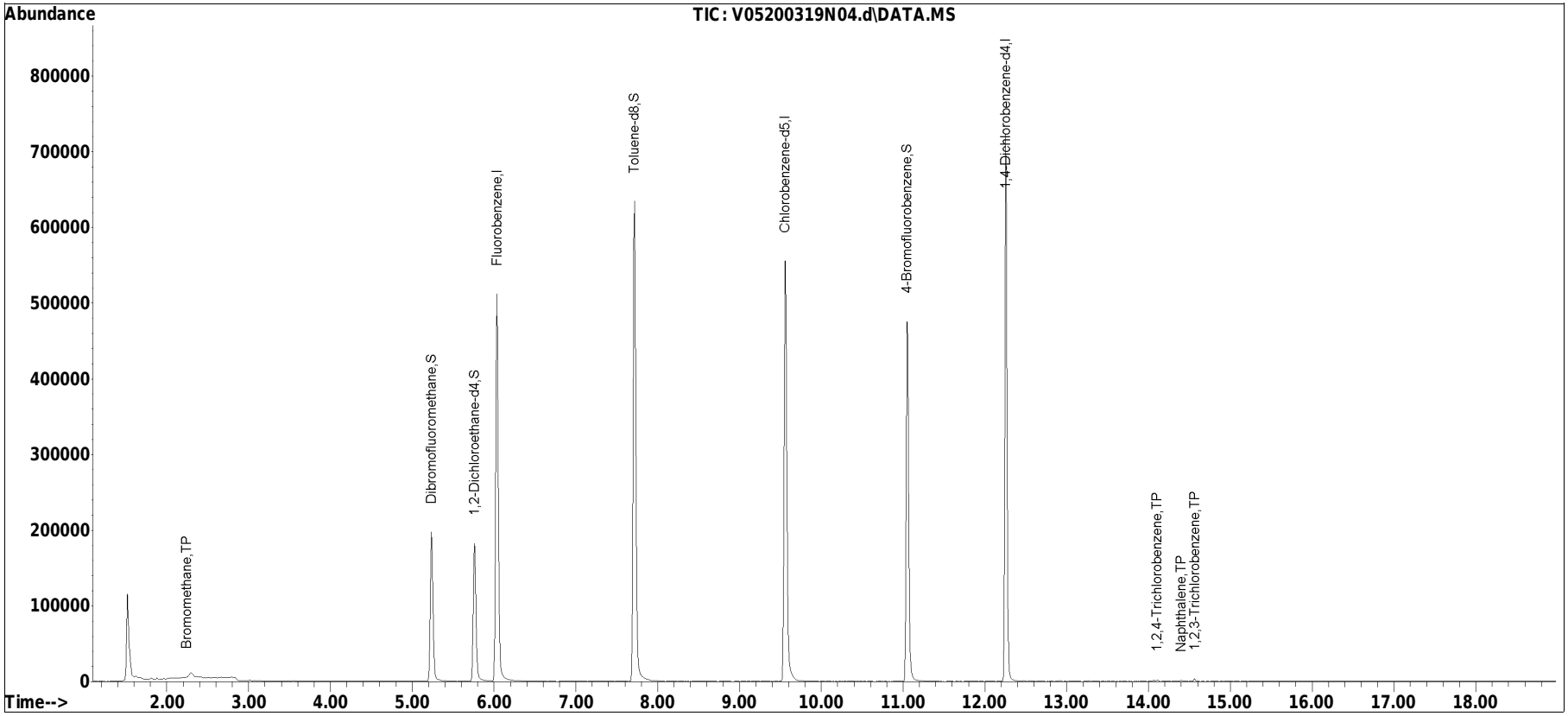
(#) = qualifier out of range (m) = manual integration (+) = signals summed

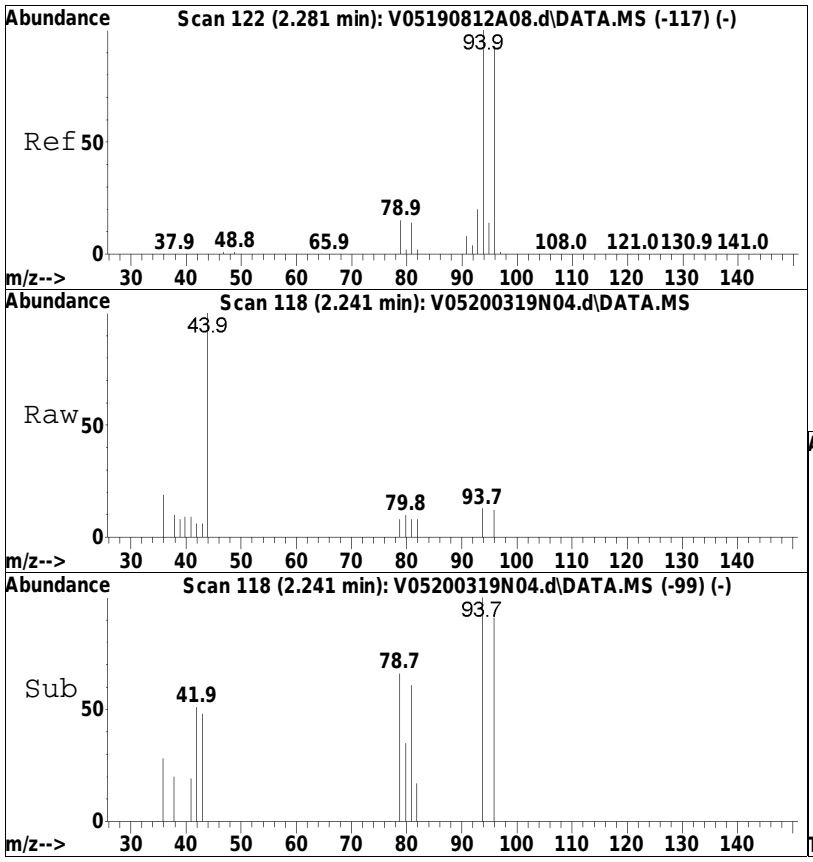
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\200319N\
Data File : V05200319N04.d
Acq On : 19 Mar 2020 7:12 pm
Operator : VOA105:MKS
Sample : WG1353437-5,31,10,10
Misc : WG1353437,ICAL16595
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 19 19:36:13 2020
Quant Method : I:\VOLATILES\VOA105\2020\200319N\V105_200313N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sun Mar 15 01:23:14 2020
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox00319N\V05200319N01.d•

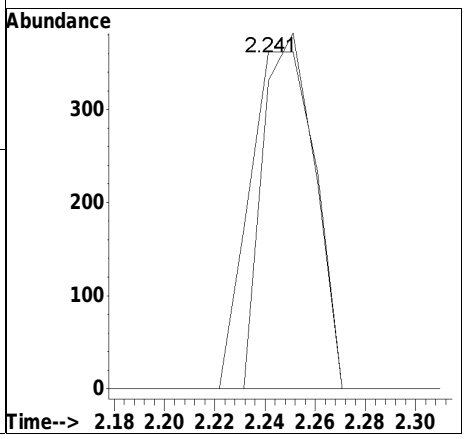


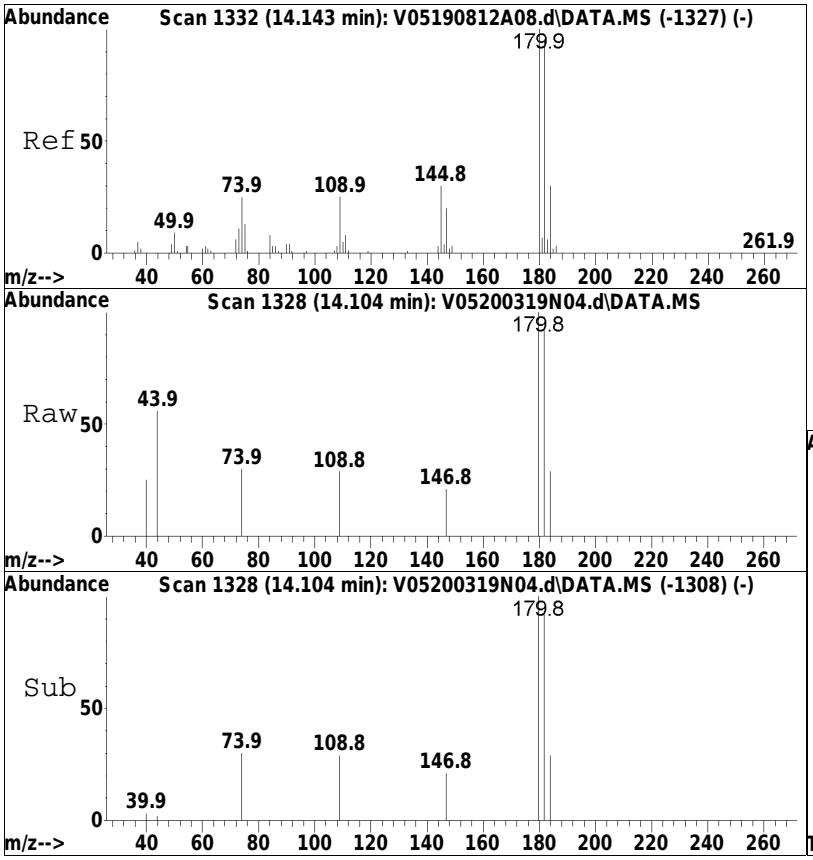


#5
Bromomethane
Concen: 0.09 ug/L
RT: 2.241 min Scan# 118
Delta R.T. -0.010 min
Lab File: V05200319N04.d
Acq: 19 Mar 2020 7:12 pm

Tgt Ion: 94 Resp: 663

Ion	Ratio	Lower	Upper
94	100		
96	82.8	75.4	115.4

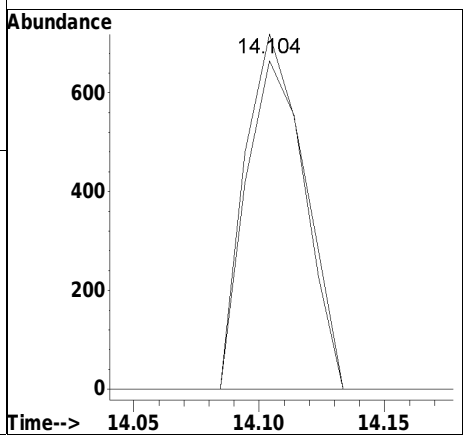


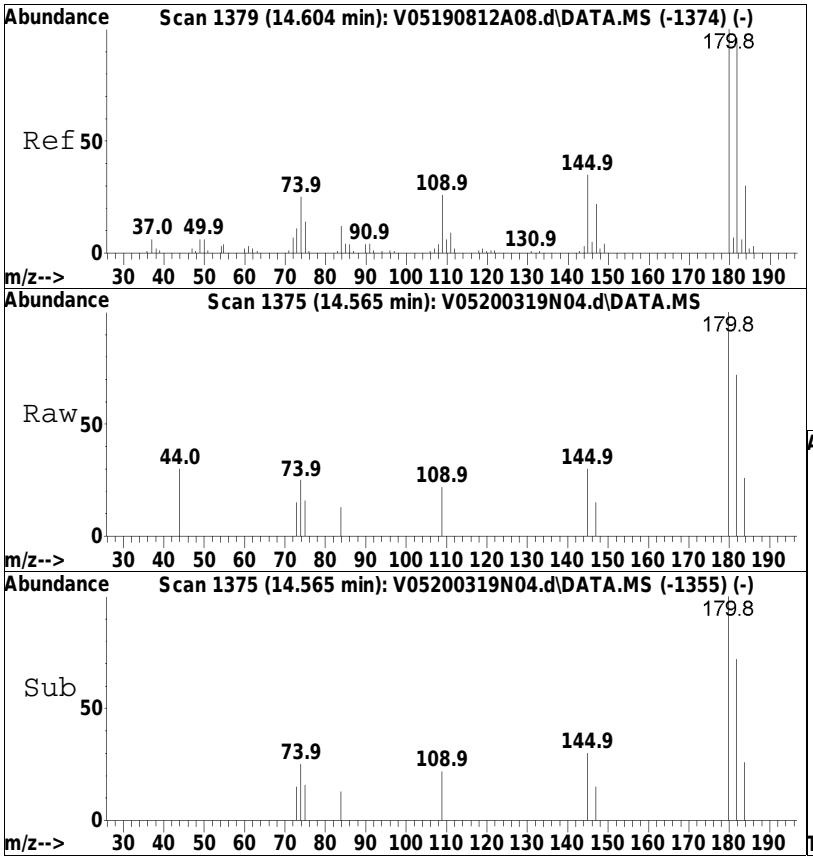


#109
1,2,4-Trichlorobenzene
Concen: 0.09 ug/L
RT: 14.104 min Scan# 1328
Delta R.T. -0.000 min
Lab File: V05200319N04.d
Acq: 19 Mar 2020 7:12 pm

Tgt Ion:180 Resp: 1193

Ion	Ratio	Lower	Upper
180	100		
182	91.9	75.2	112.8
145	0.0	27.4	41.2#

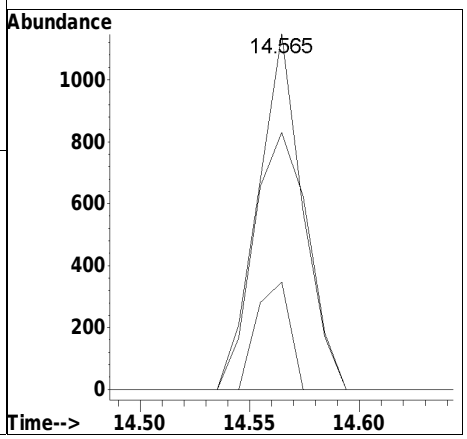




#111
1,2,3-Trichlorobenzene
Concen: 0.16 ug/L
RT: 14.565 min Scan# 1375
Delta R.T. -0.000 min
Lab File: V05200319N04.d
Acq: 19 Mar 2020 7:12 pm

Tgt Ion:180 Resp: 1632

Ion	Ratio	Lower	Upper
180	100		
182	88.5	75.5	113.3
145	22.6	26.5	39.7#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_200313N_8260.m
Data File	: V05200319N04.d	Operator	: VOA105:MKS
Date Inj'd	: 3/19/2020 7:12 pm	Instrument	: VOA 105
Sample	: WG1353437-5,31,10,10	Quant Date	: 3/19/2020 7:35 pm

There are no manual integrations or false positives in this file.

GC/MS Extractable Analysis
Method 8270

Sample Results Summary

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: L2011627-01	Date Collected	: 03/13/20 10:06
Client ID	: MW-1	Date Received	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 03/19/20 06:58
Sample Matrix	: WATER	Date Extracted	: 03/18/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 11627-01	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: L2011627-01	Date Collected	: 03/13/20 10:06
Client ID	: MW-1	Date Received	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 03/19/20 06:58
Sample Matrix	: WATER	Date Extracted	: 03/18/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 11627-01	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-01	**Date Collected**	: 03/13/20 10:06
Client ID	: MW-1	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 06:58
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 11627-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-01	**Date Collected**	: 03/13/20 10:06
Client ID	: MW-1	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 06:58
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 11627-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Alkane	5.78	11.4	J
	Unknown Alkane	6.35	3.2	J
	Unknown Alkane	7.49	24.2	J
	Unknown Benzene	7.80	20.8	J
	Unknown Alkane	7.88	3.45	J
	Unknown	8.11	4.04	J
	Unknown	8.16	3.67	J
	Unknown Alkane	8.67	15.3	J
	Unknown Alkane	9.68	6.36	J
	Unknown Alkane	10.13	5.2	J
	Unknown Organic Acid	11.20	6.22	J
	Unknown Aldehyde	11.46	5.49	J
	Unknown Organic Acid	11.97	8.51	J
	Unknown	12.42	3.42	J
	Unknown	12.77	3.42	J
	Total TIC Compounds		125J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: L2011627-02	Date Collected	: 03/13/20 10:40
Client ID	: MW-2	Date Received	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 03/19/20 05:38
Sample Matrix	: WATER	Date Extracted	: 03/18/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 11627-02	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-02	**Date Collected**	: 03/13/20 10:40
Client ID	: MW-2	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 05:38
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 11627-02	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-02	**Date Collected**	: 03/13/20 10:40
Client ID	: MW-2	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 05:38
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 11627-02	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-02	**Date Collected**	: 03/13/20 10:40
Client ID	: MW-2	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 05:38
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 11627-02	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Alkane	5.78	10.9	J
	Unknown Alkane	6.35	2.98	J
	Unknown Alkane	7.49	22.2	J
	Unknown Benzene	7.80	19.1	J
	Unknown Alkane	7.88	3.34	J
	Unknown	8.12	3.71	J
	Unknown	8.16	3.16	J
	Unknown Alkane	8.67	14.9	J
	Unknown Alkane	9.68	6.54	J
	Unknown Alkane	10.13	3.56	J
	Unknown Organic Acid	11.20	5.93	J
	Unknown	11.46	4.33	J
	Unknown Organic Acid	11.97	10.5	J
	Unknown	12.42	4.04	J
	Unknown	12.77	3.85	J
	Total TIC Compounds		119J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-03	**Date Collected**	: 03/13/20 11:07
Client ID	: MW-3	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 01:37
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 11627-03	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: L2011627-03	Date Collected	: 03/13/20 11:07
Client ID	: MW-3	Date Received	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 03/19/20 01:37
Sample Matrix	: WATER	Date Extracted	: 03/18/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 11627-03	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-03	**Date Collected**	: 03/13/20 11:07
Client ID	: MW-3	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 01:37
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 11627-03	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-03	**Date Collected**	: 03/13/20 11:07
Client ID	: MW-3	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 01:37
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 11627-03	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Alkane	5.78	11.7	J
	Unknown Alkane	6.35	3.71	J
	Unknown Alkane	6.75	3.34	J
	Unknown Alkane	7.49	27.2	J
	Unknown Benzene	7.80	21.7	J
	Unknown Alkane	7.88	3.89	J
	Unknown Alkane	8.11	3.96	J
	Unknown	8.16	3.67	J
	Unknown Alkane	8.67	17.5	J
	Unknown Alkane	9.68	7.64	J
	Unknown Alkane	10.13	3.45	J
	Unknown	11.20	4.58	J
	Unknown	11.46	5.24	J
	Unknown Organic Acid	11.97	8.94	J
	Unknown	12.42	3.49	J
	Total TIC Compounds		130J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-04	**Date Collected**	: 03/13/20 11:51
Client ID	: MW-4	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 02:03
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 11627-04	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: L2011627-04	Date Collected	: 03/13/20 11:51
Client ID	: MW-4	Date Received	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 03/19/20 02:03
Sample Matrix	: WATER	Date Extracted	: 03/18/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 11627-04	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-04	**Date Collected**	: 03/13/20 11:51
Client ID	: MW-4	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 02:03
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 11627-04	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-04	**Date Collected**	: 03/13/20 11:51
Client ID	: MW-4	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/19/20 02:03
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 11627-04	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 10 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Alkane	5.78	3.49	J
	Unknown Alkane	7.49	6.76	J
	Unknown Benzene	7.80	6.14	J
	Unknown Alkane	8.67	5.09	J
	Unknown Alkane	9.67	2.33	J
	Unknown	12.77	3.82	J
	Unknown	13.36	2.07	J
	Unknown	14.26	1.6	J
	Unknown	15.11	2.04	J
	Total TIC Compounds		33.3J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: WG1352237-1	Date Collected	: NA
Client ID	: WG1352237-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/18/20 21:37
Sample Matrix	: WATER	Date Extracted	: 03/18/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 352237-1	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.1	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: WG1352237-1	Date Collected	: NA
Client ID	: WG1352237-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 03/18/20 21:37
Sample Matrix	: WATER	Date Extracted	: 03/18/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 352237-1	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1352237-1	**Date Collected**	: NA
Client ID	: WG1352237-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/18/20 21:37
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 352237-1	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 09/27/19 20:15
Tune Standard	: R1239760-1	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	45.9
68	Less than 2.0% of mass 69	0.9 (1.8)1
70	Less than 2.0% of mass 69	0.3 (.5)1
127	10.0 - 80.0% of Base Peak	60.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	19.5
365	Greater than 1.0% of mass 198	2
441	Present, but less than 24% of mass 442	16.6
442	Base Peak, or >50% of mass 198	61.4
443	15.0 - 24.0% of mass 442	11.8 (19.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1239760-8	ABNL10	09/27/19 20:42
ABNL9	R1239760-17	ABNL9	09/27/19 21:08
ABNL8	R1239760-15	ABNL8	09/27/19 21:35
ABNL7	R1239760-13	ABNL7	09/27/19 22:01
ABNL6	R1239760-14	ABNL6	09/27/19 22:28
ABNL5	R1239760-11	ABNL5	09/27/19 22:55
ABNL4	R1239760-12	ABNL4	09/27/19 23:21
ABNL3	R1239760-10	ABNL3	09/27/19 23:48
ABNL2	R1239760-9	ABNL2	09/28/19 00:15
ABNL1	R1239760-7	ABNL1	09/28/19 00:41
AP9L10	R1239760-28	AP9L10	09/28/19 01:08
AP9L9	R1239760-33	AP9L9	09/28/19 01:34
AP9L8	R1239760-35	AP9L8	09/28/19 02:01
AP9L7	R1239760-34	AP9L7	09/28/19 02:28
AP9L6	R1239760-36	AP9L6	09/28/19 02:54
AP9L5	R1239760-31	AP9L5	09/28/19 03:21
AP9L4	R1239760-29	AP9L4	09/28/19 03:48
AP9L3	R1239760-30	AP9L3	09/28/19 04:14
AP9L2	R1239760-32	AP9L2	09/28/19 04:41
AP9L1	R1239760-27	AP9L1	09/28/19 05:07
AP9 ICV Quant Report	R1239760-4	AP9ICV	09/28/19 06:01

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 09/28/19 06:27
Tune Standard	: R1239760-2	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	44.6
68	Less than 2.0% of mass 69	1 (1.8)1
70	Less than 2.0% of mass 69	0.3 (.5)1
127	10.0 - 80.0% of Base Peak	58.6
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 60.0% of Base Peak	19.6
365	Greater than 1.0% of mass 198	2
441	Present, but less than 24% of mass 442	16.3
442	Base Peak, or >50% of mass 198	53.5
443	15.0 - 24.0% of mass 442	10.8 (20.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R1239760-20	ADPL10	09/28/19 06:54
ADPL9	R1239760-25	ADPL9	09/28/19 07:20
ADPL8	R1239760-24	ADPL8	09/28/19 07:47
ADPL7	R1239760-26	ADPL7	09/28/19 08:13
ADPL6	R1239760-22	ADPL6	09/28/19 08:40
ADPL5	R1239760-21	ADPL5	09/28/19 09:07
ADPL4	R1239760-23	ADPL4	09/28/19 09:33
ADPL3	R1239760-19	ADPL3	09/28/19 10:00
ADPL2	R1239760-18	ADPL2	09/28/19 10:27
ADPL1	R1239760-16	ADPL1	09/28/19 10:53
ADP ICV Quant Report	R1239760-5	ADPICV	09/28/19 11:20

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 10/04/19 08:35
Tune Standard	: R1239760-3	**Tune File ID**	: Tune3_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	46.6
68	Less than 2.0% of mass 69	1 (1.7)1
70	Less than 2.0% of mass 69	0.4 (.7)1
127	10.0 - 80.0% of Base Peak	64.3
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	19.8
365	Greater than 1.0% of mass 198	1.9
441	Present, but less than 24% of mass 442	16
442	Base Peak, or >50% of mass 198	55.1
443	15.0 - 24.0% of mass 442	10.6 (19.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABN ICV Quant Report	R1239760-6	ABNICVB	10/04/19 13:02

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 03/18/20 19:48
Tune Standard	: WG1352680-1	**Tune File ID**	: Deg0318_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	34.4
68	Less than 2.0% of mass 69	0.7 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.3 (.6)1
127	10.0 - 80.0% of Base Peak	55.4
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	20.2
365	Greater than 1.0% of mass 198	2
441	Present, but less than 24% of mass 442	14.4
442	Base Peak, or >50% of mass 198	88.9
443	15.0 - 24.0% of mass 442	17 (19.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1352680-3CCAL	WG1352680-3	ABN0318	03/18/20 20:15
WG1352680-4CCAL	WG1352680-4	AP90318	03/18/20 20:42
WG1352680-5CCAL	WG1352680-5	ADP0318	03/18/20 21:10
WG1352237-1BLANK	WG1352237-1	352237-1	03/18/20 21:37
WG1352237-2LCS	WG1352237-2	352237-2	03/18/20 22:03
WG1352237-3LCSD	WG1352237-3	352237-3	03/18/20 22:30
MW-3	L2011627-03	11627-03	03/19/20 01:37
MW-4	L2011627-04	11627-04	03/19/20 02:03
MW-2	L2011627-02	11627-02	03/19/20 05:38
MW-1	L2011627-01	11627-01	03/19/20 06:58

Blank Results Summary

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab Sample ID	: WG1352237-1	**Lab File ID**	: 352237-1
Instrument ID	: SV107	**Extraction Date**	: 03/18/20
Matrix	: WATER	**Analysis Date**	: 03/18/20 21:37
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1352237-2LCS	WG1352237-2	03/18/20 22:03
WG1352237-3LCSD	WG1352237-3	03/18/20 22:30
MW-3	L2011627-03	03/19/20 01:37
MW-4	L2011627-04	03/19/20 02:03
MW-2	L2011627-02	03/19/20 05:38
MW-1	L2011627-01	03/19/20 06:58

Standards Data Summary

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2011627**
Project Name	**: FORMER PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL16200**
Calibration dates	**: 09/27/19 20:42 09/28/19 10:53**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.620	0.597	0.608	0.609	0.624	0.557	0.591	0.601	0.528	0.511	0.585	6.67
3)	t	Pyridine	0.906	0.703	0.991	0.905	0.994	0.924	0.936	0.969	0.877	0.827	0.903	9.64
4)	S	2-Fluorophenol	0.717	0.746	0.770	0.812	0.828	0.841	0.850	0.859	0.786	0.760	0.797	6.08
5)	T	Aniline	1.262	1.476	1.393	1.462	1.473	1.440	1.480	1.425	1.333	1.291	1.403	5.77
6)	t	2-Chlorophenol	0.735	0.824	0.858	0.896	0.918	0.897	0.916	0.888	0.840	0.819	0.859	6.60
7)	S	Phenol-d6	0.895	0.893	1.034	1.072	1.133	1.099	1.139	1.119	1.044	1.017	1.045	8.58
8)	T	Phenol	1.089	1.123	1.156	1.215	1.225	1.205	1.201	1.199	1.113	1.077	1.160	4.80
9)	T	bis(2-Chloroethyl)ether	1.013	1.006	0.957	1.013	1.037	0.963	0.976	0.952	0.885	0.862	0.966	5.86
10)	T	1,3-Dichlorobenzene		1.032	1.032	1.007	1.061	0.987	1.010	1.000	0.918	0.889	0.993	5.60
11)	T	1,4-Dichlorobenzene		1.044	1.069	1.097	1.075	1.013	1.022	1.025	0.942	0.916	1.023	5.89
12)	T	1,2-Dichlorobenzene		0.991	0.953	1.025	1.048	0.962	0.967	0.969	0.866	0.875	0.962	6.29
13)	t	Benzyl alcohol	0.747	0.778	0.799	0.839	0.891	0.882	0.925	0.913	0.853	0.835	0.846	6.91
14)	T	bis(2-chloroisopropyl)ether	1.101	1.115	1.096	1.126	1.148	1.099	1.102	1.061	0.954	0.916	1.072	7.09
15)	T	2-Methylphenol	0.654	0.780	0.758	0.804	0.845	0.839	0.873	0.861	0.808	0.769	0.799	8.03
16)	T	Hexachloroethane	0.456	0.419	0.423	0.449	0.450	0.416	0.425	0.411	0.382	0.374	0.421	6.50
17)	T	n-Nitrosodi-n-propylamine	0.685	0.713	0.687	0.733	0.738	0.736	0.785	0.741	0.692	0.671	0.718	4.84
18)	T	3-Methylphenol/4-Methylphenol	0.769	0.772	0.810	0.904	0.957	0.888	0.938	0.914	0.850	0.822	0.862	7.85
19)	S	Nitrobenzene-d5	1.365	1.336	1.354	1.468	1.488	1.421	1.515	1.454	1.331	1.288	1.402	5.51
20)	T	Nitrobenzene	1.058	1.098	1.119	1.227	1.253	1.160	1.222	1.180	1.085	1.045	1.145	6.50
21)	T	Isophorone	1.618	1.739	1.800	1.961	2.046	1.994	2.094	2.039	1.921	1.900	1.911	7.90
22)	T	2-Nitrophenol				0.401	0.419	0.432	0.456	0.453	0.434	0.421	0.431	4.51
23)	T	2,4-Dimethylphenol	0.749	0.921	0.949	1.014	1.068	1.025	1.072	1.051	0.978	0.917	0.974	10.02
24)	T	bis(2-Chloroethoxy)methane		1.208	1.278	1.289	1.344	1.224	1.289	1.244	1.123	1.110	1.234	6.34
25)	T	2,4-Dichlorophenol		0.531	0.640	0.710	0.741	0.729	0.783	0.766	0.695	0.696	0.699	10.85
26)	T	1,2,4-Trichlorobenzene		0.835	0.831	0.859	0.816	0.783	0.783	0.776	0.732	0.717	0.793	6.01
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.741	0.732	0.744	0.794	0.841	0.816	0.798	0.844	0.843	0.812	0.797	5.49
29)	T	Acetophenone	1.225	1.283	1.325	1.370	1.474	1.464	1.436	1.485	1.531	1.473	1.407	7.14
30)	T	m-Toluidine		1.013	1.200	1.271	1.394	1.417	1.423	1.528	1.548	1.477	1.363	12.70
31)	T	2-Chloroaniline	0.919	0.963	1.076	1.095	1.157	1.159	1.159	1.228	1.251	1.177	1.118	9.63
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	n-Decane	0.899	0.894	0.862	0.949	0.932	0.979	0.977	0.965	0.985	0.959	0.940	4.47
34)	I	IS1_Naphthalene-d8	----------ISTD----------											
35)	T	Naphthalene		1.124	1.159	1.170	1.188	1.161	1.119	1.140	1.128	1.133	1.147	2.06
36)	T	Benzoic Acid					0.166	0.200	0.256	0.278	0.315	0.323	*L	0.9987

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2011627**
Project Name	**: FORMER PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL16200**
Calibration dates	**: 09/27/19 20:42 09/28/19 10:53**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD	
37)	T	4-Chloroaniline	0.107	0.160	0.143	0.153	0.171	0.167	0.166	0.169	0.163	0.165	0.156	12.35	
38)	T	Hexachlorobutadiene	0.165	0.177	0.178	0.175	0.173	0.179	0.172	0.175	0.174	0.178	0.175	2.30	
39)	T	p-Chloro-m-cresol		0.260	0.301	0.329	0.363	0.363	0.370	0.377	0.383	0.378	0.347	12.15	
40)	T	2-Methylnaphthalene		0.670	0.719	0.739	0.744	0.734	0.716	0.753	0.728	0.739	0.727	3.35	
41)	T	1-Methylnaphthalene		0.310	0.316	0.327	0.337	0.318	0.315	0.324	0.308	0.310	0.318	2.97	
42)	T	Hexachlorocyclopentadiene			0.191	0.200	0.197	0.207	0.213	0.224	0.225	0.222	0.210	6.29	
43)	T	2,4,6-Trichlorophenol			0.165	0.205	0.199	0.217	0.220	0.234	0.238	0.238	0.214	11.50	
44)	T	2,4,5-Trichlorophenol			0.197	0.210	0.226	0.232	0.240	0.251	0.239	0.247	0.230	8.06	
45)	S	2-Fluorobiphenyl	1.052	1.033	1.030	1.072	1.087	1.052	1.040	1.078	1.056	1.057	1.056	1.78	
46)	T	2-Chloronaphthalene	0.649	0.711	0.712	0.727	0.738	0.710	0.706	0.735	0.717	0.731	0.714	3.57	
47)	T	2-Nitroaniline			0.171	0.190	0.207	0.215	0.238	0.246	0.239	0.236	0.218	12.35	
48)	T	1,4-Dinitrobenzene					0.100	0.105	0.107	0.117	0.116	0.115	0.110	6.36	
49)	T	1,3-Dinitrobenzene				0.100	0.116	0.121	0.126	0.128	0.124	0.125	0.120	8.06	
50)	T	Dimethyl phthalate	1.037	0.913	0.876	0.866	0.887	0.873	0.856	0.854	0.812	0.804	0.878	7.36	
51)	T	Acenaphthylene	0.971	0.946	1.067	1.091	1.151	1.145	1.131	1.179	1.148	1.144	1.097	7.27	
52)	T	2,6-Dinitrotoluene			0.143	0.162	0.178	0.178	0.180	0.190	0.180	0.185	0.175	8.68	
53)	T	1,2-Dinitrobenzene			0.067	0.068	0.077	0.077	0.079	0.081	0.079	0.077	0.076	6.97	
54)	I	IS2_Naphthalene-d8	----------ISTD----------												
55)	T	a-Terpineol		0.227	0.269	0.274	0.295	0.294	0.314	0.319	0.336	0.315	0.294	11.27	
56)	T	3-Chloroaniline	0.139	0.152	0.172	0.177	0.182	0.179	0.186	0.193	0.196	0.185	0.176	10.11	
57)	T	2,6-Dichlorophenol			0.233	0.247	0.268	0.281	0.293	0.294	0.318	0.299	0.279	10.17	
58)	T	1-chloro-2-nitrobenzene			0.168	0.163	0.175	0.167	0.181	0.177	0.186	0.177	0.174	4.37	
59)	T	Caprolactam			0.088	0.100	0.122	0.140	0.160	0.159	0.173	0.162		*L	0.9982
60)	T	1,2,4,5-Tetrachlorobenzene	0.302	0.299	0.299	0.308	0.319	0.315	0.312	0.299	0.330	0.306	0.309	3.34	
61)	T	Biphenyl	0.811	0.819	0.880	0.857	0.930	0.891	0.911	0.900	0.936	0.875	0.881	4.80	
62)	I	IS1_Acenaphthene-d10	----------ISTD----------												
63)	T	3-Nitroaniline			0.306	0.338	0.363	0.357	0.363	0.365	0.392	0.357	0.355	6.95	
64)	T	Acenaphthene		1.250	1.230	1.208	1.197	1.171	1.152	1.164	1.252	1.164	1.199	3.22	
65)	T	2,4-Dinitrophenol					0.130	0.147	0.174	0.183	0.218	0.205		*L	0.9970
66)	T	Dibenzofuran		1.881	1.922	1.866	1.949	1.766	1.759	1.784	1.820	1.728	1.830	4.24	
67)	T	2,4-Dinitrotoluene			0.349	0.412	0.456	0.426	0.429	0.461	0.475	0.461	0.434	9.29	
68)	T	4-Nitrophenol				0.314	0.330	0.352	0.358	0.383	0.410	0.383	0.362	9.15	
69)	T	2,3,5,6-Tetrachlorophenol				0.274	0.290	0.291	0.305	0.321	0.329	0.327	0.305	6.89	
70)	T	2,3,4,6-Tetrachlorophenol			0.248	0.292	0.309	0.295	0.312	0.317	0.328	0.317	0.302	8.26	
71)	T	Diethyl phthalate	1.448	1.510	1.574	1.544	1.577	1.537	1.532	1.595	1.663	1.573	1.555	3.64	
72)	T	Fluorene	1.282	1.336	1.501	1.438	1.479	1.394	1.397	1.422	1.486	1.421	1.416	4.81	

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2011627**
Project Name	**: FORMER PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL16200**
Calibration dates	**: 09/27/19 20:42 09/28/19 10:53**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
73)	T	4-Chlorophenyl-phenylether		0.684	0.681	0.694	0.673	0.657	0.651	0.658	0.673	0.638	0.668	2.69
74)	T	4-Nitroaniline			0.318	0.376	0.381	0.371	0.410	0.401	0.427	0.393	0.385	8.49
75)	T	4,6-Dinitro-o-cresol				0.175	0.200	0.214	0.239	0.266	0.295	0.274	*L	0.9970
76)	T	NDPA/DPA	1.046	1.140	1.284	1.269	1.315	1.261	1.277	1.282	1.348	1.275	1.250	7.12
77)	T	Azobenzene		1.580	1.701	1.794	1.795	1.732	1.751	1.736	1.845	1.705	1.738	4.34
78)	S	2,4,6-Tribromophenol			0.099	0.112	0.117	0.125	0.128	0.134	0.149	0.146	0.126	13.22
79)	T	4-Bromophenyl-phenylether	0.288	0.328	0.334	0.316	0.333	0.311	0.336	0.323	0.345	0.340	0.325	5.21
80)	T	Hexachlorobenzene	0.306	0.305	0.318	0.308	0.309	0.302	0.308	0.321	0.338	0.334	0.315	3.99
81)	T	Pentachlorophenol				0.155	0.178	0.187	0.203	0.226	0.256	0.242	*L	0.9971
82)	I	IS2_Acenaphthene-d10	----------ISTD----------											
83)	T	Dichloran				0.091	0.117	0.130	0.152	0.167	0.181	0.175	*Q	0.9989
84)	T	Pentachloronitrobenzene			0.114	0.130	0.154	0.152	0.148	0.165	0.167	0.158	0.148	12.07
85)	I	IS3_Acenaphthene-d10	----------ISTD----------											
86)	T	Atrazine		0.182	0.207	0.239	0.295	0.328	0.356	0.357	0.390	0.395	*Q	0.9989
87)	I	IS1_Phenanthrene-d10	----------ISTD----------											
88)	T	Phenanthrene		1.243	1.205	1.197	1.224	1.188	1.235	1.212	1.253	1.207	1.218	1.79
89)	T	Anthracene	1.022	1.095	1.148	1.189	1.247	1.208	1.236	1.264	1.264	1.256	1.193	6.84
90)	T	Carbazole		0.812	0.995	1.103	1.124	1.144	1.205	1.191	1.226	1.170	1.108	11.76
91)	T	Di-n-butylphthalate			1.032	1.168	1.367	1.415	1.527	1.573	1.679	1.595	*L	0.9990
92)	T	Fluoranthene	1.047	1.056	1.152	1.241	1.322	1.306	1.372	1.380	1.467	1.340	1.268	11.16
93)	T	Benzidine					0.742	0.836	0.990	1.008	1.093	1.005	0.946	13.74
94)	T	Pyrene	1.170	1.210	1.242	1.329	1.465	1.402	1.484	1.479	1.542	1.473	1.380	9.59
95)	S	4-Terphenyl-d14		0.872	0.898	0.923	1.009	0.960	1.047	1.057	1.094	1.027	0.987	7.84
96)	T	Butyl benzyl phthalate			0.334	0.424	0.516	0.592	0.688	0.705	0.758	0.718	*L	0.9984
97)	I	IS2_Phenanthrene-d10	----------ISTD----------											
98)	T	Diphenamid			0.333	0.395	0.464	0.505	0.549	0.574	0.579	0.585	0.498	18.83
99)	I	IS3_Phenanthrene-d10	----------ISTD----------											
100)	T	n-Octadecane			0.415	0.472	0.489	0.523	0.547	0.522	0.544	0.538	0.506	8.95
101)	T	Parathion			0.047	0.064	0.075	0.097	0.136	0.141	0.181	0.181	*Q	0.9982
102)	T	3,3'-Dimethylbenzidine			0.195	0.297	0.389	0.502	0.678	0.690	0.810		*Q	0.9996
103)	I	IS1_Chrysene-d12	----------ISTD----------											
104)	T	Benzo[a]anthracene	1.145	1.170	1.225	1.316	1.394	1.383	1.417	1.456	1.498	1.480	1.348	9.53
105)	T	3,3'-Dichlorobenzidine			0.286	0.357	0.418	0.449	0.489	0.504	0.523	0.529	*L	0.9996
106)	T	Chrysene	1.626	1.399	1.518	1.390	1.474	1.456	1.408	1.421	1.452	1.474	1.462	4.78
107)	T	bis(2-Ethylhexyl)phthalate		0.399	0.615	0.807	0.968	1.076	1.130	1.181	1.221	1.250	*L	0.9872
108)	T	Di-n-octylphthalate			0.727	1.062	1.358	1.628	1.872	2.008	2.121	2.209	*L	0.9980

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2011627**
Project Name	**: FORMER PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL16200**
Calibration dates	**: 09/27/19 20:42 09/28/19 10:53**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
109)	T	Benzo(b)fluoranthene		0.983	1.207	1.375	1.369	1.305	1.279	1.265	1.411	1.484	1.298	11.15
110)	T	Benzo(k)fluoranthene		1.000	1.106	1.156	1.192	1.182	1.275	1.322	1.347	1.300	1.209	9.37
111)	T	Benzo(a)pyrene		0.735	0.935	1.166	1.164	1.226	1.245	1.312	1.344	1.338	*L	0.9995
112)	I	IS1_Perylene-d12	----------ISTD----------											
113)	T	Indeno(1,2,3-cd)pyrene		0.787	0.815	0.955	1.109	1.083	1.154	1.108	1.223	1.159	1.044	14.91
114)	T	Dibenzo[a,h]anthracene		0.854	0.982	1.073	1.169	1.161	1.236	1.160	1.214	1.147	1.111	11.04
115)	T	Benzo(g,h,i)perylene	0.876	1.002	1.023	1.077	1.127	1.170	1.222	1.134	1.063		1.077	9.56

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627		
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV107	**Calibration Date**	: 03/18/20 20:15		
Lab File ID	: ABN0318	**Init. Calib. Date(s)**	: 09/27/19	09/28/19	
Sample No	: WG1352680-3	**Init. Calib. Times**	: 20:42	10:53	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	4	4	-	0	20	110	0
n-Nitrosodimethylamine	0.585	0.638	-	-9.1	20	126	0
Pyridine	0.903	0.984	-	-9	20	117	0
2-Fluorophenol	0.797	0.912	-	-14.4	20	119	0
Aniline	1.403	1.636	-	-16.6	20	125	0
2-Chlorophenol	0.859	0.971	-	-13	20	119	0
Phenol-d6	1.045	1.267	-	-21.2*	20	127	0
Phenol	1.16	1.295	-	-11.6	20	118	0
Bis(2-chloroethyl)ether	0.966	1.009	-	-4.5	20	115	0
1,3-Dichlorobenzene	0.993	1.076	-	-8.4	20	120	0
1,4-Dichlorobenzene	1.023	1.08	-	-5.6	20	117	0
1,2-Dichlorobenzene	0.962	1.045	-	-8.6	20	119	0
Benzyl alcohol	0.846	0.804	-	5	20	100	0
Bis(2-chloroisopropyl)ethe	1.072	0.908	-	15.3	20	91	0
2-Methylphenol	0.799	0.921	-	-15.3	20	121	0
Hexachloroethane	0.421	0.418	-	0.7	20	110	0
n-Nitrosodi-n-propylamine	0.718	0.72	-	-0.3	20	108	0
3-Methylphenol/4-Methylphe	0.862	0.978	-	-13.5	20	121	0
Nitrobenzene-d5	1.402	1.08	-	23*	20	84	0
Nitrobenzene	1.145	1.083	-	5.4	20	103	0
Isophorone	1.911	1.997	-	-4.5	20	110	0
2-Nitrophenol	0.431	0.512	-	-18.8	20	130	0
2,4-Dimethylphenol	0.974	0.81	-	16.8	20	87	0
Bis(2-chloroethoxy)methane	1.234	1.261	-	-2.2	20	113	0
2,4-Dichlorophenol	0.699	0.773	-	-10.6	20	117	0
1,2,4-Trichlorobenzene	0.793	0.786	-	0.9	20	110	0
IS1_Naphthalene-d8	1	1	-	0	20	115	0
Naphthalene	1.147	1.195	-	-4.2	20	119	0
Benzoic Acid	5	5.434	-	-8.7	20	139	0
4-Chloroaniline	0.156	0.137	-	12.2	20	95	0
Hexachlorobutadiene	0.175	0.158	-	9.7	20	102	0
p-Chloro-m-cresol	0.347	0.355	-	-2.3	20	113	0
2-Methylnaphthalene	0.727	0.717	-	1.4	20	113	0
1-Methylnaphthalene	0.318	0.262	-	17.6	20	95	0
Hexachlorocyclopentadiene	0.21	0.195	-	7.1	20	109	0
2,4,6-Trichlorophenol	0.214	0.207	-	3.3	20	110	0
2,4,5-Trichlorophenol	0.23	0.228	-	0.9	20	113	0
2-Fluorobiphenyl	1.056	0.821	-	22.3*	20	90	0
2-Chloronaphthalene	0.714	0.703	-	1.5	20	114	0
2-Nitroaniline	0.218	0.233	-	-6.9	20	125	0
1,4-Dinitrobenzene	0.11	0.106	-	3.6	20	117	0
1,3-Dinitrobenzene	0.12	0.129	-	-7.5	20	124	0
Dimethyl phthalate	0.878	0.816	-	7.1	20	108	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627		
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV107	**Calibration Date**	: 03/18/20 20:15		
Lab File ID	: ABN0318	**Init. Calib. Date(s)**	: 09/27/19	09/28/19	
Sample No	: WG1352680-3	**Init. Calib. Times**	: 20:42	10:53	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.097	1.165	-	-6.2	20	117	0
2,6-Dinitrotoluene	0.175	0.181	-	-3.4	20	117	0
1,2-Dinitrobenzene	0.076	0.081	-	-6.6	20	122	0
IS1_Acenaphthene-d10	1	1	-	0	20	109	0
3-Nitroaniline	0.355	0.398	-	-12.1	20	122	0
Acenaphthene	1.199	1.246	-	-3.9	20	116	0
2,4-Dinitrophenol	5	6.245	-	-24.9*	20	154	0
Dibenzofuran	1.83	1.795	-	1.9	20	111	0
2,4-Dinitrotoluene	0.434	0.451	-	-3.9	20	116	0
4-Nitrophenol	0.362	0.333	-	8	20	104	0
2,3,5,6-Tetrachlorophenol	0.305	0.319	-	-4.6	20	120	0
2,3,4,6-Tetrachlorophenol	0.302	0.31	-	-2.6	20	115	0
Diethyl phthalate	1.555	1.429	-	8.1	20	102	0
Fluorene	1.416	1.458	-	-3	20	114	0
4-Chlorophenyl phenyl ethe	0.668	0.637	-	4.6	20	106	0
4-Nitroaniline	0.385	0.369	-	4.2	20	109	0
4,6-Dinitro-o-cresol	5	5.517	-	-10.3	20	134	0
NDPA/DPA	1.25	1.274	-	-1.9	20	111	0
Azobenzene	1.738	1.505	-	13.4	20	95	0
2,4,6-Tribromophenol	0.126	0.134	-	-6.3	20	118	0
4-Bromophenyl phenyl ether	0.325	0.307	-	5.5	20	108	0
Hexachlorobenzene	0.315	0.33	-	-4.8	20	120	0
Pentachlorophenol	5	5.359	-	-7.2	20	129	0
IS1_Phenanthrene-d10	1	1	-	0	20	113	0
Phenanthrene	1.218	1.213	-	0.4	20	115	0
Anthracene	1.193	1.233	-	-3.4	20	115	0
Carbazole	1.108	1.122	-	-1.3	20	110	0
Di-n-butylphthalate	5	4.574	-	8.5	20	107	0
Fluoranthene	1.268	1.296	-	-2.2	20	112	0
Benzidine	0.946	0.878	-	7.2	20	118	0
Pyrene	1.38	1.334	-	3.3	20	107	0
4-Terphenyl-d14	0.987	0.719	-	27.2*	20	84	0
Butyl benzyl phthalate	5	4.654	-	6.9	20	111	0
IS1_Chrysene-d12	1	1	-	0	20	106	0
Benzo(a)anthracene	1.348	1.416	-	-5	20	108	0
3,3'-Dichlorobenzidine	5	5.354	-	-7.1	20	119	0
Chrysene	1.462	1.463	-	-0.1	20	106	0
Bis(2-ethylhexyl)phthalate	5	4.818	-	3.6	20	101	0
Di-n-octylphthalate	5	5.095	-	-1.9	20	118	0
Benzo(b)fluoranthene	1.298	1.421	-	-9.5	20	115	0
Benzo(k)fluoranthene	1.209	1.254	-	-3.7	20	112	0
Benzo(a)pyrene	5	5.029	-	-0.6	20	110	0
IS1_Perylene-d12	1	1	-	0	20	109	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627		
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV107	**Calibration Date**	: 03/18/20 20:15		
Lab File ID	: ABN0318	**Init. Calib. Date(s)**	: 09/27/19	09/28/19	
Sample No	: WG1352680-3	**Init. Calib. Times**	: 20:42	10:53	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.044	1.196	-	-14.6	20	120	0
Dibenzo(a,h)anthracene	1.111	1.31	-	-17.9	20	123	0
Benzo(ghi)perylene	1.077	1.305	-	-21.2*	20	122	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627		
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV107	**Calibration Date**	: 03/18/20 20:42		
Lab File ID	: AP90318	**Init. Calib. Date(s)**	: 09/27/19	09/28/19	
Sample No	: WG1352680-4	**Init. Calib. Times**	: 20:42	10:53	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	121	0
Benzaldehyde	0.797	0.861	-	-8	20	128	0
Acetophenone	1.407	1.58	-	-12.3	20	131	0
m-Toluidine	1.363	1.606	-	-17.8	20	137	0
2-Chloroaniline	1.118	1.355	-	-21.2*	20	141	0
IS2_Naphthalene-d8	1	1	-	0	20	130	0
a-Terpineol	0.294	0.289	-	1.7	20	128	0
3-Chloroaniline	0.179	0.151	-	15.6	20	110	0
2,6-Dichlorophenol	0.279	0.297	-	-6.5	20	137	0
1-chloro-2-nitrobenzene	0.174	0.162	-	6.9	20	126	0
Caprolactam	5	4.743	-	5.1	20	128	0
1,2,4,5-Tetrachlorobenzene	0.309	0.291	-	5.8	20	120	0
Biphenyl	0.881	0.857	-	2.7	20	125	0
IS2_Acenaphthene-d10	1	1	-	0	20	123	0
Dichloran	5	5.466	-	-9.3	20	148	0
Pentachloronitrobenzene	0.148	0.134	-	9.5	20	109	0
IS2_Phenanthrene-d10	1	1	-	0	20	122	0
Diphenamid	0.498	0.541	-	-8.6	20	131	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627		
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV107	**Calibration Date**	: 03/18/20 21:10		
Lab File ID	: ADP0318	**Init. Calib. Date(s)**	: 09/27/19	09/28/19	
Sample No	: WG1352680-5	**Init. Calib. Times**	: 20:42	10:53	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	129	0
n-Decane	0.94	0.881	-	6.3	20	116	0
IS3_Acenaphthene-d10	1	1	-	0	20	123	0
Atrazine	5	5.149	-	-3	20	128	0
IS3_Phenanthrene-d10	1	1	-	0	20	113	0
n-Octadecane	0.506	0.474	-	6.3	20	102	0
Parathion	5	5.387	-	-7.7	20	147	0
3,3'-Dimethylbenzidine	5	6.114	-	-22.3*	20	161	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Lisko Environmental, LLC
Project Name: FORMER PISTOIA TIRE CO INC.

Lab Number: L2011627
Project Number: 0064-4
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (NBZ)	S2 (FBP)	S3 (TPH)	S4 ()	S5 ()	S6 ()	TOT OUT
MW-1 (L2011627-01)	35	38	48	--	--	--	0
MW-2 (L2011627-02)	35	37	46	--	--	--	0
MW-3 (L2011627-03)	51	51	54	--	--	--	0
MW-4 (L2011627-04)	51	55	65	--	--	--	0
WG1352237-1BLANK	53	55	59	--	--	--	0
WG1352237-2LCS	53	50	53	--	--	--	0
WG1352237-3LCSD	51	55	60	--	--	--	0

QC LIMITS

(30-130) NBZ = NITROBENZENE-D5
(30-130) FBP = 2-FLUOROBIPHENYL
(30-130) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NJ-BNEXT-LVI

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Matrix	: WATER		
LCS Sample ID	: WG1352237-2 **Analysis Date** : 03/18/20 22:03	**File ID**	: 352237-2
LCSD Sample ID	: WG1352237-3 **Analysis Date** : 03/18/20 22:30	**File ID**	: 352237-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Acenaphthene	18	13	71		18	14	75		5	70-130	20
Bis(2-chloroethyl)ether	18	12	67	Q	18	13	71		6	70-130	20
2-Chloronaphthalene	18	13	71		18	13	72		1	70-130	20
2,4-Dinitrotoluene	18	14	76		18	15	82		8	70-130	20
2,6-Dinitrotoluene	18	14	75		18	16	86		14	70-130	20
Fluoranthene	18	14	74		18	14	80		8	70-130	20
4-Chlorophenyl phenyl ether	18	12	69	Q	18	14	77		11	70-130	20
Bis(2-chloroisopropyl)ether	18	10	55	Q	18	11	58	Q	5	70-130	20
Bis(2-chloroethoxy)methane	18	13	70		18	13	73		4	70-130	20
Hexachlorocyclopentadiene	18	10	58		18	11	58		0	20-160	20
Hexachloroethane	18	12	64		18	11	60		6	20-160	20
Isophorone	18	13	70		18	13	74		6	70-130	20
Naphthalene	18	12	67	Q	18	13	72		7	70-130	20
Nitrobenzene	18	11	60	Q	18	12	64	Q	6	70-130	20
NDPA/DPA	18	14	76		18	14	80		5	70-130	20
n-Nitrosodi-n-propylamine	18	12	67	Q	18	13	71		6	70-130	20
Bis(2-ethylhexyl)phthalate	18	12	68	Q	18	14	78		14	70-130	20
Butyl benzyl phthalate	18	13	70		18	14	78		11	70-130	20
Di-n-butylphthalate	18	12	69	Q	18	14	78		12	70-130	20
Di-n-octylphthalate	18	13	70		18	14	80		13	70-130	20
Diethyl phthalate	18	13	71		18	14	77		8	70-130	20
Dimethyl phthalate	18	12	67	Q	18	14	76		13	70-130	20
Chrysene	18	12	68	Q	18	13	74		8	70-130	20
Acenaphthylene	18	13	71		18	14	76		7	70-130	20
Anthracene	18	13	72		18	14	79		9	70-130	20
Benzo(ghi)perylene	18	14	76		18	15	85		11	70-130	20

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Matrix	: WATER		
LCS Sample ID	: WG1352237-2 **Analysis Date** : 03/18/20 22:03	**File ID**	: 352237-2
LCSD Sample ID	: WG1352237-3 **Analysis Date** : 03/18/20 22:30	**File ID**	: 352237-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Fluorene	18	13	73		18	15	81		10	70-130	20
Phenanthrene	18	12	68	Q	18	14	78		14	70-130	20
Pyrene	18	13	71		18	14	75		5	70-130	20
4-Chloroaniline	18	6.7	37		18	5.1	28		28 Q	20-160	20
2-Nitroaniline	18	14	77		18	15	83		8	70-130	20
3-Nitroaniline	18	11	62	Q	18	12	66	Q	6	70-130	20
4-Nitroaniline	18	11	61	Q	18	13	73		18	70-130	20
Dibenzofuran	18	12	69	Q	18	13	74		7	70-130	20
2-Methylnaphthalene	18	12	69	Q	18	13	74		7	70-130	20
Carbazole	18	13	73		18	15	81		10	70-130	20
4-Bromophenyl phenyl ether	18	13	74		18	14	75		1	70-130	20
3,3'-Dichlorobenzidine	18	12	64	Q	18	12	66	Q	3	70-130	20
Benzaldehyde	18	13	71		18	12	69		3	20-160	20
Acetophenone	18	12	67	Q	18	13	72		7	70-130	20
Caprolactam	18	6.2	34		18	6.6	36		6	20-160	20
Biphenyl	18	13	69	Q	18	14	75		8	70-130	20
1,2,4,5-Tetrachlorobenzene	18	12	65	Q	18	12	68	Q	5	70-130	20
Atrazine	18	14	79		18	16	90		13	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 03/18/20 20:15
Sample No	: WG1352680-3	**Lab File ID**	: ABN0318

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1352680-3	134039	5.87	341279	7.36	183956	9.13
Upper Limit	268078	6.37	682558	7.86	367912	9.63
Lower Limit	67020	5.37	170640	6.86	91978	8.63
Sample ID						
WG1352680-4 CCAL	127329	5.87	359333	7.36	184014	9.13
WG1352680-5 CCAL	141619	5.87	-	-	186322	9.13
WG1352237-1 BLANK	96229	5.87	252877	7.36	137532	9.13
WG1352237-2 LCS	98955	5.87	250752	7.36	136717	9.13
WG1352237-3 LCSD	102795	5.87	258911	7.36	142541	9.13
MW-3	98457	5.87	253801	7.36	136463	9.13
MW-4	100354	5.87	261228	7.36	142034	9.13
MW-2	95619	5.87	262224	7.36	144472	9.13
MW-1	101895	5.87	260629	7.36	135039	9.13

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 03/18/20 20:15
Sample No	: WG1352680-3	**Lab File ID**	: ABN0318

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1352680-3	331595	10.55	272339	13.12	269850	14.53
Upper Limit	663190	11.05	544678	13.62	539700	15.03
Lower Limit	165798	10.05	136170	12.62	134925	14.03
Sample ID						
WG1352680-4 CCAL	332919	10.55	-	-	-	-
WG1352680-5 CCAL	337117	10.55	-	-	-	-
WG1352237-1 BLANK	263285	10.55	223371	13.11	224450	14.53
WG1352237-2 LCS	260209	10.55	213258	13.11	221410	14.53
WG1352237-3 LCSD	265691	10.55	221537	13.11	221947	14.53
MW-3	266479	10.55	233077	13.11	236300	14.52
MW-4	260431	10.55	222092	13.11	243402	14.53
MW-2	268580	10.55	236714	13.11	238881	14.53
MW-1	258913	10.55	228819	13.11	234723	14.53

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 19 14:07:11 2020
Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 01:59:17 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\2003181vi\ABN0318.D
: 2 - i:\8270\sv107\2003181vi\ADP0318.D
: 3 - i:\8270\sv107\2003181vi\AP90318.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	5.869	150	98457	4.000	ug/ml	0.00
Standard Area 1 = 134039			Recovery = 73.45%			
27) IS2_1,4-Dichlorobenzen...	5.869	150	98457	4.000	ug/ml	0.00
Standard Area 3 = 127329			Recovery = 77.32%			
34) IS1_Naphthalene-d8	7.363	136	253801	4.000	ug/ml	# 0.00
Standard Area 1 = 341279			Recovery = 74.37%			
54) IS2_Naphthalene-d8	7.363	136	253801	4.000	ug/ml	# 0.00
Standard Area 3 = 359333			Recovery = 70.63%			
62) IS1_Acenaphthene-d10	9.128	164	136463	4.000	ug/ml	0.00
Standard Area 1 = 183956			Recovery = 74.18%			
85) IS3_Acenaphthene-d10	9.128	164	136463	4.000	ug/ml	0.00
Standard Area 2 = 186322			Recovery = 73.24%			
87) IS1_Phenanthrene-d10	10.545	188	266479	4.000	ug/ml	# 0.00
Standard Area 1 = 331595			Recovery = 80.36%			
103) IS1_Chrysene-d12	13.110	240	233077	4.000	ug/ml	# 0.00
Standard Area 1 = 272339			Recovery = 85.58%			
112) IS1_Perylene-d12	14.521	264	236300	4.000	ug/ml	0.00
Standard Area 1 = 269850			Recovery = 87.57%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.410	112	55762	2.843	ug/ml	-0.01
Spiked Amount 5.000	Range 15 - 110		Recovery = 56.86%			
7) Phenol-d6	5.510	99	64976	2.527	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 50.54%			
19) Nitrobenzene-d5	6.581	82	43597	1.263	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 50.52%			
45) 2-Fluorobiphenyl	8.504	172	85321	1.274	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 50.96%			
78) 2,4,6-Tribromophenol	9.892	330	13184	3.062	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 61.24%			
95) 4-Terphenyl-d14	12.116	244	88837	1.350	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 54.00%			
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 19 14:07:11 2020
Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 01:59:17 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\2003181vi\ABN0318.D
: 2 - i:\8270\sv107\2003181vi\ADP0318.D
: 3 - i:\8270\sv107\2003181vi\AP90318.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
20) Nitrobenzene	0.000		0	N.D.	d	
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.	d	
35) Naphthalene	0.000		0	N.D.	d	
37) 4-Chloroaniline	0.000		0	N.D.	d	
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.	d	
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.	d	
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.	d	
66) Dibenzofuran	0.000		0	N.D.	d	
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.	d	
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.	d	
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.	d	
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 19 14:07:11 2020
Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 01:59:17 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\2003181vi\ABN0318.D
: 2 - i:\8270\sv107\2003181vi\ADP0318.D
: 3 - i:\8270\sv107\2003181vi\AP90318.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
106) Chrysene	0.000		0	N.D.	d	
107) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108) Di-n-octylphthalate	0.000		0	N.D.	d	
115) Benzo(ghi)perylene	0.000		0	N.D.		

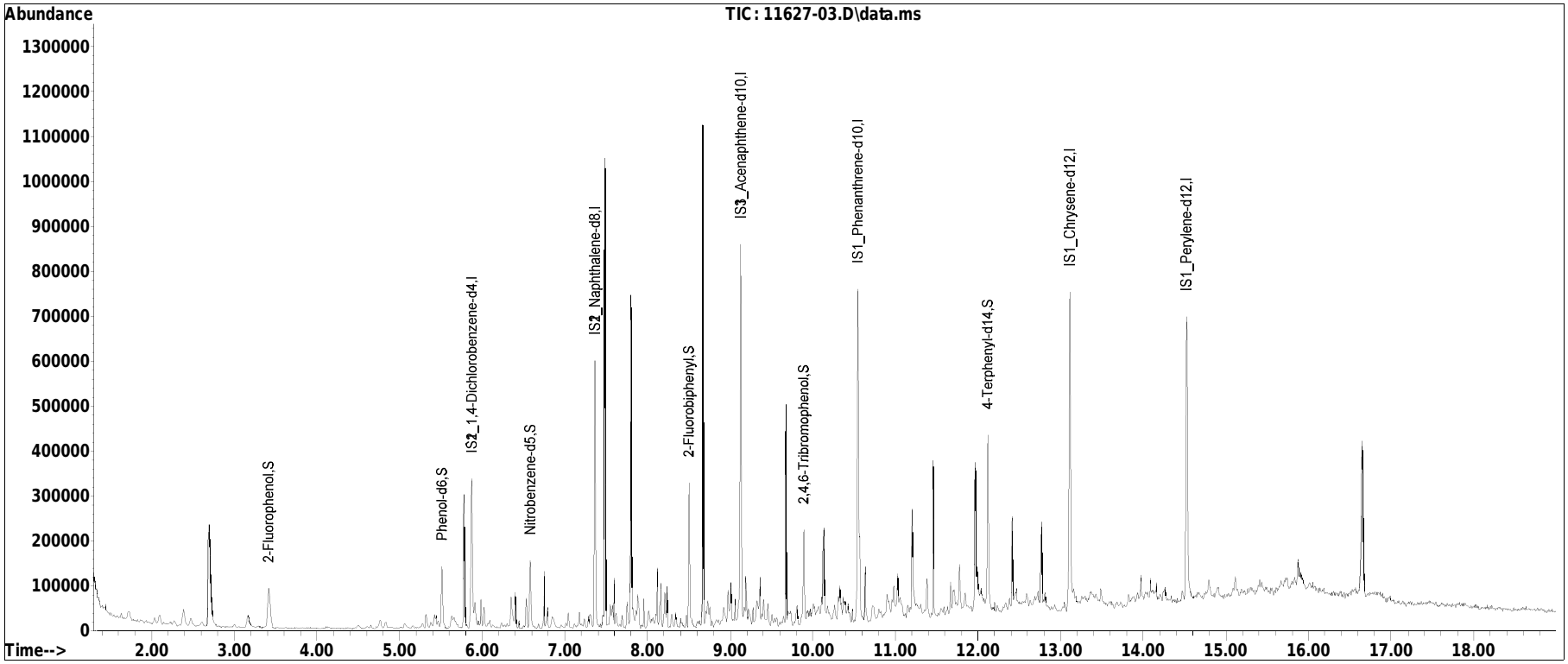
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\200318lvi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 19 14:07:11 2020
Quant Method : i:\8270\sv107\200318lvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 01:59:17 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional318.D•



Manual Integration Report

Data Path	: I:\8270\SV107\200318lvi\	QMethod	: FS190927SV107.m
Data File	: 11627-03.D	Operator	: SV107:sz
Date Inj'd	: 3/19/2020 1:37 am	Instrument	: SV 107
Sample	: L2011627-03,32,,nj-bnext-l	Quant Date	: 3/19/2020 1:59 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 11627-03.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.722	69	74	81	rVB6	18850	42430	4.49%	0.262%
2	2.105	133	139	144	rVB5	20603	39066	4.14%	0.241%
3	2.387	181	187	197	rBV2	35245	69586	7.37%	0.429%
4	2.469	197	201	212	rVB3	17045	37873	4.01%	0.234%
5	2.693	233	239	257	rVB	226151	448187	47.44%	2.764%
6	3.163	311	319	333	rVB6	28269	74455	7.88%	0.459%
7	3.410	353	361	374	rVB2	88570	183502	19.43%	1.132%
8	4.769	587	592	598	rVV3	18053	33480	3.54%	0.206%
9	5.328	682	687	692	rBV3	30003	41604	4.40%	0.257%
10	5.510	714	718	729	rVB	136817	163901	17.35%	1.011%
11	5.628	729	738	740	rBV2	26075	40406	4.28%	0.249%
12	5.781	757	764	773	rBV	297309	348432	36.88%	2.149%
13	5.869	773	779	783	rVV	333227	434486	45.99%	2.679%
14	5.904	783	785	791	rVV	58137	86938	9.20%	0.536%
15	5.987	795	799	802	rVV	63417	71895	7.61%	0.443%
16	6.022	802	805	809	rVV	45434	50745	5.37%	0.313%
17	6.345	856	860	866	rVV4	67846	110252	11.67%	0.680%
18	6.398	866	869	873	rVV	78229	73728	7.80%	0.455%
19	6.540	888	893	896	rVV	66298	63083	6.68%	0.389%
20	6.581	896	900	913	rVV2	150026	169392	17.93%	1.045%
21	6.745	921	928	931	rVV	125827	116833	12.37%	0.720%
22	6.793	931	936	940	rVB2	44763	54361	5.75%	0.335%
23	6.851	940	946	958	rBV6	24313	55226	5.85%	0.341%
24	7.040	976	978	982	rVB2	32750	30158	3.19%	0.186%
25	7.169	994	1000	1007	rBV3	32193	48232	5.11%	0.297%
26	7.310	1022	1024	1029	rVB2	28161	41434	4.39%	0.256%
27	7.363	1029	1033	1041	rBV	592706	505509	53.51%	3.117%
28	7.487	1045	1054	1058	rBV	1043676	944661	100.00%	5.825%

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.545	1061	1064	1066	rBV3	44153	44525	4.71%	0.275%
30	7.592	1070	1072	1075	rVB2	99663	85067	9.01%	0.525%
31	7.622	1075	1077	1082	rVB3	28891	32807	3.47%	0.202%
32	7.745	1095	1098	1102	rBV	57590	63170	6.69%	0.390%
33	7.798	1102	1107	1116	rBV	730626	754838	79.91%	4.655%
34	7.881	1116	1121	1127	rVB4	73948	135032	14.29%	0.833%
35	7.957	1131	1134	1138	rVB	65432	62620	6.63%	0.386%
36	8.016	1138	1144	1148	rBV6	38493	62563	6.62%	0.386%
37	8.110	1155	1160	1164	rVB	124337	138124	14.62%	0.852%
38	8.163	1164	1169	1173	rVB2	96986	127453	13.49%	0.786%
39	8.210	1173	1177	1179	rBV	76867	79657	8.43%	0.491%
40	8.234	1179	1181	1185	rVB	90447	72296	7.65%	0.446%
41	8.292	1185	1191	1195	rBV	27843	35141	3.72%	0.217%
42	8.339	1195	1199	1206	rVB3	31718	40671	4.31%	0.251%
43	8.392	1206	1208	1219	rBV6	18338	32037	3.39%	0.198%
44	8.504	1224	1227	1241	rBV	320742	302174	31.99%	1.863%
45	8.669	1250	1255	1259	rBV	1113358	883584	93.53%	5.449%
46	8.734	1259	1266	1268	rBV4	50742	85237	9.02%	0.526%
47	8.834	1277	1283	1285	rBV5	16872	30848	3.27%	0.190%
48	8.916	1290	1297	1303	rBV4	38272	78994	8.36%	0.487%
49	8.969	1303	1306	1308	rBV	70515	69297	7.34%	0.427%
50	9.004	1308	1312	1318	rVB3	82101	106455	11.27%	0.656%
51	9.063	1319	1322	1325	rBV2	47523	42410	4.49%	0.262%
52	9.128	1325	1333	1337	rBV	835836	732561	77.55%	4.517%
53	9.186	1337	1343	1347	rVB	96073	113141	11.98%	0.698%
54	9.222	1347	1349	1355	rVB6	34656	50183	5.31%	0.309%
55	9.275	1355	1358	1361	rBV3	37215	36489	3.86%	0.225%
56	9.322	1361	1366	1369	rBV4	46697	73176	7.75%	0.451%
57	9.357	1369	1372	1375	rVB2	95147	98243	10.40%	0.606%
58	9.410	1376	1381	1386	rVB2	44785	45864	4.86%	0.283%
59	9.457	1386	1389	1394	rVB2	49208	51350	5.44%	0.317%
60	9.675	1422	1426	1429	rBV	484679	384542	40.71%	2.371%

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	9.804	1440	1448	1454	rBV2	44568	89083	9.43%	0.549%
62	9.892	1454	1463	1467	rBV	210629	227893	24.12%	1.405%
63	10.010	1479	1483	1487	rVB5	24759	44488	4.71%	0.274%
64	10.133	1496	1504	1509	rBV	190890	215618	22.82%	1.330%
65	10.181	1509	1512	1520	rVB6	29576	48483	5.13%	0.299%
66	10.263	1520	1526	1531	rVB5	32101	45765	4.84%	0.282%
67	10.328	1531	1537	1542	rBV3	74645	154922	16.40%	0.955%
68	10.369	1542	1544	1550	rVB6	38170	56430	5.97%	0.348%
69	10.422	1550	1553	1560	rVB8	38918	75403	7.98%	0.465%
70	10.481	1560	1563	1566	rBV3	28736	31258	3.31%	0.193%
71	10.545	1567	1574	1586	rBV2	739515	906241	95.93%	5.588%
72	10.639	1586	1590	1597	rVB	122807	121575	12.87%	0.750%
73	10.733	1601	1606	1612	rBV5	33918	77084	8.16%	0.475%
74	10.898	1631	1634	1642	rBV6	41675	74988	7.94%	0.462%
75	10.980	1642	1648	1651	rBV4	58316	88709	9.39%	0.547%
76	11.028	1652	1656	1659	rBV	71337	70900	7.51%	0.437%
77	11.145	1673	1676	1679	rBV4	28338	39529	4.18%	0.244%
78	11.204	1679	1686	1692	rVV	230276	285635	30.24%	1.761%
79	11.375	1712	1715	1722	rVB	86507	102345	10.83%	0.631%
80	11.457	1722	1729	1738	rBV	349768	326922	34.61%	2.016%
81	11.669	1761	1765	1767	rBV2	70481	58372	6.18%	0.360%
82	11.710	1768	1772	1778	rVV7	50829	110620	11.71%	0.682%
83	11.775	1779	1783	1789	rVV5	102513	121777	12.89%	0.751%
84	11.839	1790	1794	1804	rVB7	35007	57649	6.10%	0.355%
85	11.969	1810	1816	1824	rBV2	329633	497279	52.64%	3.067%
86	12.116	1836	1841	1848	rVB	388174	407090	43.09%	2.510%
87	12.416	1887	1892	1895	rBV	199151	194957	20.64%	1.202%
88	12.592	1918	1922	1926	rVB7	28015	52097	5.51%	0.321%
89	12.769	1948	1952	1955	rVV2	181178	176010	18.63%	1.085%
90	12.810	1957	1959	1964	rVB4	30535	33349	3.53%	0.206%
91	13.045	1997	1999	2004	rVB6	20407	31399	3.32%	0.194%

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

92	13.110	2004	2010	2015	rBV	711462	808454	85.58%	4.985%
93	13.486	2073	2074	2084	rVB9	35984	51807	5.48%	0.319%
94	13.969	2153	2156	2163	rVB6	54014	65489	6.93%	0.404%
95	14.086	2173	2176	2179	rBV4	42186	43472	4.60%	0.268%
96	14.263	2200	2206	2210	rBV9	30319	61722	6.53%	0.381%
97	14.521	2246	2250	2264	rVV	630320	802201	84.92%	4.947%
98	14.792	2293	2296	2305	rVB5	37990	61002	6.46%	0.376%
99	15.110	2347	2350	2358	rVB7	41577	65510	6.93%	0.404%
100	15.863	2475	2478	2483	rBV6	57145	102468	10.85%	0.632%

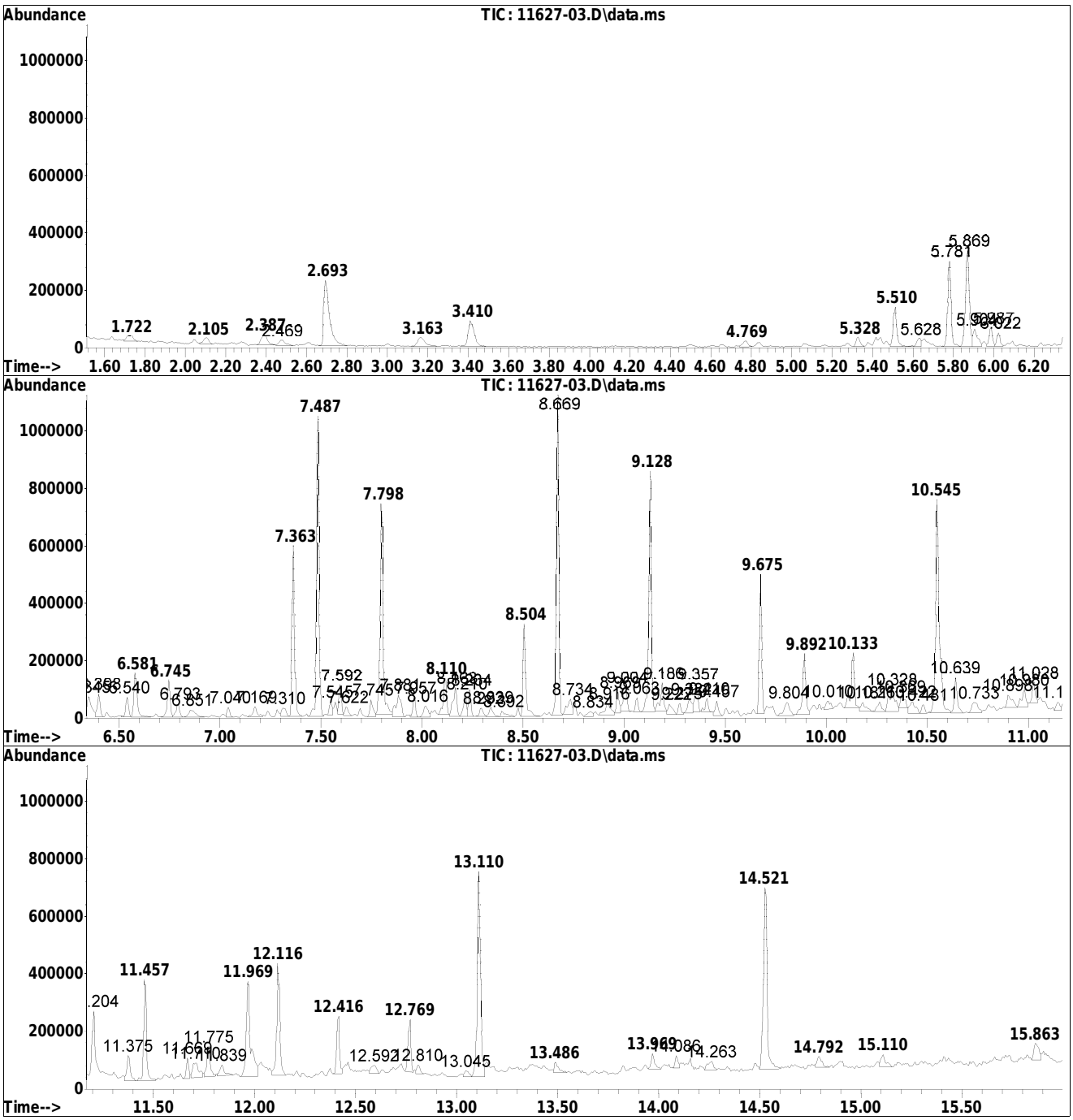
Sum of corrected areas: 16216399

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

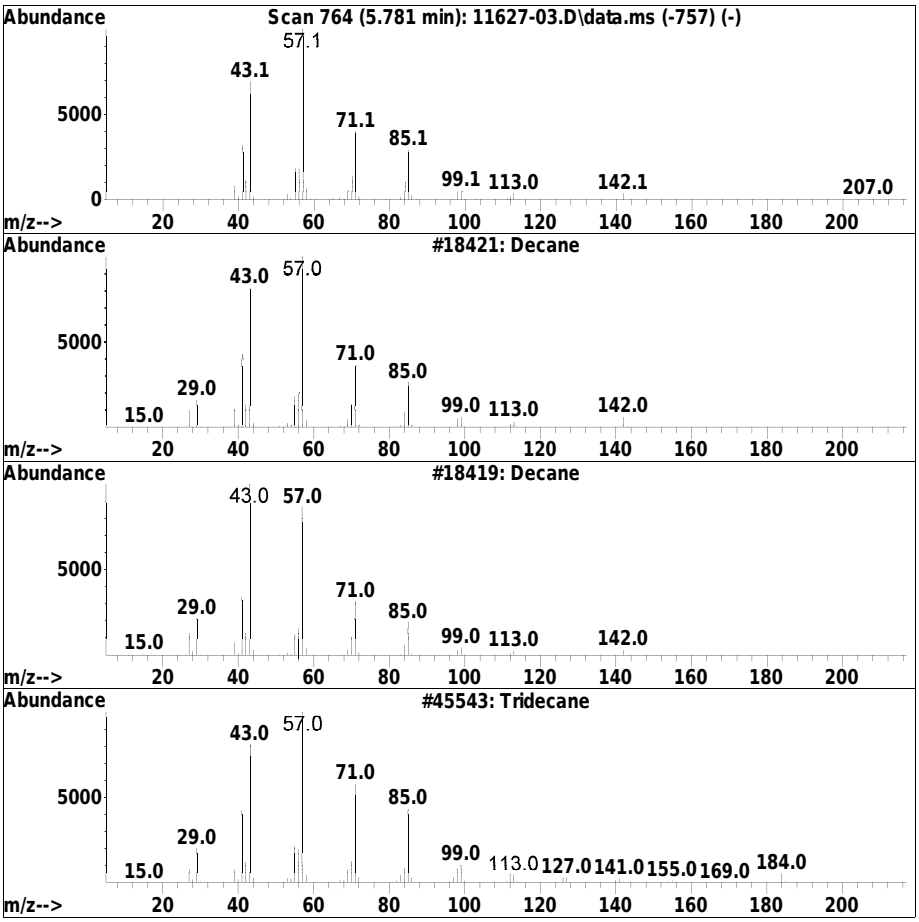
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

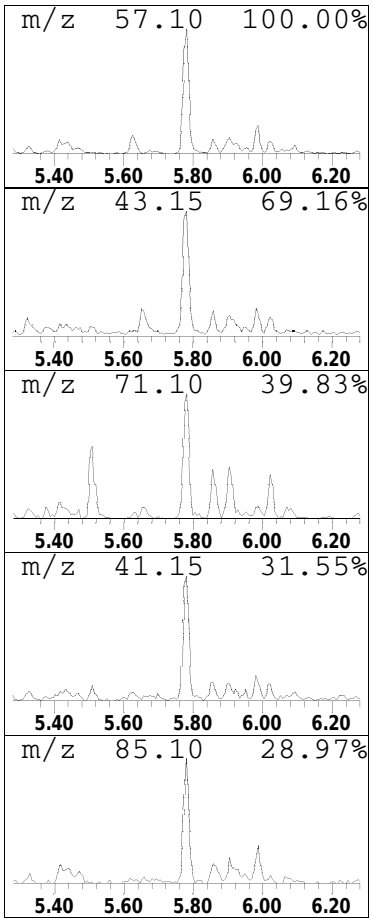
****

Peak Number 2 Unknown Alkane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.781	3.21 ug/ml	348432	IS2_1,4-Dichlorobenzene-d4	5.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Decane	142	C10H22	000124-18-5	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Undecane	156	C11H24	001120-21-4	83
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

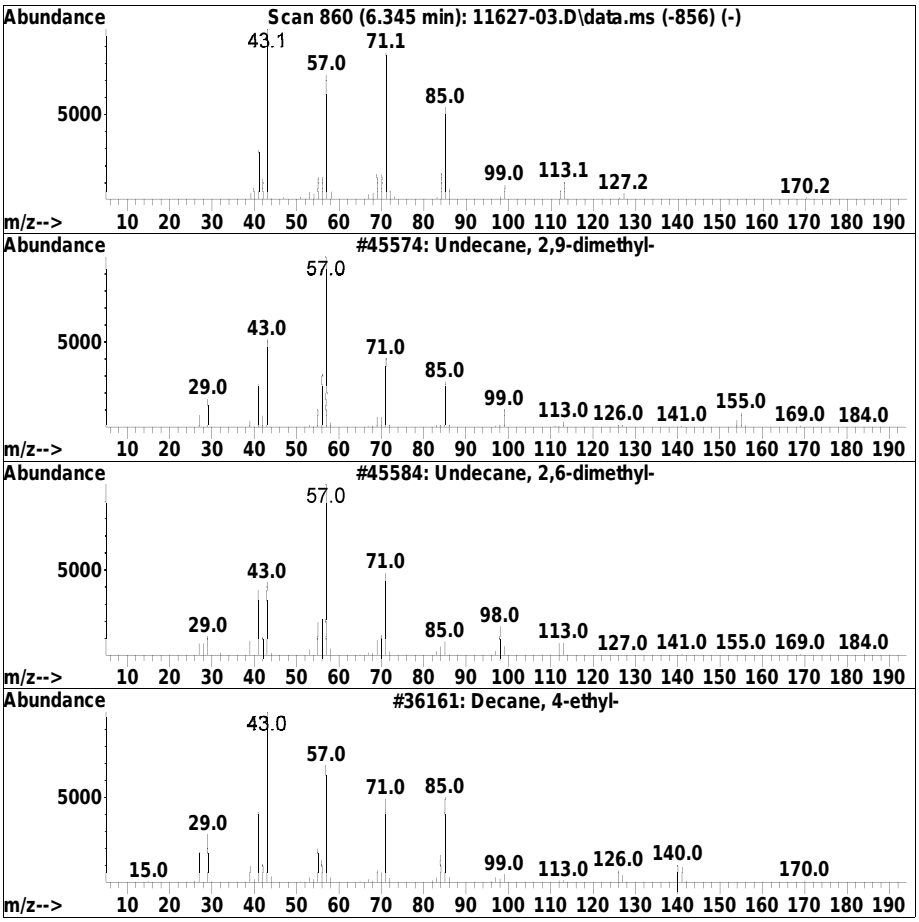
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

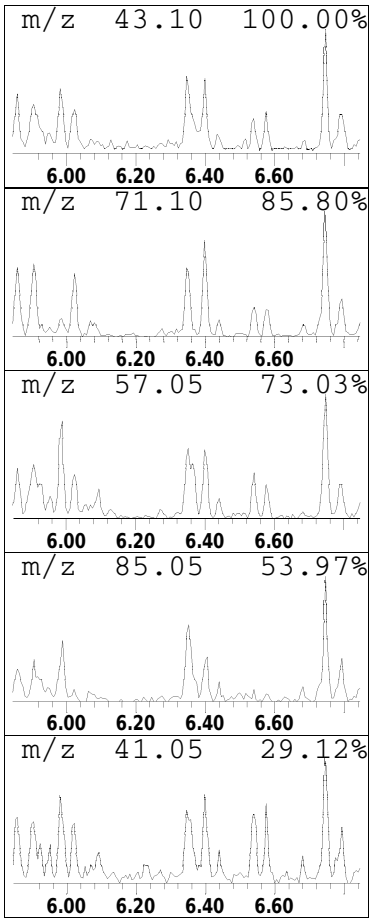
****

Peak Number 3 Unknown Alkane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.345	1.02 ug/ml	110252	IS3_1,4-Dichlorobenzene-d4	5.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
3	Decane, 4-ethyl-	170	C12H26	001636-44-8	53
4	Dodecane	170	C12H26	000112-40-3	50
5	1-Iodoundecane	282	C11H23I	004282-44-4	47





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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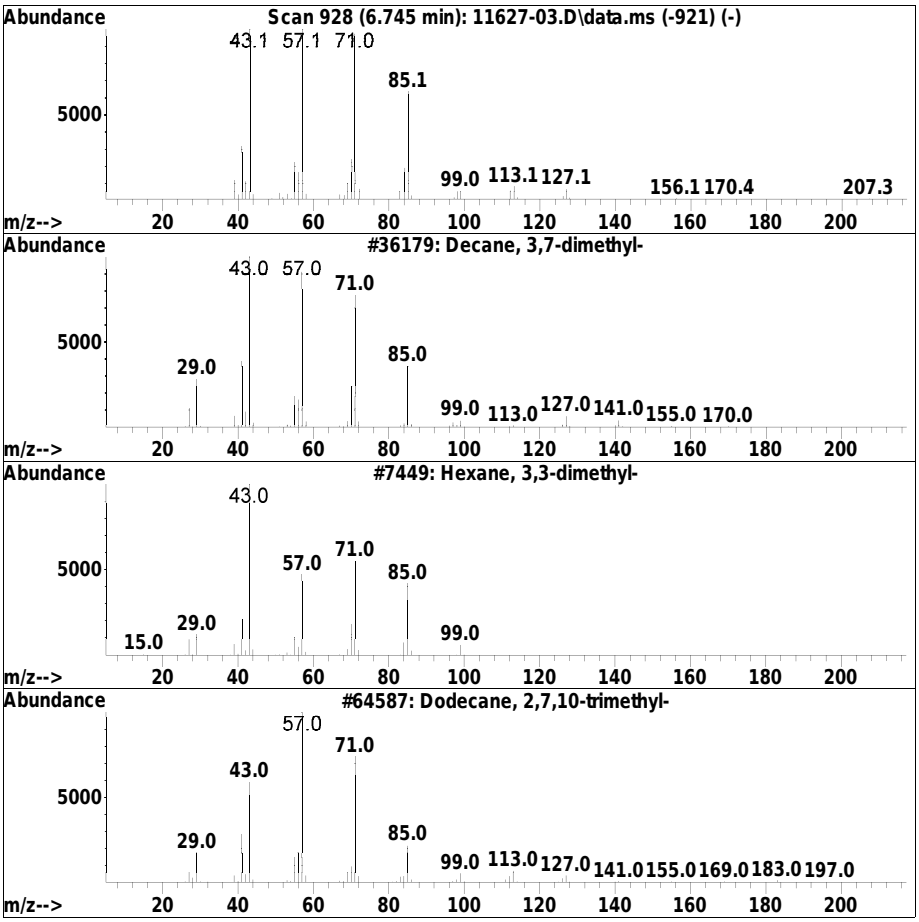
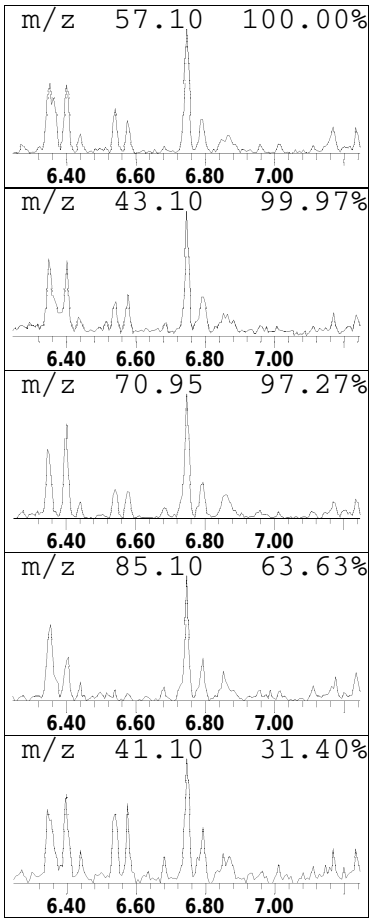
Peak Number 4 Unknown Alkane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.745	0.92 ug/ml	116833	IS1_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	76
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59
5	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	53





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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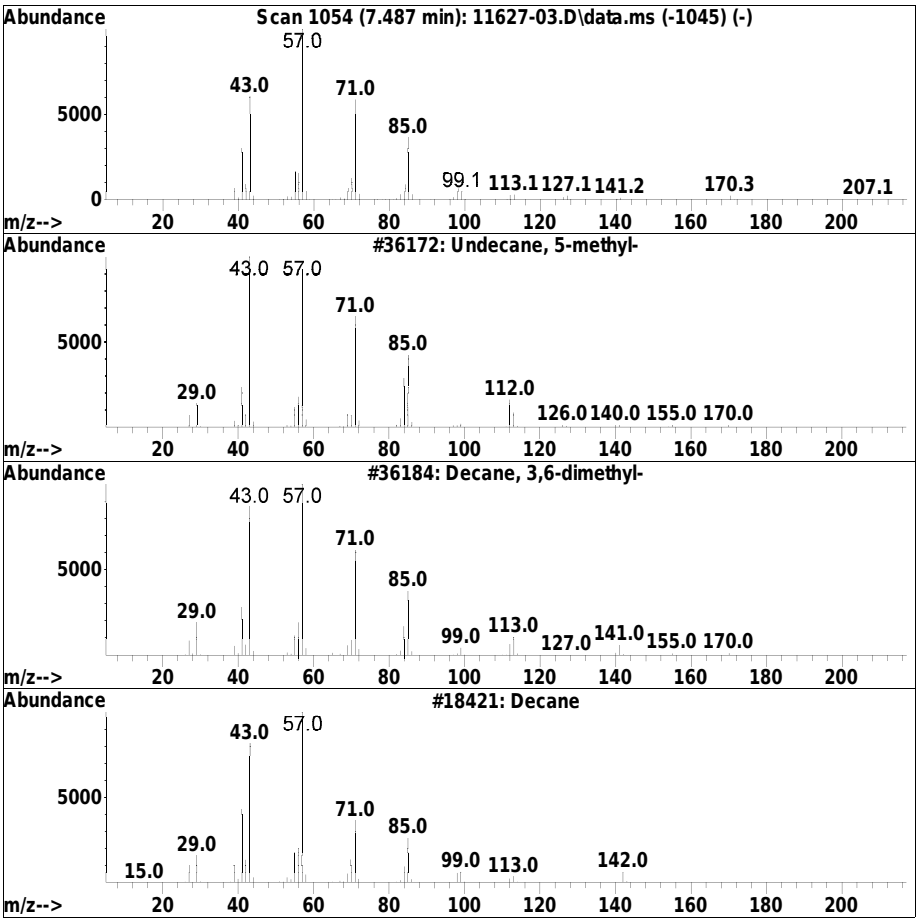
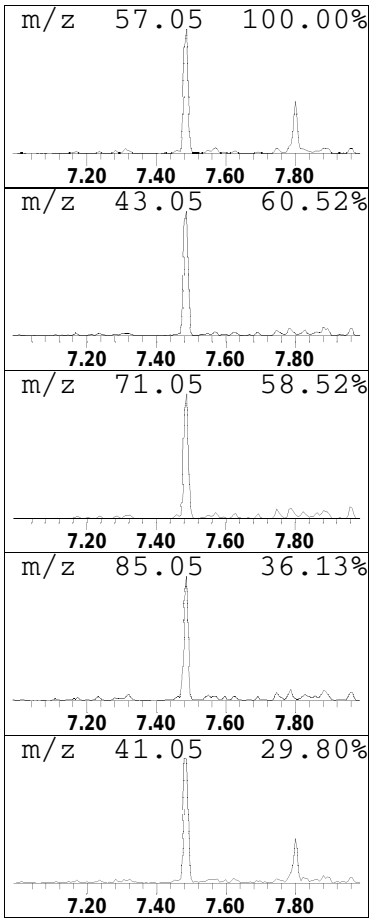
Peak Number 5 Unknown Alkane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.487	7.47 ug/ml	944661	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
3	Decane	142	C10H22	000124-18-5	59
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
5	Hexadecane	226	C16H34	000544-76-3	59





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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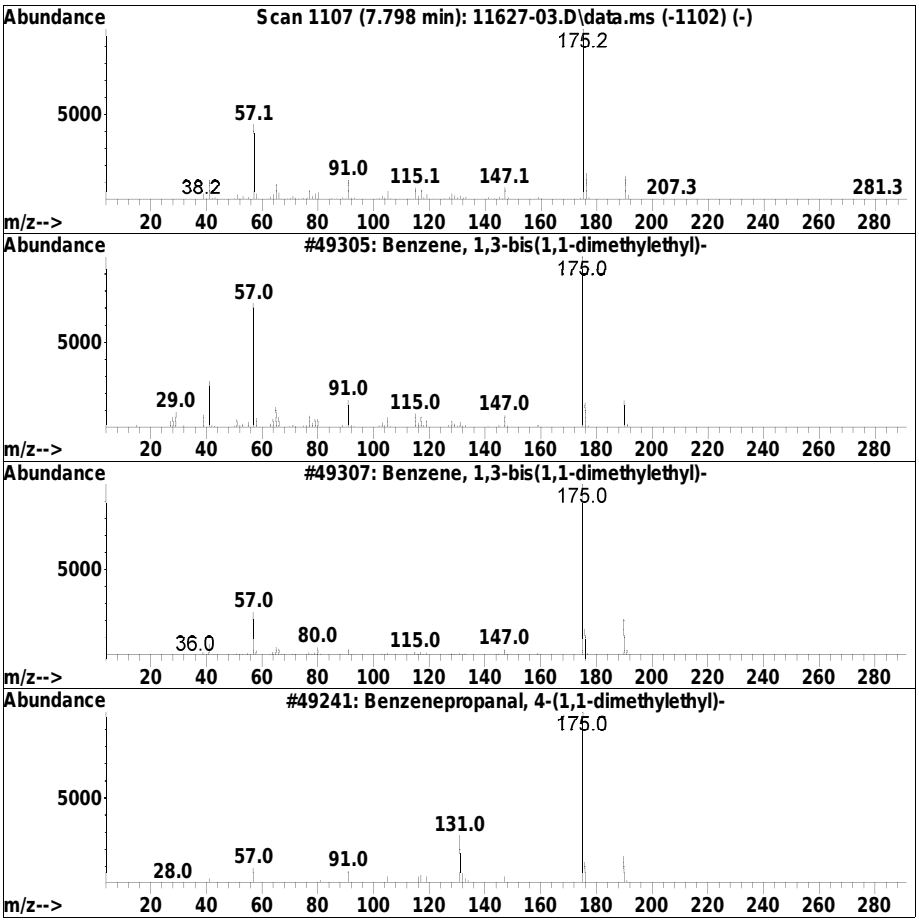
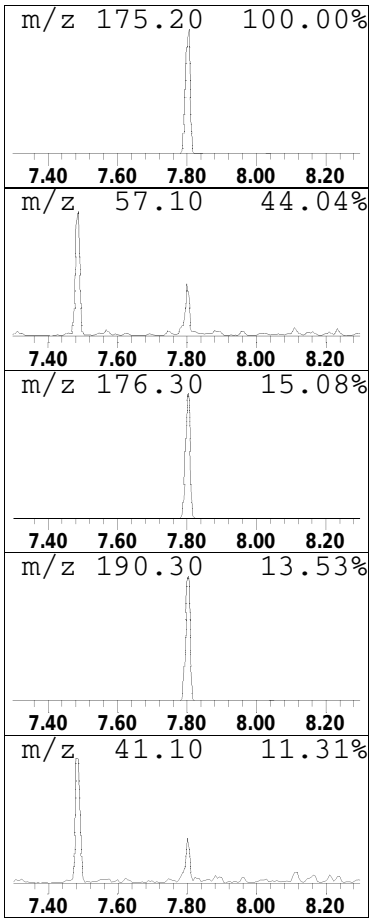
Peak Number 6 Unknown Benzene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.798	5.97 ug/ml	754838	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	96
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
3	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80
5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	74





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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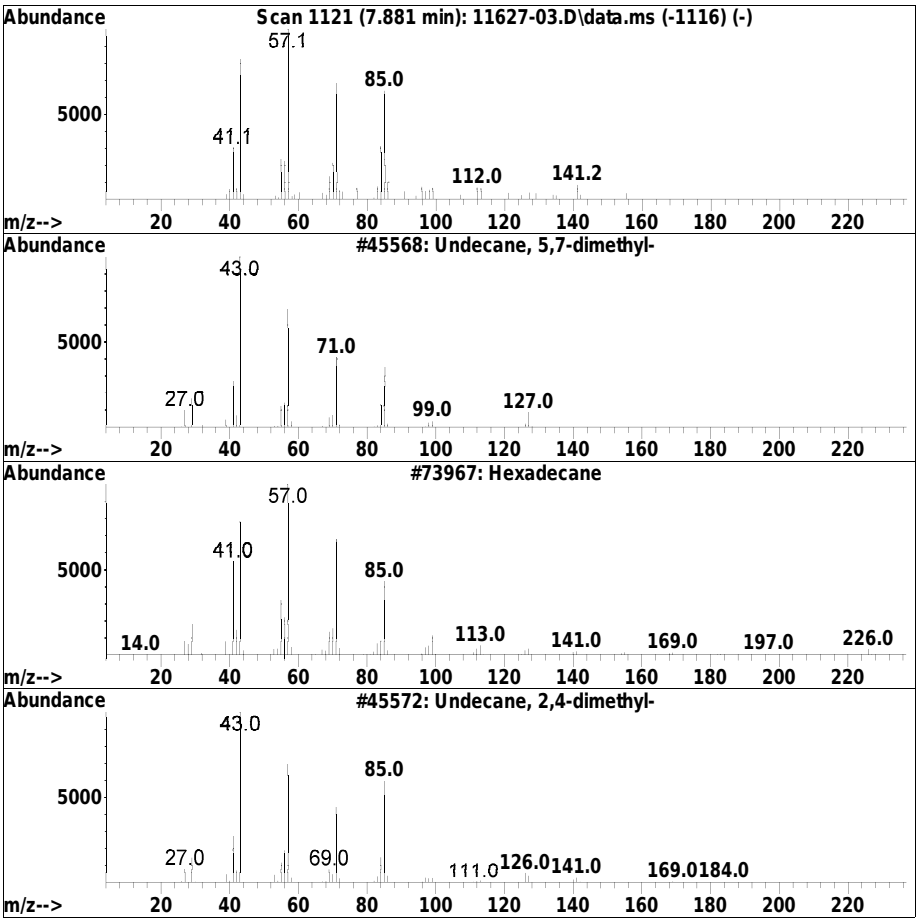
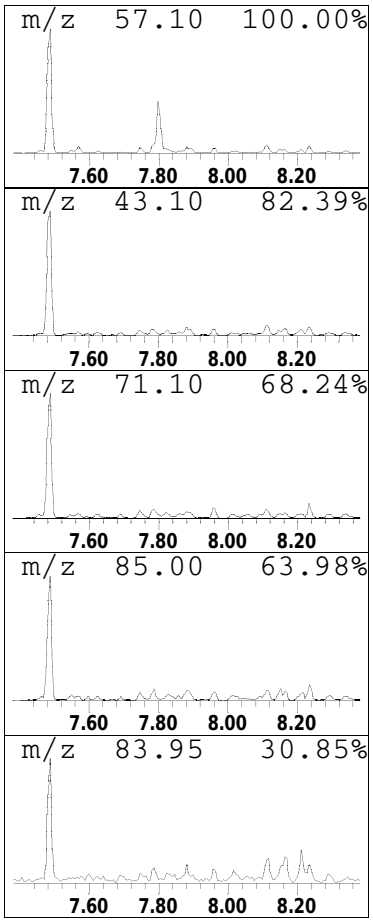
Peak Number 7 Unknown Alkane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.881	1.07 ug/ml	135032	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	53





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

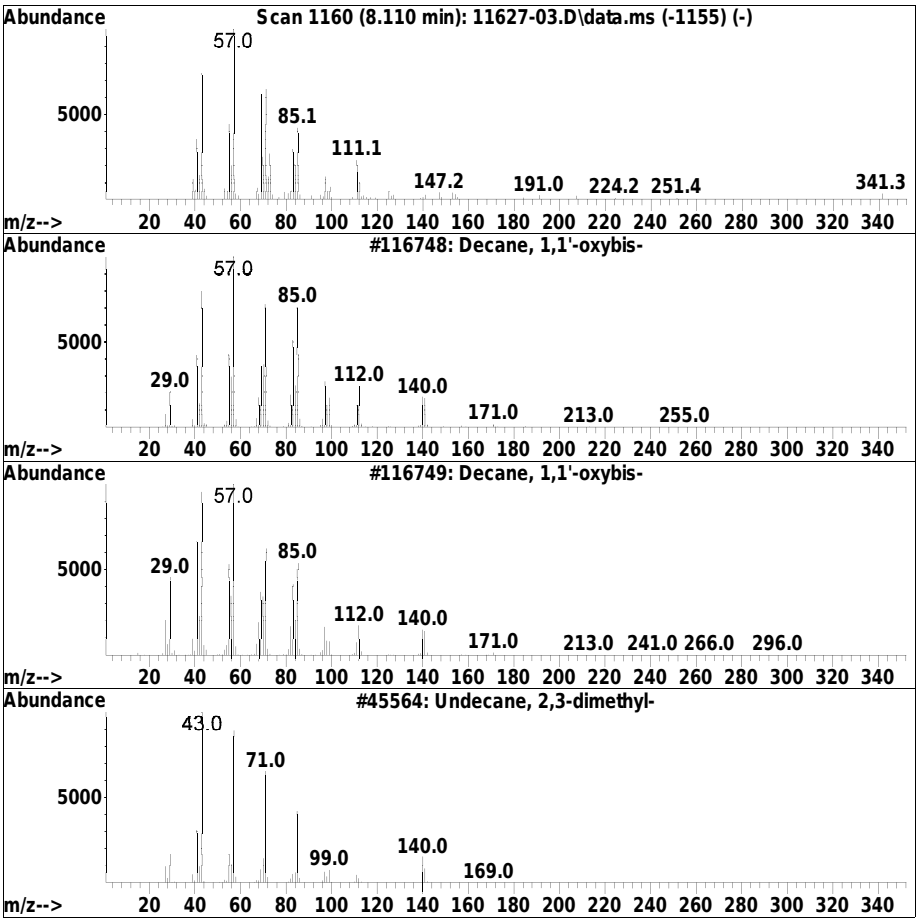
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

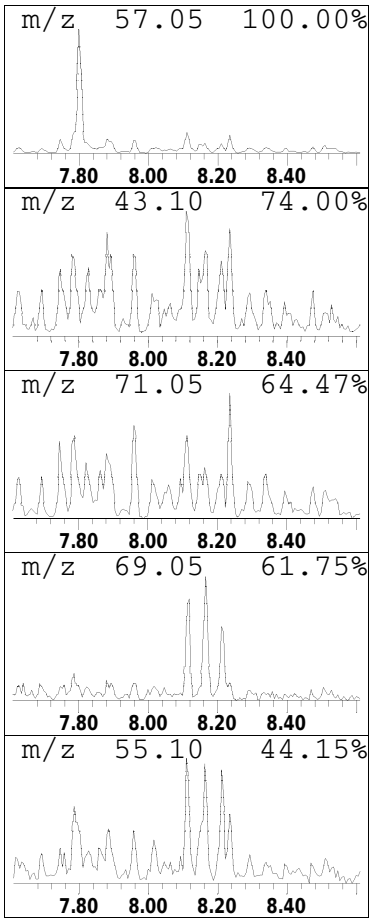
****

Peak Number 8 Unknown Alkane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.110	1.09 ug/ml	138124	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	59
2	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	50
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	38
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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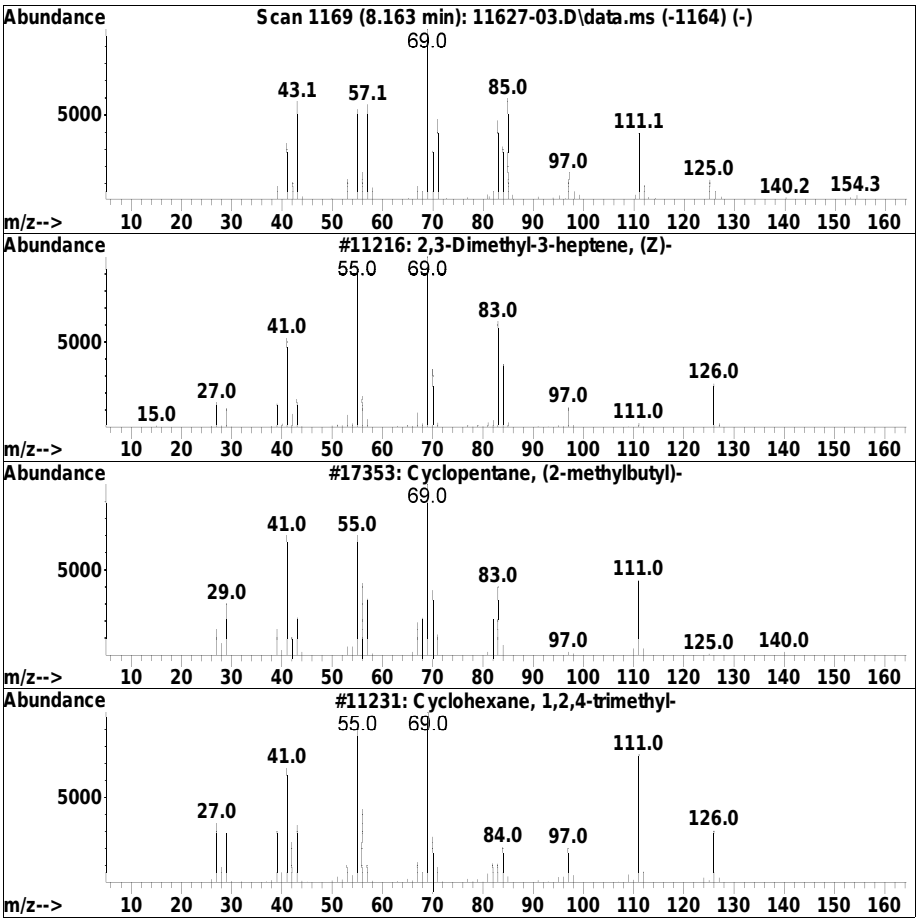
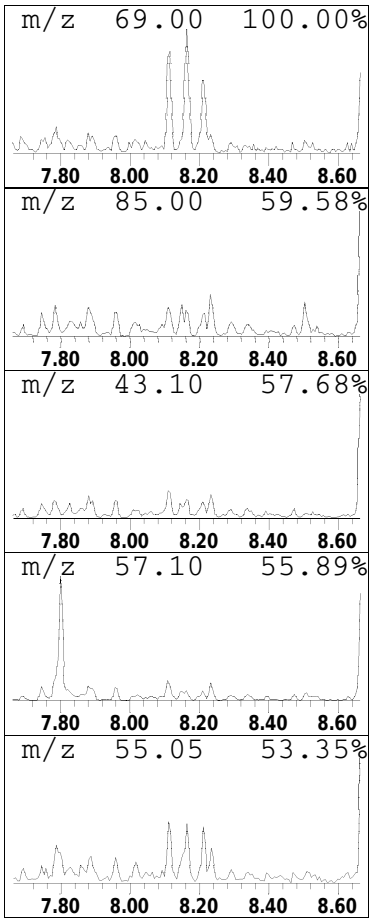
Peak Number 9 Unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.163	1.01 ug/ml	127453	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	47
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	46
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
4	2-Acetylcyclopentanone	126	C7H10O2	001670-46-8	38
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	38





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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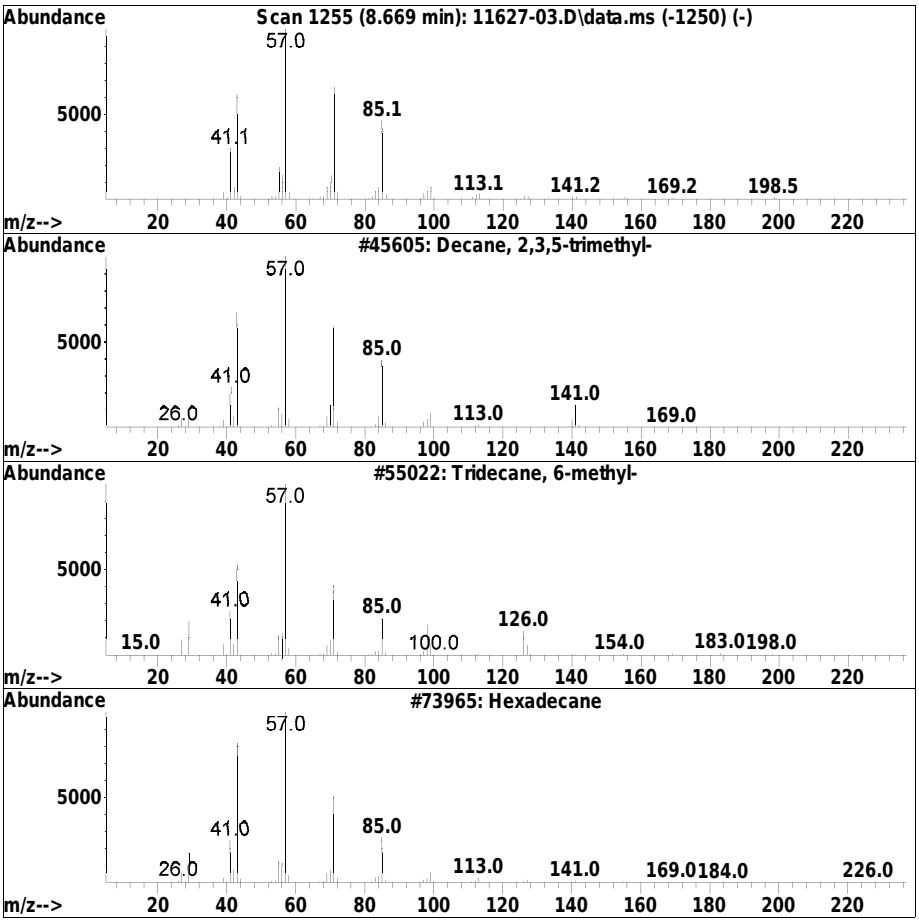
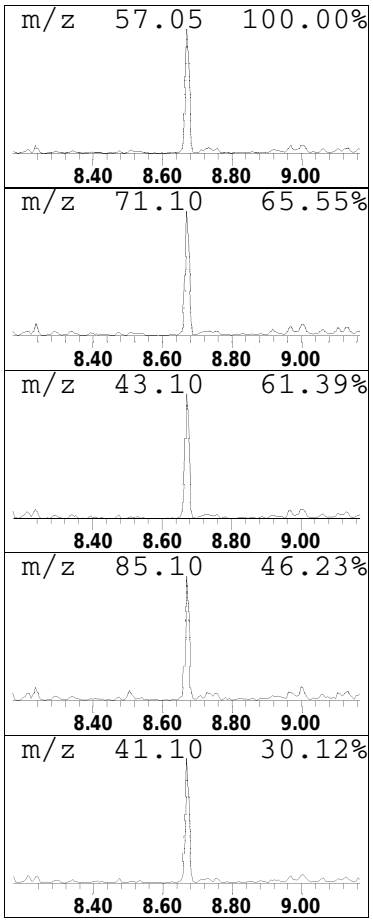
Peak Number 10 Unknown Alkane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.669	4.82 ug/ml	883584	IS1_Acenaphthene-d10	9.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
3	Hexadecane	226	C16H34	000544-76-3	64
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	59
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59





Data Path : I:\8270\SV107\200318lvi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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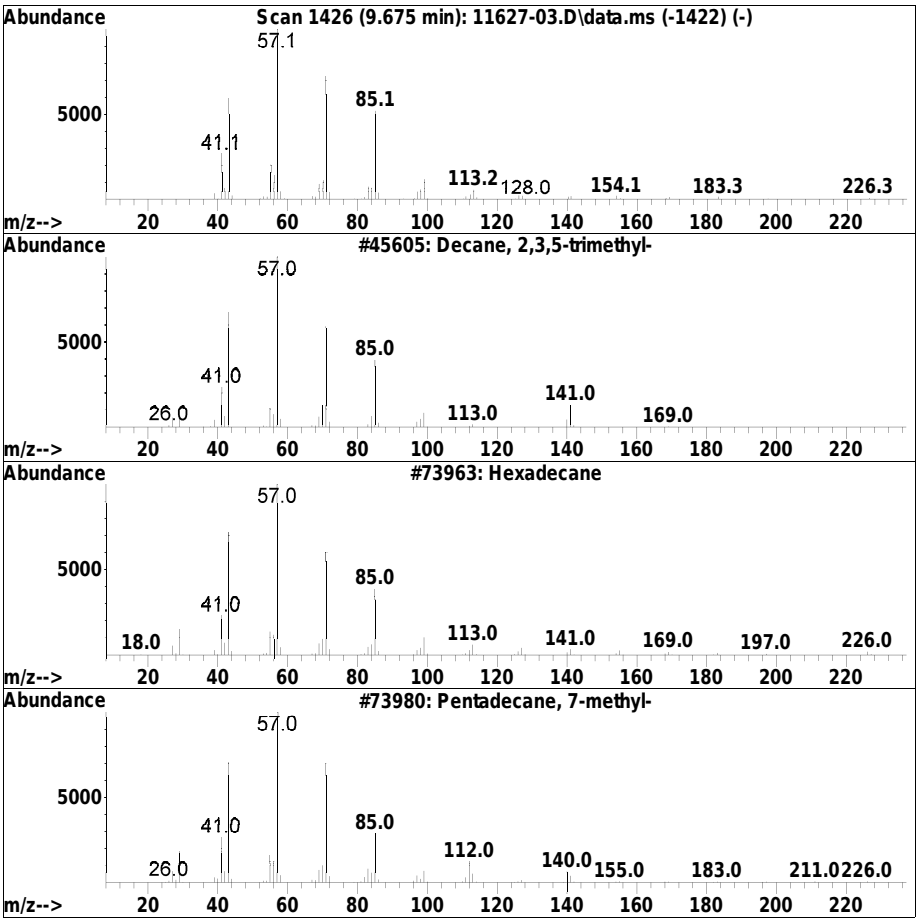
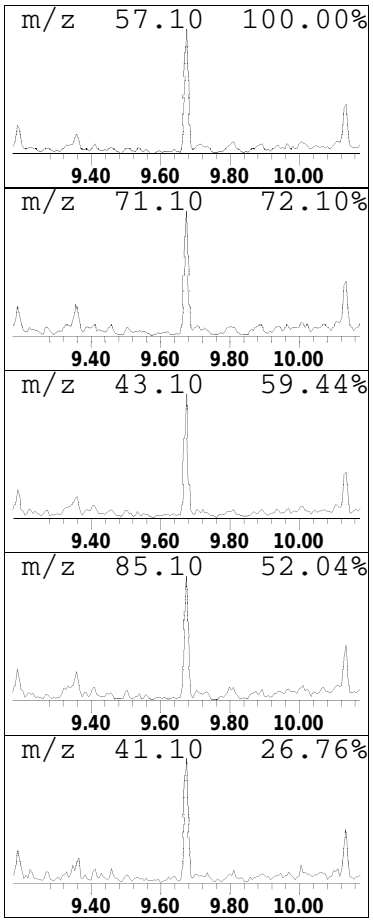
Peak Number 11 Unknown Alkane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.675	2.10 ug/ml	384542	IS3_Acenaphthene-d10	9.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : I:\8270\SV107\200318lvi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

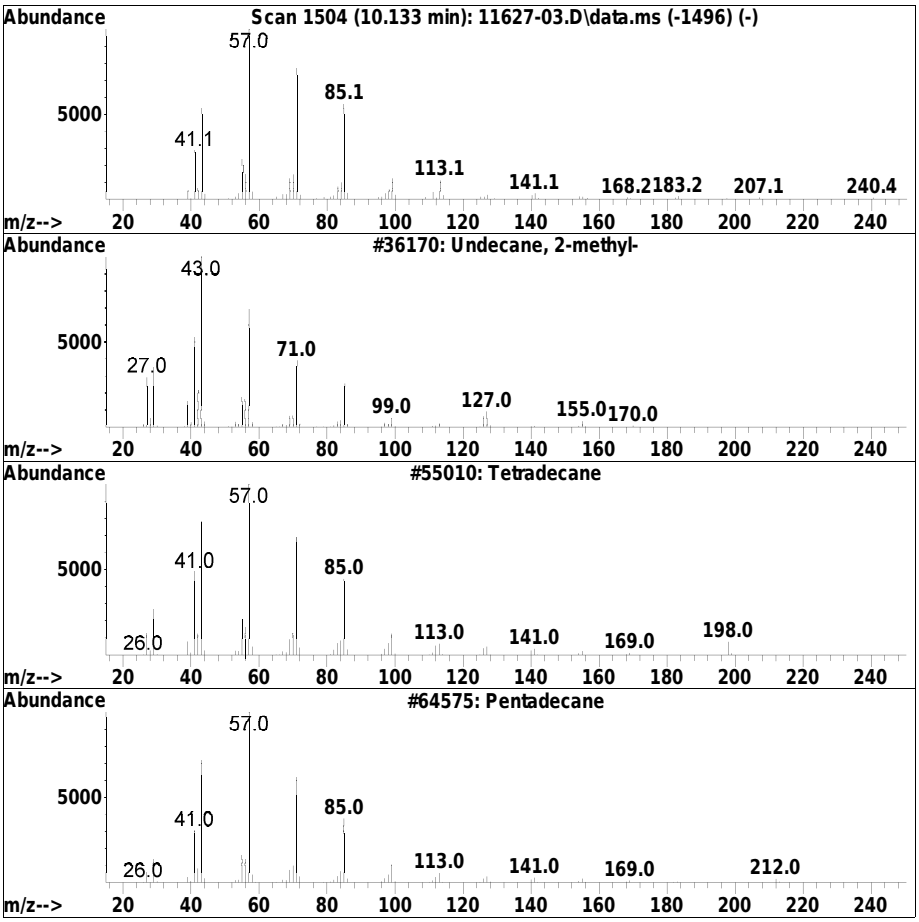
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

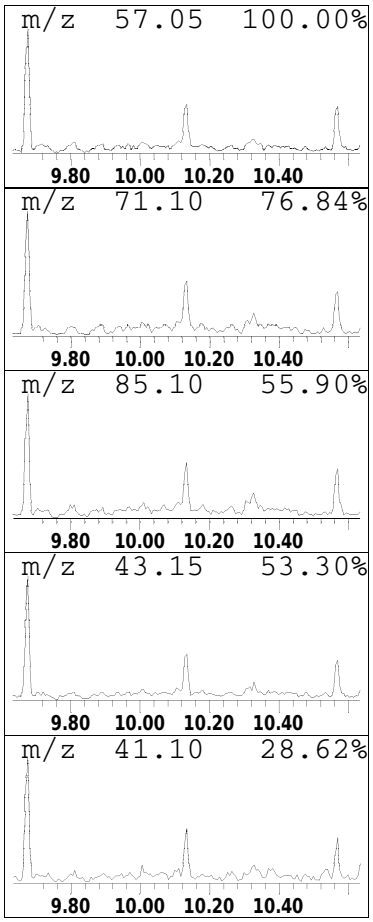
****

Peak Number 12 Unknown Alkane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.134	0.95 ug/ml	215618	IS1_Phenanthrene-d10	10.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	78
2	Tetradecane	198	C14H30	000629-59-4	78
3	Pentadecane	212	C15H32	000629-62-9	78
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

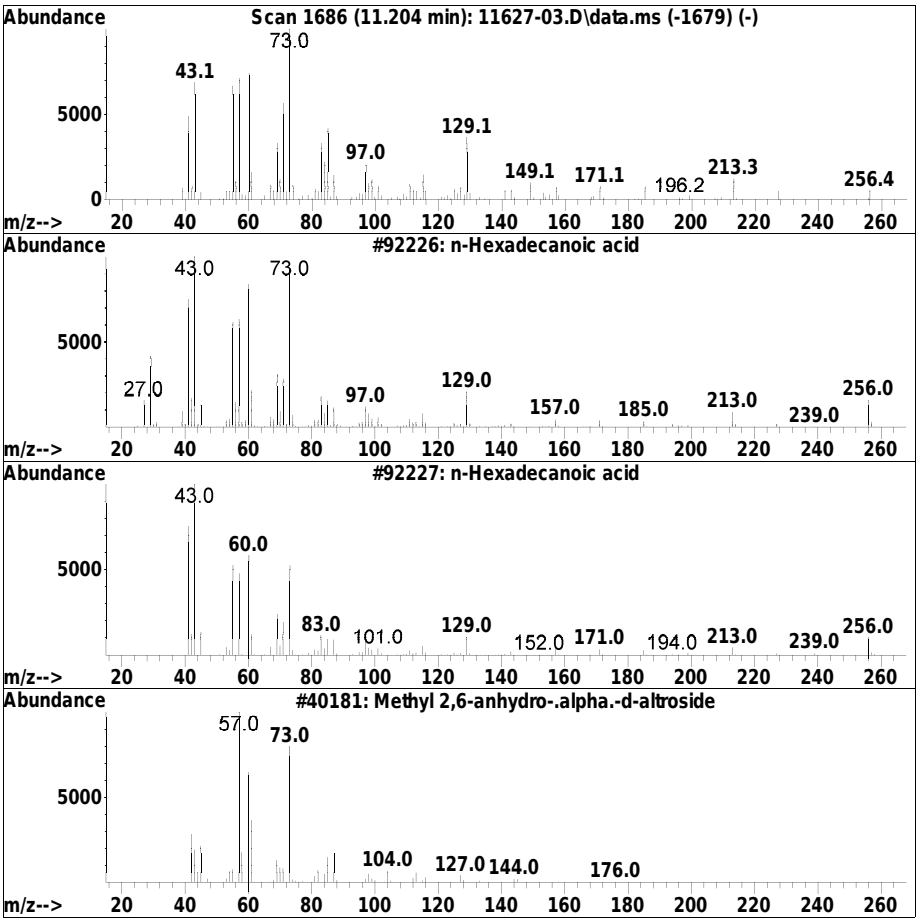
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

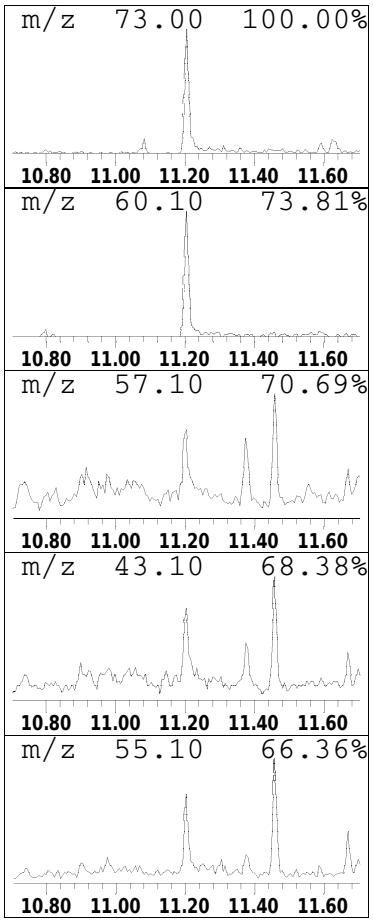
****

Peak Number 13 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	1.26 ug/ml	285635	IS3_Phenanthrene-d10	10.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	Methyl 2,6-anhydro-.alpha.-d-alt...	176	C7H12O5	1000130-02-0	35
4	Tridecanoic acid	214	C13H26O2	000638-53-9	27
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	25





Data Path : I:\8270\SV107\200318lvi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

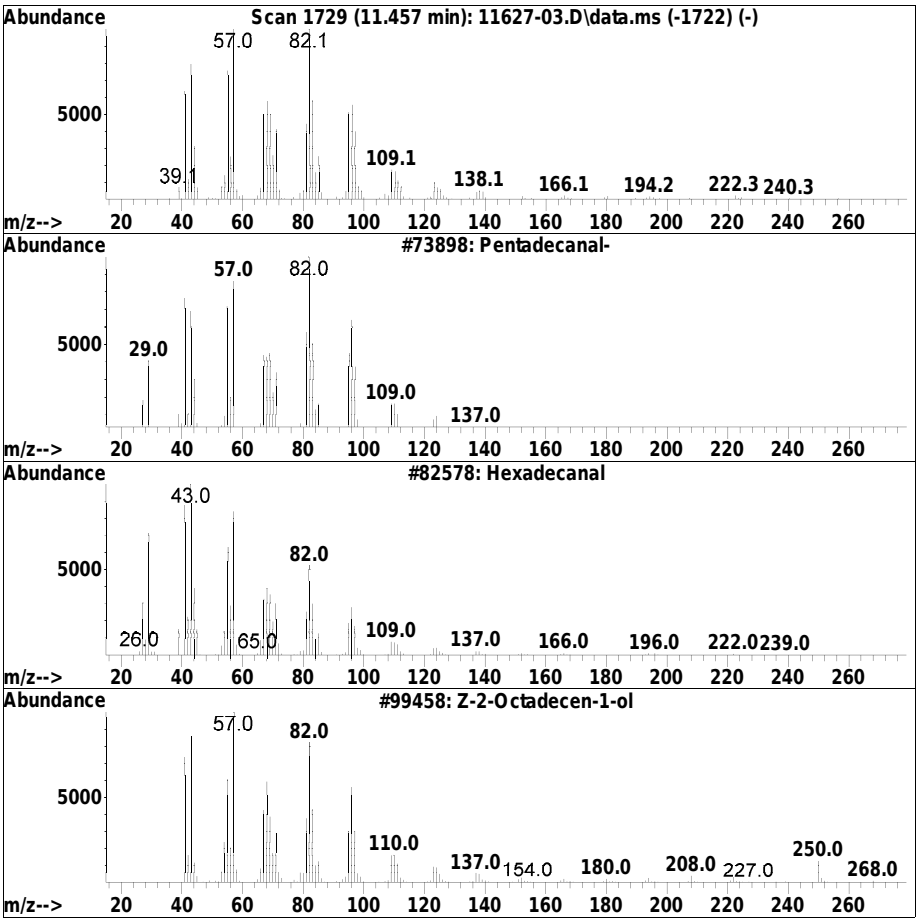
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

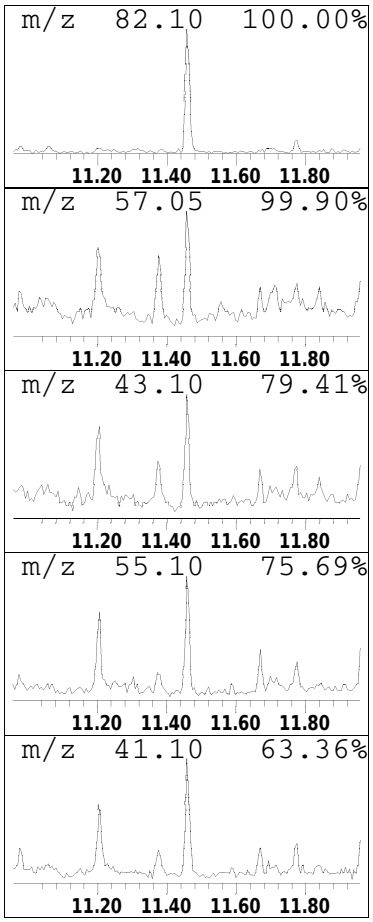
****

Peak Number 14 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.457	1.44 ug/ml	326922	IS3_Phenanthrene-d10	10.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanal-	226	C15H30O	002765-11-9	91
2	Hexadecanal	240	C16H32O	000629-80-1	87
3	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	87
4	15-Octadecenal	266	C18H34O	056554-93-9	87
5	Tetradecanal	212	C14H28O	000124-25-4	86





Data Path : I:\8270\SV107\200318lvi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

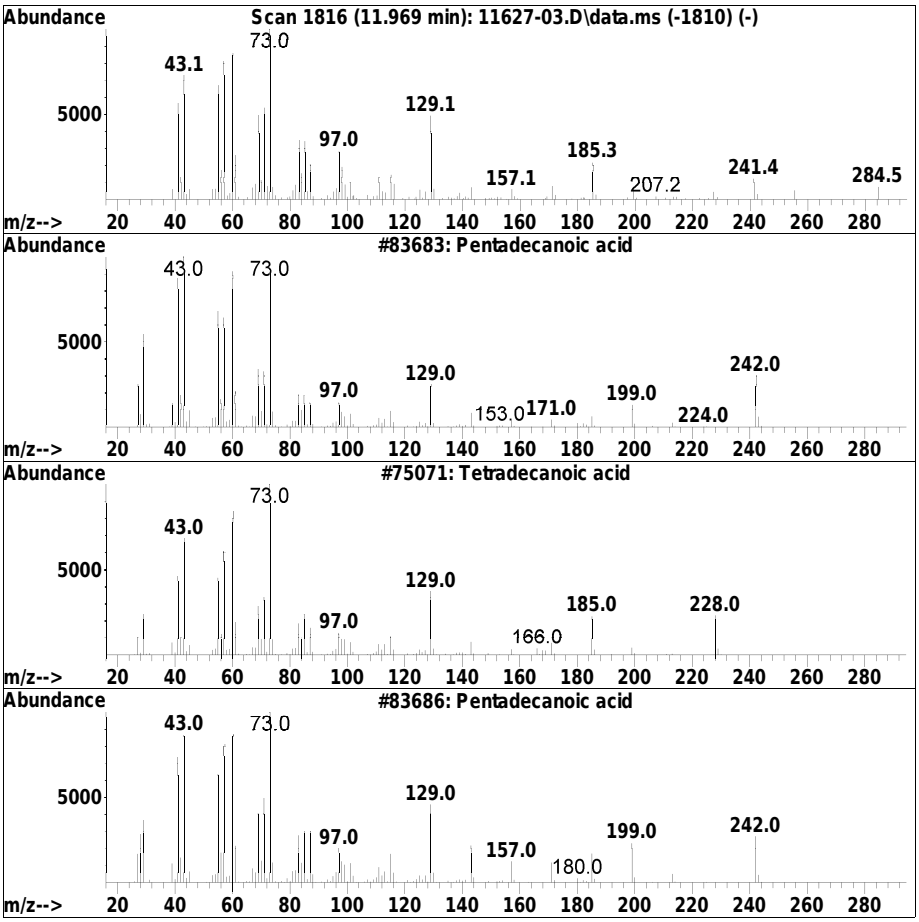
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

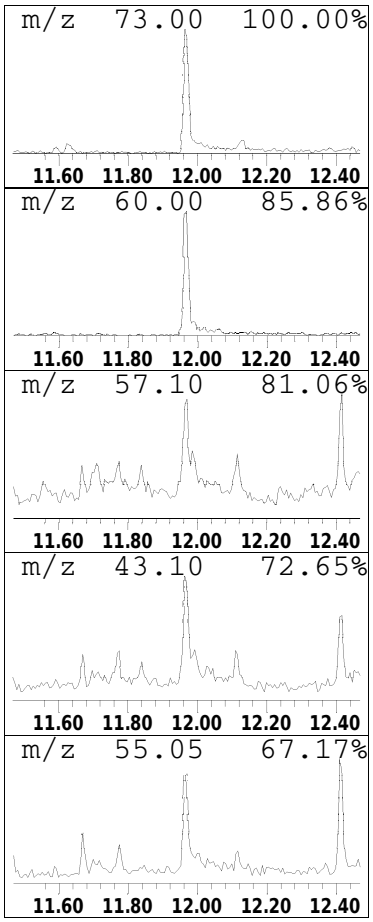
****

Peak Number 15 Unknown Organic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	2.46 ug/ml	497279	IS1_Chrysene-d12	13.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

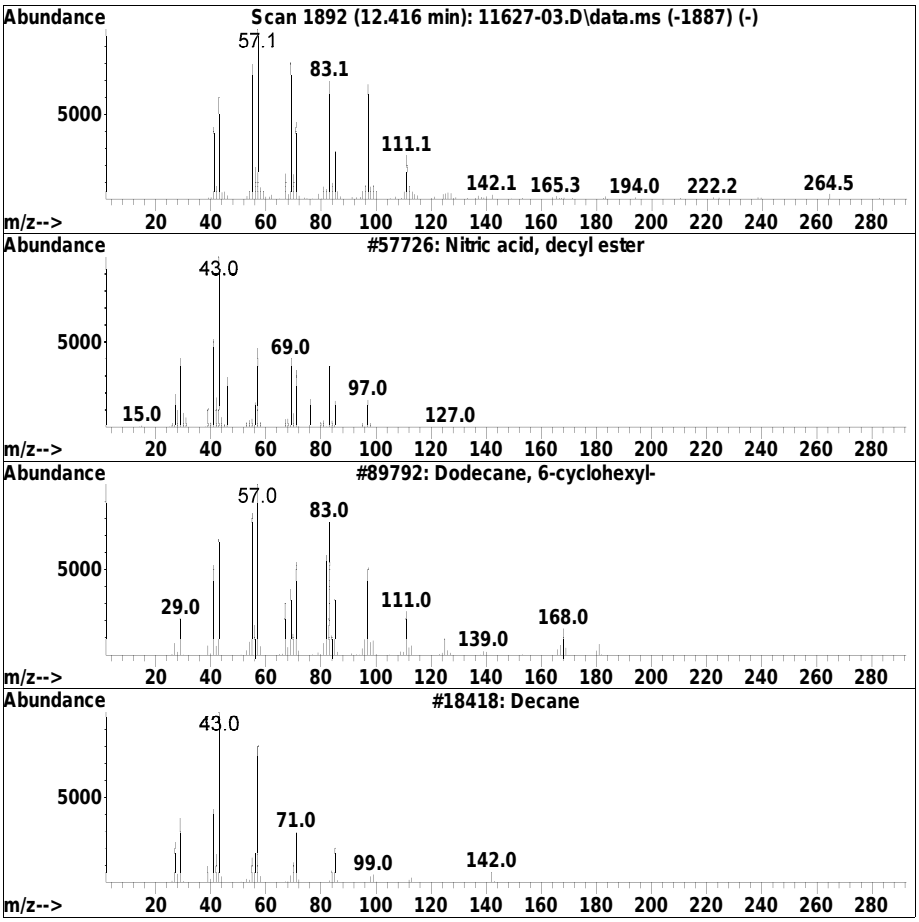
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

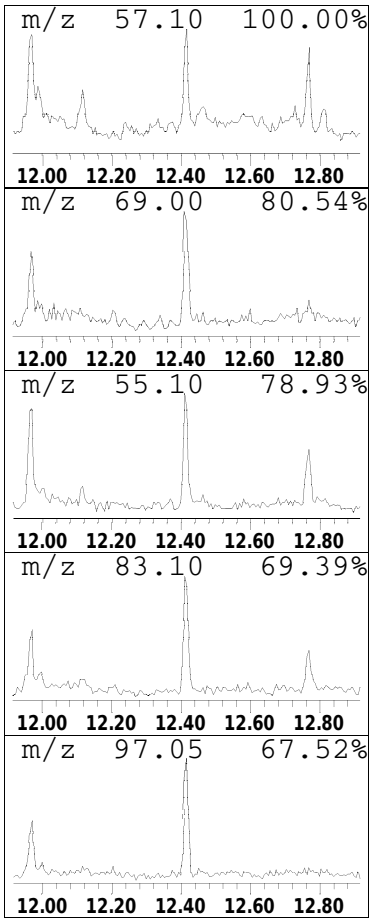
****

Peak Number 16 Unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	0.96 ug/ml	194957	IS1_Chrysene-d12	13.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitric acid, decyl ester	203	C10H21NO3	002050-78-4	58
2	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	58
3	Decane	142	C10H22	000124-18-5	35
4	Decane	142	C10H22	000124-18-5	35
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	20





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-03.D
Acq On : 19 Mar 2020 1:37 am
Operator : SV107:sz
Sample : L2011627-03,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown Alkane	5.781	3.2	ug/ml	348432	1	5.869	434486	4.0
Unknown Alkane	6.345	1.0	ug/ml	110252	3	5.869	434486	4.0
Unknown Alkane	6.745	0.9	ug/ml	116833	4	7.363	505509	4.0
Unknown Alkane	7.487	7.5	ug/ml	944661	5	7.363	505509	4.0
Unknown Benzene	7.798	6.0	ug/ml	754838	5	7.363	505509	4.0
Unknown Alkane	7.881	1.1	ug/ml	135032	5	7.363	505509	4.0
Unknown Alkane	8.110	1.1	ug/ml	138124	5	7.363	505509	4.0
Unknown	8.163	1.0	ug/ml	127453	5	7.363	505509	4.0
Unknown Alkane	8.669	4.8	ug/ml	883584	6	9.128	732561	4.0
Unknown Alkane	9.675	2.1	ug/ml	384542	8	9.128	732561	4.0
Unknown Alkane	10.134	1.0	ug/ml	215618	9	10.545	906241	4.0
Unknown	11.204	1.3	ug/ml	285635	11	10.545	906241	4.0
Unknown	11.457	1.4	ug/ml	326922	11	10.545	906241	4.0
Unknown Organic...	11.969	2.5	ug/ml	497279	12	13.110	808454	4.0
Unknown	12.416	1.0	ug/ml	194957	12	13.110	808454	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 19 14:07:45 2020
Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 02:23:17 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\2003181vi\ABN0318.D
: 2 - i:\8270\sv107\2003181vi\ADP0318.D
: 3 - i:\8270\sv107\2003181vi\AP90318.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.869	150	100354	4.000	ug/ml		0.00
Standard Area 1 = 134039			Recovery = 74.87%				
27) IS2_1,4-Dichlorobenzen...	5.869	150	100354	4.000	ug/ml		0.00
Standard Area 3 = 127329			Recovery = 78.81%				
34) IS1_Naphthalene-d8	7.363	136	261228	4.000	ug/ml		0.00
Standard Area 1 = 341279			Recovery = 76.54%				
54) IS2_Naphthalene-d8	7.363	136	261228	4.000	ug/ml		0.00
Standard Area 3 = 359333			Recovery = 72.70%				
62) IS1_Acenaphthene-d10	9.127	164	142034	4.000	ug/ml		0.00
Standard Area 1 = 183956			Recovery = 77.21%				
85) IS3_Acenaphthene-d10	9.127	164	142034	4.000	ug/ml		0.00
Standard Area 2 = 186322			Recovery = 76.23%				
87) IS1_Phenanthrene-d10	10.545	188	260431	4.000	ug/ml	#	0.00
Standard Area 1 = 331595			Recovery = 78.54%				
103) IS1_Chrysene-d12	13.110	240	222092	4.000	ug/ml	#	0.00
Standard Area 1 = 272339			Recovery = 81.55%				
112) IS1_Perylene-d12	14.527	264	243402	4.000	ug/ml		0.00
Standard Area 1 = 269850			Recovery = 90.20%				
System Monitoring Compounds							
4) 2-Fluorophenol	3.428	112	59310	2.966	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 59.32%				
7) Phenol-d6	5.510	99	69172	2.640	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 52.80%				
19) Nitrobenzene-d5	6.581	82	45065	1.281	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 51.24%				
45) 2-Fluorobiphenyl	8.504	172	95267	1.382	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 55.28%				
78) 2,4,6-Tribromophenol	9.892	330	15253	3.403	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 68.06%				
95) 4-Terphenyl-d14	12.116	244	105272	1.637	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 65.48%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 19 14:07:45 2020
Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 02:23:17 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\2003181vi\ABN0318.D
: 2 - i:\8270\sv107\2003181vi\ADP0318.D
: 3 - i:\8270\sv107\2003181vi\AP90318.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.	d	
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.	d	
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.	d	
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.	d	
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 19 14:07:45 2020
Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 02:23:17 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\2003181vi\ABN0318.D
: 2 - i:\8270\sv107\2003181vi\ADP0318.D
: 3 - i:\8270\sv107\2003181vi\AP90318.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
106) Chrysene	0.000		0	N.D.	d	
107) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108) Di-n-octylphthalate	0.000		0	N.D.	d	
115) Benzo(ghi)perylene	0.000		0	N.D.	d	

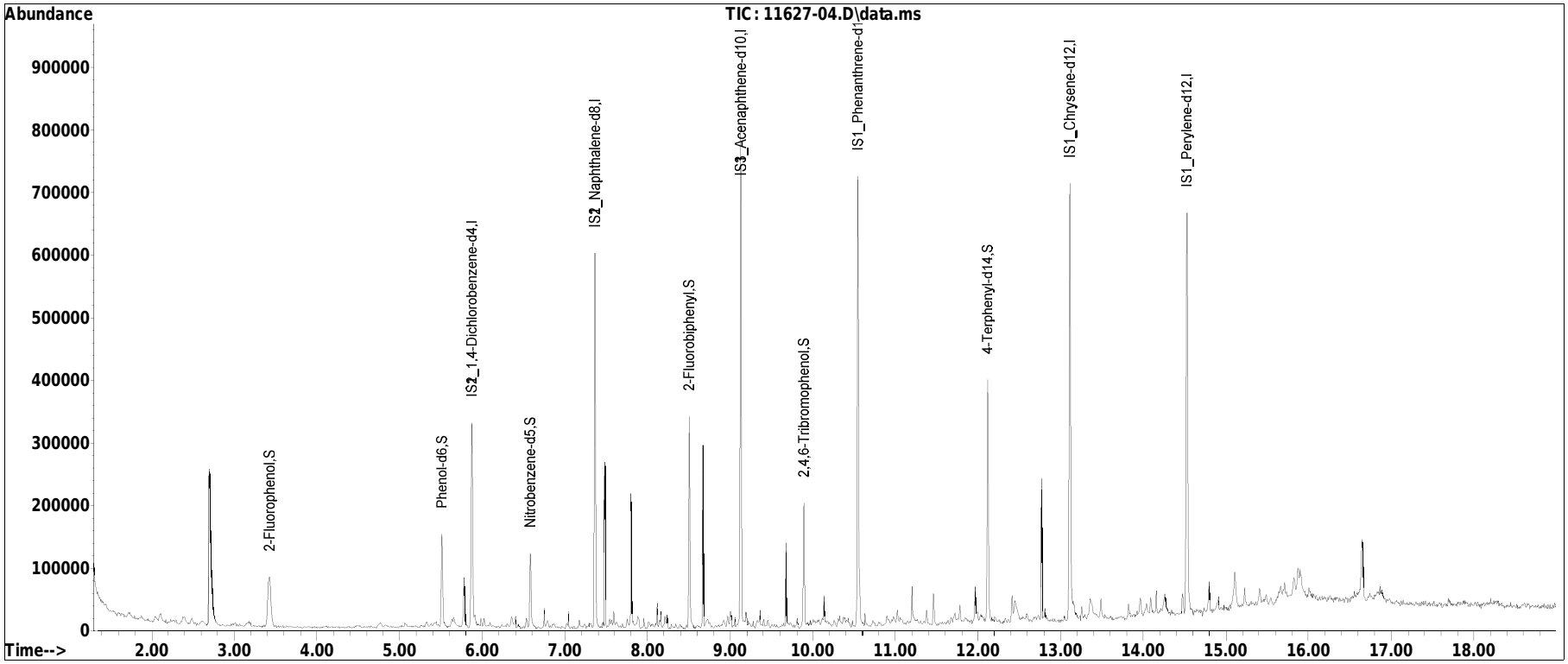
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\200318lvi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 19 14:07:45 2020
Quant Method : i:\8270\sv107\200318lvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 02:23:17 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional318.D•



Manual Integration Report

Data Path	: I:\8270\SV107\200318lvi\	QMethod	: FS190927SV107.m
Data File	: 11627-04.D	Operator	: SV107:sz
Date Inj'd	: 3/19/2020 2:03 am	Instrument	: SV 107
Sample	: L2011627-04,32,,nj-bnext-l	Quant Date	: 3/19/2020 2:23 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 11627-04.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.046	126	129	136	rBV7	9027	19294	2.44%	0.204%
2	2.116	136	141	150	rVB7	15614	34756	4.39%	0.368%
3	2.375	179	185	187	rBV7	11881	17471	2.21%	0.185%
4	2.487	200	204	213	rVB9	11757	28094	3.55%	0.298%
5	2.610	219	225	234	rVB8	7659	24829	3.14%	0.263%
6	2.698	234	240	263	rVB	251253	509255	64.31%	5.394%
7	3.175	310	321	328	rVB8	8066	22478	2.84%	0.238%
8	3.428	354	364	374	rBV3	79869	190874	24.10%	2.022%
9	4.775	585	593	599	rBV8	8312	23293	2.94%	0.247%
10	5.510	714	718	729	rVB	148875	177232	22.38%	1.877%
11	5.634	734	739	741	rBV4	12326	16953	2.14%	0.180%
12	5.651	741	742	754	rVB	15499	25804	3.26%	0.273%
13	5.781	758	764	773	rVB	79317	100339	12.67%	1.063%
14	5.869	773	779	791	rBV	327406	419232	52.94%	4.440%
15	5.981	796	798	802	rVV3	12439	15353	1.94%	0.163%
16	6.351	856	861	866	rBV4	16123	26543	3.35%	0.281%
17	6.404	866	870	873	rVB4	16603	21062	2.66%	0.223%
18	6.539	889	893	896	rBV5	15459	16023	2.02%	0.170%
19	6.581	896	900	912	rVB	119553	144922	18.30%	1.535%
20	6.745	922	928	932	rBV	29849	29916	3.78%	0.317%
21	6.792	932	936	940	rVB4	10750	15758	1.99%	0.167%
22	7.039	976	978	983	rVV	26293	23293	2.94%	0.247%
23	7.169	993	1000	1008	rVV4	12892	20249	2.56%	0.214%
24	7.304	1021	1023	1028	rVV4	8321	13940	1.76%	0.148%
25	7.363	1028	1033	1043	rVV	599696	525358	66.34%	5.564%
26	7.486	1047	1054	1058	rVV	264220	244517	30.88%	2.590%
27	7.545	1059	1064	1066	rVV5	15076	18071	2.28%	0.191%
28	7.569	1066	1068	1070	rVV3	13337	13207	1.67%	0.140%

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.592	1070	1072	1075	rVV2	27166	24563	3.10%	0.260%
30	7.622	1075	1077	1082	rVV6	9570	14685	1.85%	0.156%
31	7.745	1094	1098	1102	rVV4	14386	18764	2.37%	0.199%
32	7.798	1102	1107	1115	rVV	214887	221898	28.02%	2.350%
33	7.880	1116	1121	1128	rVV5	18495	35148	4.44%	0.372%
34	7.957	1128	1134	1139	rVB2	16145	20285	2.56%	0.215%
35	8.016	1139	1144	1148	rBV4	10250	15987	2.02%	0.169%
36	8.116	1155	1161	1164	rVV5	38042	45951	5.80%	0.487%
37	8.163	1164	1169	1173	rVV4	25775	32348	4.09%	0.343%
38	8.210	1173	1177	1179	rVV3	17926	18606	2.35%	0.197%
39	8.233	1179	1181	1185	rVB2	21498	18741	2.37%	0.198%
40	8.504	1220	1227	1235	rBV	338492	299283	37.79%	3.170%
41	8.669	1250	1255	1259	rBV	290905	236037	29.81%	2.500%
42	8.733	1259	1266	1268	rBV5	11580	21969	2.77%	0.233%
43	8.922	1290	1298	1303	rVV7	11832	25010	3.16%	0.265%
44	8.969	1303	1306	1309	rVV2	17660	21467	2.71%	0.227%
45	9.004	1309	1312	1316	rVV3	24581	35470	4.48%	0.376%
46	9.057	1317	1321	1324	rVV3	14234	14987	1.89%	0.159%
47	9.127	1324	1333	1338	rVV	801981	675739	85.33%	7.157%
48	9.186	1341	1343	1347	rVV	23275	25577	3.23%	0.271%
49	9.322	1363	1366	1369	rBV4	11289	18825	2.38%	0.199%
50	9.357	1369	1372	1376	rVV3	25267	24004	3.03%	0.254%
51	9.457	1386	1389	1394	rVB4	12007	14177	1.79%	0.150%
52	9.674	1422	1426	1434	rBV	133190	108854	13.75%	1.153%
53	9.804	1443	1448	1454	rBV6	14467	22934	2.90%	0.243%
54	9.892	1454	1463	1467	rBV	200045	191179	24.14%	2.025%
55	10.133	1496	1504	1510	rBV3	46511	59015	7.45%	0.625%
56	10.257	1520	1525	1531	rVB6	10324	16757	2.12%	0.177%
57	10.304	1531	1533	1535	rBV3	12822	14400	1.82%	0.153%
58	10.327	1535	1537	1542	rVV4	13663	17006	2.15%	0.180%
59	10.369	1542	1544	1549	rVV4	9912	16002	2.02%	0.169%
60	10.545	1569	1574	1587	rVV	719251	725834	91.66%	7.688%

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	10.639	1587	1590	1598	rVB4	21103	22672	2.86%	0.240%
62	10.733	1602	1606	1612	rBV6	9858	18132	2.29%	0.192%
63	10.904	1625	1635	1641	rBV5	16172	36303	4.58%	0.385%
64	10.974	1642	1647	1652	rVV7	9876	17971	2.27%	0.190%
65	11.027	1652	1656	1659	rVV2	20575	21797	2.75%	0.231%
66	11.057	1659	1661	1673	rVB10	11681	24664	3.11%	0.261%
67	11.204	1682	1686	1692	rBV	57469	65996	8.33%	0.699%
68	11.374	1712	1715	1722	rVB	23078	25757	3.25%	0.273%
69	11.457	1726	1729	1736	rVB4	50940	54099	6.83%	0.573%
70	11.716	1768	1773	1777	rVV7	17088	31170	3.94%	0.330%
71	11.774	1780	1783	1789	rVV5	29215	33499	4.23%	0.355%
72	11.839	1791	1794	1803	rVB7	7978	19416	2.45%	0.206%
73	11.963	1810	1815	1818	rBV2	56031	61697	7.79%	0.653%
74	12.033	1824	1827	1836	rVB10	11606	28427	3.59%	0.301%
75	12.116	1836	1841	1848	rBV	386901	394947	49.88%	4.183%
76	12.415	1887	1892	1894	rBV	42602	48157	6.08%	0.510%
77	12.445	1894	1897	1908	rVB6	30898	77303	9.76%	0.819%
78	12.598	1918	1923	1927	rVB7	12719	23195	2.93%	0.246%
79	12.686	1932	1938	1941	rBV6	8080	18057	2.28%	0.191%
80	12.768	1948	1952	1957	rVV	225659	207778	26.24%	2.201%
81	12.810	1957	1959	1962	rVB2	16827	14330	1.81%	0.152%
82	13.110	2005	2010	2028	rVV	698828	791871	100.00%	8.387%
83	13.262	2032	2036	2039	rBV3	23182	26959	3.40%	0.286%
84	13.362	2046	2053	2071	rBV7	33005	112361	14.19%	1.190%
85	13.492	2071	2075	2081	rVB3	31181	37236	4.70%	0.394%
86	13.821	2127	2131	2136	rBV7	24532	33016	4.17%	0.350%
87	13.968	2152	2156	2161	rVB5	28965	39521	4.99%	0.419%
88	14.039	2162	2168	2172	rBV7	18688	31788	4.01%	0.337%
89	14.086	2174	2176	2182	rVV5	26905	31004	3.92%	0.328%
90	14.151	2184	2187	2193	rVB2	36416	44212	5.58%	0.468%
91	14.257	2200	2205	2217	rVB10	32696	85080	10.74%	0.901%

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

92	14.480	2238	2243	2246	rBV2	34312	41972	5.30%	0.445%
93	14.527	2246	2251	2258	rBV	640294	765273	96.64%	8.105%
94	14.798	2292	2297	2303	rVB2	49516	69181	8.74%	0.733%
95	14.904	2311	2315	2319	rVB7	20659	27187	3.43%	0.288%
96	15.109	2343	2350	2359	rVB7	55777	108089	13.65%	1.145%
97	15.227	2366	2370	2376	rVB9	28346	38802	4.90%	0.411%
98	15.409	2397	2401	2405	rBV5	22160	26548	3.35%	0.281%
99	15.821	2467	2471	2475	rBV7	23789	37050	4.68%	0.392%
100	15.868	2475	2479	2483	rBV6	34506	59356	7.50%	0.629%

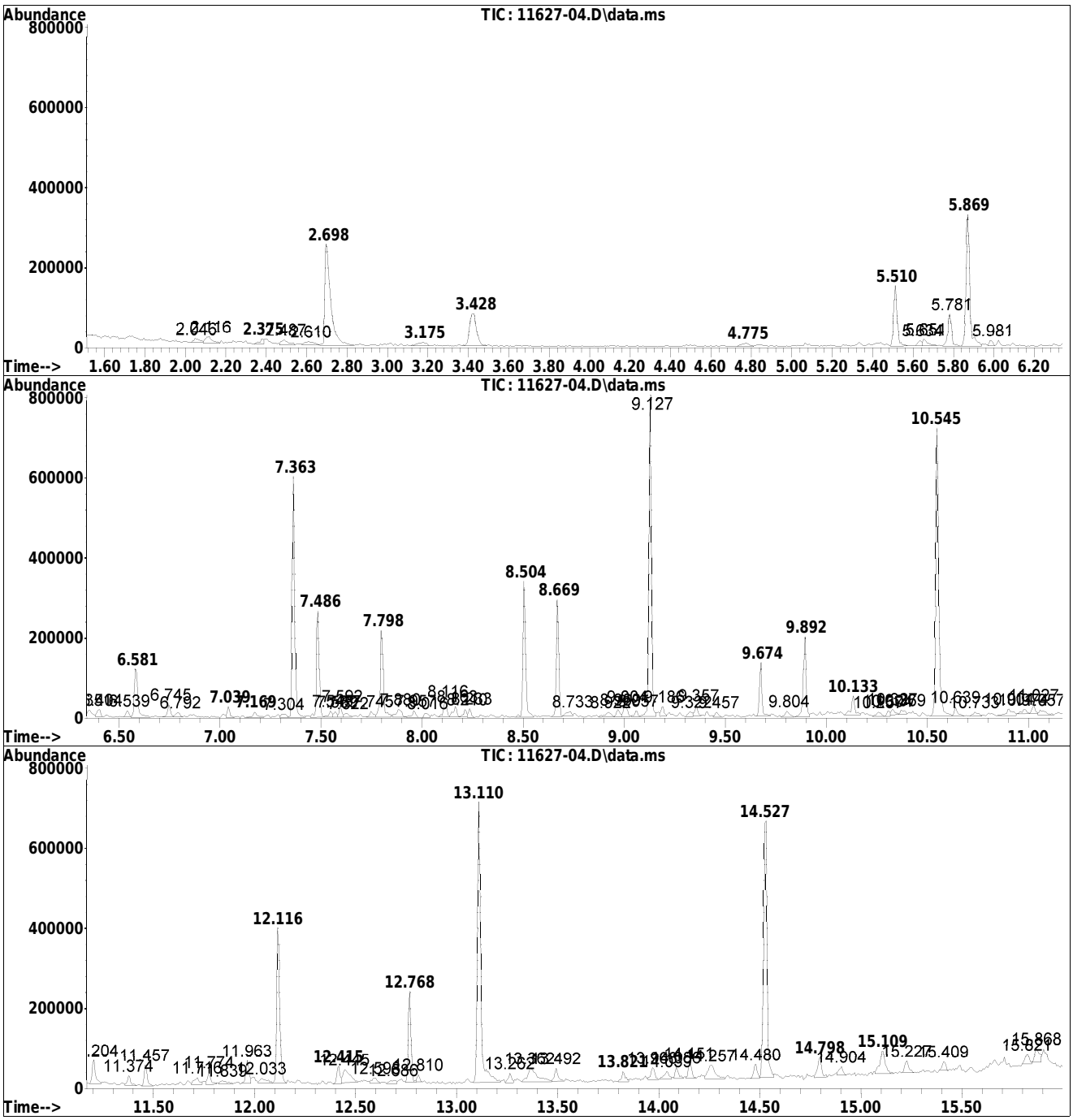
Sum of corrected areas: 9441491

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

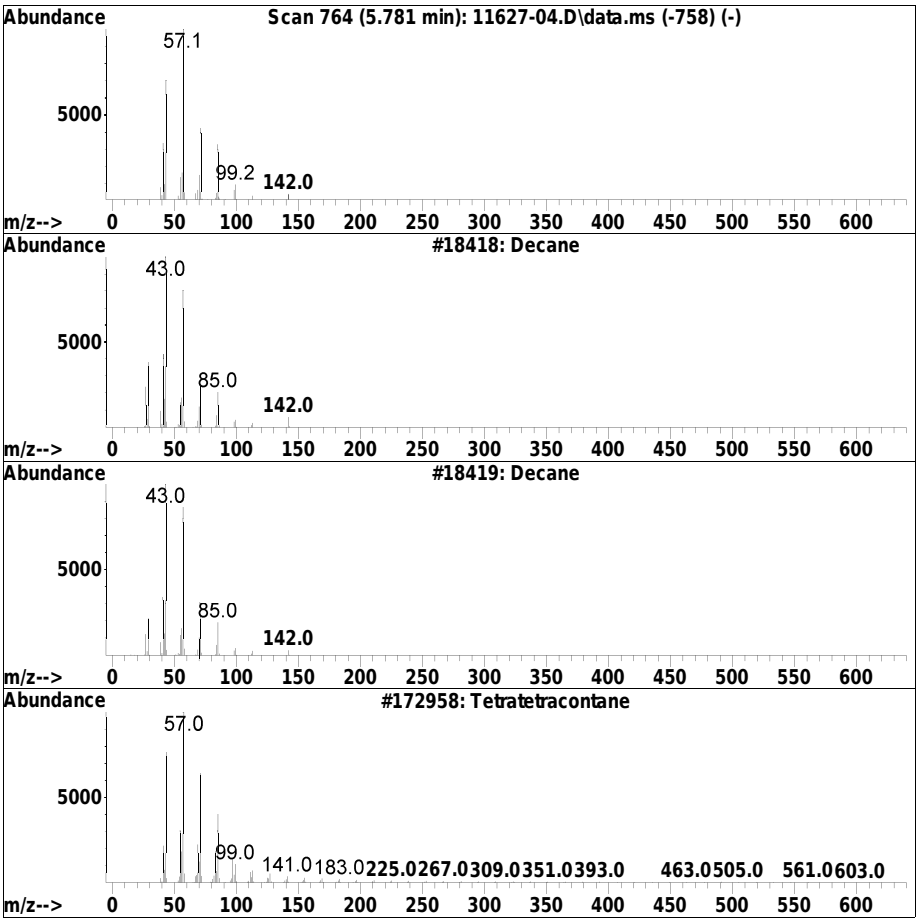
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

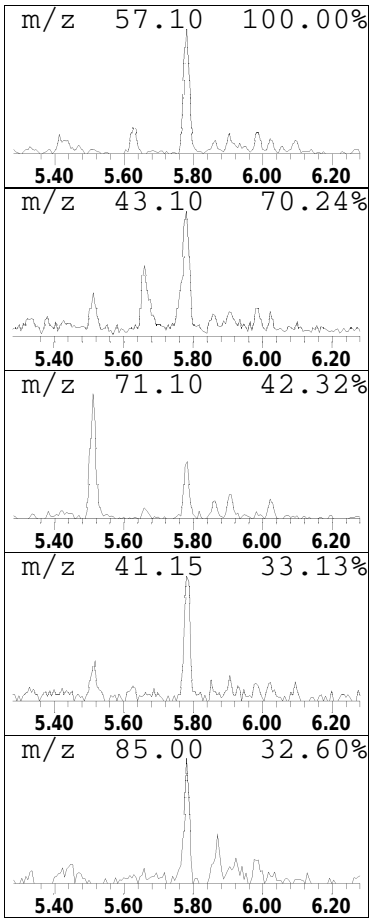
****

Peak Number 2 Unknown Alkane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.781	0.96 ug/ml	100339	IS2_1,4-Dichlorobenzene-d4	5.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Decane	142	C10H22	000124-18-5	90
3	Tetratetracontane	619	C44H90	007098-22-8	78
4	Pentadecane	212	C15H32	000629-62-9	78
5	Tridecane	184	C13H28	000629-50-5	78





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

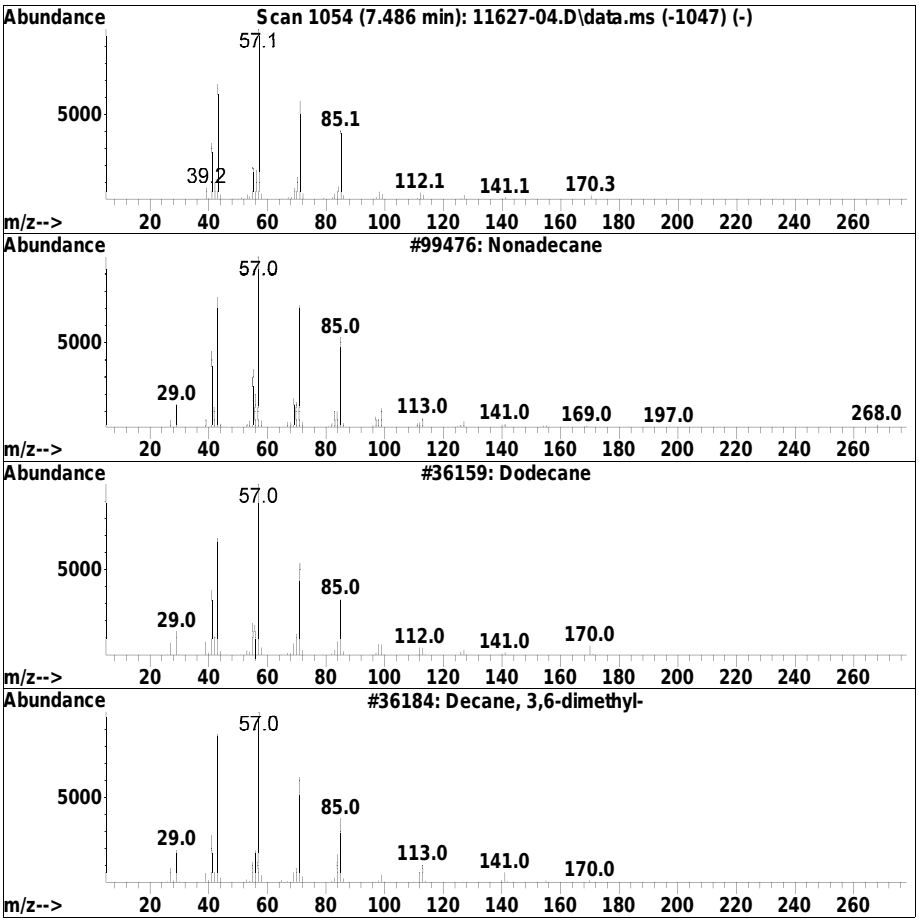
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

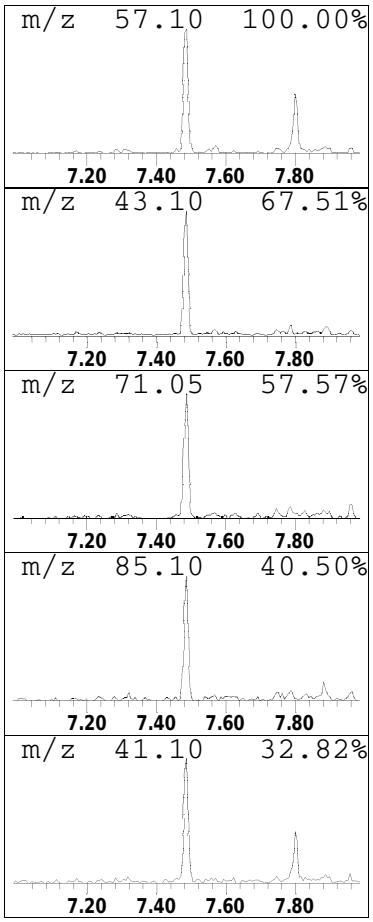
****

Peak Number 3 Unknown Alkane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.486	1.86 ug/ml	244517	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	Dodecane	170	C12H26	000112-40-3	83
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

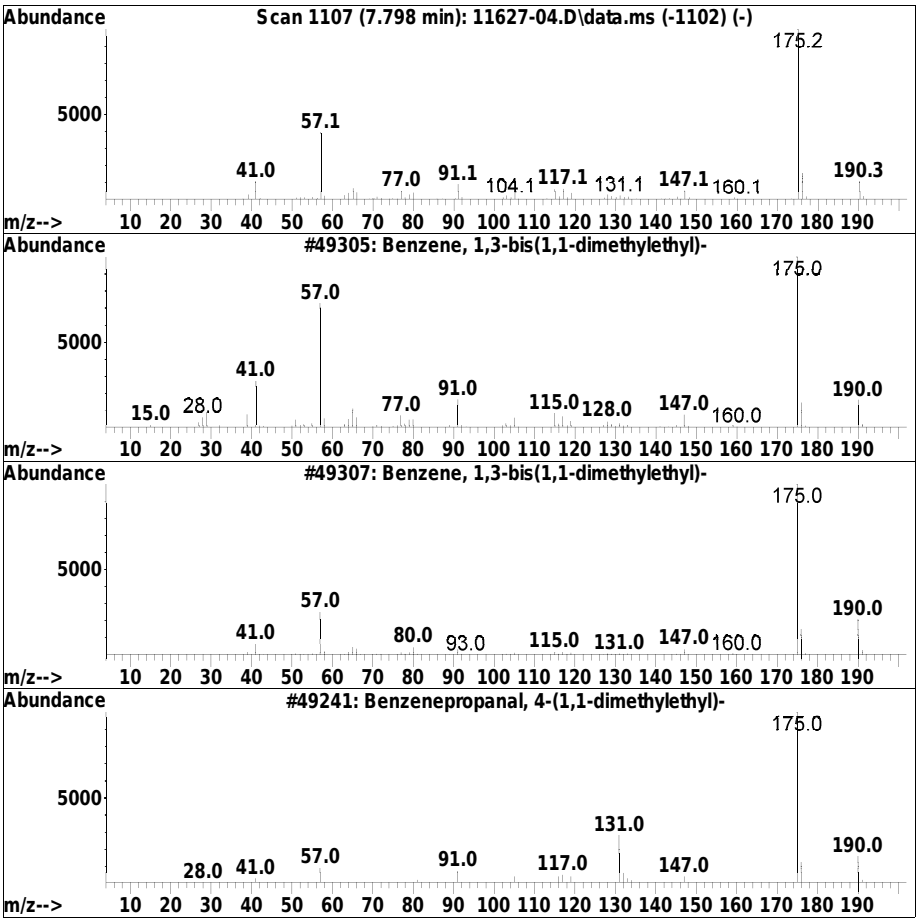
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

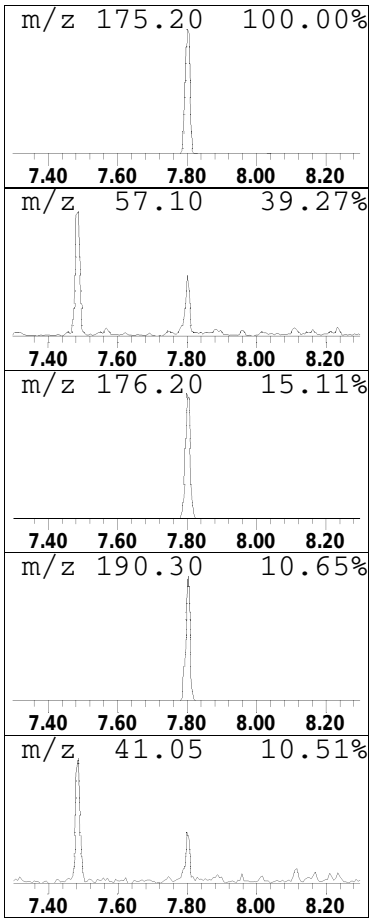
****

Peak Number 4 Unknown Benzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.798	1.69 ug/ml	221898	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	95
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
3	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72
5	2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	59





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

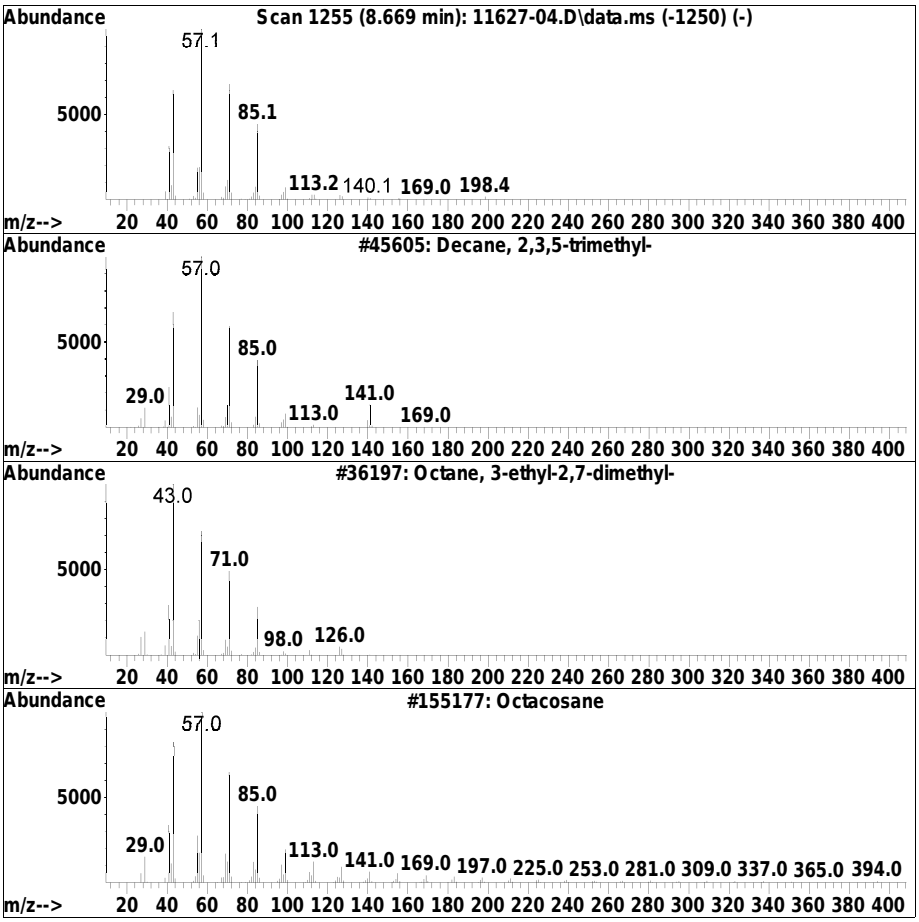
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

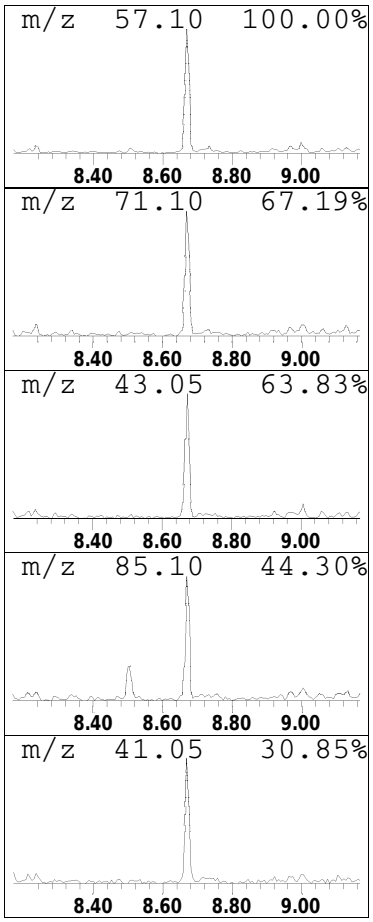
****

Peak Number 5 Unknown Alkane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.669	1.40 ug/ml	236037	IS1_Acenaphthene-d10	9.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
2	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	83
3	Octacosane	394	C28H58	000630-02-4	72
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
5	Decane, 2-methyl-	156	C11H24	006975-98-0	72





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

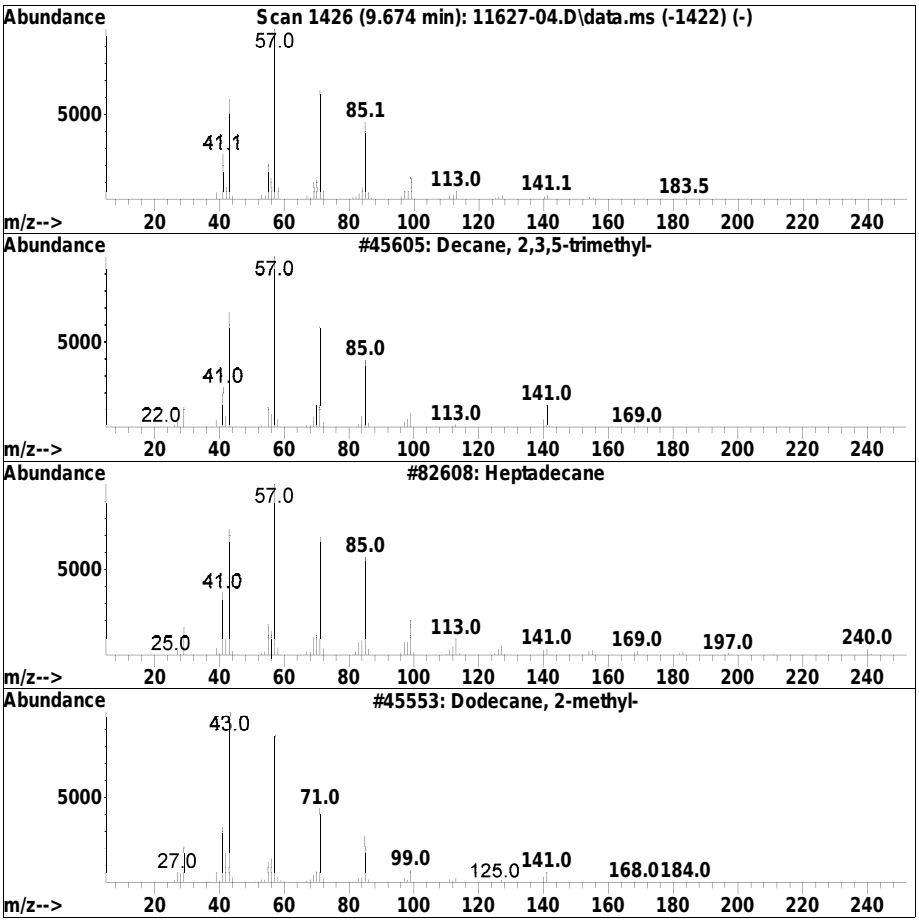
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

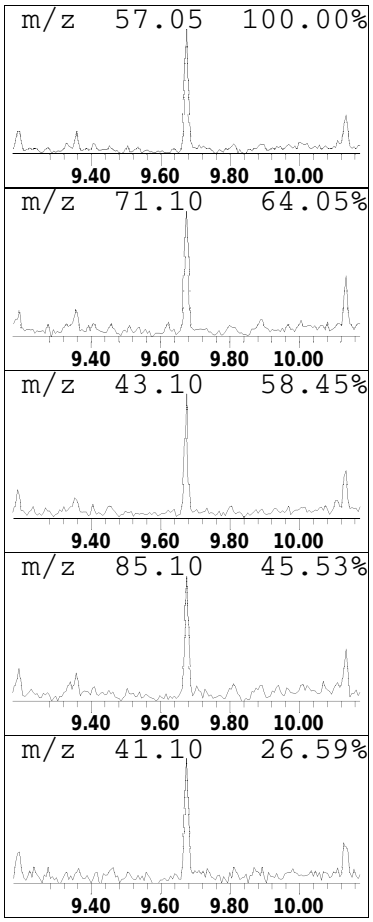
****

Peak Number 6 Unknown Alkane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.674	0.64 ug/ml	108854	IS3_Acenaphthene-d10	9.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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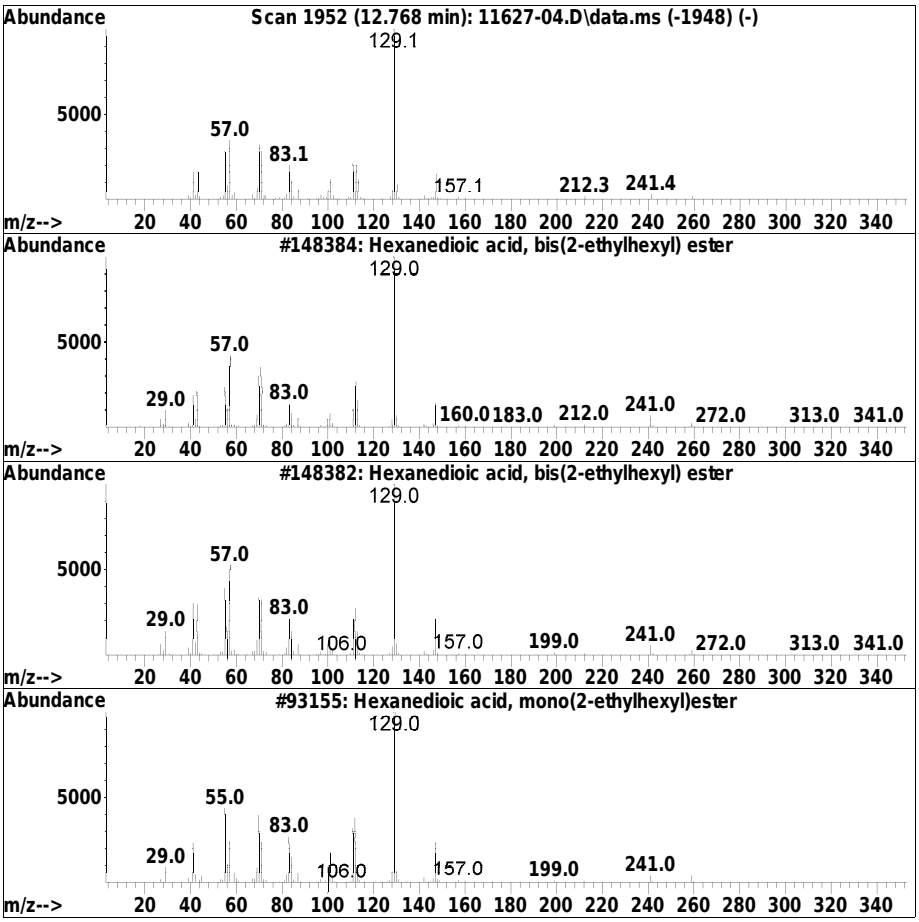
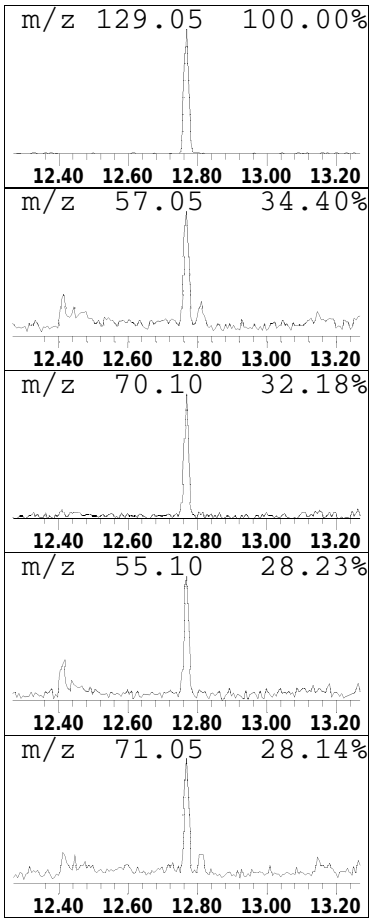
Peak Number 7 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.768	1.05 ug/ml	207778	IS1_Chrysene-d12	13.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	83
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	83
3	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	58
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	53
5	Diisooctyl adipate	370	C22H42O4	001330-86-5	52





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

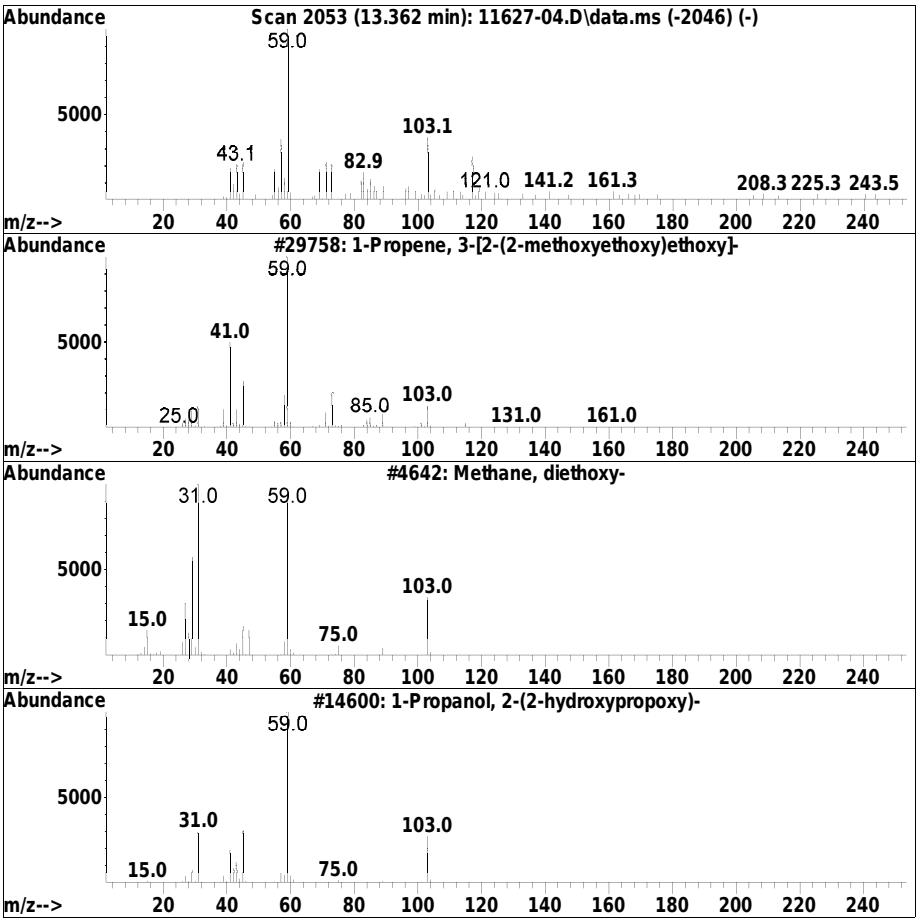
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

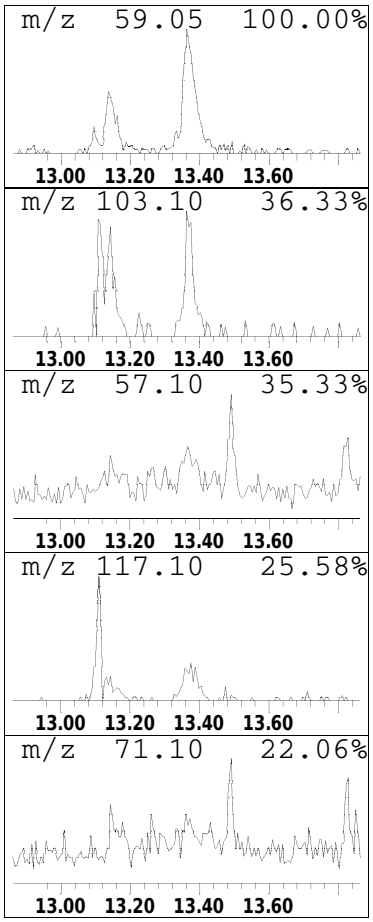
****

Peak Number 8 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.363	0.57 ug/ml	112361	IS1_Chrysene-d12	13.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	50
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	49
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	47
4	Dipropylene glycol	134	C6H14O3	025265-71-8	47
5	2-Methyl-tridecane-2,12-diol	230	C14H30O2	1000187-03-5	43





Data Path : I:\8270\SV107\200318lvi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

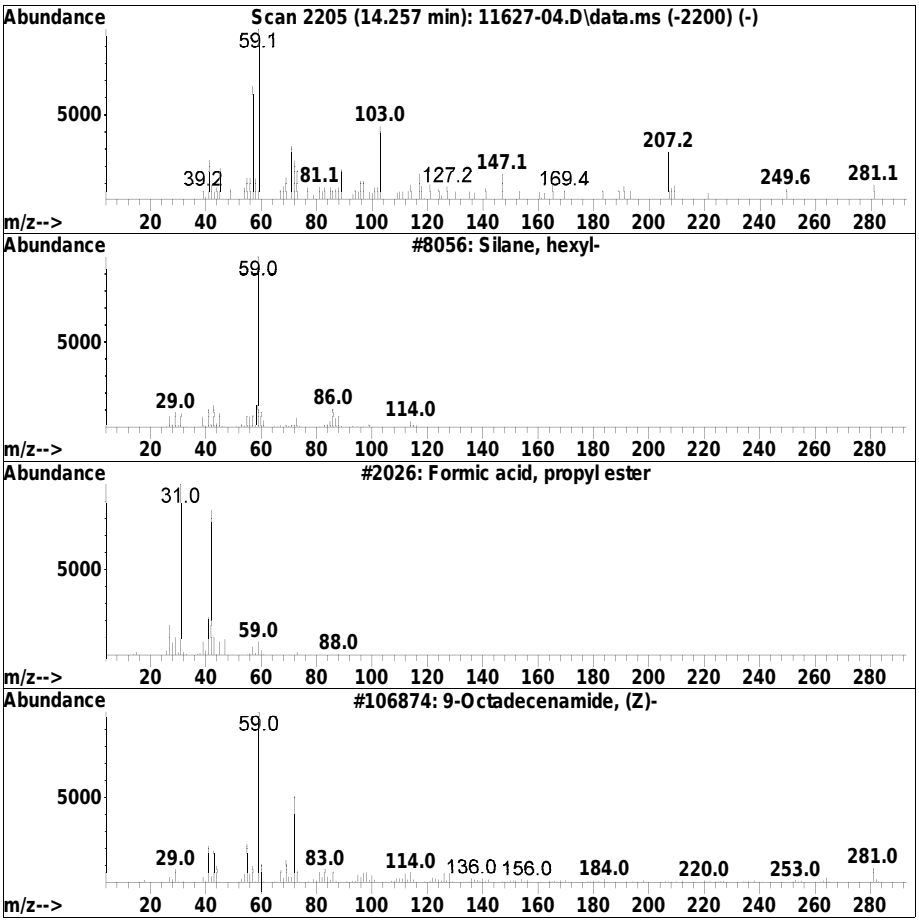
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

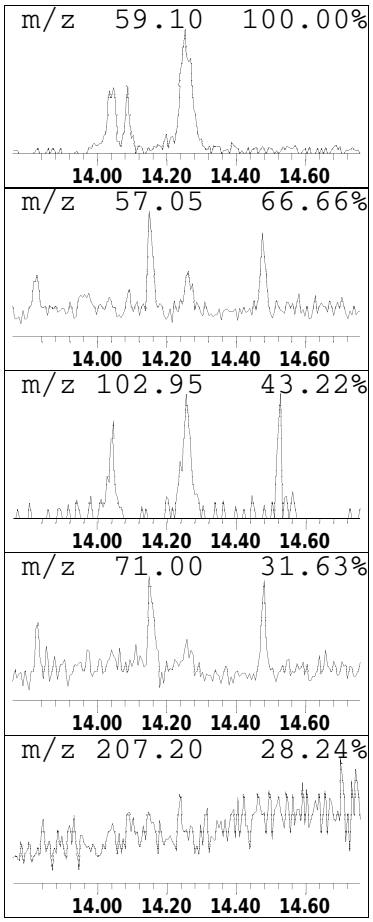
****

Peak Number 9 Unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	0.44 ug/ml	85080	IS1_Perylene-d12	14.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, hexyl-	116	C6H16Si	001072-14-6	16
2	Formic acid, propyl ester	88	C4H8O2	000110-74-7	16
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	16
4	Carbamic acid, (1-cyanoethyl)-, ...	170	C8H14N2O2	100927-09-1	16
5	3-Tetradecanol	214	C14H30O	001653-32-3	16





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

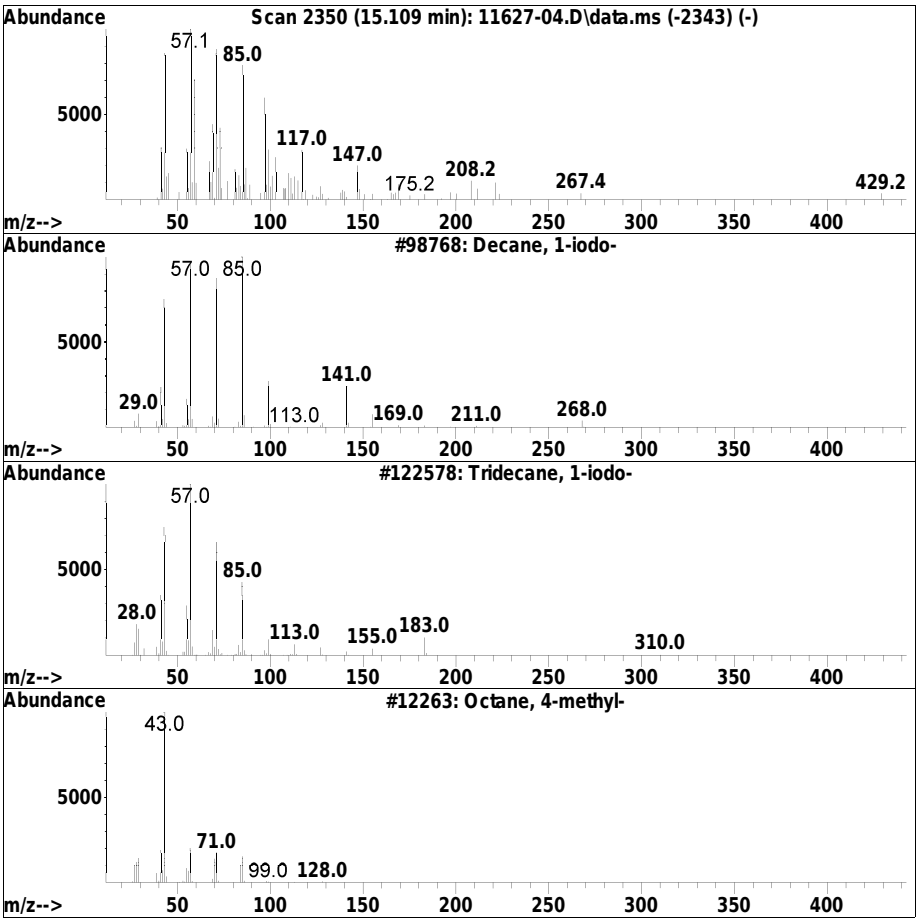
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

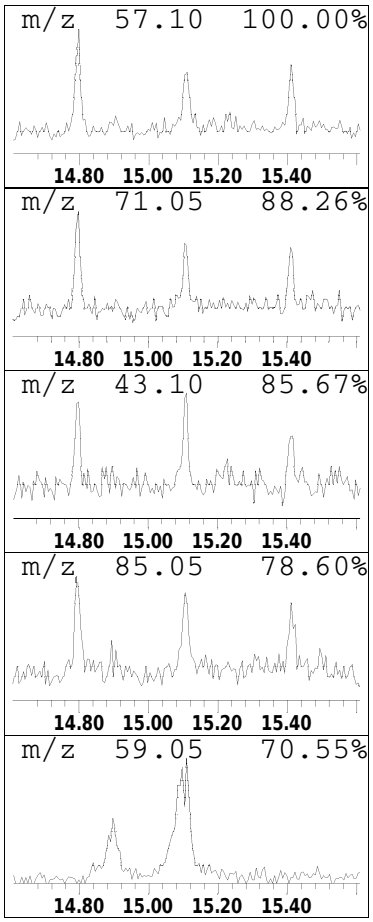
****

Peak Number 10 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.109	0.56 ug/ml	108089	IS1_Perylene-d12	14.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	38
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38
3	Octane, 4-methyl-	128	C9H20	002216-34-4	35
4	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	35
5	Heneicosane	296	C21H44	000629-94-7	27





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-04.D
Acq On : 19 Mar 2020 2:03 am
Operator : SV107:sz
Sample : L2011627-04,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown Alkane	5.781	1.0	ug/ml	100339	1	5.869	419232	4.0
Unknown Alkane	7.486	1.9	ug/ml	244517	5	7.363	525358	4.0
Unknown Benzene	7.798	1.7	ug/ml	221898	5	7.363	525358	4.0
Unknown Alkane	8.669	1.4	ug/ml	236037	6	9.127	675739	4.0
Unknown Alkane	9.674	0.6	ug/ml	108854	8	9.127	675739	4.0
Unknown	12.768	1.0	ug/ml	207778	12	13.110	791871	4.0
Unknown	13.363	0.6	ug/ml	112361	12	13.110	791871	4.0
Unknown	14.257	0.4	ug/ml	85080	13	14.527	765273	4.0
Unknown	15.109	0.6	ug/ml	108089	13	14.527	765273	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 19 14:06:22 2020
Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 06:05:15 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\2003181vi\ABN0318.D
: 2 - i:\8270\sv107\2003181vi\ADP0318.D
: 3 - i:\8270\sv107\2003181vi\AP90318.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	5.869	150	95619	4.000	ug/ml	0.00
Standard Area 1 = 134039			Recovery = 71.34%			
27) IS2_1,4-Dichlorobenzen...	5.869	150	95619	4.000	ug/ml	0.00
Standard Area 3 = 127329			Recovery = 75.10%			
34) IS1_Naphthalene-d8	7.363	136	262224	4.000	ug/ml	0.00
Standard Area 1 = 341279			Recovery = 76.84%			
54) IS2_Naphthalene-d8	7.363	136	262224	4.000	ug/ml	0.00
Standard Area 3 = 359333			Recovery = 72.98%			
62) IS1_Acenaphthene-d10	9.128	164	144472	4.000	ug/ml	0.00
Standard Area 1 = 183956			Recovery = 78.54%			
85) IS3_Acenaphthene-d10	9.128	164	144472	4.000	ug/ml	0.00
Standard Area 2 = 186322			Recovery = 77.54%			
87) IS1_Phenanthrene-d10	10.545	188	268580	4.000	ug/ml	# 0.00
Standard Area 1 = 331595			Recovery = 81.00%			
103) IS1_Chrysene-d12	13.110	240	236714	4.000	ug/ml	# 0.00
Standard Area 1 = 272339			Recovery = 86.92%			
112) IS1_Perylene-d12	14.527	264	238881	4.000	ug/ml	0.00
Standard Area 1 = 269850			Recovery = 88.52%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.428	112	37535	1.970	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 39.40%			
7) Phenol-d6	5.510	99	49001	1.962	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 39.24%			
19) Nitrobenzene-d5	6.581	82	29055	0.867	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 34.68%			
45) 2-Fluorobiphenyl	8.504	172	63771	0.921	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 36.84%			
78) 2,4,6-Tribromophenol	9.892	330	12174	2.670	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 53.40%			
95) 4-Terphenyl-d14	12.122	244	76826	1.159	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 46.36%			
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	d	

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 19 14:06:22 2020
Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 06:05:15 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\2003181vi\ABN0318.D
: 2 - i:\8270\sv107\2003181vi\ADP0318.D
: 3 - i:\8270\sv107\2003181vi\AP90318.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.	d	
37) 4-Chloroaniline	0.000		0	N.D.	d	
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.	d	
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.	d	
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.	d	
66) Dibenzofuran	0.000		0	N.D.	d	
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.	d	
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.	d	
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.	d	
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.	d	

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 19 14:06:22 2020
Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 06:05:15 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\2003181vi\ABN0318.D
: 2 - i:\8270\sv107\2003181vi\ADP0318.D
: 3 - i:\8270\sv107\2003181vi\AP90318.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
106) Chrysene	0.000		0	N.D.	d	
107) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108) Di-n-octylphthalate	0.000		0	N.D.	d	
115) Benzo(ghi)perylene	0.000		0	N.D.		

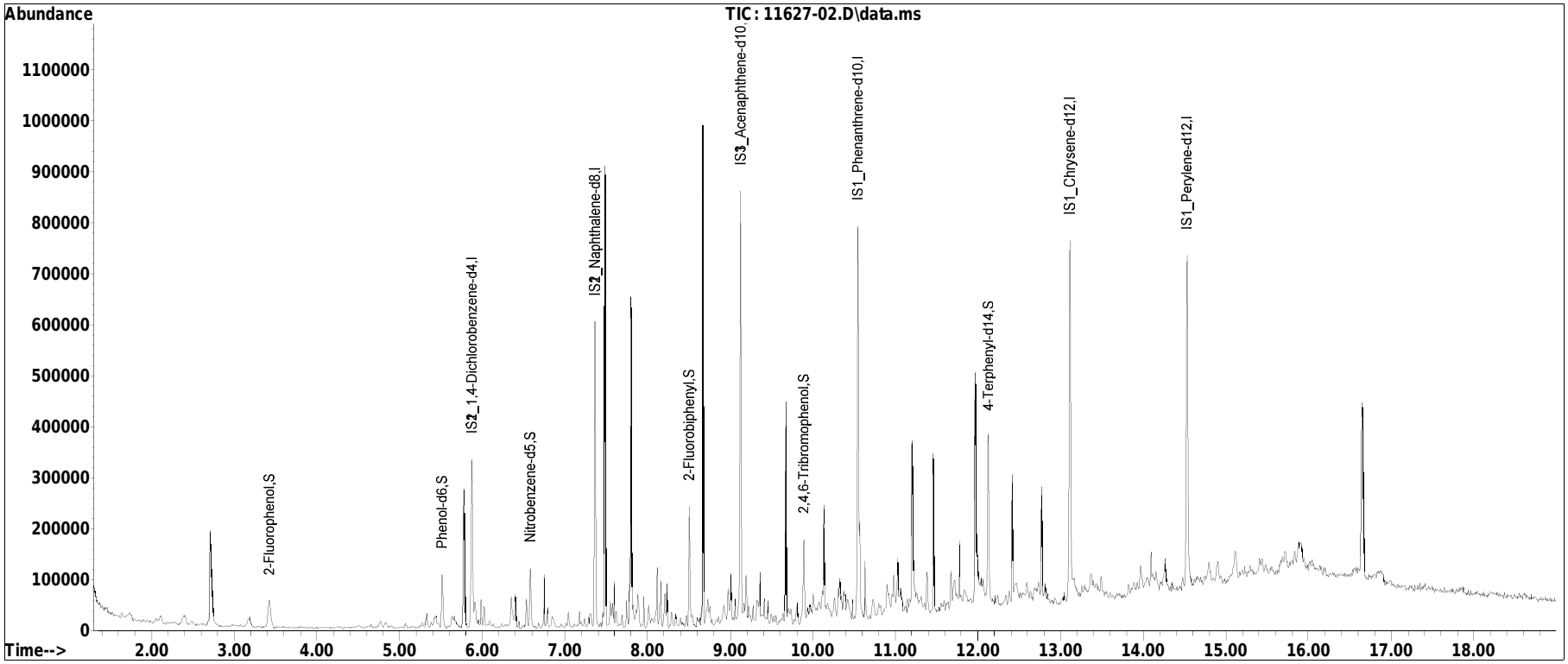
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\200318lvi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 19 14:06:22 2020
Quant Method : i:\8270\sv107\200318lvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 06:05:15 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional318.D•



Manual Integration Report

Data Path	: I:\8270\SV107\200318lvi\	QMethod	: FS190927SV107.m
Data File	: 11627-02.D	Operator	: SV107:sz
Date Inj'd	: 3/19/2020 5:38 am	Instrument	: SV 107
Sample	: L2011627-02,32,,nj-bnext-l	Quant Date	: 3/19/2020 6:05 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 11627-02.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.110	137	140	147	rVB7	15656	28217	3.08%	0.181%
2	2.393	178	188	189	rBV6	18581	36136	3.95%	0.232%
3	2.705	233	241	261	rVB	188022	398361	43.52%	2.562%
4	3.181	311	322	330	rBV7	20330	59497	6.50%	0.383%
5	3.422	356	363	375	rVV	53197	120646	13.18%	0.776%
6	5.328	682	687	692	rBV4	27621	37054	4.05%	0.238%
7	5.440	698	706	709	rBV5	18505	43059	4.70%	0.277%
8	5.510	714	718	728	rVB	104737	127888	13.97%	0.822%
9	5.628	734	738	741	rBV	20622	30629	3.35%	0.197%
10	5.657	741	743	755	rVB3	21572	40939	4.47%	0.263%
11	5.781	759	764	773	rBV	271975	315346	34.45%	2.028%
12	5.869	773	779	783	rBV	329859	420228	45.91%	2.702%
13	5.904	783	785	791	rVV4	49893	78427	8.57%	0.504%
14	5.987	795	799	802	rVV2	52739	57111	6.24%	0.367%
15	6.022	802	805	809	rVV	38386	37904	4.14%	0.244%
16	6.351	855	861	866	rBV2	56719	85814	9.37%	0.552%
17	6.398	866	869	873	rVB2	64045	67691	7.39%	0.435%
18	6.540	890	893	896	rBV2	55511	50666	5.54%	0.326%
19	6.581	896	900	906	rVB2	114878	120523	13.17%	0.775%
20	6.745	922	928	932	rBV	102260	98370	10.75%	0.633%
21	6.793	932	936	940	rVB2	37814	43846	4.79%	0.282%
22	6.851	940	946	957	rVB5	21996	46055	5.03%	0.296%
23	7.040	975	978	984	rVB3	28039	25434	2.78%	0.164%
24	7.175	994	1001	1004	rBV3	29252	37077	4.05%	0.238%
25	7.316	1021	1025	1029	rVB3	24985	38957	4.26%	0.251%
26	7.363	1029	1033	1040	rVB	598825	516504	56.43%	3.321%
27	7.487	1046	1054	1058	rBV	902724	787881	86.07%	5.067%
28	7.545	1059	1064	1066	rVV2	46269	42929	4.69%	0.276%

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.569	1066	1068	1070	rVV	43330	37089	4.05%	0.239%
30	7.592	1070	1072	1075	rVV	84898	72686	7.94%	0.467%
31	7.628	1075	1078	1082	rVV3	27109	28630	3.13%	0.184%
32	7.745	1093	1098	1102	rBV	51443	55886	6.11%	0.359%
33	7.798	1102	1107	1115	rVV	641839	679435	74.23%	4.369%
34	7.881	1115	1121	1127	rVB5	63558	118812	12.98%	0.764%
35	7.963	1127	1135	1138	rVB	61986	70869	7.74%	0.456%
36	8.016	1138	1144	1148	rBV2	44893	63751	6.96%	0.410%
37	8.116	1154	1161	1164	rVV5	110253	131159	14.33%	0.843%
38	8.163	1164	1169	1173	rVB2	89567	112699	12.31%	0.725%
39	8.210	1173	1177	1179	rBV2	63951	70459	7.70%	0.453%
40	8.234	1179	1181	1185	rVB	85563	67616	7.39%	0.435%
41	8.287	1185	1190	1195	rBV2	29326	43244	4.72%	0.278%
42	8.339	1195	1199	1205	rVB2	24898	32501	3.55%	0.209%
43	8.504	1224	1227	1241	rVB	234965	235986	25.78%	1.518%
44	8.669	1250	1255	1259	rBV	979350	789138	86.21%	5.075%
45	8.734	1259	1266	1268	rBV3	48469	77906	8.51%	0.501%
46	8.922	1290	1298	1303	rVV3	37904	83009	9.07%	0.534%
47	8.969	1303	1306	1308	rVV2	68688	73781	8.06%	0.474%
48	9.004	1308	1312	1318	rVV2	98136	136728	14.94%	0.879%
49	9.063	1319	1322	1325	rVV	46572	46651	5.10%	0.300%
50	9.128	1325	1333	1338	rVV	844691	768320	83.94%	4.941%
51	9.186	1338	1343	1347	rVV3	90211	118051	12.90%	0.759%
52	9.222	1347	1349	1355	rVB3	30294	38869	4.25%	0.250%
53	9.275	1355	1358	1363	rBV2	32389	32231	3.52%	0.207%
54	9.322	1363	1366	1369	rBV4	40305	57832	6.32%	0.372%
55	9.357	1369	1372	1376	rVV3	91237	96915	10.59%	0.623%
56	9.410	1378	1381	1384	rVB	39122	33531	3.66%	0.216%
57	9.457	1385	1389	1394	rVB	46008	48263	5.27%	0.310%
58	9.639	1410	1420	1422	rBV5	22437	41567	4.54%	0.267%
59	9.675	1422	1426	1429	rBV	431314	346656	37.87%	2.229%
60	9.804	1440	1448	1454	rBV3	42303	83639	9.14%	0.538%

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	9.892	1455	1463	1467	rBV2	166793	203978	22.28%	1.312%
62	9.939	1467	1471	1473	rVV4	21751	29841	3.26%	0.192%
63	9.969	1473	1476	1478	rVV2	24935	25110	2.74%	0.161%
64	10.004	1480	1482	1488	rVV3	41729	55272	6.04%	0.355%
65	10.075	1490	1494	1497	rVV6	21428	35574	3.89%	0.229%
66	10.133	1497	1504	1509	rVB	205138	223444	24.41%	1.437%
67	10.263	1520	1526	1530	rBV3	37466	57411	6.27%	0.369%
68	10.328	1530	1537	1542	rVV5	75844	172368	18.83%	1.108%
69	10.369	1542	1544	1550	rVV3	52334	103911	11.35%	0.668%
70	10.422	1550	1553	1560	rVB6	39527	81756	8.93%	0.526%
71	10.480	1560	1563	1566	rBV2	38862	36612	4.00%	0.235%
72	10.545	1569	1574	1587	rVV2	770218	915367	100.00%	5.886%
73	10.639	1587	1590	1597	rVB	112989	104528	11.42%	0.672%
74	10.733	1602	1606	1613	rBV4	38314	81356	8.89%	0.523%
75	10.798	1614	1617	1620	rBV4	21225	25718	2.81%	0.165%
76	10.898	1631	1634	1642	rBV5	45742	72844	7.96%	0.468%
77	10.980	1642	1648	1652	rBV4	62634	99233	10.84%	0.638%
78	11.028	1652	1656	1659	rBV	86456	91122	9.95%	0.586%
79	11.145	1674	1676	1679	rBV3	26400	33136	3.62%	0.213%
80	11.204	1679	1686	1692	rVV	326847	372858	40.73%	2.398%
81	11.375	1713	1715	1722	rVB	80214	92524	10.11%	0.595%
82	11.457	1726	1729	1736	rVB	310220	271365	29.65%	1.745%
83	11.669	1762	1765	1768	rBV2	73707	73605	8.04%	0.473%
84	11.710	1768	1772	1779	rVV4	51946	120124	13.12%	0.772%
85	11.775	1779	1783	1790	rVV2	123302	139506	15.24%	0.897%
86	11.833	1791	1793	1802	rVB5	23976	52384	5.72%	0.337%
87	11.969	1810	1816	1825	rBV	450300	587780	64.21%	3.780%
88	12.116	1838	1841	1848	rVB	329748	366849	40.08%	2.359%
89	12.416	1888	1892	1895	rBV	249472	226539	24.75%	1.457%
90	12.680	1934	1937	1940	rBV5	25850	45996	5.02%	0.296%
91	12.769	1948	1952	1956	rVV2	214706	215736	23.57%	1.387%

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

92	12.810	1957	1959	1963	rVB4	28391	29048	3.17%	0.187%
93	13.110	2004	2010	2015	rBV2	708131	815678	89.11%	5.245%
94	13.369	2052	2054	2058	rBV5	23728	31344	3.42%	0.202%
95	13.492	2073	2075	2082	rVB7	38465	56200	6.14%	0.361%
96	13.969	2153	2156	2162	rBV6	46384	72148	7.88%	0.464%
97	14.092	2173	2177	2180	rBV3	66704	87386	9.55%	0.562%
98	14.263	2203	2206	2215	rVB6	61679	101041	11.04%	0.650%
99	14.480	2240	2243	2246	rBV5	25848	31776	3.47%	0.204%
100	14.527	2246	2251	2264	rVV	651009	824958	90.12%	5.305%

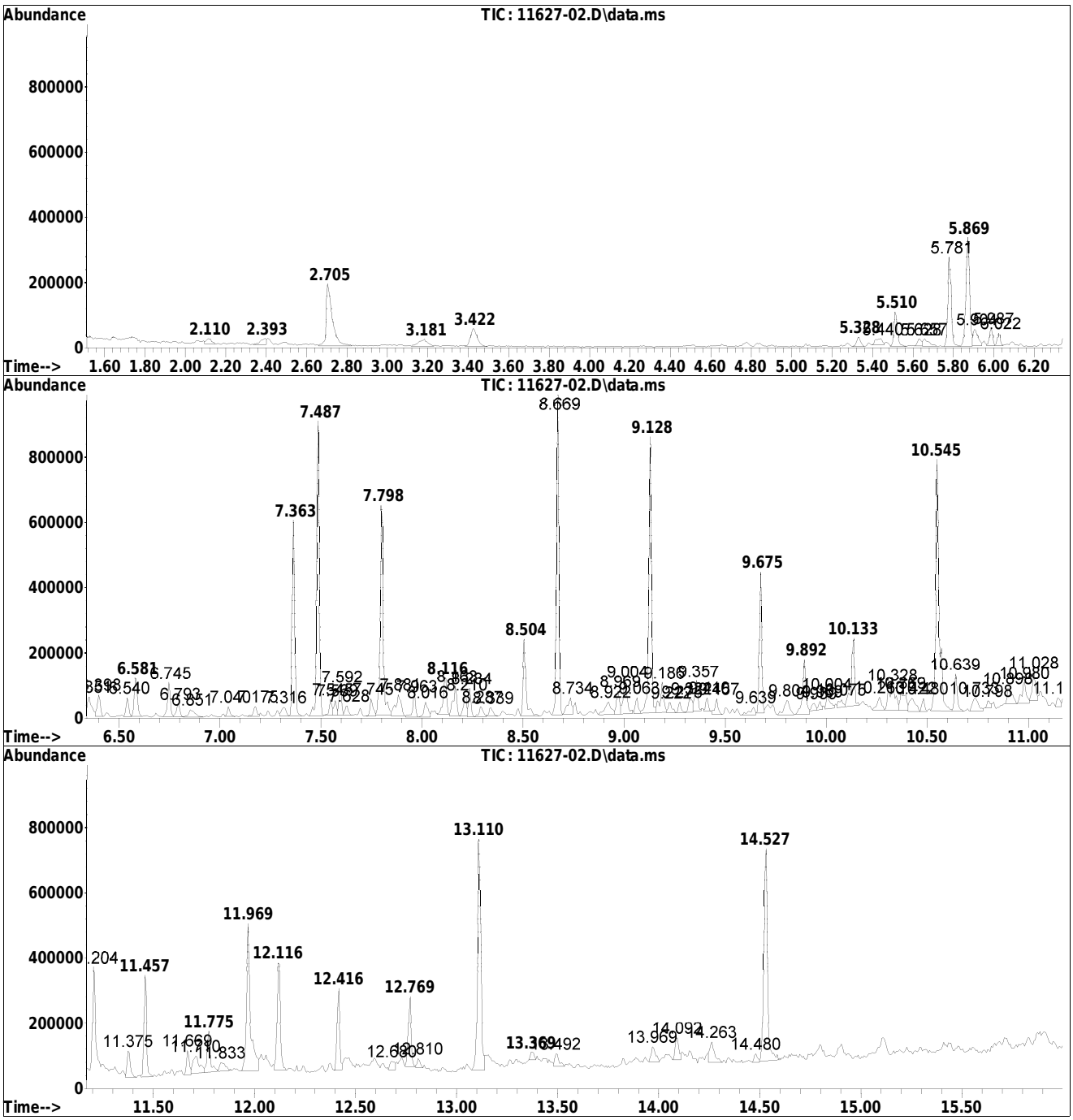
Sum of corrected areas: 15550524

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

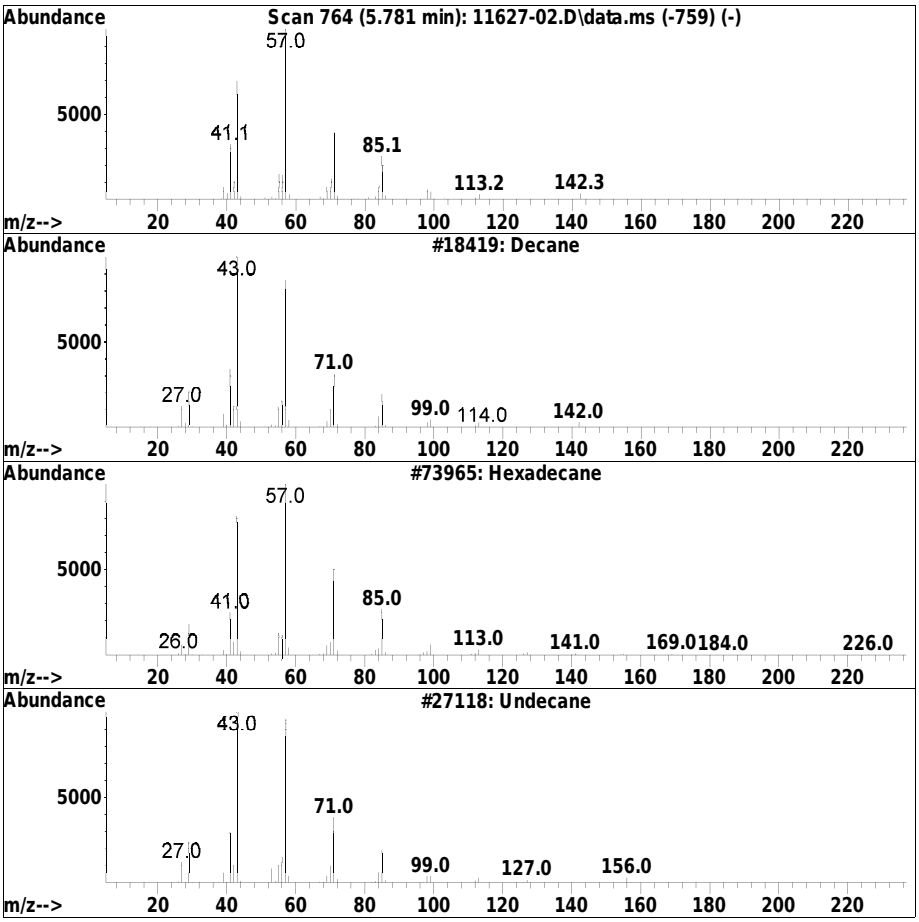
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

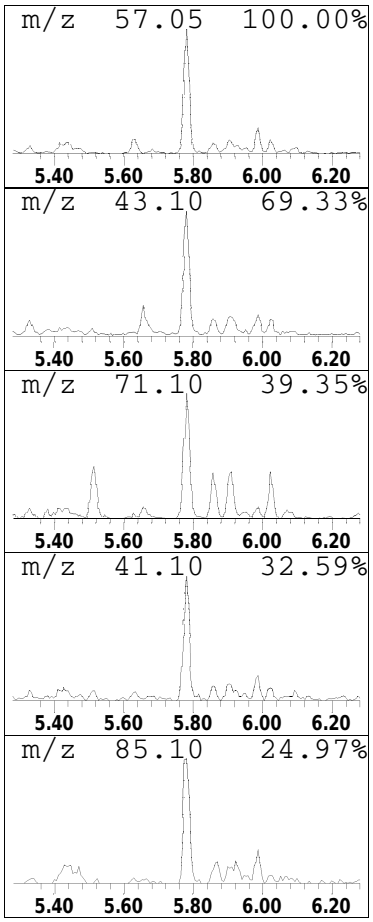
****

Peak Number 2 Unknown Alkane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.781	3.00 ug/ml	315346	IS2_1,4-Dichlorobenzene-d4	5.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Undecane	156	C11H24	001120-21-4	83
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	80
5	Decane	142	C10H22	000124-18-5	80





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

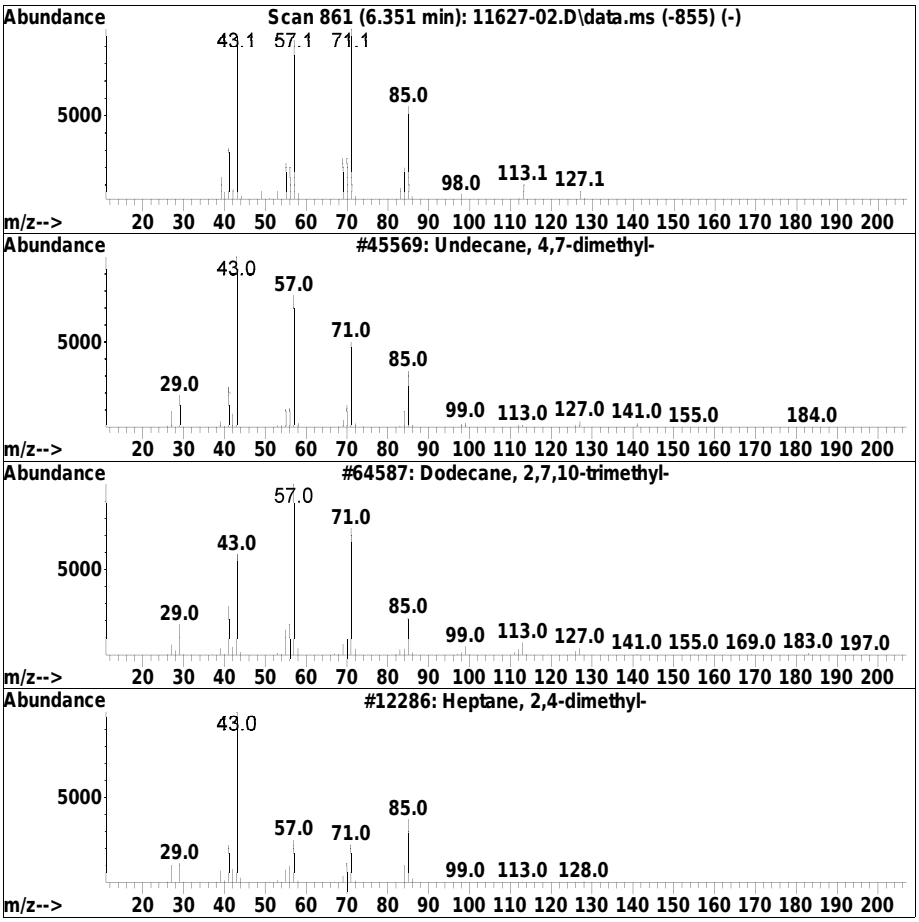
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

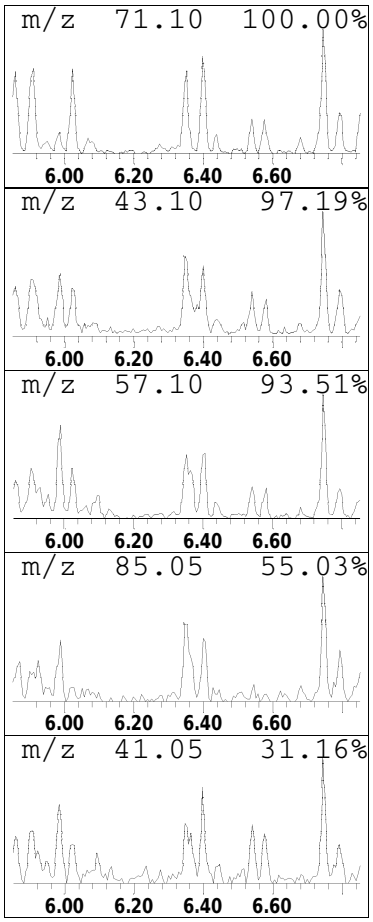
****

Peak Number 3 Unknown Alkane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.351	0.82 ug/ml	85814	IS3_1,4-Dichlorobenzene-d4	5.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	72
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	50





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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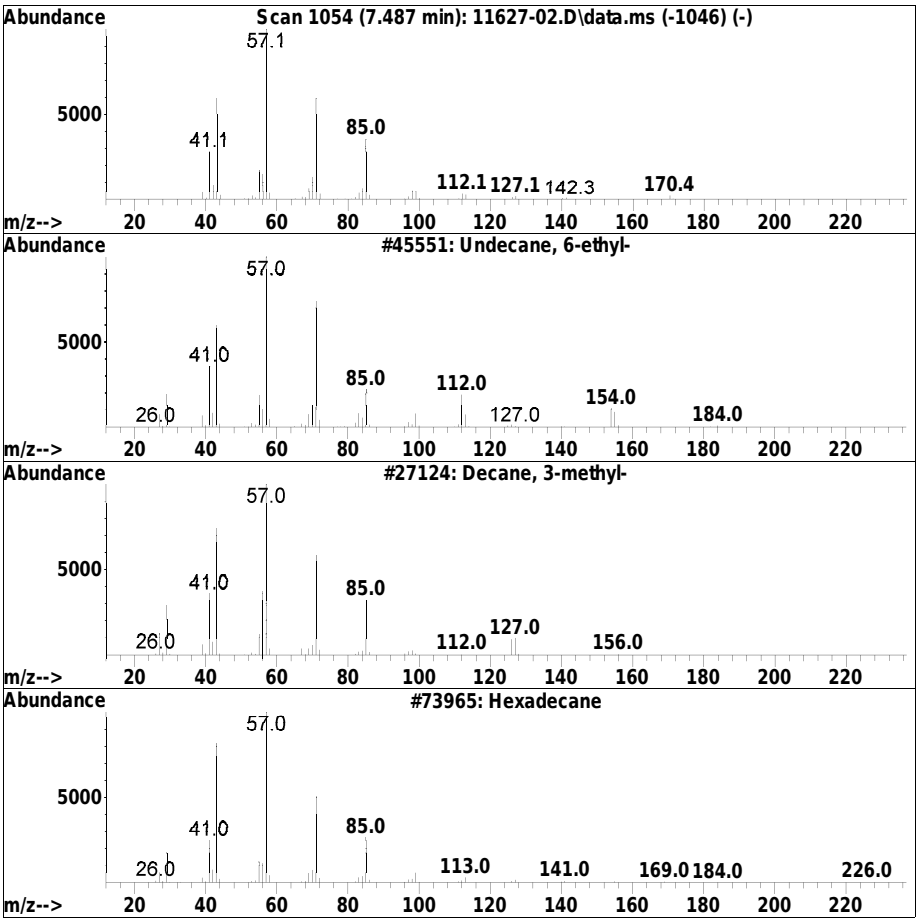
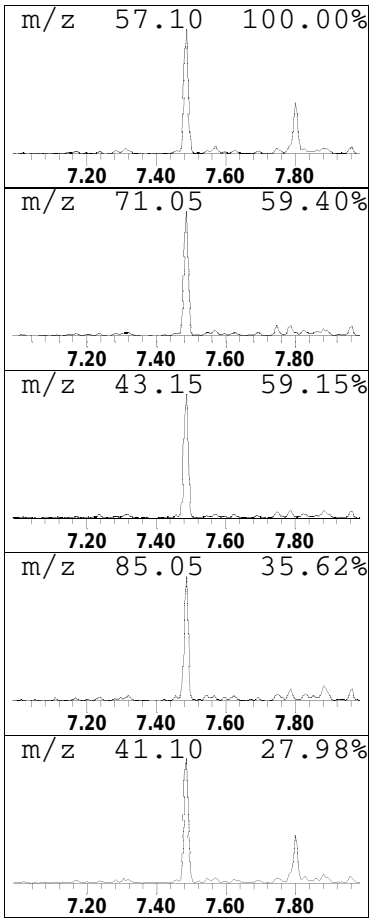
Peak Number 4 Unknown Alkane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.487	6.10 ug/ml	787881	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
2	Decane, 3-methyl-	156	C11H24	013151-34-3	59
3	Hexadecane	226	C16H34	000544-76-3	53
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53
5	Decane	142	C10H22	000124-18-5	53





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

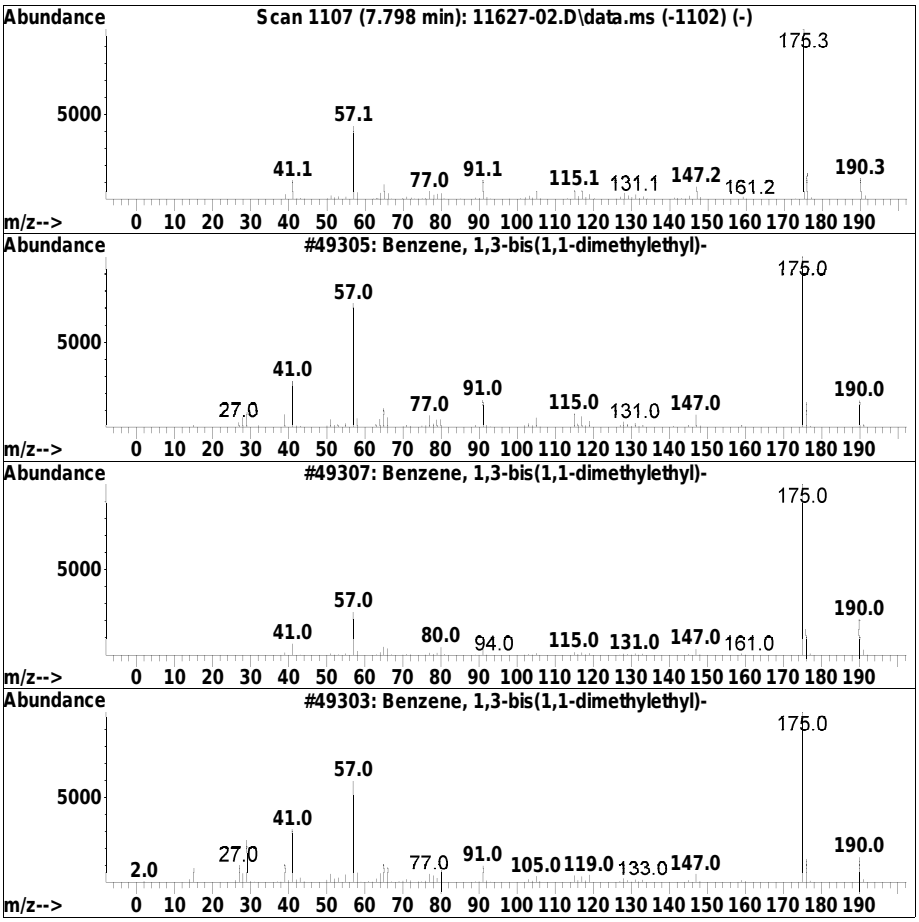
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

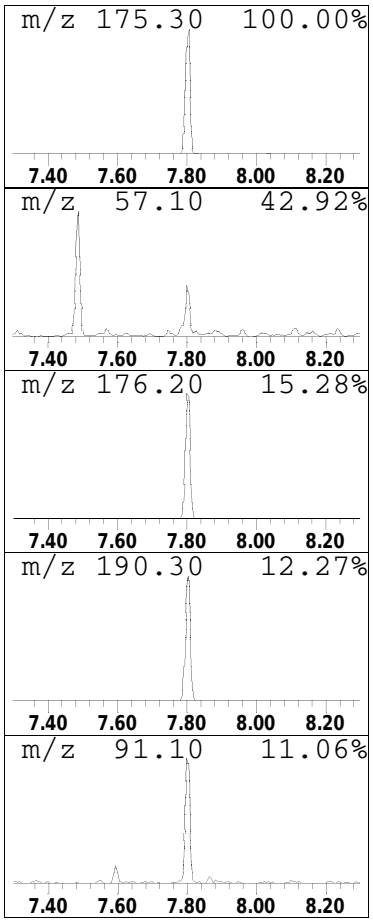
****

Peak Number 5 Unknown Benzene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.798	5.26 ug/ml	679435	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	94
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	86
5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

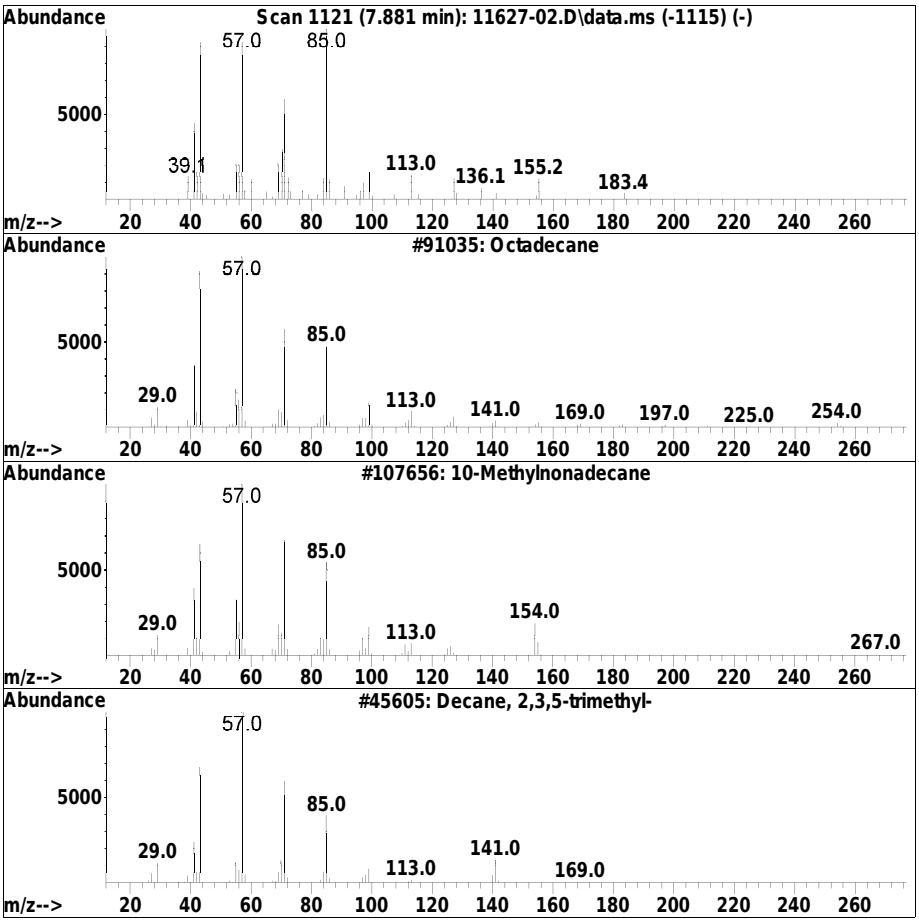
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

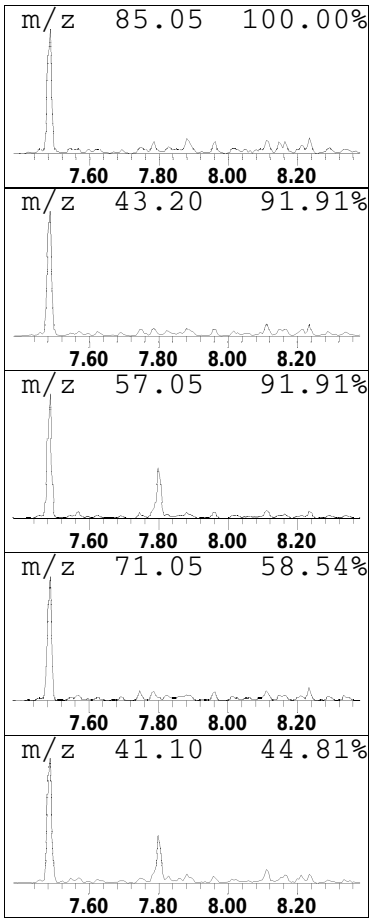
****

Peak Number 6 Unknown Alkane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.881	0.92 ug/ml	118812	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	50
2	10-Methylnonadecane	282	C20H42	056862-62-5	50
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	47
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	43
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	43





Data Path : I:\8270\SV107\200318lvi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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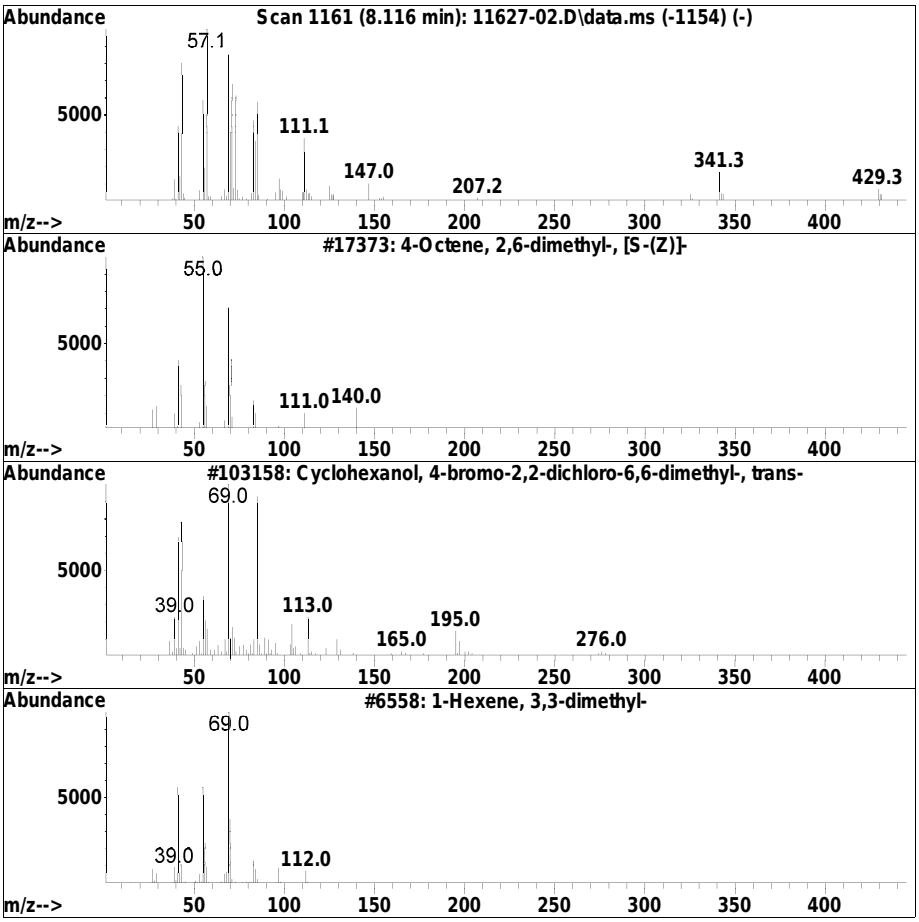
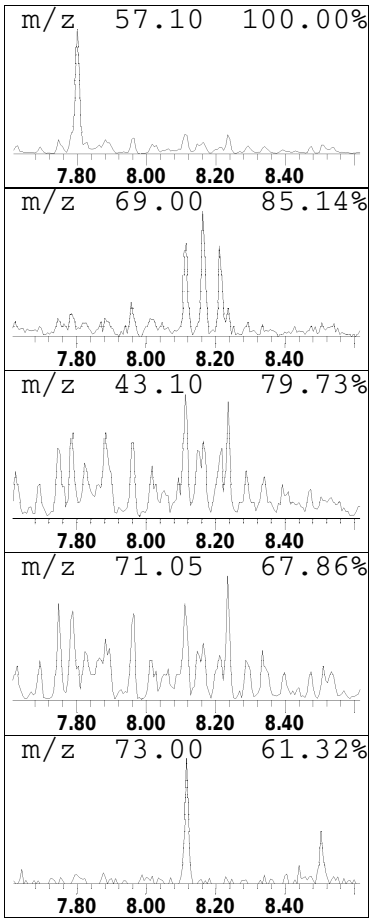
Peak Number 7 Unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.116	1.02 ug/ml	131159	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	35
2	Cyclohexanol, 4-bromo-2,2-dichlo...	274	C8H13BrCl2O	1000115-65-4	35
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	27
5	Nonadecane	268	C19H40	000629-92-5	27





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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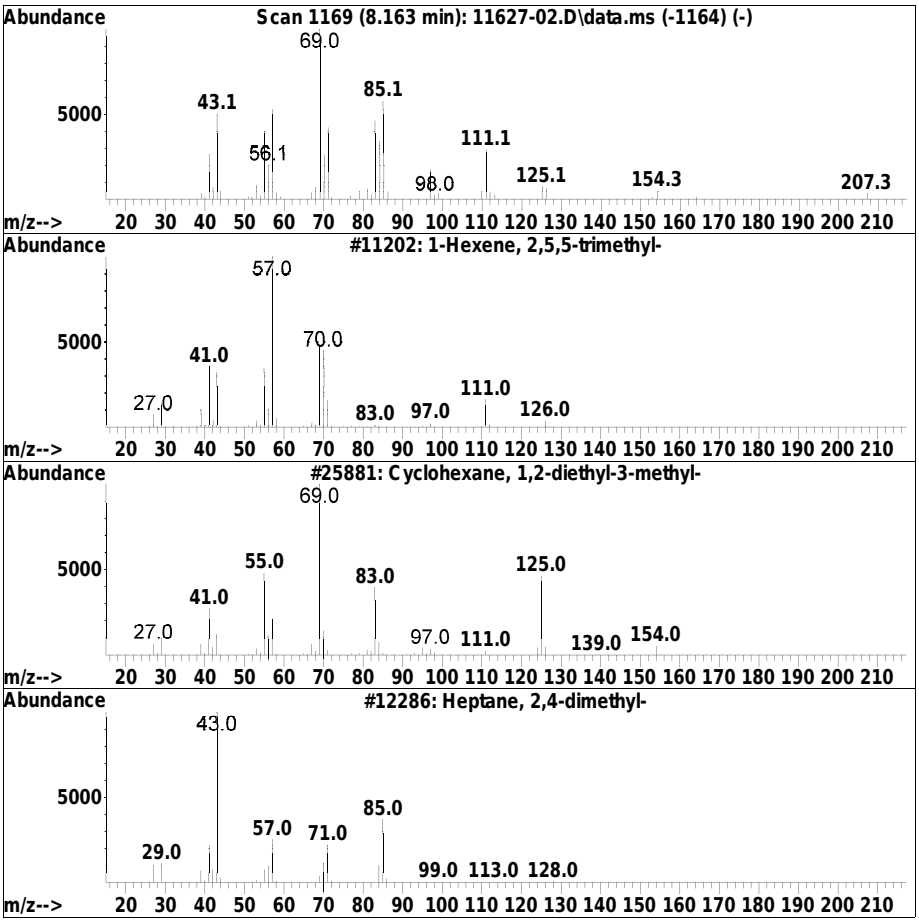
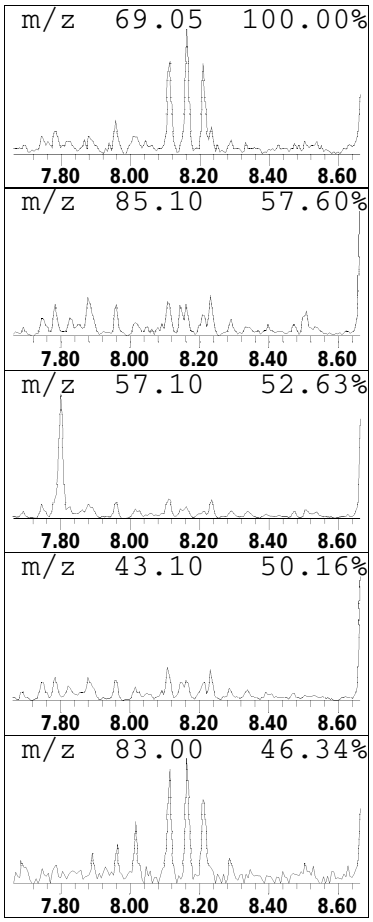
Peak Number 8 Unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.163	0.87 ug/ml	112699	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 2,5,5-trimethyl-	126	C9H18	062185-56-2	38
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	38
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	35
4	Octane	114	C8H18	000111-65-9	35
5	1-Dodecyn-4-ol	182	C12H22O	074646-36-9	35





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

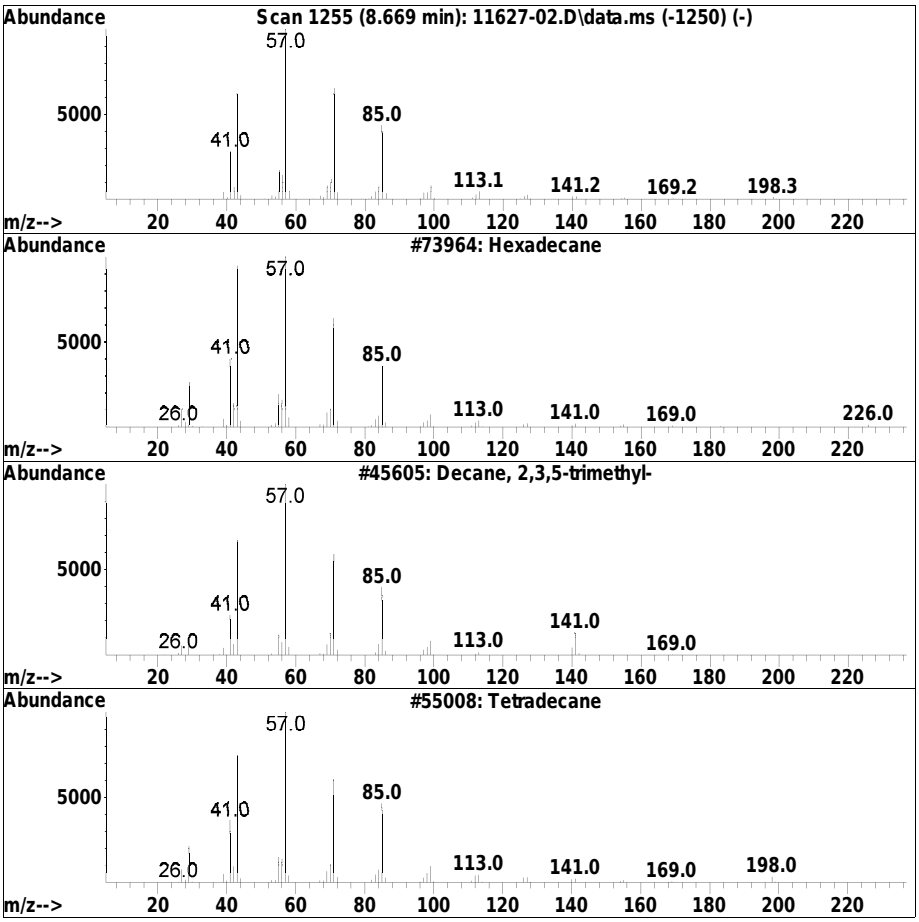
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

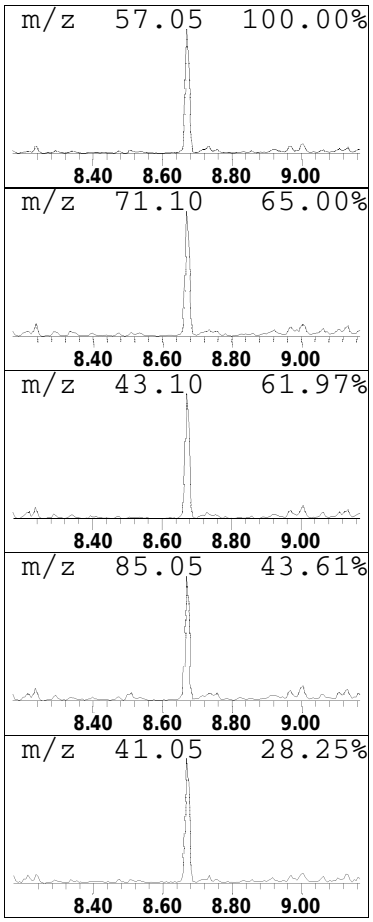
****

Peak Number 9 Unknown Alkane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.669	4.11 ug/ml	789138	IS1_Acenaphthene-d10	9.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Tetradecane	198	C14H30	000629-59-4	72
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

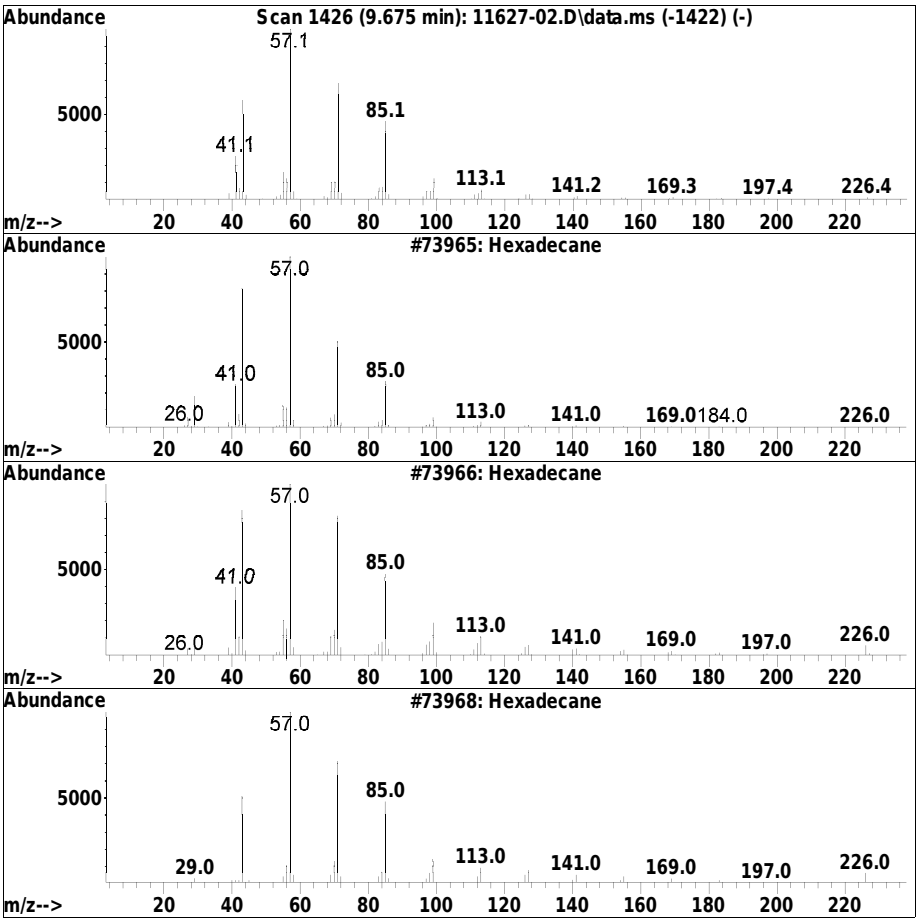
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

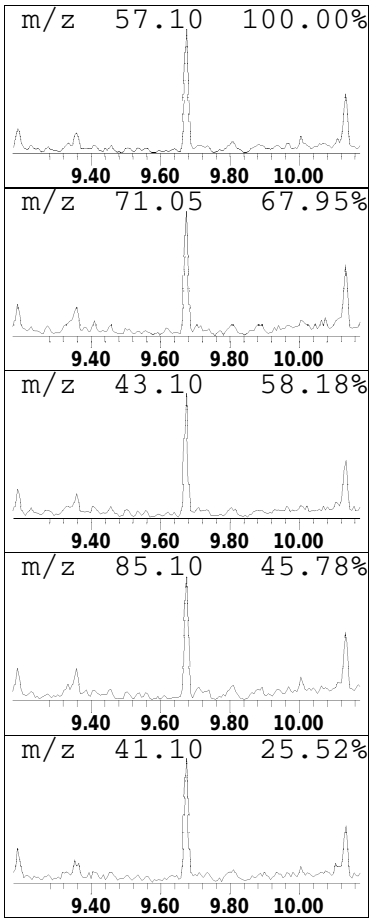
****

Peak Number 10 Unknown Alkane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.675	1.80 ug/ml	346656	IS3_Acenaphthene-d10	9.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Hexadecane	226	C16H34	000544-76-3	95
3	Hexadecane	226	C16H34	000544-76-3	94
4	Heptadecane	240	C17H36	000629-78-7	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : I:\8270\SV107\200318lvi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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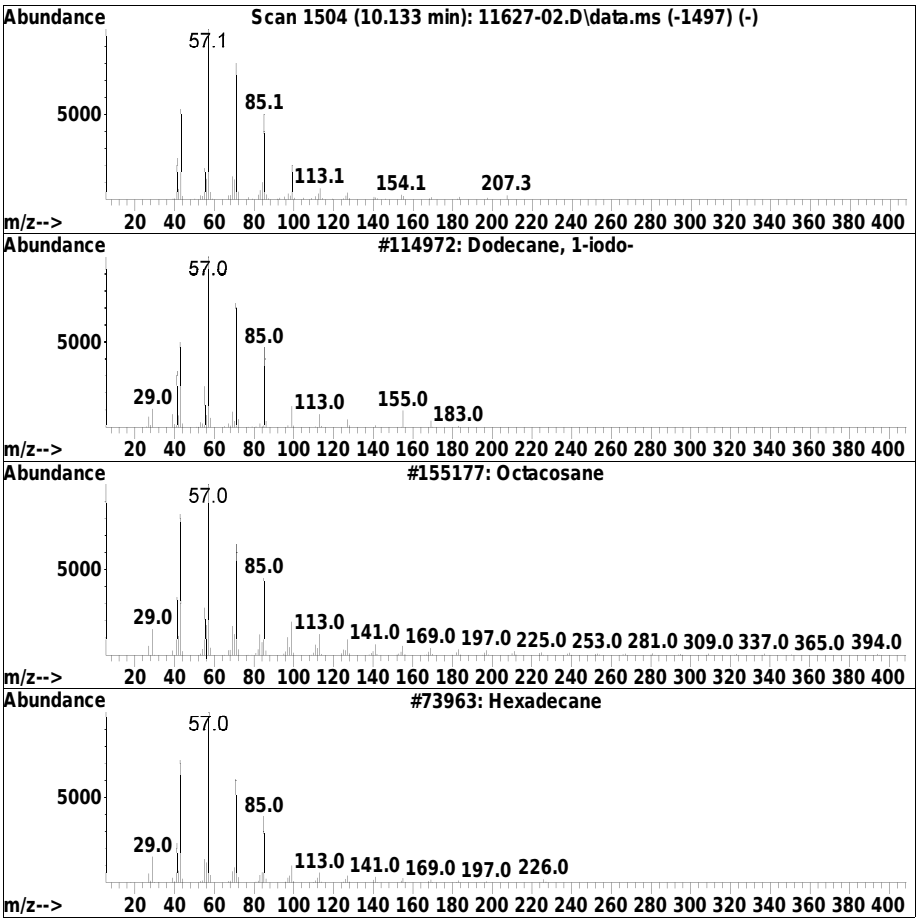
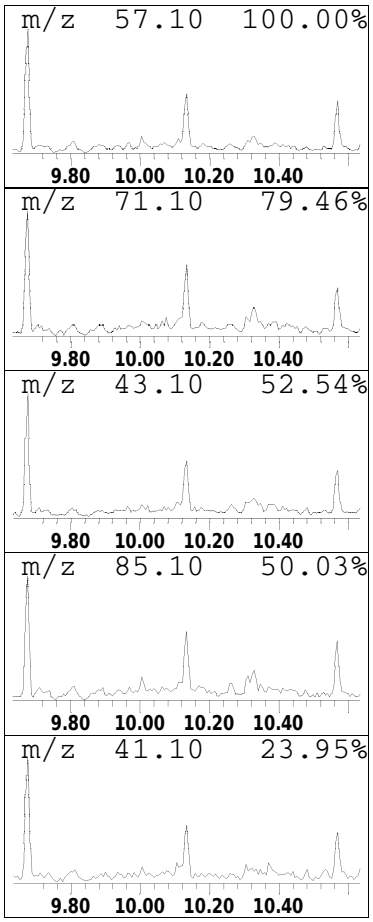
Peak Number 11 Unknown Alkane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.134	0.98 ug/ml	223444	IS1_Phenanthrene-d10	10.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
2	Octacosane	394	C28H58	000630-02-4	78
3	Hexadecane	226	C16H34	000544-76-3	78
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	59





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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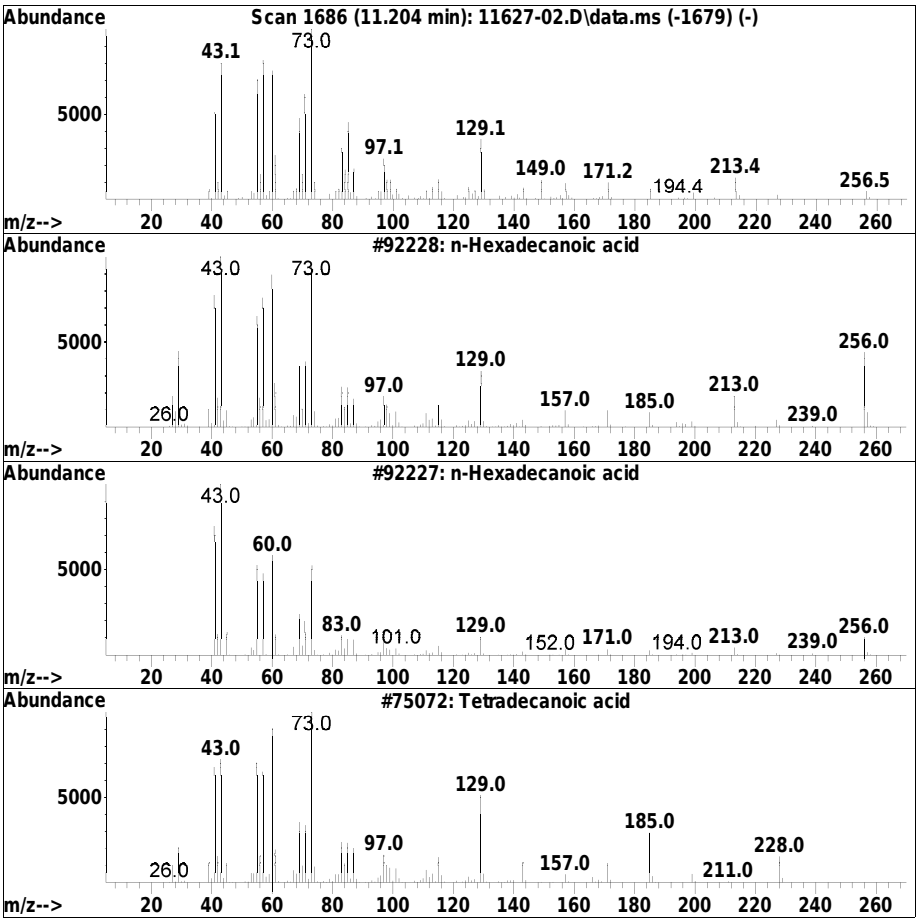
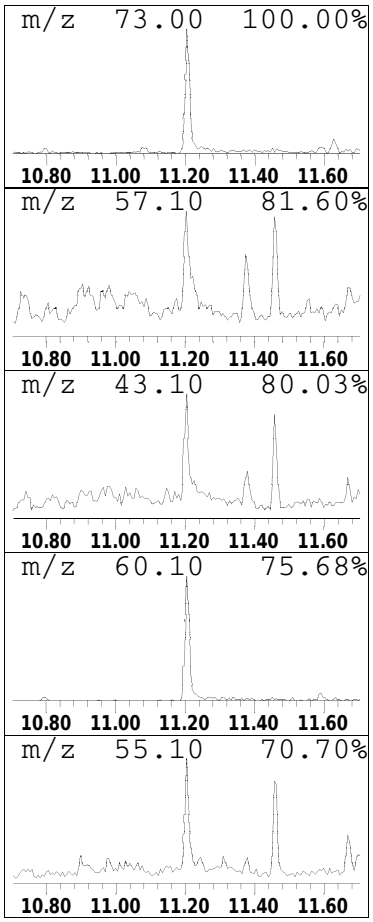
Peak Number 12 Unknown Organic Acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	1.63 ug/ml	372858	IS3_Phenanthrene-d10	10.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	35
5	Nonanoic acid	158	C9H18O2	000112-05-0	22





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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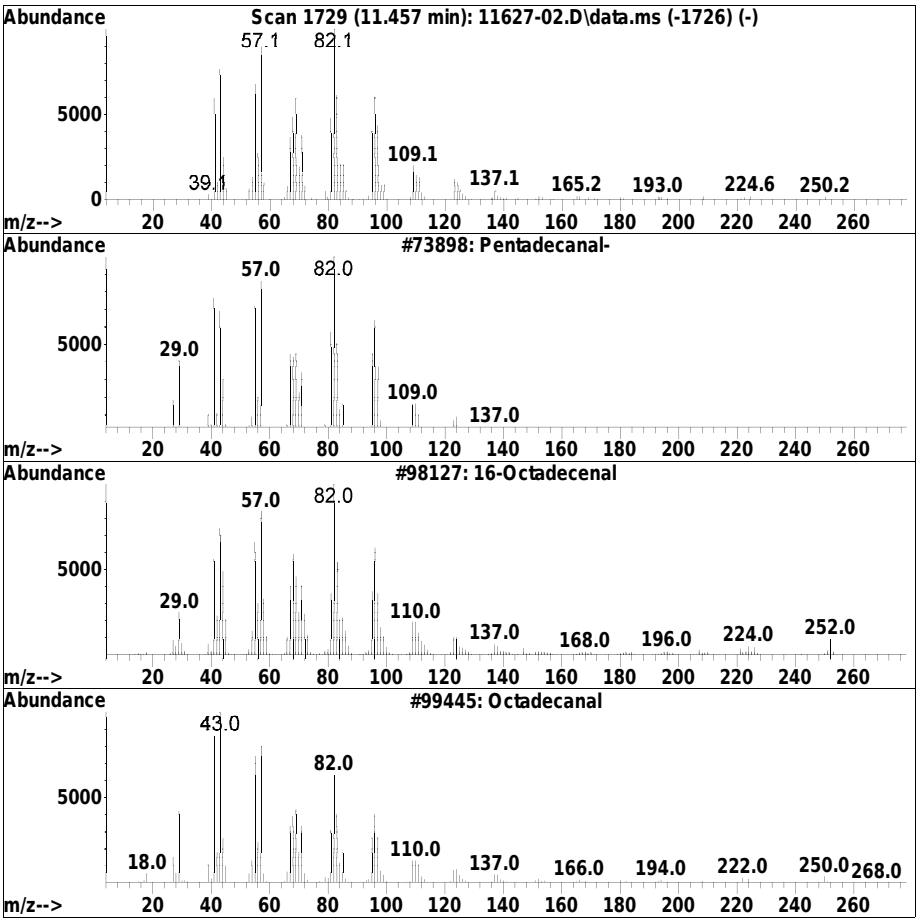
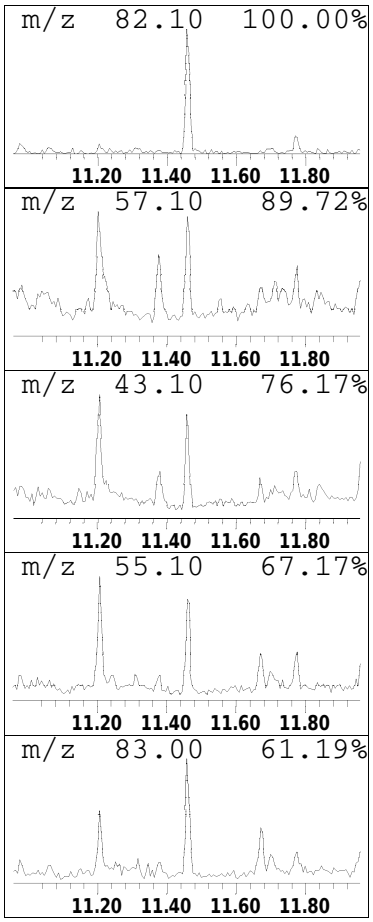
Peak Number 13 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.457	1.19 ug/ml	271365	IS3_Phenanthrene-d10	10.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanal-	226	C15H30O	002765-11-9	91
2	16-Octadecenal	266	C18H34O	056554-87-1	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	14-Octadecenal	266	C18H34O	056554-89-3	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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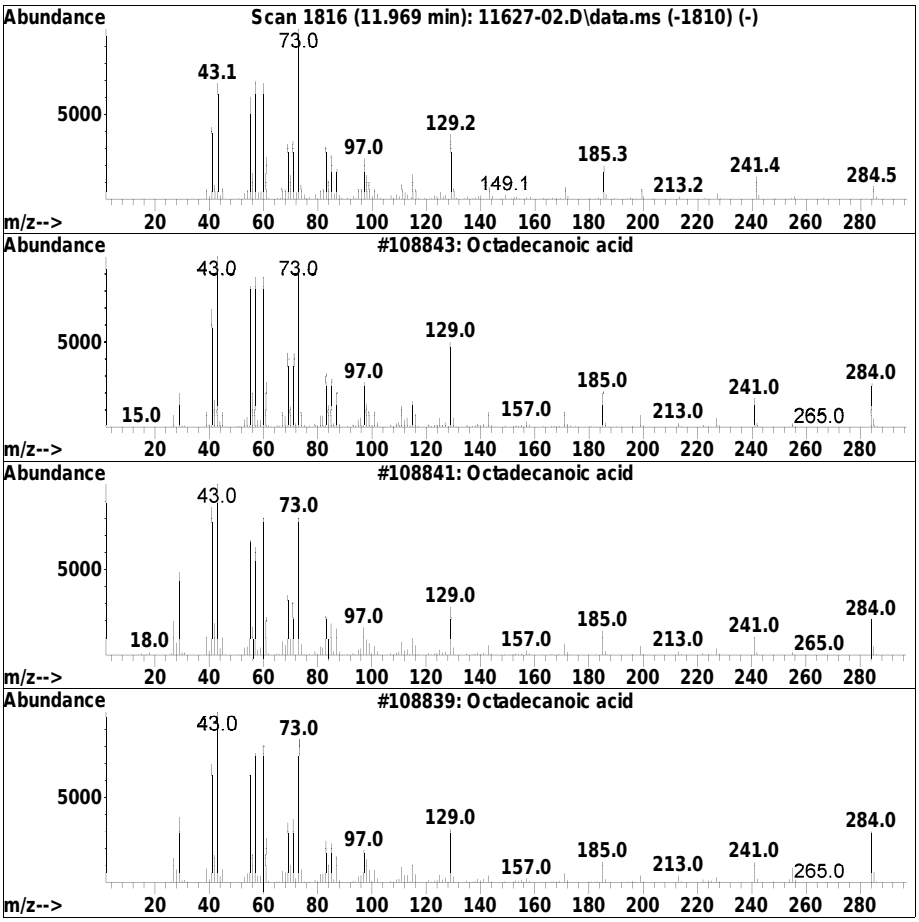
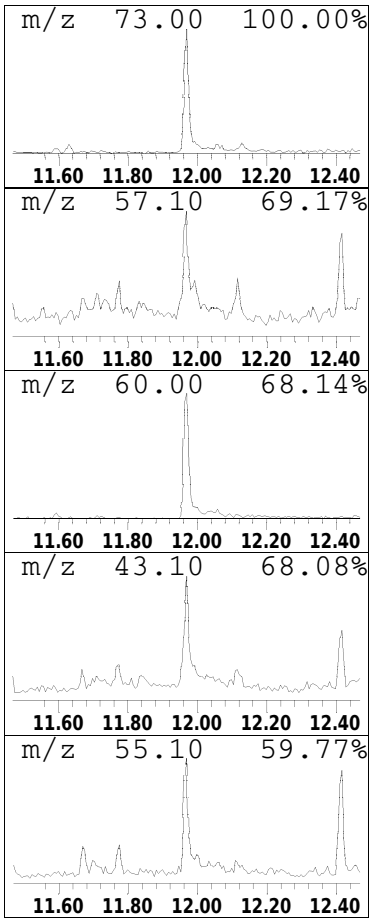
Peak Number 14 Unknown Organic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	2.88 ug/ml	587780	IS1_Chrysene-d12	13.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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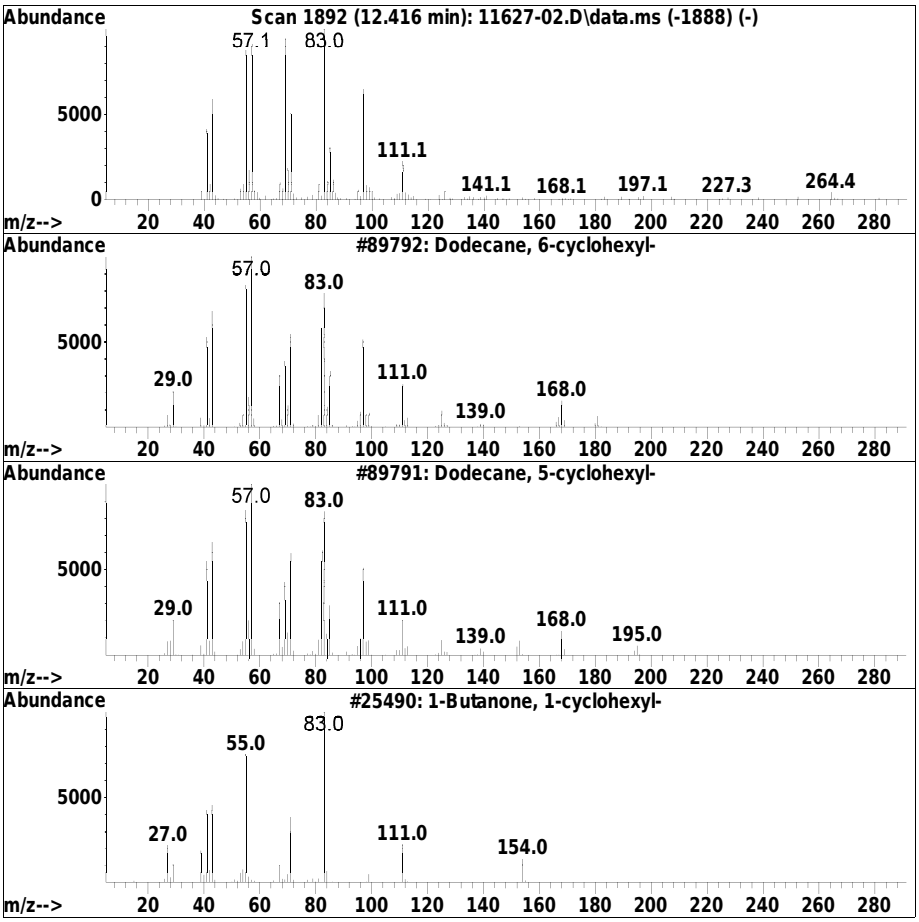
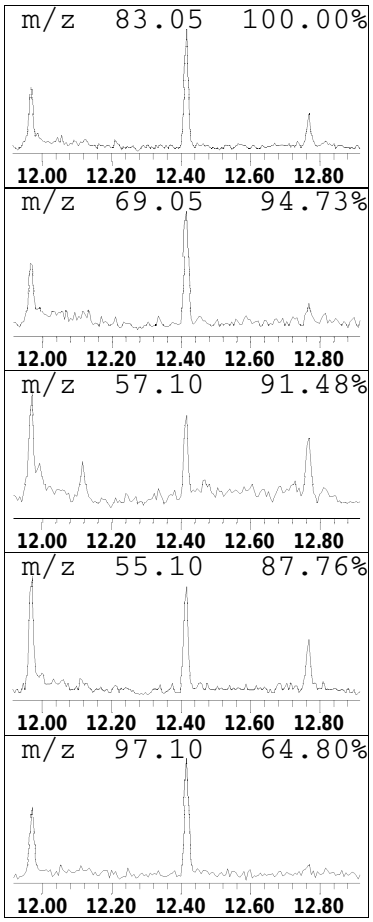
Peak Number 15 Unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	1.11 ug/ml	226539	IS1_Chrysene-d12	13.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	58
2	Dodecane, 5-cyclohexyl-	252	C18H36	013151-85-4	53
3	1-Butanone, 1-cyclohexyl-	154	C10H18O	001462-27-7	35
4	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	27
5	Cyclohexane carboxylic acid hydr...	142	C7H14N2O	038941-47-8	22





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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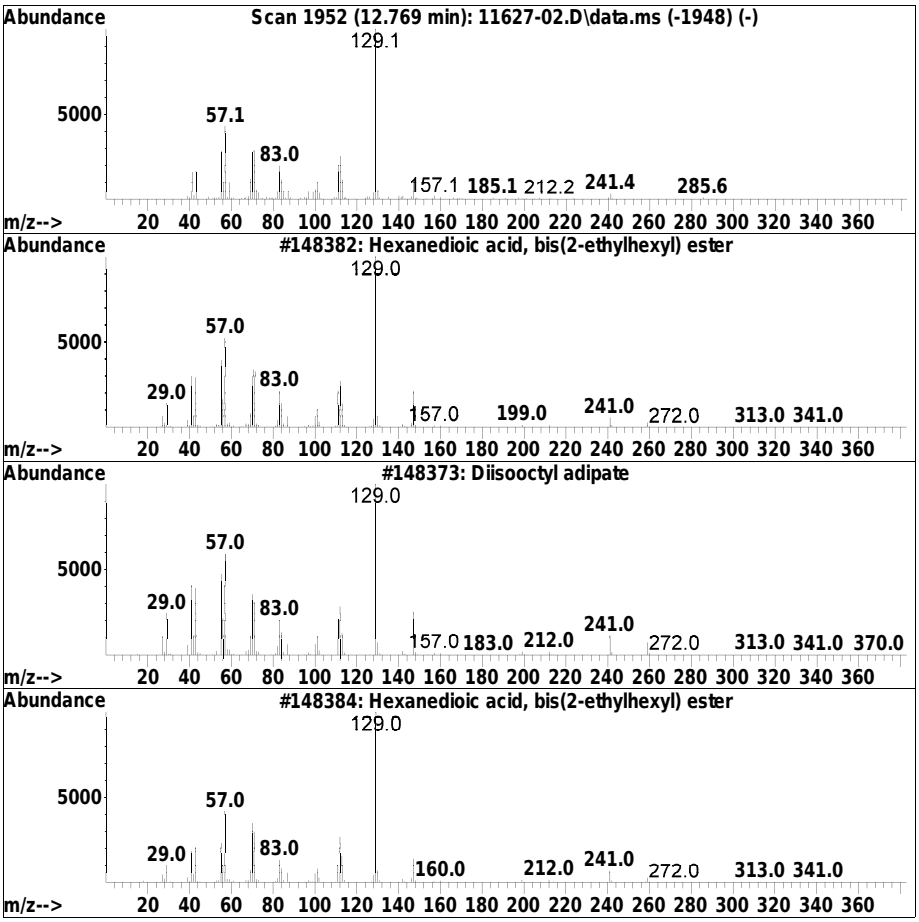
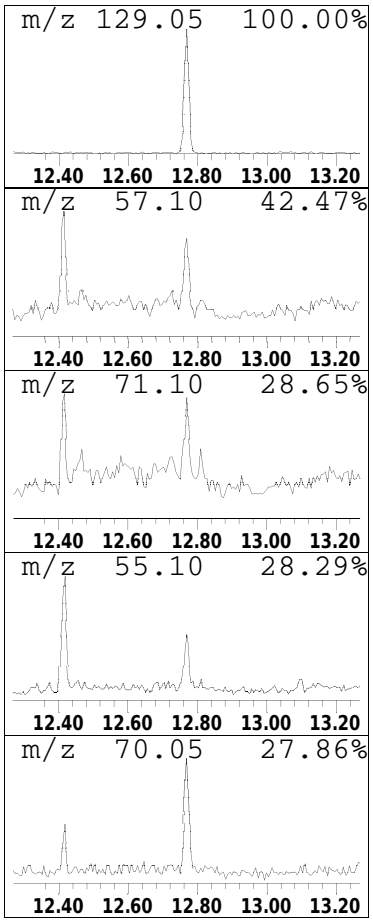
Peak Number 16 Unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.769	1.06 ug/ml	215736	IS1_Chrysene-d12	13.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Diisooctyl adipate	370	C22H42O4	001330-86-5	90
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	83
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	83
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	72





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-02.D
Acq On : 19 Mar 2020 5:38 am
Operator : SV107:sz
Sample : L2011627-02,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 19 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown Alkane	5.781	3.0	ug/ml	315346	1	5.869	420228	4.0
Unknown Alkane	6.351	0.8	ug/ml	85814	3	5.869	420228	4.0
Unknown Alkane	7.487	6.1	ug/ml	787881	5	7.363	516504	4.0
Unknown Benzene	7.798	5.3	ug/ml	679435	5	7.363	516504	4.0
Unknown Alkane	7.881	0.9	ug/ml	118812	5	7.363	516504	4.0
Unknown	8.116	1.0	ug/ml	131159	5	7.363	516504	4.0
Unknown	8.163	0.9	ug/ml	112699	5	7.363	516504	4.0
Unknown Alkane	8.669	4.1	ug/ml	789138	6	9.128	768320	4.0
Unknown Alkane	9.675	1.8	ug/ml	346656	8	9.128	768320	4.0
Unknown Alkane	10.134	1.0	ug/ml	223444	9	10.545	915367	4.0
Unknown Organic...	11.204	1.6	ug/ml	372858	11	10.545	915367	4.0
Unknown	11.457	1.2	ug/ml	271365	11	10.545	915367	4.0
Unknown Organic...	11.969	2.9	ug/ml	587780	12	13.110	815678	4.0
Unknown	12.416	1.1	ug/ml	226539	12	13.110	815678	4.0
Unknown	12.769	1.1	ug/ml	215736	12	13.110	815678	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-01.D
Acq On : 19 Mar 2020 6:58 am
Operator : SV107:sz
Sample : L2011627-01,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 19 14:05:41 2020
Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 07:59:06 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\2003181vi\ABN0318.D
: 2 - i:\8270\sv107\2003181vi\ADP0318.D
: 3 - i:\8270\sv107\2003181vi\AP90318.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.869	150	101895	4.000	ug/ml		0.00
Standard Area 1 = 134039			Recovery = 76.02%				
27) IS2_1,4-Dichlorobenzen...	5.869	150	101895	4.000	ug/ml		0.00
Standard Area 3 = 127329			Recovery = 80.02%				
34) IS1_Naphthalene-d8	7.363	136	260629	4.000	ug/ml		0.00
Standard Area 1 = 341279			Recovery = 76.37%				
54) IS2_Naphthalene-d8	7.363	136	260629	4.000	ug/ml		0.00
Standard Area 3 = 359333			Recovery = 72.53%				
62) IS1_Acenaphthene-d10	9.128	164	135039	4.000	ug/ml		0.00
Standard Area 1 = 183956			Recovery = 73.41%				
85) IS3_Acenaphthene-d10	9.128	164	135039	4.000	ug/ml		0.00
Standard Area 2 = 186322			Recovery = 72.48%				
87) IS1_Phenanthrene-d10	10.551	188	258913	4.000	ug/ml	#	0.00
Standard Area 1 = 331595			Recovery = 78.08%				
103) IS1_Chrysene-d12	13.110	240	228819	4.000	ug/ml	#	0.00
Standard Area 1 = 272339			Recovery = 84.02%				
112) IS1_Perylene-d12	14.527	264	234723	4.000	ug/ml		0.00
Standard Area 1 = 269850			Recovery = 86.98%				
System Monitoring Compounds							
4) 2-Fluorophenol	3.434	112	45096	2.221	ug/ml		0.01
Spiked Amount 5.000	Range 15 - 110		Recovery = 44.42%				
7) Phenol-d6	5.510	99	51717	1.944	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 38.88%				
19) Nitrobenzene-d5	6.581	82	30995	0.868	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 34.72%				
45) 2-Fluorobiphenyl	8.504	172	65242	0.949	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 37.96%				
78) 2,4,6-Tribromophenol	9.892	330	10775	2.529	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 50.58%				
95) 4-Terphenyl-d14	12.122	244	75906	1.188	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 47.52%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	d		

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-01.D
Acq On : 19 Mar 2020 6:58 am
Operator : SV107:sz
Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 19 14:05:41 2020
Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 07:59:06 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\2003181vi\ABN0318.D
: 2 - i:\8270\sv107\2003181vi\ADP0318.D
: 3 - i:\8270\sv107\2003181vi\AP90318.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.	d	
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.	d	
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.	d	
66) Dibenzofuran	0.000		0	N.D.	d	
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.	d	
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.	d	
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.	d	
89) Anthracene	0.000		0	N.D.	d	
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.	d	
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.	d	

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-01.D
Acq On : 19 Mar 2020 6:58 am
Operator : SV107:sz
Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 19 14:05:41 2020
Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 07:59:06 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\2003181vi\ABN0318.D
: 2 - i:\8270\sv107\2003181vi\ADP0318.D
: 3 - i:\8270\sv107\2003181vi\AP90318.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
106) Chrysene	0.000		0	N.D.	d	
107) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108) Di-n-octylphthalate	0.000		0	N.D.	d	
115) Benzo(ghi)perylene	0.000		0	N.D.		

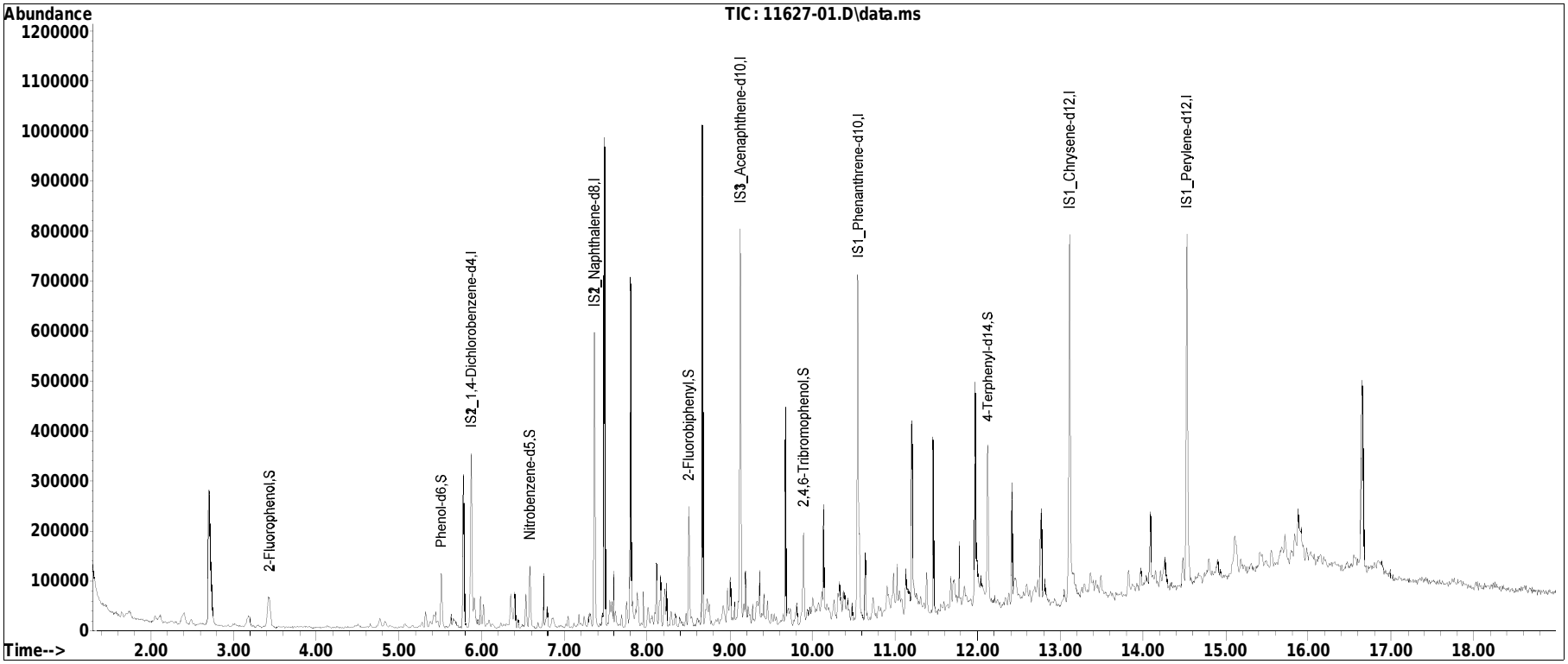
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\200318lvi\
Data File : 11627-01.D
Acq On : 19 Mar 2020 6:58 am
Operator : SV107:sz
Sample : L2011627-01,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 19 14:05:41 2020
Quant Method : i:\8270\sv107\200318lvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Mar 19 07:59:06 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional318.D•



Manual Integration Report

Data Path	: I:\8270\SV107\200318lvi\	QMethod	: FS190927SV107.m
Data File	: 11627-01.D	Operator	: SV107:sz
Date Inj'd	: 3/19/2020 6:58 am	Instrument	: SV 107
Sample	: L2011627-01,32,,nj-bnext-l	Quant Date	: 3/19/2020 7:59 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-01.D
Acq On : 19 Mar 2020 6:58 am
Operator : SV107:sz
Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 11627-01.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.405	180	190	198	rVV6	23531	70419	7.30%	0.403%
2	2.699	232	240	261	rVB	270733	556070	57.66%	3.180%
3	3.175	312	321	331	rBV5	21494	69516	7.21%	0.398%
4	3.422	356	363	378	rVB2	62280	157828	16.36%	0.902%
5	4.775	584	593	598	rBV6	17938	36255	3.76%	0.207%
6	5.328	683	687	692	rBV3	31166	40249	4.17%	0.230%
7	5.510	715	718	726	rVV	108909	136808	14.19%	0.782%
8	5.657	741	743	756	rVB3	16809	41399	4.29%	0.237%
9	5.781	759	764	772	rBV	306629	341479	35.41%	1.953%
10	5.869	772	779	783	rVV	348343	436040	45.21%	2.493%
11	5.904	783	785	791	rVV2	58974	86001	8.92%	0.492%
12	5.987	795	799	802	rVV2	61201	69614	7.22%	0.398%
13	6.022	802	805	809	rVV	44369	45475	4.72%	0.260%
14	6.351	857	861	866	rVV2	63928	95615	9.91%	0.547%
15	6.398	866	869	873	rVB2	70388	78109	8.10%	0.447%
16	6.540	890	893	897	rBV2	65555	59102	6.13%	0.338%
17	6.581	897	900	914	rVB2	124330	137560	14.26%	0.787%
18	6.745	921	928	931	rBV	107395	110339	11.44%	0.631%
19	6.792	932	936	942	rVB4	42066	51992	5.39%	0.297%
20	6.851	942	946	956	rVB5	19263	44198	4.58%	0.253%
21	7.310	1022	1024	1029	rVB3	26852	38622	4.00%	0.221%
22	7.363	1029	1033	1041	rVB	589452	519580	53.87%	2.971%
23	7.487	1041	1054	1058	rBV	980632	866887	89.88%	4.957%
24	7.545	1058	1064	1066	rBV2	51221	59782	6.20%	0.342%
25	7.592	1070	1072	1075	rVV	108364	91833	9.52%	0.525%
26	7.745	1093	1098	1102	rBV	50902	59608	6.18%	0.341%
27	7.798	1102	1107	1115	rBV	691773	741289	76.86%	4.239%
28	7.881	1115	1121	1127	rVB4	67202	123501	12.81%	0.706%

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-01.D
Acq On : 19 Mar 2020 6:58 am
Operator : SV107:sz
Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.963	1132	1135	1138	rVB	72012	61671	6.39%	0.353%
30	8.016	1138	1144	1148	rBV3	41244	61250	6.35%	0.350%
31	8.110	1155	1160	1164	rBV2	122870	143981	14.93%	0.823%
32	8.163	1164	1169	1173	rVB2	101099	130599	13.54%	0.747%
33	8.216	1173	1178	1179	rBV	74121	81855	8.49%	0.468%
34	8.234	1179	1181	1185	rVB	85807	70294	7.29%	0.402%
35	8.292	1185	1191	1196	rBV2	28825	38757	4.02%	0.222%
36	8.504	1224	1227	1237	rVB	238367	231702	24.02%	1.325%
37	8.669	1250	1255	1259	rBV	1000165	803965	83.36%	4.597%
38	8.734	1259	1266	1268	rBV2	50944	91137	9.45%	0.521%
39	8.922	1290	1298	1303	rVV6	38865	88304	9.16%	0.505%
40	8.969	1303	1306	1309	rVV	72840	88397	9.17%	0.505%
41	9.004	1309	1312	1316	rVV3	94423	133530	13.85%	0.764%
42	9.063	1319	1322	1325	rVV	44118	53051	5.50%	0.303%
43	9.128	1325	1333	1337	rVV	790119	765393	79.36%	4.377%
44	9.186	1337	1343	1347	rVV	104523	144074	14.94%	0.824%
45	9.222	1347	1349	1355	rVB5	35164	48885	5.07%	0.280%
46	9.275	1355	1358	1362	rBV3	38366	40145	4.16%	0.230%
47	9.328	1362	1367	1369	rVV6	42044	69434	7.20%	0.397%
48	9.357	1369	1372	1376	rVV	103409	112063	11.62%	0.641%
49	9.410	1378	1381	1385	rVV	54376	56281	5.84%	0.322%
50	9.457	1385	1389	1394	rVB	45878	50475	5.23%	0.289%
51	9.675	1422	1426	1429	rBV	429236	334144	34.65%	1.911%
52	9.810	1441	1449	1454	rBV3	44301	92066	9.55%	0.526%
53	9.892	1454	1463	1467	rVV3	184350	214004	22.19%	1.224%
54	9.939	1467	1471	1473	rVV4	28892	46231	4.79%	0.264%
55	9.969	1473	1476	1478	rVV3	33533	42207	4.38%	0.241%
56	10.004	1478	1482	1487	rVV3	50320	101163	10.49%	0.578%
57	10.069	1490	1493	1496	rVV5	38207	65157	6.76%	0.373%
58	10.133	1496	1504	1510	rVV	232853	311123	32.26%	1.779%
59	10.175	1510	1511	1520	rVB5	31767	63622	6.60%	0.364%
60	10.263	1520	1526	1531	rBV4	39188	61906	6.42%	0.354%

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-01.D
Acq On : 19 Mar 2020 6:58 am
Operator : SV107:sz
Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	10.328	1531	1537	1542	rBV5	73858	162058	16.80%	0.927%
62	10.369	1542	1544	1550	rVV3	52360	100004	10.37%	0.572%
63	10.428	1550	1554	1560	rVB5	44338	84331	8.74%	0.482%
64	10.545	1569	1574	1587	rVB2	691635	868446	90.05%	4.966%
65	10.639	1587	1590	1597	rVB	135075	127058	13.17%	0.727%
66	10.733	1601	1606	1614	rBV2	44336	82892	8.59%	0.474%
67	10.798	1614	1617	1620	rBV5	24644	36993	3.84%	0.212%
68	10.904	1625	1635	1642	rBV5	60660	152383	15.80%	0.871%
69	10.980	1642	1648	1652	rBV4	70084	98022	10.16%	0.561%
70	11.028	1652	1656	1659	rBV2	77306	72064	7.47%	0.412%
71	11.057	1659	1661	1669	rVB5	46946	91471	9.48%	0.523%
72	11.127	1669	1673	1678	rBV6	90003	152426	15.80%	0.872%
73	11.204	1682	1686	1693	rBV	360972	371016	38.47%	2.122%
74	11.375	1712	1715	1723	rVB2	81467	86928	9.01%	0.497%
75	11.457	1726	1729	1736	rBV	351969	328462	34.06%	1.878%
76	11.669	1762	1765	1768	rBV	62761	58907	6.11%	0.337%
77	11.710	1768	1772	1778	rVV7	53878	112638	11.68%	0.644%
78	11.775	1780	1783	1789	rVB2	126037	124694	12.93%	0.713%
79	11.839	1790	1794	1801	rVV5	33215	57918	6.01%	0.331%
80	11.969	1810	1816	1825	rBV	448655	564335	58.51%	3.227%
81	12.116	1837	1841	1848	rVB	313967	357902	37.11%	2.047%
82	12.416	1888	1892	1895	rBV	243268	226447	23.48%	1.295%
83	12.463	1895	1900	1910	rVB6	41304	116193	12.05%	0.664%
84	12.692	1932	1939	1941	rBV7	33088	72626	7.53%	0.415%
85	12.727	1942	1945	1948	rVV3	47277	66594	6.90%	0.381%
86	12.769	1948	1952	1956	rVV	190344	227106	23.55%	1.299%
87	12.810	1956	1959	1971	rVB6	51093	88409	9.17%	0.506%
88	13.110	2004	2010	2026	rBV	735486	964441	100.00%	5.515%
89	13.369	2051	2054	2062	rVB7	37512	79508	8.24%	0.455%
90	13.492	2072	2075	2083	rVB8	36992	48397	5.02%	0.277%
91	13.827	2127	2132	2136	rBV5	52097	86784	9.00%	0.496%

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-01.D
Acq On : 19 Mar 2020 6:58 am
Operator : SV107:sz
Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

92	13.974	2154	2157	2162	rBV5	38283	49730	5.16%	0.284%
93	14.086	2173	2176	2181	rBV	142253	162220	16.82%	0.928%
94	14.210	2194	2197	2199	rBV4	34344	35281	3.66%	0.202%
95	14.486	2239	2244	2247	rBV4	59944	81532	8.45%	0.466%
96	14.527	2247	2251	2259	rVV	696436	803695	83.33%	4.596%
97	15.110	2347	2350	2358	rVB6	72931	158602	16.44%	0.907%
98	15.551	2422	2425	2429	rBV6	32592	51213	5.31%	0.293%
99	15.827	2469	2472	2476	rBV6	46275	76238	7.90%	0.436%
100	15.868	2476	2479	2485	rVV7	74648	140064	14.52%	0.801%

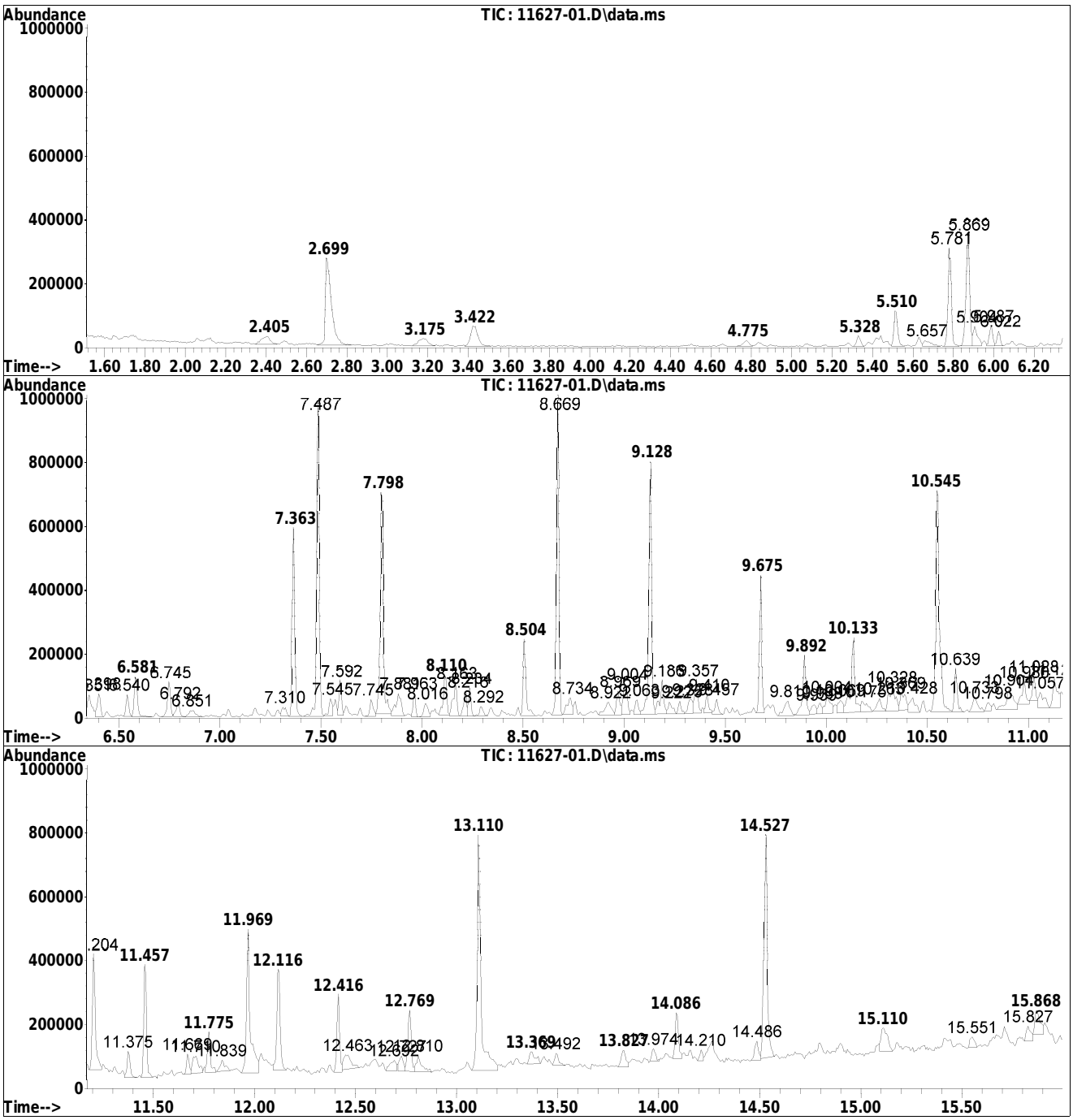
Sum of corrected areas: 17488064

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV107\200318lvi\
Data File : 11627-01.D
Acq On : 19 Mar 2020 6:58 am
Operator : SV107:sz
Sample : L2011627-01,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200318lvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-01.D
Acq On : 19 Mar 2020 6:58 am
Operator : SV107:sz
Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

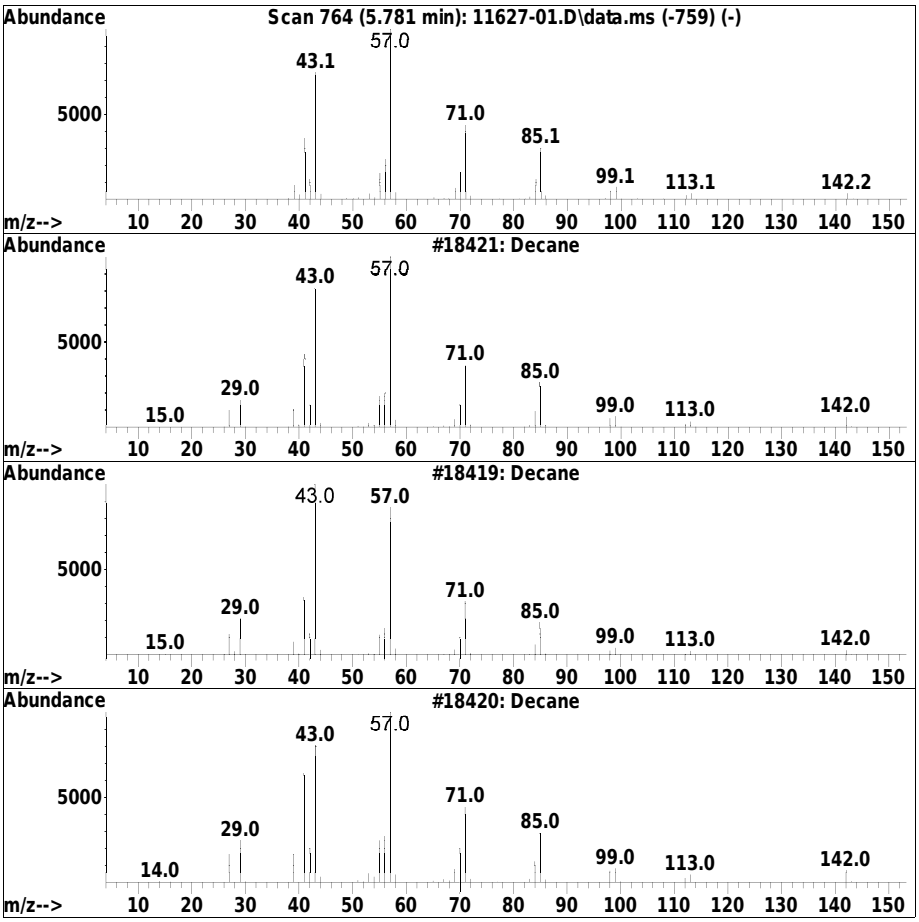
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

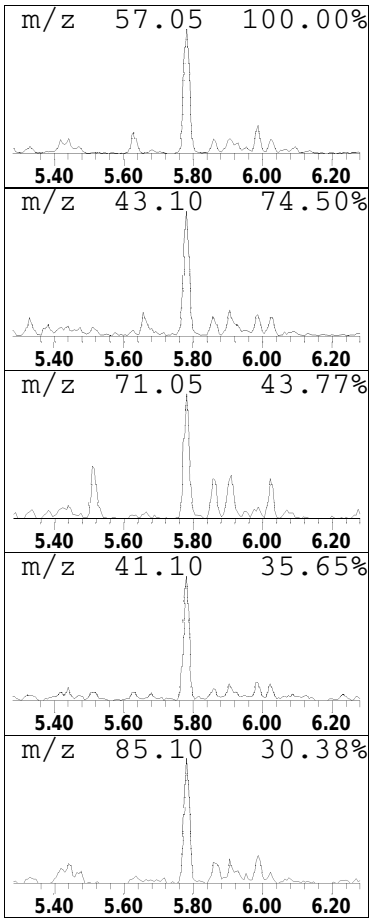
****

Peak Number 2 Unknown Alkane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.781	3.13 ug/ml	341479	IS2_1,4-Dichlorobenzene-d4	5.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Decane	142	C10H22	000124-18-5	87
3	Decane	142	C10H22	000124-18-5	80
4	Tetradecane	198	C14H30	000629-59-4	78
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	78





Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-01.D
Acq On : 19 Mar 2020 6:58 am
Operator : SV107:sz
Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

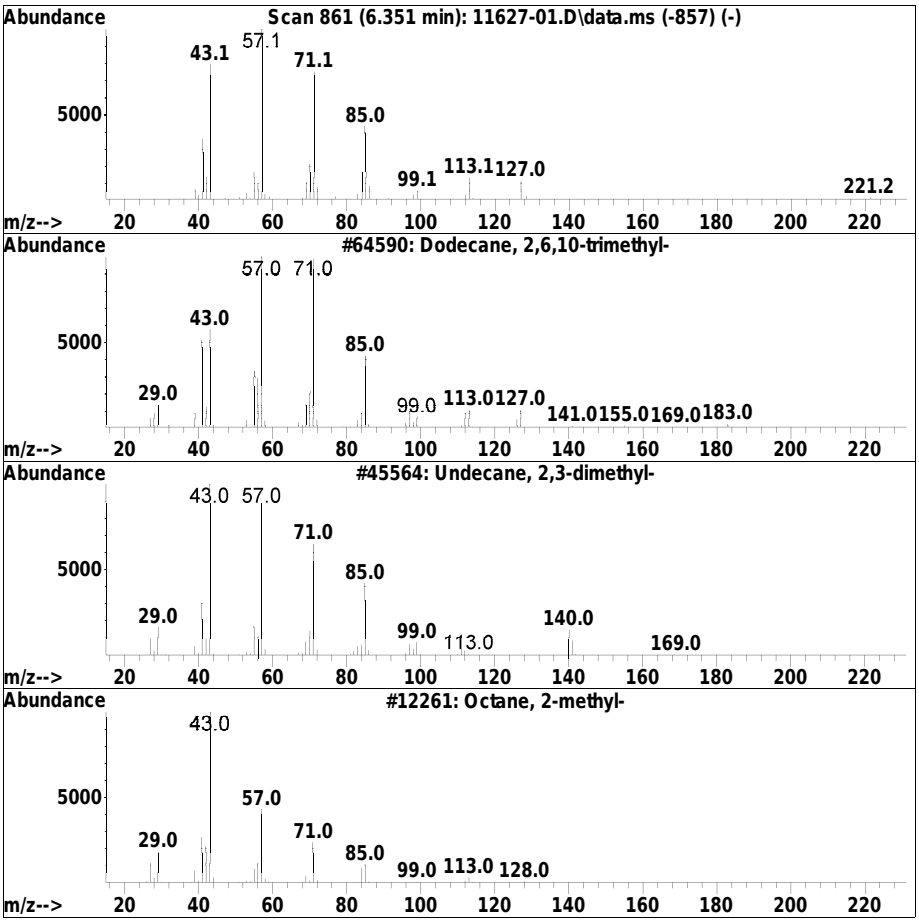
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

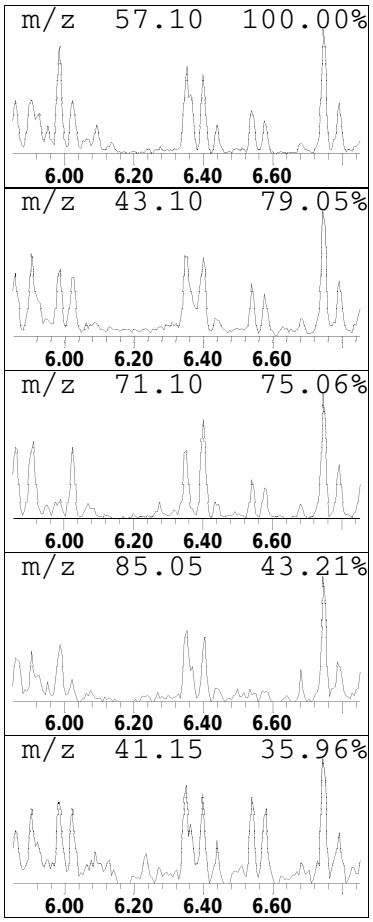
****

Peak Number 3 Unknown Alkane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.351	0.88 ug/ml	95615	IS3_1,4-Dichlorobenzene-d4	5.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
3	Octane, 2-methyl-	128	C9H20	003221-61-2	64
4	Nonane, 1-iodo-	254	C9H19I	004282-42-2	53
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	52





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Operator : SV107:sz
Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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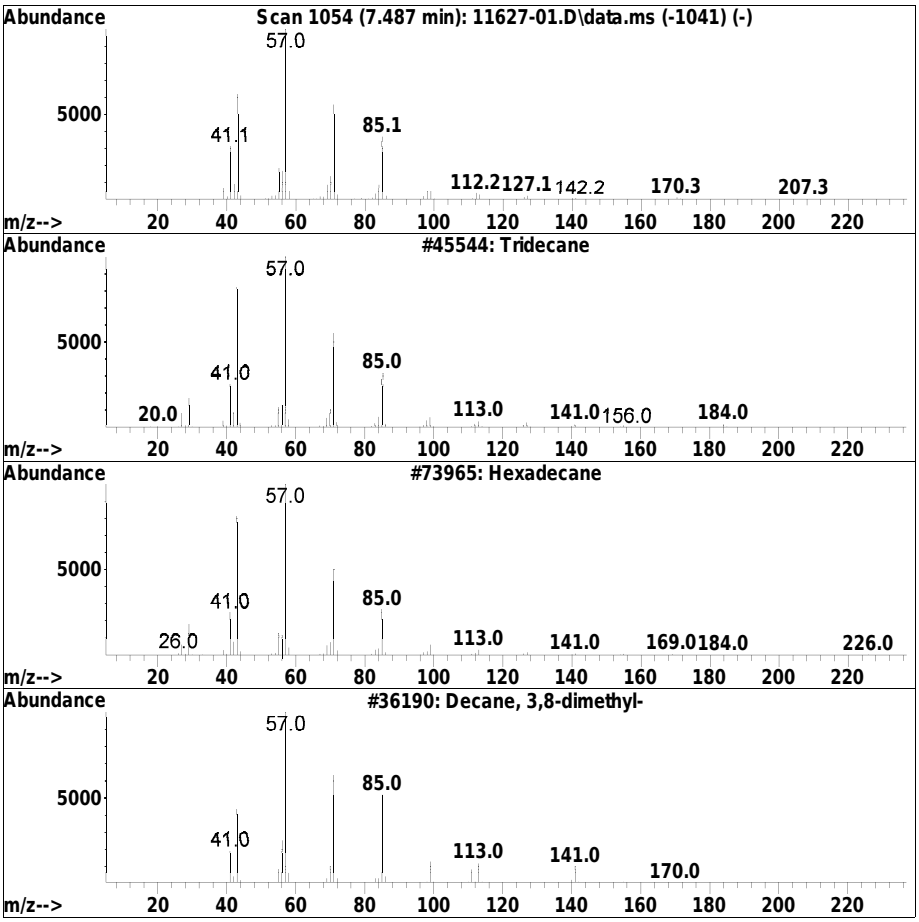
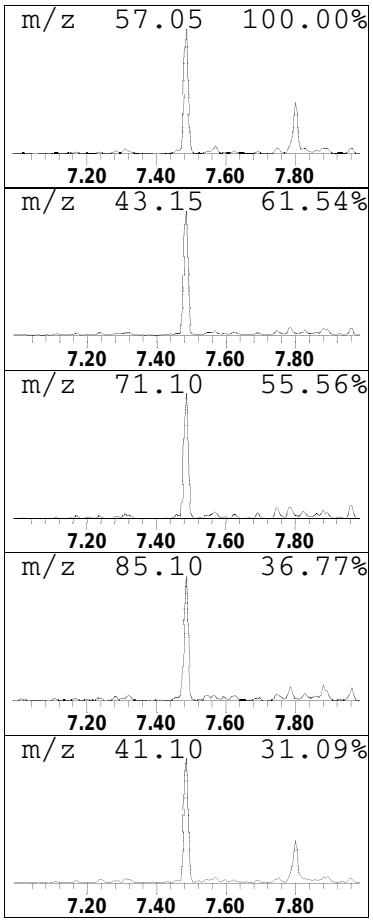
Peak Number 4 Unknown Alkane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.487	6.67 ug/ml	866887	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Hexadecane	226	C16H34	000544-76-3	80
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
4	Heptadecane	240	C17H36	000629-78-7	78
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	72





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Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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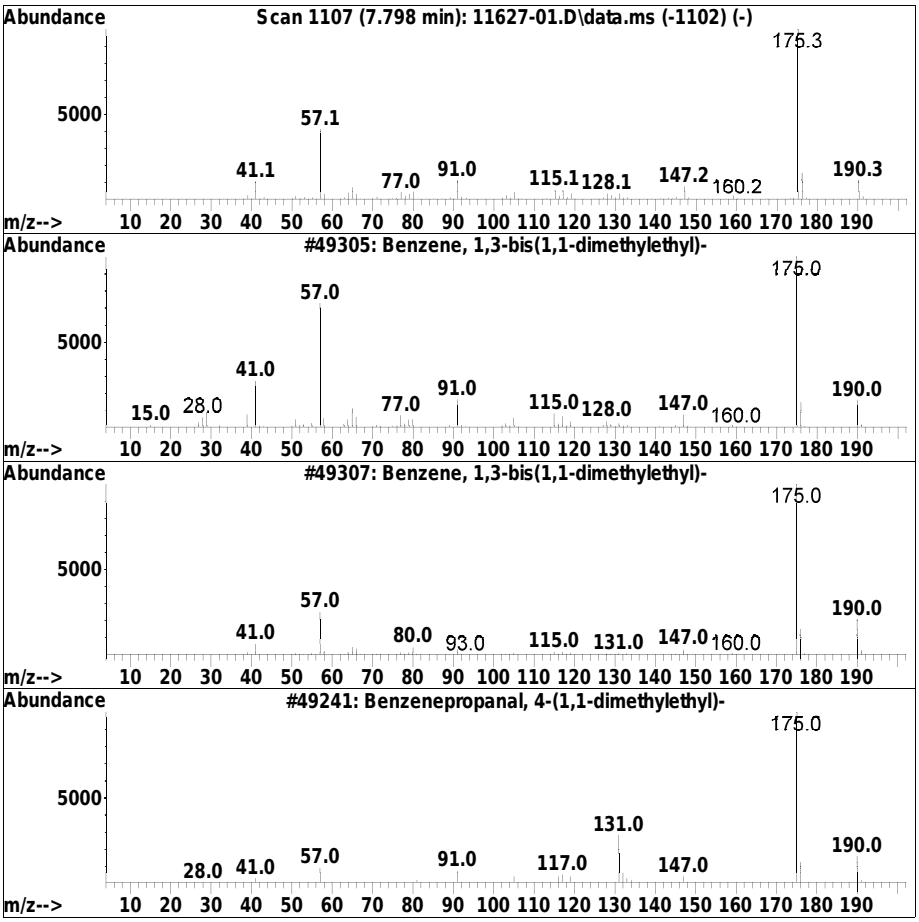
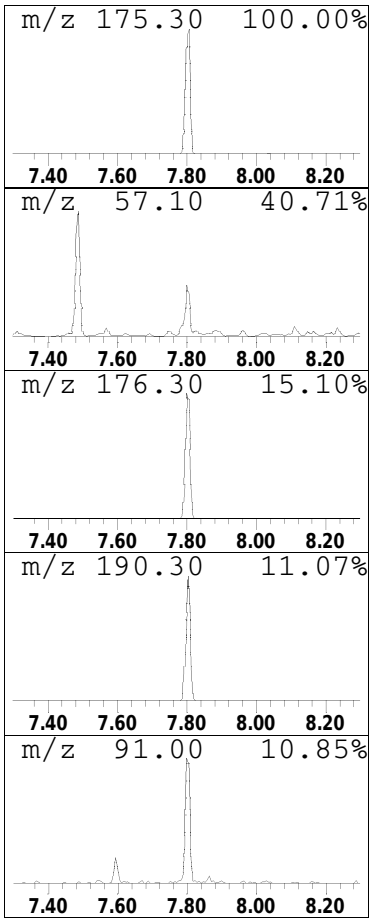
Peak Number 5 Unknown Benzene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.798	5.71 ug/ml	741289	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	96
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
3	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72
5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64





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Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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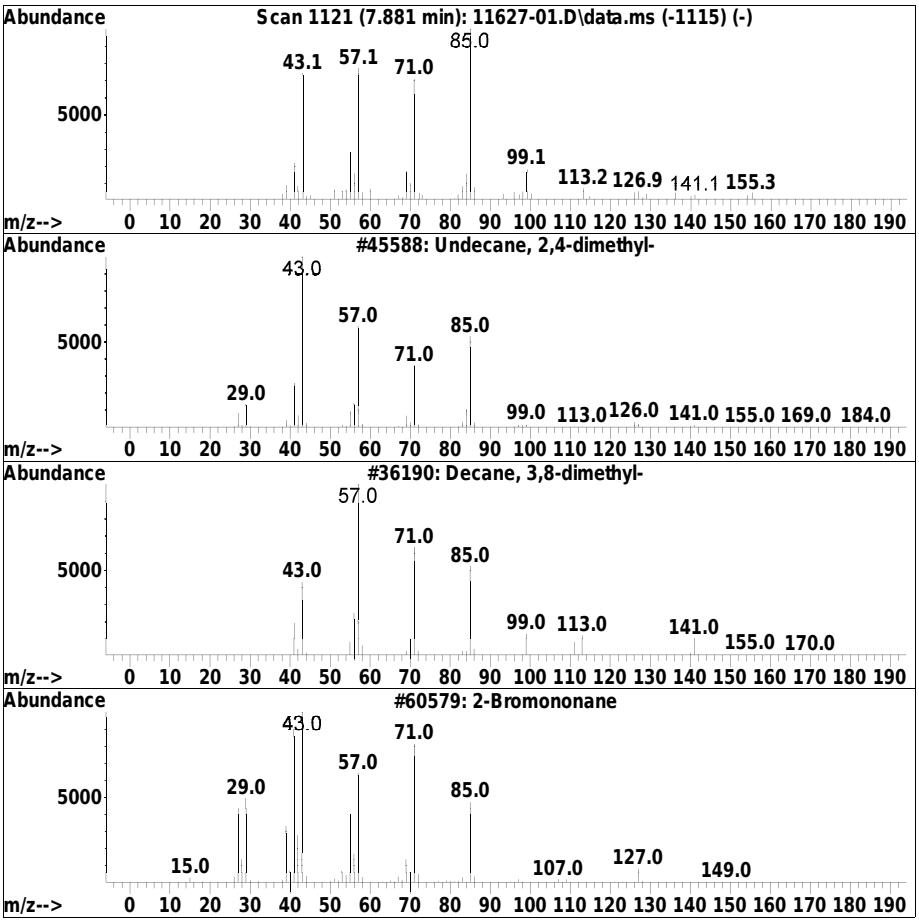
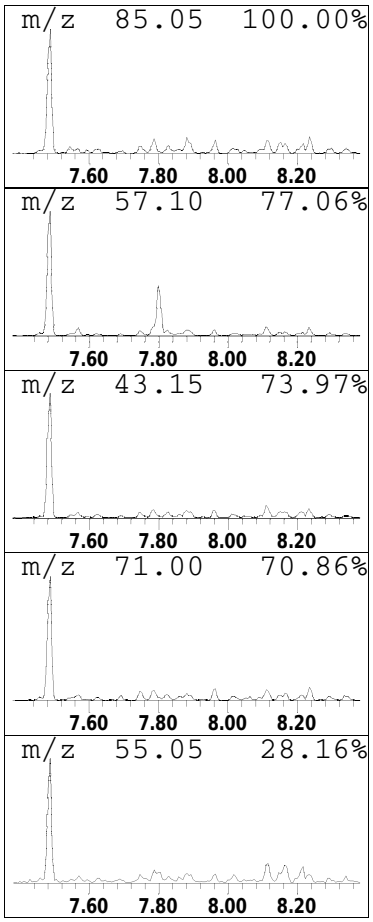
Peak Number 6 Unknown Alkane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.881	0.95 ug/ml	123501	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	80
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
3	2-Bromononane	206	C9H19Br	002216-35-5	43
4	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	43
5	Heneicosane	296	C21H44	000629-94-7	43





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Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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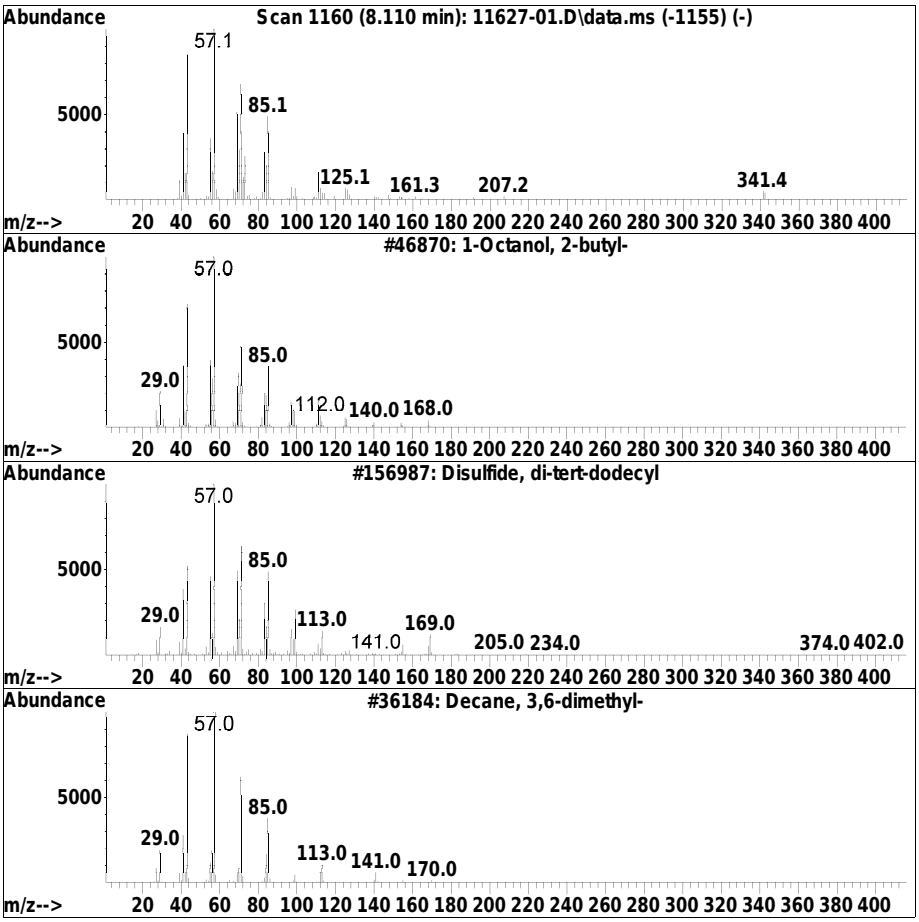
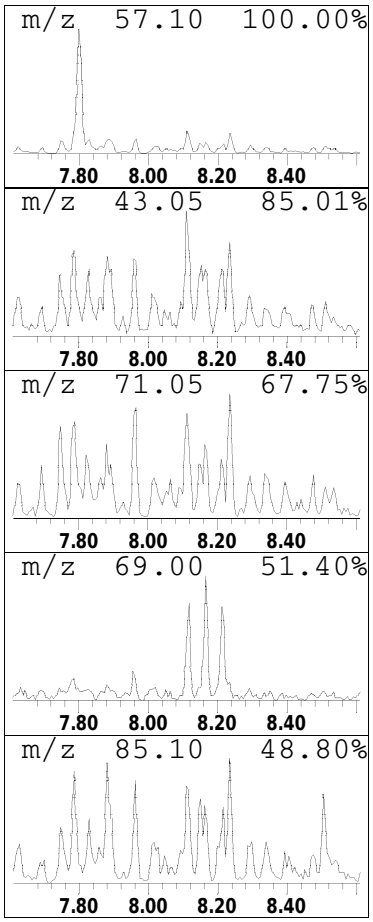
Peak Number 7 Unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.110	1.11 ug/ml	143981	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
2	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	59
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	43
4	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	43
5	Decane, 4-ethyl-	170	C12H26	001636-44-8	43





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Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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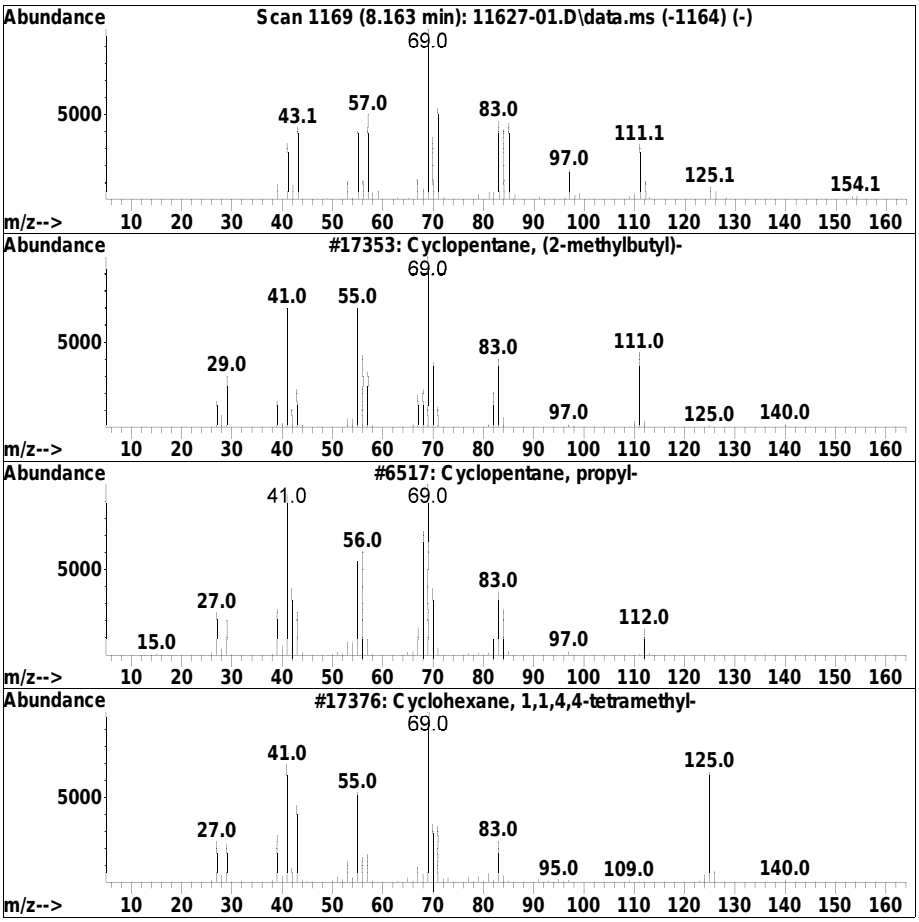
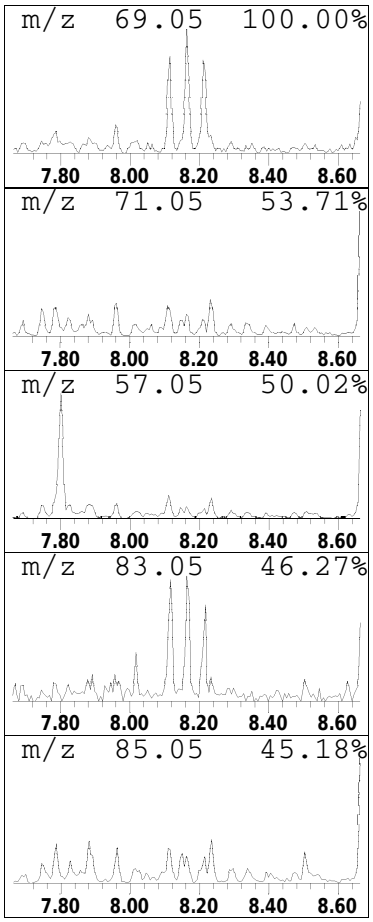
Peak Number 8 Unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.163	1.01 ug/ml	130599	IS2_Naphthalene-d8	7.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	37
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	35
3	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	35
4	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	35
5	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	35





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Operator : SV107:sz
Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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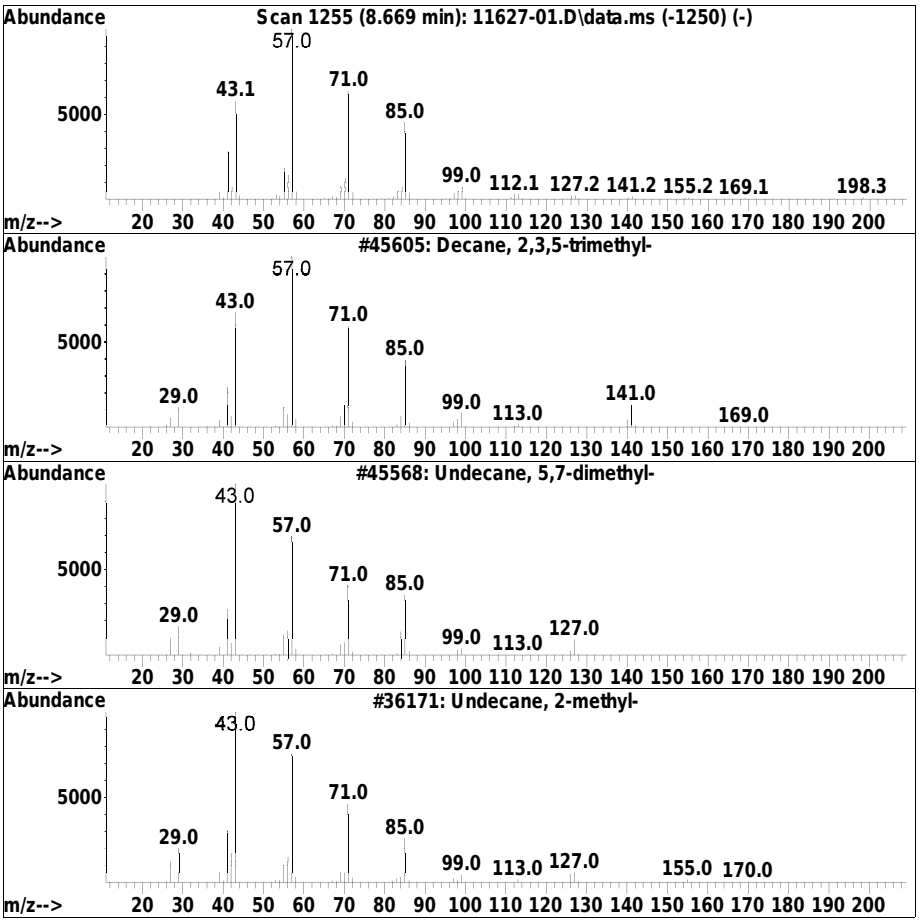
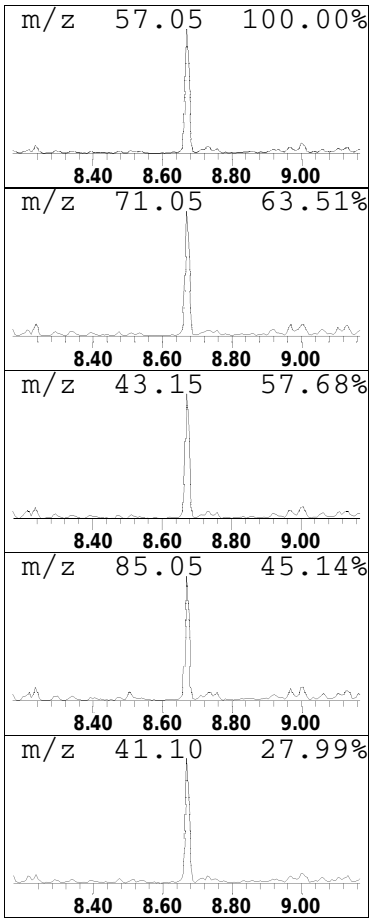
Peak Number 9 Unknown Alkane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.669	4.20 ug/ml	803965	IS1_Acenaphthene-d10	9.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	72
5	Heptadecane	240	C17H36	000629-78-7	72





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Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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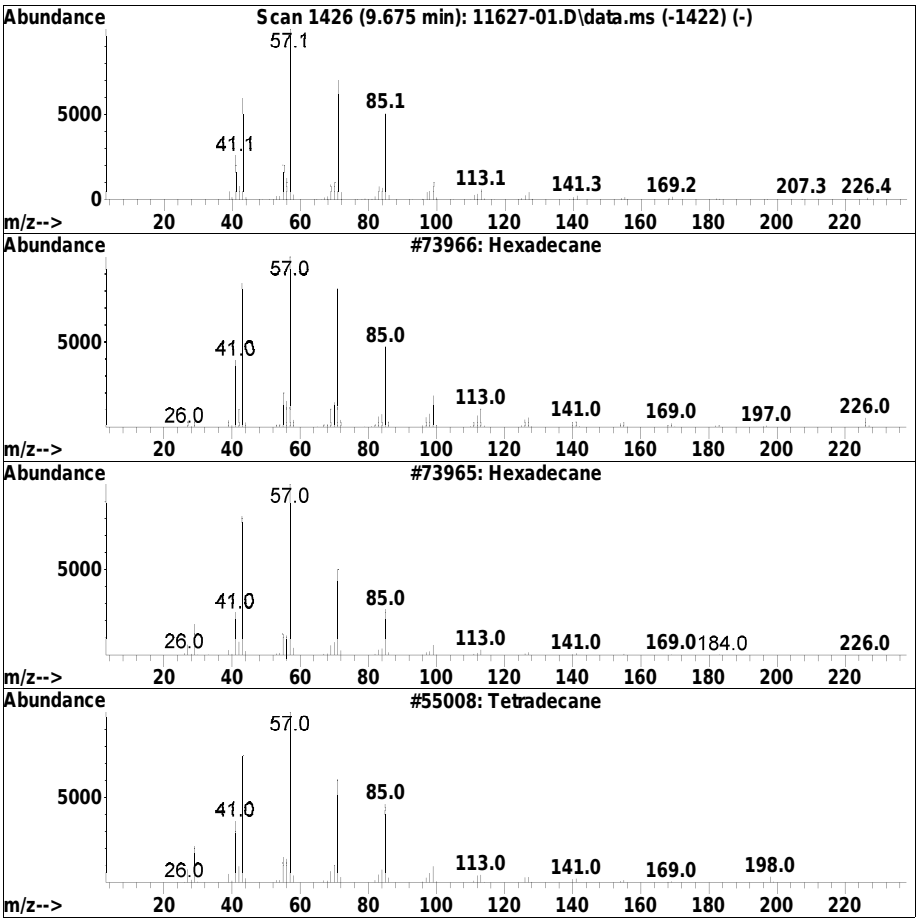
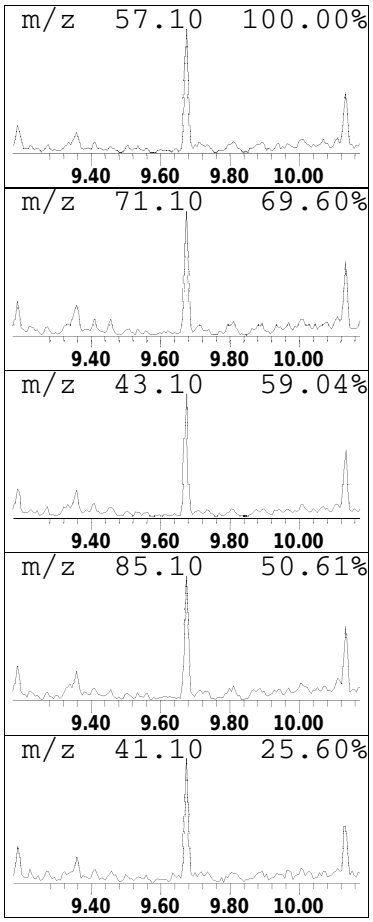
Peak Number 10 Unknown Alkane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.675	1.75 ug/ml	334144	IS3_Acenaphthene-d10	9.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexadecane	226	C16H34	000544-76-3	94
3	Tetradecane	198	C14H30	000629-59-4	86
4	Eicosane	282	C20H42	000112-95-8	80
5	Hexadecane	226	C16H34	000544-76-3	74





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Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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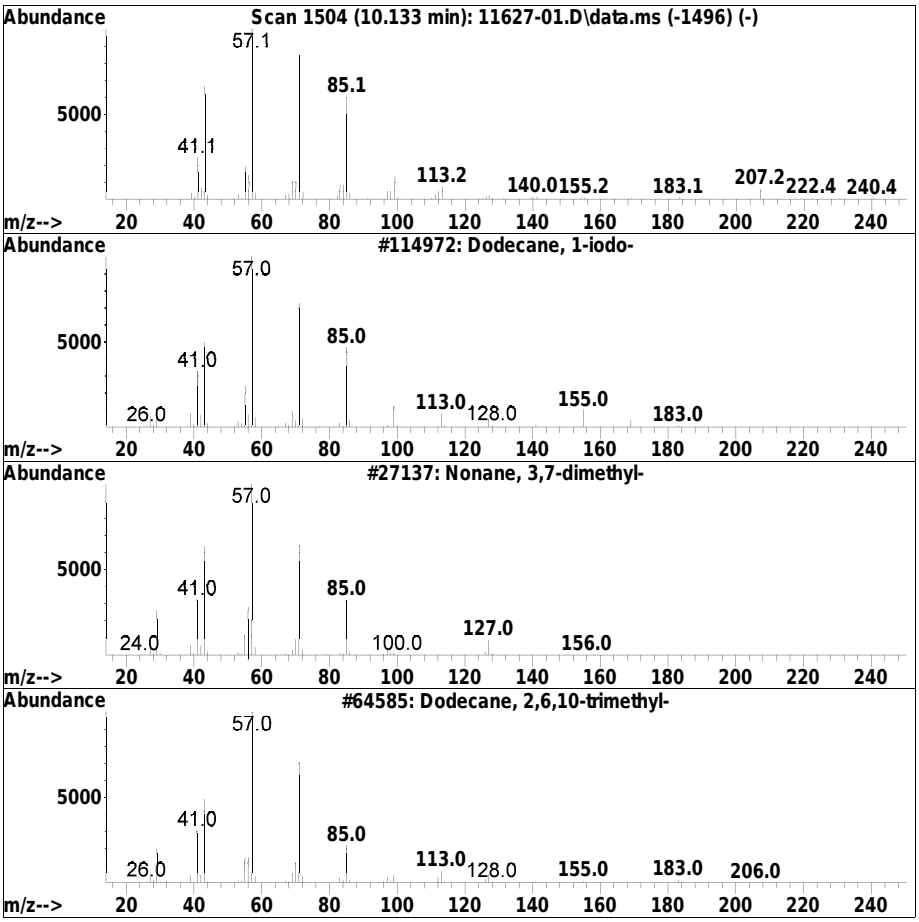
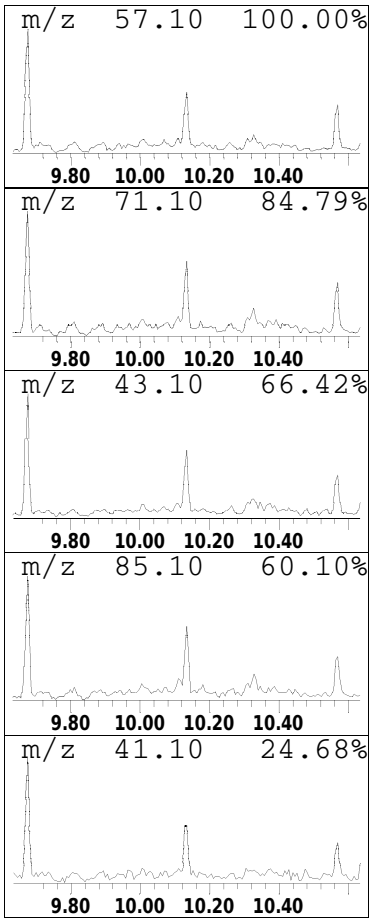
Peak Number 11 Unknown Alkane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.133	1.43 ug/ml	311123	IS1_Phenanthrene-d10	10.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59





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Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

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Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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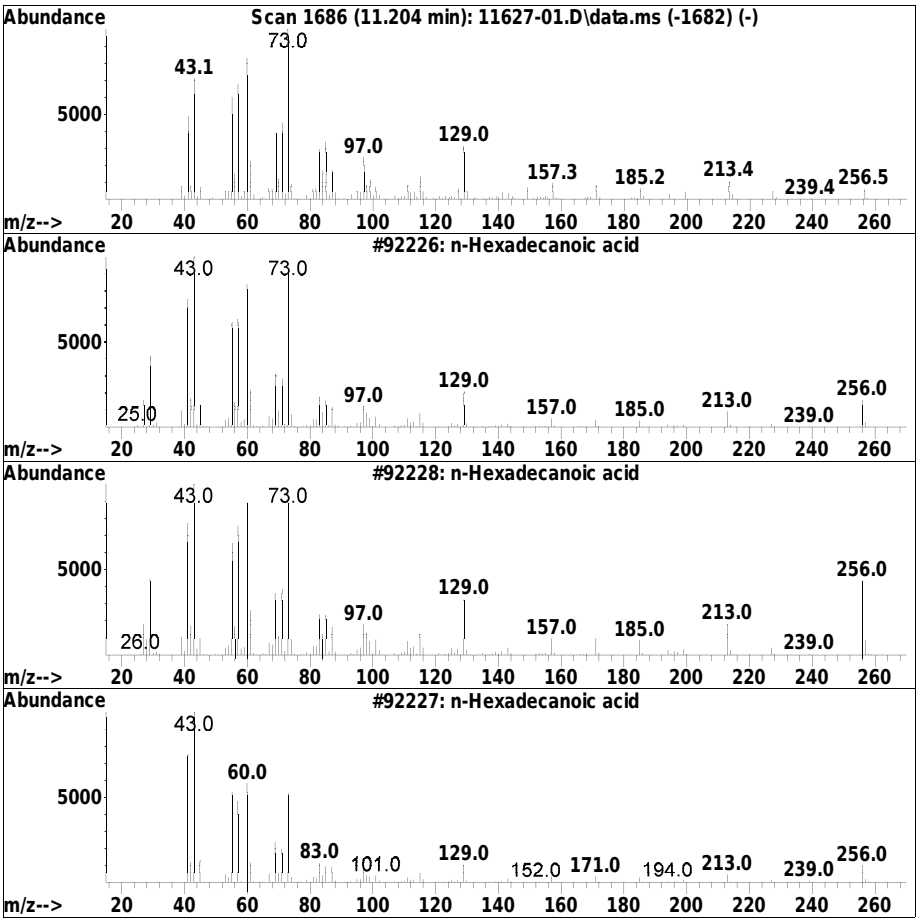
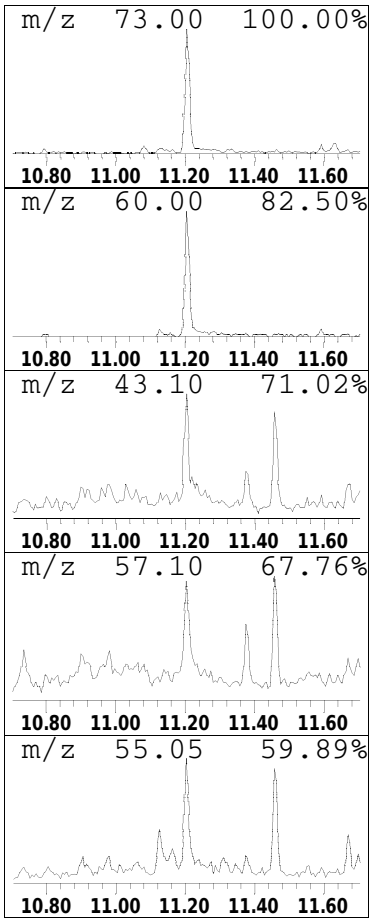
Peak Number 12 Unknown Organic Acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	1.71 ug/ml	371016	IS3_Phenanthrene-d10	10.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Nonadecane	268	C19H40	000629-92-5	18
5	Tritetracontane	605	C43H88	007098-21-7	18





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Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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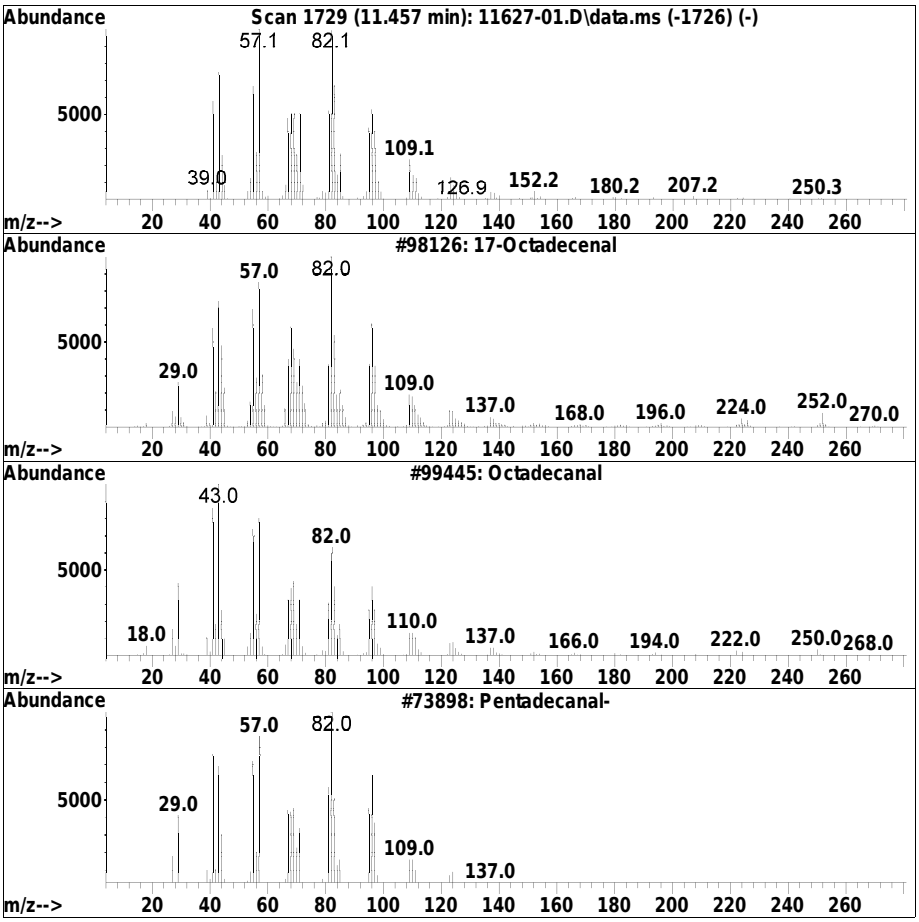
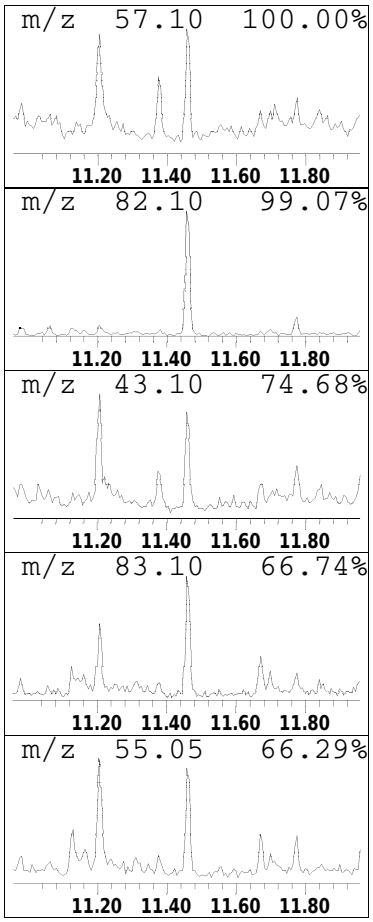
Peak Number 13 Unknown Aldehyde Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.457	1.51 ug/ml	328462	IS3_Phenanthrene-d10	10.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Octadecenal	266	C18H34O	056554-86-0	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Pentadecanal-	226	C15H30O	002765-11-9	87
4	Tetradecanal	212	C14H28O	000124-25-4	87
5	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	72





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Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

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Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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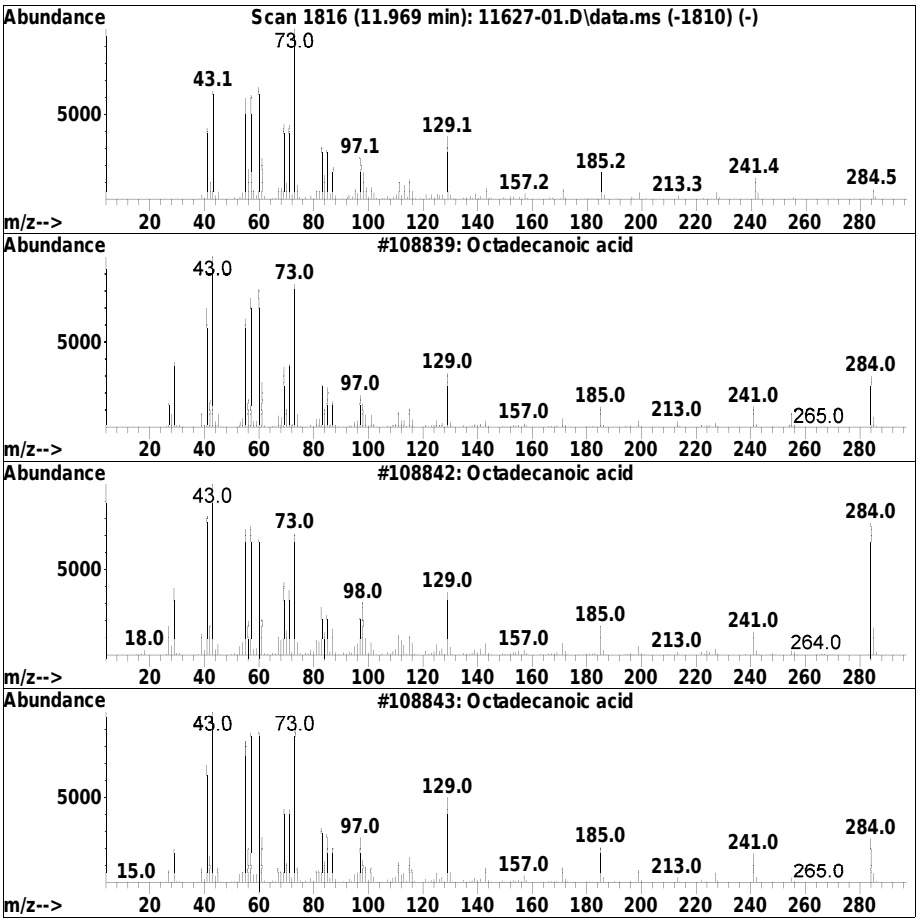
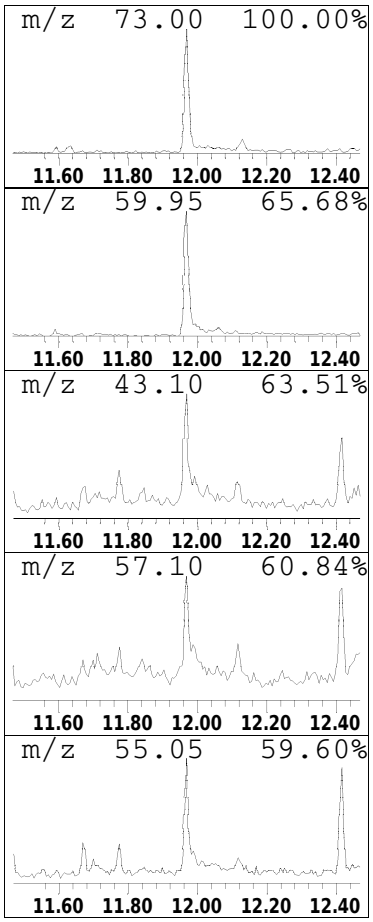
Peak Number 14 Unknown Organic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	2.34 ug/ml	564335	IS1_Chrysene-d12	13.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	76
4	Octadecanoic acid	284	C18H36O2	000057-11-4	68
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	59





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Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

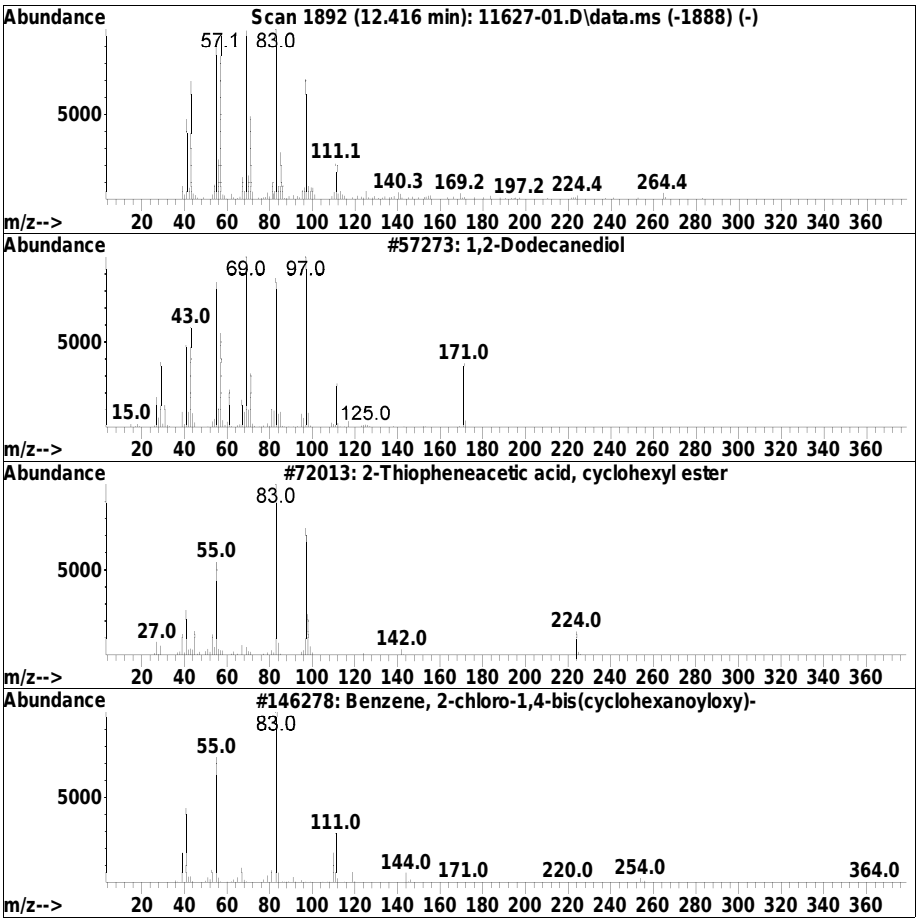
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

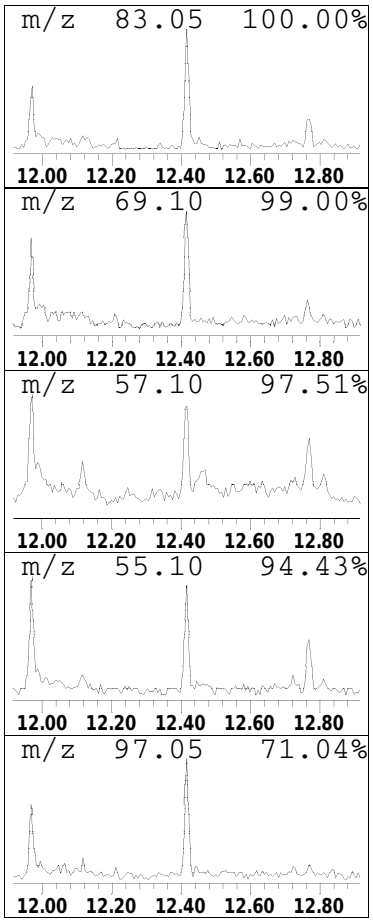
****

Peak Number 15 Unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	0.94 ug/ml	226447	IS1_Chrysene-d12	13.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dodecanediol	202	C12H26O2	001119-87-5	64
2	2-Thiopheneacetic acid, cyclohex...	224	C12H16O2S	1000278-95-9	27
3	Benzene, 2-chloro-1,4-bis(cycloh...	364	C20H25ClO4	294874-04-7	22
4	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	18
5	Eicosane	282	C20H42	000112-95-8	18





Data Path : I:\8270\SV107\200318lvi\
Data File : 11627-01.D
Acq On : 19 Mar 2020 6:58 am
Operator : SV107:sz
Sample : L2011627-01,32,,nj-bnext-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

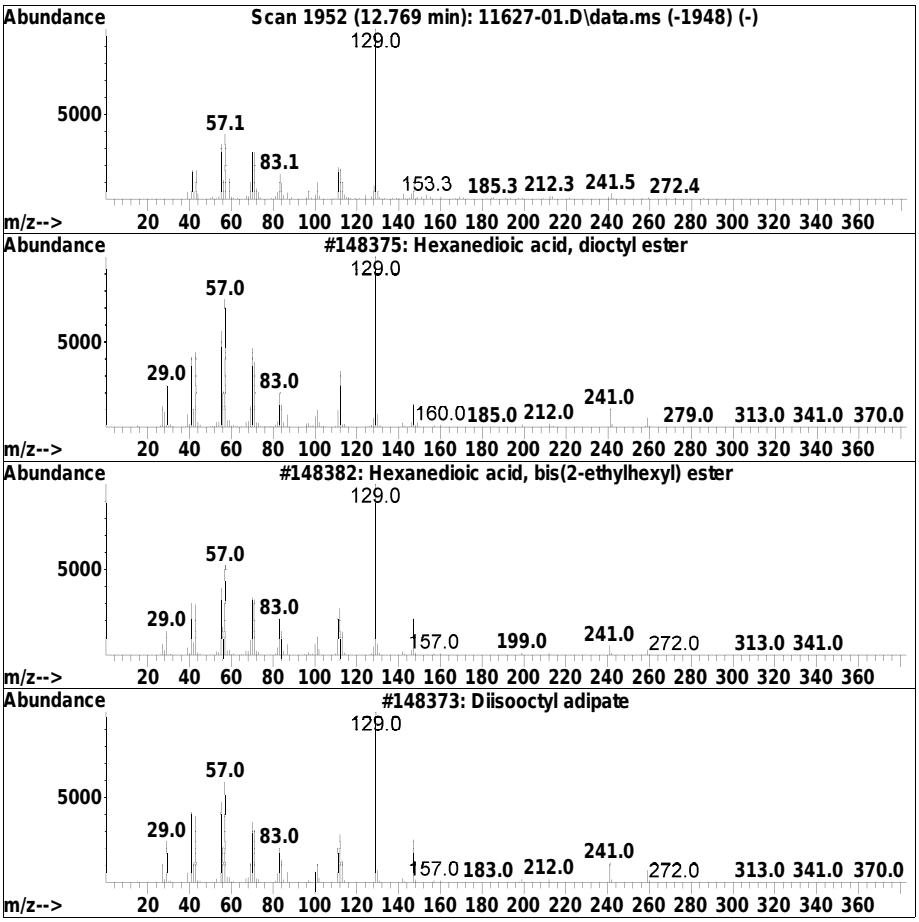
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

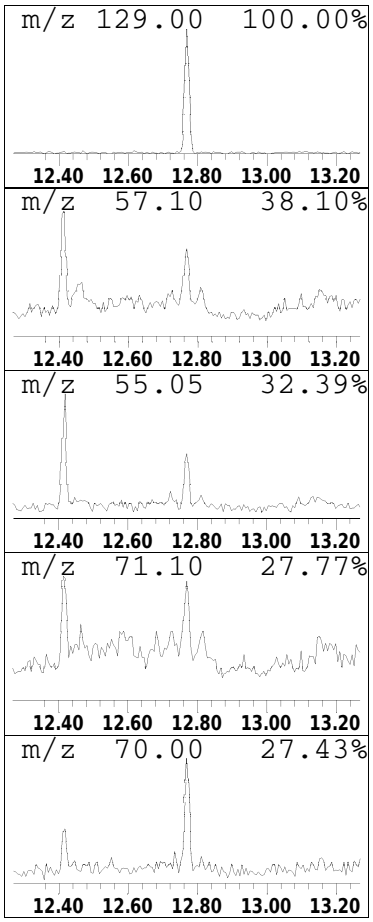
****

Peak Number 16 Unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.769	0.94 ug/ml	227106	IS1_Chrysene-d12	13.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	58
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	47
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	47
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	47
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	45





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\2003181vi\
Data File : 11627-01.D
Acq On : 19 Mar 2020 6:58 am
Operator : SV107:sz
Sample : L2011627-01,32,,nj-bnext-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 22 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown Alkane	5.781	3.1	ug/ml	341479	1	5.869	436040	4.0
Unknown Alkane	6.351	0.9	ug/ml	95615	3	5.869	436040	4.0
Unknown Alkane	7.487	6.7	ug/ml	866887	5	7.363	519580	4.0
Unknown Benzene	7.798	5.7	ug/ml	741289	5	7.363	519580	4.0
Unknown Alkane	7.881	1.0	ug/ml	123501	5	7.363	519580	4.0
Unknown	8.110	1.1	ug/ml	143981	5	7.363	519580	4.0
Unknown	8.163	1.0	ug/ml	130599	5	7.363	519580	4.0
Unknown Alkane	8.669	4.2	ug/ml	803965	6	9.128	765393	4.0
Unknown Alkane	9.675	1.7	ug/ml	334144	8	9.128	765393	4.0
Unknown Alkane	10.133	1.4	ug/ml	311123	9	10.551	868446	4.0
Unknown Organic...	11.204	1.7	ug/ml	371016	11	10.551	868446	4.0
Unknown Aldehyde	11.457	1.5	ug/ml	328462	11	10.551	868446	4.0
Unknown Organic...	11.969	2.3	ug/ml	564335	12	13.110	964441	4.0
Unknown	12.416	0.9	ug/ml	226447	12	13.110	964441	4.0
Unknown	12.769	0.9	ug/ml	227106	12	13.110	964441	4.0

Method Blank
Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\2003181vi\
Data File : 352237-1.D
Acq On : 18 Mar 2020 9:37 pm
Operator : SV107:sz
Sample : WG1352237-1,32,,nj-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 19 13:48:35 2020
Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 18 22:06:17 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\2003181vi\ABN0318.D
: 2 - i:\8270\sv107\2003181vi\ADP0318.D
: 3 - i:\8270\sv107\2003181vi\AP90318.D
Sub List : 8270TCL_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.869	150	96229	4.000	ug/ml		0.00
Standard Area 1 = 134039			Recovery = 71.79%				
27) IS2_1,4-Dichlorobenzen...	5.869	150	96229	4.000	ug/ml		0.00
Standard Area 3 = 127329			Recovery = 75.58%				
34) IS1_Naphthalene-d8	7.363	136	252877	4.000	ug/ml		0.00
Standard Area 1 = 341279			Recovery = 74.10%				
54) IS2_Naphthalene-d8	7.363	136	252877	4.000	ug/ml		0.00
Standard Area 3 = 359333			Recovery = 70.37%				
62) IS1_Acenaphthene-d10	9.127	164	137532	4.000	ug/ml		0.00
Standard Area 1 = 183956			Recovery = 74.76%				
82) IS2_Acenaphthene-d10	9.127	164	137532	4.000	ug/ml		0.00
Standard Area 3 = 184014			Recovery = 74.74%				
85) IS3_Acenaphthene-d10	9.127	164	137532	4.000	ug/ml		0.00
Standard Area 2 = 186322			Recovery = 73.81%				
87) IS1_Phenanthrene-d10	10.545	188	263285	4.000	ug/ml	#	0.00
Standard Area 1 = 331595			Recovery = 79.40%				
99) IS3_Phenanthrene-d10	10.545	188	263285	4.000	ug/ml	#	0.00
Standard Area 2 = 337117			Recovery = 78.10%				
103) IS1_Chrysene-d12	13.110	240	223371	4.000	ug/ml	#	0.00
Standard Area 1 = 272339			Recovery = 82.02%				
112) IS1_Perylene-d12	14.527	264	224450	4.000	ug/ml		0.00
Standard Area 1 = 269850			Recovery = 83.18%				
System Monitoring Compounds							
4) 2-Fluorophenol	3.422	112	66252	3.456	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 69.12%				
7) Phenol-d6	5.510	99	74156	2.951	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 59.02%				
19) Nitrobenzene-d5	6.581	82	44328	1.314	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 52.56%				
45) 2-Fluorobiphenyl	8.504	172	92212	1.382	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 55.28%				
78) 2,4,6-Tribromophenol	9.892	330	14636	3.372	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 67.44%				
95) 4-Terphenyl-d14	12.116	244	95905	1.475	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 59.00%				

Data Path : I:\8270\SV107\2003181vi\
Data File : 352237-1.D
Acq On : 18 Mar 2020 9:37 pm
Operator : SV107:sz
Sample : WG1352237-1,32,,nj-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 19 13:48:35 2020
Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 18 22:06:17 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\2003181vi\ABN0318.D
: 2 - i:\8270\sv107\2003181vi\ADP0318.D
: 3 - i:\8270\sv107\2003181vi\AP90318.D
Sub List : 8270TCL_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.		
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		d
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		d
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.		d

Data Path : I:\8270\SV107\2003181vi\
Data File : 352237-1.D
Acq On : 18 Mar 2020 9:37 pm
Operator : SV107:sz
Sample : WG1352237-1,32,,nj-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 19 13:48:35 2020
Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 18 22:06:17 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\2003181vi\ABN0318.D
: 2 - i:\8270\sv107\2003181vi\ADP0318.D
: 3 - i:\8270\sv107\2003181vi\AP90318.D
Sub List : 8270TCL_REV1 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92)	Fluoranthene	0.000		0	N.D.		
94)	Pyrene	0.000		0	N.D.		
96)	Butyl benzyl phthalate	0.000		0	N.D.		
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
106)	Chrysene	0.000		0	N.D.	d	
107)	Bis(2-ethylhexyl)phtha...	13.262	149	18267	0.585	ug/ml#	84
108)	Di-n-octylphthalate	0.000		0	N.D.	d	
115)	Benzo(ghi)perylene	0.000		0	N.D.		

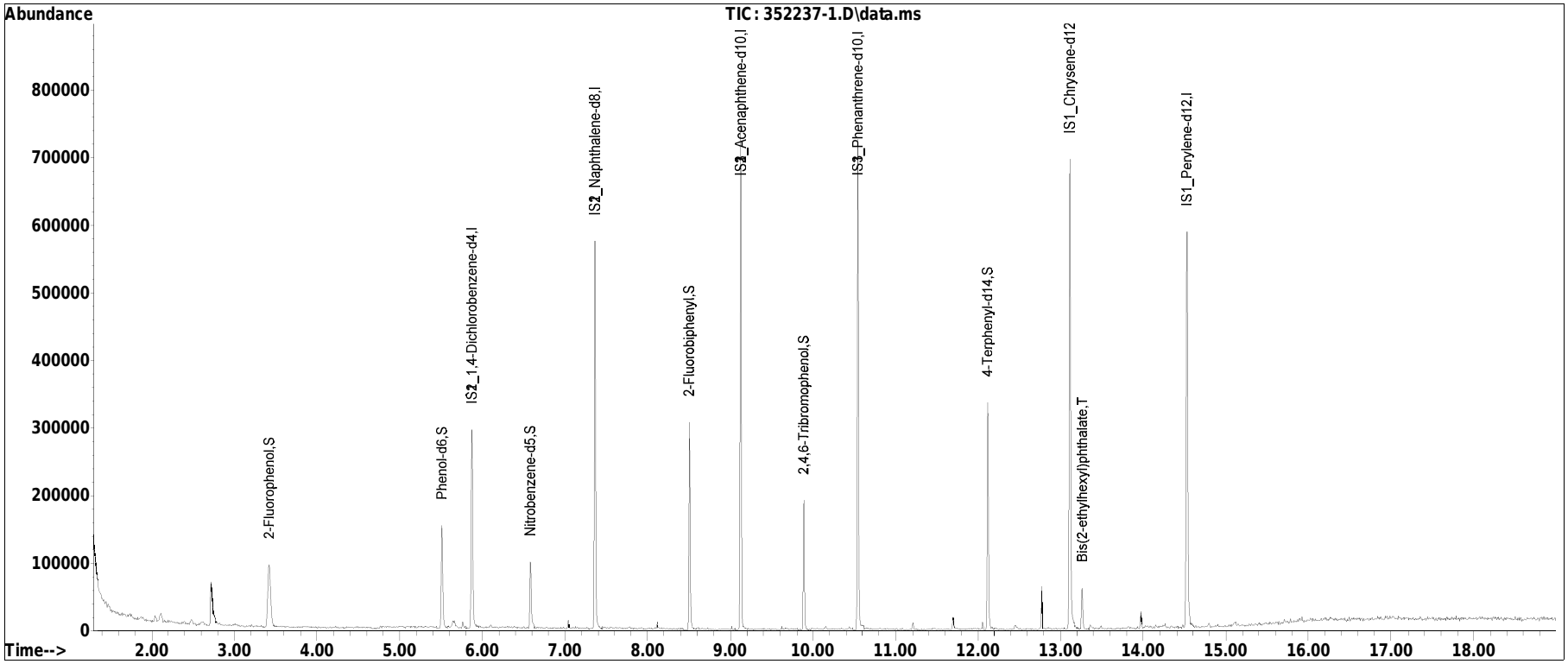
(#) = qualifier out of range (m) = manual integration (+) = signals summed

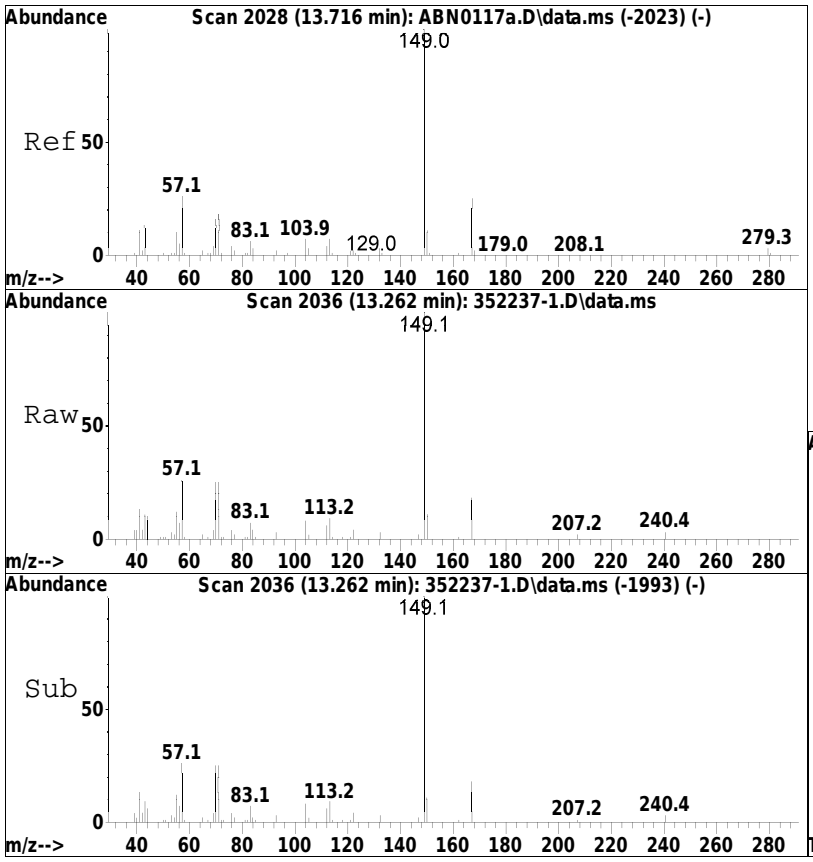
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\200318lvi\
Data File : 352237-1.D
Acq On : 18 Mar 2020 9:37 pm
Operator : SV107:sz
Sample : WG1352237-1,32,,nj-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 19 13:48:35 2020
Quant Method : i:\8270\sv107\200318lvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Mar 18 22:06:17 2020
Response via : Initial Calibration

Sub List : 8270TCL_REV1 - TCL/CT/MAlvi\AP90318.D•

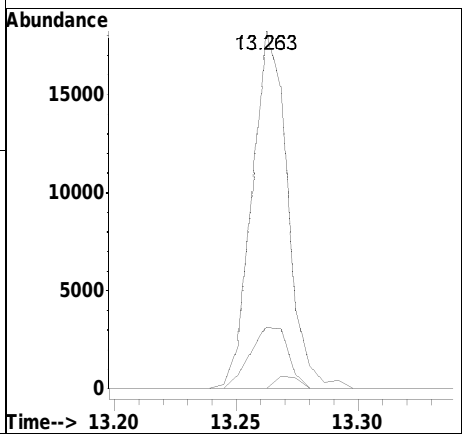




#107
Bis(2-ethylhexyl)phthalate
Concen: 0.59 ug/ml
RT: 13.262 min Scan# 2036
Delta R.T. 0.000 min
Lab File: 352237-1.D
Acq: 18 Mar 2020 9:37 pm

Tgt Ion:149 Resp: 18267

Ion	Ratio	Lower	Upper
149	100		
167	18.7	22.1	33.1#
279	0.0	3.0	4.4#



Manual Integration Report

Data Path	: I:\8270\SV107\2003181vi\	QMethod	: FS190927SV107.m
Data File	: 352237-1.D	Operator	: SV107:sz
Date Inj'd	: 3/18/2020 9:37 pm	Instrument	: SV 107
Sample	: WG1352237-1,32,,nj-1vi,ask	Quant Date	: 3/18/2020 10:06 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 352237-1.D
Acq On : 18 Mar 2020 9:37 pm
Operator : SV107:sz
Sample : WG1352237-1,32,,nj-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 352237-1.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.046	127	129	135	rBV5	8646	10705	1.51%	0.190%
2	2.116	136	141	147	rVB5	12694	21934	3.08%	0.390%
3	2.481	199	203	208	rBV6	7871	13917	1.96%	0.247%
4	2.622	221	227	231	rVB7	3855	7845	1.10%	0.139%
5	2.716	239	243	258	rBV2	64641	131071	18.43%	2.330%
6	3.422	354	363	378	rBV2	92910	218723	30.76%	3.887%
7	3.975	455	457	462	rVB5	2553	3353	0.47%	0.060%
8	4.022	462	465	469	rBV3	2566	3587	0.50%	0.064%
9	4.357	519	522	523	rBV3	2641	2307	0.32%	0.041%
10	4.757	588	590	593	rBV3	2997	3200	0.45%	0.057%
11	4.863	604	608	610	rBV2	2024	2896	0.41%	0.051%
12	5.104	643	649	651	rBV5	2758	5895	0.83%	0.105%
13	5.163	657	659	662	rVB3	2567	3180	0.45%	0.057%
14	5.228	667	670	673	rBV2	2600	3386	0.48%	0.060%
15	5.310	681	684	686	rBV2	1734	2441	0.34%	0.043%
16	5.510	712	718	729	rBV	150817	182580	25.68%	3.245%
17	5.639	735	740	742	rBV4	9361	12423	1.75%	0.221%
18	5.757	758	760	765	rVB2	8342	9637	1.36%	0.171%
19	5.798	765	767	772	rBV4	2860	3568	0.50%	0.063%
20	5.869	773	779	791	rBV	293767	365663	51.42%	6.499%
21	6.098	814	818	824	rVB6	4448	6579	0.93%	0.117%
22	6.298	849	852	855	rVV3	2574	3254	0.46%	0.058%
23	6.386	865	867	873	rVB4	3581	5224	0.73%	0.093%
24	6.428	873	874	877	rBV2	2309	2358	0.33%	0.042%
25	6.498	882	886	890	rBV5	2455	3771	0.53%	0.067%
26	6.581	897	900	914	rBV	98490	121181	17.04%	2.154%
27	6.875	944	950	954	rBV7	2065	2832	0.40%	0.050%
28	6.981	965	968	974	rVB4	2840	3001	0.42%	0.053%

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 352237-1.D
Acq On : 18 Mar 2020 9:37 pm
Operator : SV107:sz
Sample : WG1352237-1,32,,nj-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.039	974	978	984	rBV2	12863	13045	1.83%	0.232%
30	7.363	1024	1033	1045	rVV	573856	506699	71.26%	9.006%
31	7.551	1063	1065	1071	rBV4	2785	4807	0.68%	0.085%
32	7.669	1082	1085	1089	rVB3	2013	2853	0.40%	0.051%
33	7.786	1097	1105	1107	rBV5	2482	3276	0.46%	0.058%
34	8.116	1153	1161	1170	rBV4	10052	13273	1.87%	0.236%
35	8.416	1208	1212	1218	rBV4	2446	4497	0.63%	0.080%
36	8.504	1222	1227	1241	rBV	307293	274798	38.65%	4.884%
37	8.869	1283	1289	1291	rBV2	1835	3183	0.45%	0.057%
38	9.016	1310	1314	1318	rVB2	4796	3639	0.51%	0.065%
39	9.057	1318	1321	1326	rVB4	1860	2681	0.38%	0.048%
40	9.127	1326	1333	1341	rBV	746978	622835	87.59%	11.070%
41	9.216	1346	1348	1352	rVV2	2070	2477	0.35%	0.044%
42	9.251	1352	1354	1360	rVB4	1940	2749	0.39%	0.049%
43	9.622	1412	1417	1420	rBV3	5359	5677	0.80%	0.101%
44	9.669	1423	1425	1432	rVB4	2719	3979	0.56%	0.071%
45	9.733	1432	1436	1442	rBV3	1636	3263	0.46%	0.058%
46	9.892	1458	1463	1472	rBV	192273	165050	23.21%	2.933%
47	9.986	1476	1479	1483	rBV4	1735	2624	0.37%	0.047%
48	10.157	1502	1508	1511	rBV3	4860	6723	0.95%	0.119%
49	10.339	1536	1539	1546	rVB3	2459	3613	0.51%	0.064%
50	10.433	1550	1555	1559	rVB2	3720	3735	0.53%	0.066%
51	10.480	1559	1563	1566	rBV	2965	3302	0.46%	0.059%
52	10.545	1569	1574	1590	rVV	725748	667690	93.90%	11.867%
53	10.816	1617	1620	1624	rVB2	1994	2498	0.35%	0.044%
54	11.010	1650	1653	1657	rVB2	2173	2571	0.36%	0.046%
55	11.080	1663	1665	1670	rBV	2669	2424	0.34%	0.043%
56	11.204	1683	1686	1690	rBV	10458	10652	1.50%	0.189%
57	11.398	1713	1719	1723	rBV3	1856	3453	0.49%	0.061%
58	11.451	1723	1728	1731	rBV3	1996	2652	0.37%	0.047%
59	11.698	1765	1770	1778	rBV3	18240	25045	3.52%	0.445%
60	12.057	1825	1831	1836	rBV4	12103	13384	1.88%	0.238%

Data Path : I:\8270\SV107\2003181vi\
Data File : 352237-1.D
Acq On : 18 Mar 2020 9:37 pm
Operator : SV107:sz
Sample : WG1352237-1,32,,nj-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	12.116	1836	1841	1848	rVV	335852	332292	46.73%	5.906%
62	12.174	1848	1851	1853	rVV3	3973	4906	0.69%	0.087%
63	12.227	1853	1860	1865	rVB4	2949	8041	1.13%	0.143%
64	12.445	1893	1897	1906	rVV6	6208	12993	1.83%	0.231%
65	12.768	1943	1952	1957	rBV	63632	60140	8.46%	1.069%
66	12.857	1962	1967	1969	rBV2	3043	3966	0.56%	0.070%
67	13.045	1996	1999	2003	rBV2	2907	3337	0.47%	0.059%
68	13.110	2003	2010	2026	rVV	695458	709582	99.79%	12.611%
69	13.263	2030	2036	2042	rBV2	61426	62229	8.75%	1.106%
70	13.333	2045	2048	2050	rVB2	1970	2372	0.33%	0.042%
71	13.363	2050	2053	2062	rVB7	6327	12827	1.80%	0.228%
72	13.421	2062	2063	2068	rBV3	1909	2785	0.39%	0.049%
73	13.498	2071	2076	2080	rBV5	4791	6627	0.93%	0.118%
74	13.704	2104	2111	2114	rVB4	1898	4819	0.68%	0.086%
75	13.745	2114	2118	2119	rBV2	2685	3101	0.44%	0.055%
76	13.821	2126	2131	2134	rVB4	3319	4662	0.66%	0.083%
77	13.845	2134	2135	2141	rBV3	2305	2686	0.38%	0.048%
78	13.933	2147	2150	2153	rBV4	3971	3670	0.52%	0.065%
79	13.968	2153	2156	2161	rVB2	24903	28180	3.96%	0.501%
80	14.027	2163	2166	2169	rBV2	3211	4149	0.58%	0.074%
81	14.086	2174	2176	2181	rVB5	3463	4408	0.62%	0.078%
82	14.151	2184	2187	2191	rBV3	4527	4849	0.68%	0.086%
83	14.233	2200	2201	2203	rVV2	3848	3320	0.47%	0.059%
84	14.262	2203	2206	2210	rVB5	6020	8200	1.15%	0.146%
85	14.345	2216	2220	2225	rBV4	3363	6480	0.91%	0.115%
86	14.404	2225	2230	2234	rBV4	3092	5420	0.76%	0.096%
87	14.480	2239	2243	2245	rBV3	5699	5129	0.72%	0.091%
88	14.527	2245	2251	2261	rBV	584601	711079	100.00%	12.638%
89	14.645	2268	2271	2273	rBV2	3155	3232	0.45%	0.057%
90	14.798	2293	2297	2301	rVB5	6693	8927	1.26%	0.159%
91	14.904	2312	2315	2318	rVB4	4025	3133	0.44%	0.056%

LSC Area Percent Report

Data Path : I:\8270\SV107\2003181vi\
Data File : 352237-1.D
Acq On : 18 Mar 2020 9:37 pm
Operator : SV107:sz
Sample : WG1352237-1,32,,nj-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\2003181vi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

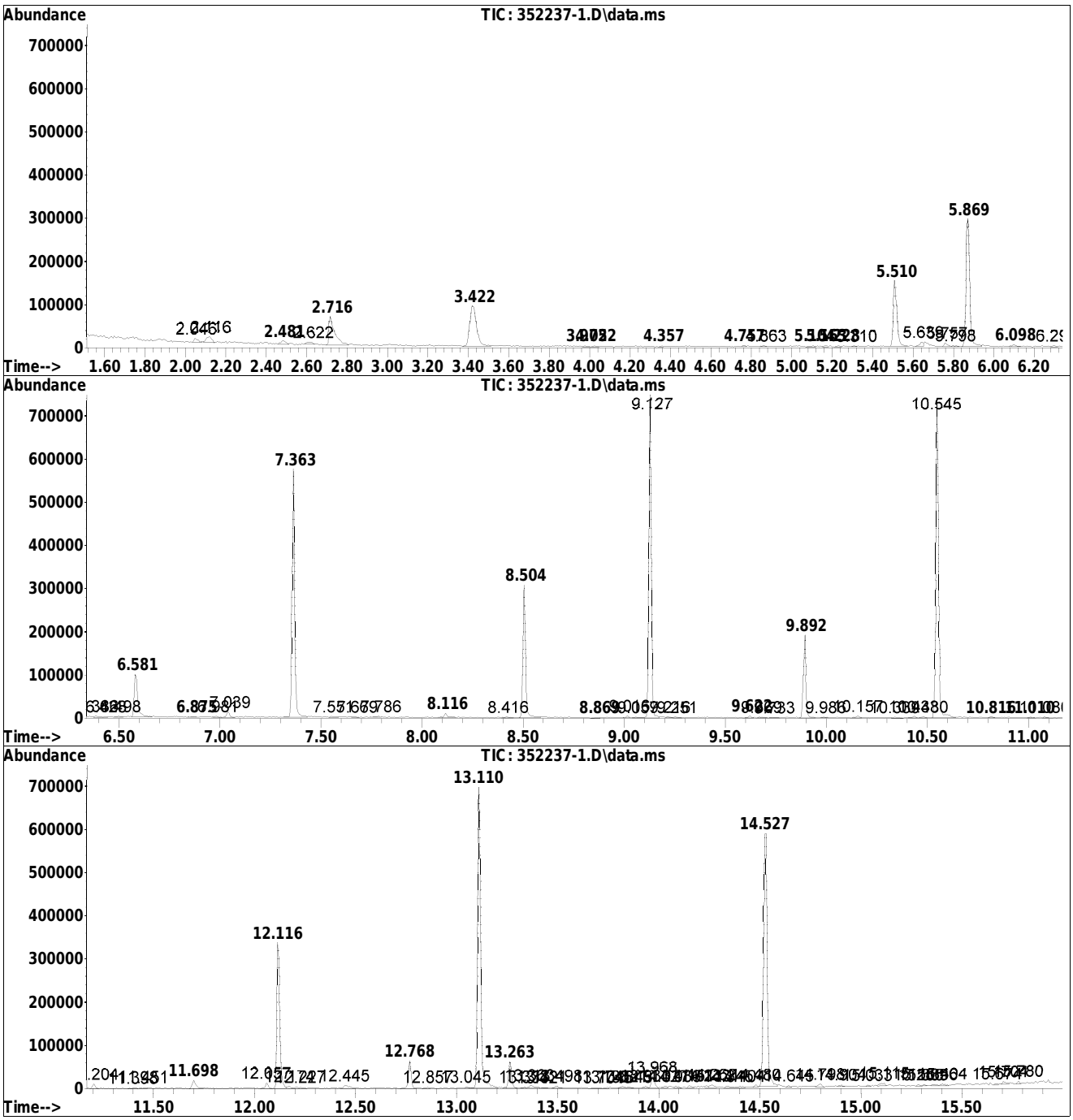
92	15.033	2335	2337	2340	rVV2	3044	2506	0.35%	0.045%
93	15.115	2345	2351	2353	rVB7	5588	9765	1.37%	0.174%
94	15.286	2377	2380	2383	rBV5	3082	2905	0.41%	0.052%
95	15.309	2383	2384	2387	rVV3	2829	2403	0.34%	0.043%
96	15.356	2390	2392	2397	rVB4	3014	4658	0.66%	0.083%
97	15.404	2397	2400	2405	rBV5	4727	6514	0.92%	0.116%
98	15.674	2443	2446	2447	rBV2	2891	3221	0.45%	0.057%
99	15.704	2449	2451	2456	rVV5	5846	7180	1.01%	0.128%
100	15.780	2462	2464	2466	rBV3	6288	4129	0.58%	0.073%

Sum of corrected areas: 5626480

Data Path : I:\8270\SV107\2003181vi\
Data File : 352237-1.D
Acq On : 18 Mar 2020 9:37 pm
Operator : SV107:sz
Sample : WG1352237-1,32,,nj-1vi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\8270\SV107\200318lvi\
Data File : 352237-1.D
Acq On : 18 Mar 2020 9:37 pm
Operator : SV107:sz
Sample : WG1352237-1,32,,nj-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200318lvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\2003181vi\
Data File : 352237-1.D
Acq On : 18 Mar 2020 9:37 pm
Operator : SV107:sz
Sample : WG1352237-1,32,,nj-lvi,ask
Misc : WG1352680,WG1352237,ICAL16200
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2003181vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

GC/MS Extractable Analysis
Method 8270
Selective Ion Monitoring

Sample Results Summary

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-01	**Date Collected**	: 03/13/20 10:06
Client ID	: MW-1	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/20/20 02:54
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 11627-01	**Analyst**	: CB
Sample Amount	: 275 ml	**Instrument ID**	: SV119
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-02	**Date Collected**	: 03/13/20 10:40
Client ID	: MW-2	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/20/20 03:11
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 11627-02	**Analyst**	: CB
Sample Amount	: 275 ml	**Instrument ID**	: SV119
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-03	**Date Collected**	: 03/13/20 11:07
Client ID	: MW-3	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/20/20 03:28
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 11627-03	**Analyst**	: CB
Sample Amount	: 275 ml	**Instrument ID**	: SV119
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-04	**Date Collected**	: 03/13/20 11:51
Client ID	: MW-4	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/20/20 03:45
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 11627-04	**Analyst**	: CB
Sample Amount	: 275 ml	**Instrument ID**	: SV119
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	0.02	0.10	0.01	J
207-08-9	Benzo(k)fluoranthene	0.02	0.10	0.01	J
53-70-3	Dibenzo(a,h)anthracene	0.08	0.10	0.01	J
193-39-5	Indeno(1,2,3-cd)pyrene	0.08	0.10	0.01	J
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1352238-1	**Date Collected**	: NA
Client ID	: WG1352238-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/20/20 00:22
Sample Matrix	: WATER	**Date Extracted**	: 03/18/20
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 352238-1	**Analyst**	: CB
Sample Amount	: 275 ml	**Instrument ID**	: SV119
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV119	**Analysis Date**	: 02/14/20 16:29
Tune Standard	: R1285203-1	**Tune File ID**	: deg0214_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	49.5
68	Less than 2.0% of mass 69	0.8 (1.7)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	56.3
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	21.2
365	Greater than 1.0% of mass 198	2.6
441	Present, but less than 24% of mass 442	17
442	Base Peak, or >50% of mass 198	75.5
443	15.0 - 24.0% of mass 442	14.5 (19.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
IL10	R1285203-3	IL10	02/14/20 16:50
IL9	R1285203-10	IL9	02/14/20 17:06
IL8	R1285203-8	IL8	02/14/20 17:23
IL7	R1285203-9	IL7	02/14/20 17:40
IL6	R1285203-11	IL6	02/14/20 17:57
IL5	R1285203-7	IL5	02/14/20 18:14
IL4	R1285203-5	IL4	02/14/20 18:31
IL3	R1285203-6	IL3	02/14/20 18:48
IL2	R1285203-4	IL2	02/14/20 19:05
IL1	R1285203-2	IL1	02/14/20 19:22
ICV Quant Report	R1285203-12	ICV	02/14/20 19:39

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV119	**Analysis Date**	: 03/19/20 17:04
Tune Standard	: WG1353119-1	**Tune File ID**	: deg0319n_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	43.6
68	Less than 2.0% of mass 69	0.6 (1.3)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	53.1
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	25
365	Greater than 1.0% of mass 198	3
441	Present, but less than 24% of mass 442	18
442	Base Peak, or >50% of mass 198	91.6
443	15.0 - 24.0% of mass 442	17.2 (18.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1353119-3CCAL	WG1353119-3	CCV0319N	03/19/20 17:20
WG1352238-2LCS	WG1352238-2	352238-2	03/19/20 23:49
WG1352238-3LCSD	WG1352238-3	352238-3	03/20/20 00:06
WG1352238-1BLANK	WG1352238-1	352238-1	03/20/20 00:22
MW-1	L2011627-01	11627-01	03/20/20 02:54
MW-2	L2011627-02	11627-02	03/20/20 03:11
MW-3	L2011627-03	11627-03	03/20/20 03:28
MW-4	L2011627-04	11627-04	03/20/20 03:45

Blank Results Summary

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab Sample ID	: WG1352238-1	**Lab File ID**	: 352238-1
Instrument ID	: SV119	**Extraction Date**	: 03/18/20
Matrix	: WATER	**Analysis Date**	: 03/20/20 00:22
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1352238-2LCS	WG1352238-2	03/19/20 23:49
WG1352238-3LCSD	WG1352238-3	03/20/20 00:06
MW-1	L2011627-01	03/20/20 02:54
MW-2	L2011627-02	03/20/20 03:11
MW-3	L2011627-03	03/20/20 03:28
MW-4	L2011627-04	03/20/20 03:45

Standards Data Summary

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2011627**
Project Name	**: FORMER PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV119**	**Ical Ref**	**: ICAL16526**
Calibration dates	**: 02/14/20 16:50 02/14/20 19:22**		

Calibration Files
L1 =IL1.D L2 =IL2.D L3 =IL3.D L4 =IL4.D L5 =IL5.D L6 =IL6.D L7 =IL7.D L8 =IL8.D
L9 =IL9.D L10 =IL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	i	1,4-Dichlorobenzene-d4	----------ISTD----------											
2)		1,4-Dioxane											0.000	-1.00
3)	s	2-Fluorophenol		1.029	1.065	1.059	1.064	1.122	1.100	1.189	1.137		1.096	4.74
4)	s	Phenol-d6		1.039	1.152	1.229	1.237	1.341	1.301	1.455	1.398		1.269	10.59
5)	T	bis(2-Chloroethyl)ether		1.407	1.454	1.285	1.231	1.259	1.207	1.351	1.327	1.349	1.319	6.18
6)	T	n-Nitrosodi-n-propylamine			0.680	0.716	0.727	0.810	0.790	0.938	0.906	0.915	0.810	12.31
7)	t	Hexachloroethane		0.548	0.532	0.541	0.526	0.538	0.505	0.543	0.513	0.508	0.528	3.04
8)	s	Nitrobenzene-d5		0.897	1.089	1.124	1.158	1.247	1.195	1.359	1.305		1.172	12.22
9)	i	Naphthalene-d8	----------ISTD----------											
10)	t	Naphthalene		0.974	1.015	0.985	1.020	1.050	0.997	1.055	0.987	0.940	1.003	3.66
11)	t	Hexachlorobutadiene		0.170	0.172	0.171	0.167	0.173	0.163	0.171	0.159	0.153	0.167	4.11
12)	t	2-Methylnaphthalene		0.580	0.600	0.638	0.647	0.702	0.675	0.745	0.697	0.678	0.662	7.85
13)	t	1-Methylnaphthalene		0.681	0.710	0.711	0.680	0.726	0.671	0.692	0.649	0.644	0.685	4.07
14)	s	2-Fluorobiphenyl		0.793	0.838	0.849	0.824	0.879	0.820	0.862			0.838	3.41
15)	t	2-Chloronaphthalene		0.608	0.646	0.705	0.678	0.724	0.673	0.722	0.670	0.668	0.677	5.46
16)	t	Acenaphthylene		1.020	1.041	1.073	1.047	1.123	1.077	1.191	1.098	1.079	1.083	4.69
17)	i	Acenaphthene-d10	----------ISTD----------											
18)	t	Acenaphthene		1.235	1.259	1.276	1.294	1.356	1.258	1.330	1.234	1.180	1.269	4.18
19)	t	Fluorene		1.280	1.426	1.449	1.444	1.529	1.410	1.502	1.382	1.304	1.414	5.83
20)	s	2,4,6-Tribromophenol				0.170	0.171	0.189	0.184	0.208	0.197		0.187	7.91
21)	i	Phenanthrene-d10	----------ISTD----------											
22)	T	4,6-Dinitro-o-cresol					0.061	0.080	0.090	0.117	0.119	0.123	*L	0.9986
23)	t	Hexachlorobenzene	0.206	0.194	0.201	0.203	0.208	0.212	0.195	0.206	0.192	0.182	0.200	4.57
24)	t	Pentachlorophenol			0.067	0.087	0.092	0.101	0.104	0.123	0.122	0.123	*L	0.9993
25)	t	Phenanthrene		1.065	1.062	1.059	1.039	1.083	1.004	1.068	0.985	0.926	1.032	4.96
26)	t	Anthracene		0.970	1.050	1.055	1.052	1.089	1.032	1.108	1.025	0.966	1.038	4.58
27)	t	Fluoranthene		1.227	1.242	1.251	1.202	1.260	1.190	1.280	1.185	1.117	1.217	4.07
28)	t	Pyrene		1.229	1.264	1.286	1.237	1.300	1.231	1.307	1.214	1.148	1.246	3.99
29)	s	4-Terphenyl-d14		0.695	0.745	0.750	0.728	0.770	0.739	0.777	0.725		0.741	3.53
30)	i	Chrysene-d12	----------ISTD----------											
31)	t	Benzo[a]anthracene		2.204	1.566	1.359	1.220	1.224	1.137	1.254	1.195	1.152	*L	0.9991
32)	t	Chrysene		1.334	1.321	1.332	1.283	1.327	1.213	1.250	1.165	1.121	1.261	6.28
33)	T	bis(2-Ethylhexyl)phthalate					0.624	0.676	0.703	0.887	0.889	0.927	0.785	16.68
34)	i	Perylene-d12	----------ISTD----------											
35)	t	Benzo[b]fluoranthene	1.348	1.009	1.046	1.061	1.049	1.119	1.078	1.193	1.126	1.110	1.114	8.72
36)	t	Benzo[k]fluoranthene	1.256	1.113	1.154	1.174	1.168	1.207	1.184	1.249	1.169	1.135	1.181	3.87

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2011627**
Project Name	**: FORMER PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV119**	**Ical Ref**	**: ICAL16526**
Calibration dates	**: 02/14/20 16:50 02/14/20 19:22**		

Calibration Files

L1 =IL1.D L2 =IL2.D L3 =IL3.D L4 =IL4.D L5 =IL5.D L6 =IL6.D L7 =IL7.D L8 =IL8.D

L9 =IL9.D L10 =IL10.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37) t	Benzo[a]pyrene		0.936	0.894	0.943	0.942	0.975	0.954	1.100	1.070	1.053	0.985	7.21
38) t	Indeno[1,2,3-cd]pyrene			0.788	0.852	0.889	0.958	0.963	1.109	1.073	1.067	0.962	11.97
39) t	Dibenzo[a,h]anthracene			0.859	0.909	0.974	1.036	1.053	1.155	1.091	1.079	1.019	9.70
40) t	Benzo[g,h,i]perylene			0.978	1.037	1.061	1.134	1.094	1.188	1.124	1.102	1.090	5.90

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627		
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV119	**Calibration Date**	: 03/19/20 17:20		
Lab File ID	: CCV0319N	**Init. Calib. Date(s)**	: 02/14/20	02/14/20	
Sample No	: WG1353119-3	**Init. Calib. Times**	: 16:50	19:22	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	82	-.03
2-Fluorophenol	1.096	1.086	.05	0.9	20	81	-.03
Phenol-d6	1.269	1.257	.05	0.9	20	79	-.03
Bis(2-chloroethyl)ether	1.319	1.166	.05	11.6	20	79	-.03
n-nitrosodi-n-propylamine	0.81	0.792	.05	2.2	20	82	-.03
Hexachloroethane	0.528	0.509	.05	3.6	20	82	-.03
Nitrobenzene-d5	1.172	1.176	.05	-0.3	20	80	-.03
Naphthalene-d8	1	1	.05	0	20	80	-.03
Naphthalene	1.003	1.043	.05	-4	20	84	-.03
Hexachlorobutadiene	0.167	0.169	.05	-1.2	20	83	-.03
2-Methylnaphthalene	0.662	0.702	.05	-6	20	84	-.03
1-Methylnaphthalene	0.685	0.656	.05	4.2	20	79	-.03
2-Fluorobiphenyl	0.838	0.787	.05	6.1	20	77	-.03
2-Chloronaphthalene	0.677	0.676	.05	0.1	20	81	-.03
Acenaphthylene	1.083	1.031	.05	4.8	20	77	-.03
Acenaphthene-d10	1	1	.05	0	20	74	-.03
Acenaphthene	1.269	1.362	.05	-7.3	20	80	-.03
Fluorene	1.414	1.511	.05	-6.9	20	79	-.03
2,4,6-Tribromophenol	0.187	0.194	.05	-3.7	20	78	-.03
Phenanthrene-d10	1	1	.05	0	20	69	-.03
4,6-Dinitro-o-cresol	1000	927.874	.05	7.2	20	79	-.03
Hexachlorobenzene	0.2	0.216	.05	-8	20	76	-.03
Pentachlorophenol	1000	968.842	.05	3.1	20	77	-.03
Phenanthrene	1.032	1.142	.05	-10.7	20	78	-.02
Anthracene	1.038	1.094	.05	-5.4	20	73	-.03
Fluoranthene	1.217	1.274	.05	-4.7	20	74	-.02
Pyrene	1.246	1.298	.05	-4.2	20	73	-.02
4-Terphenyl-d14	0.741	0.75	.05	-1.2	20	70	-.02
Chrysene-d12	1	1	.05	0	20	63	-.01
Benzo[a]anthracene	1000	1040.365	.05	-4	20	68	0
Chrysene	1.261	1.335	.05	-5.9	20	69	0
Bis(2-ethylhexyl)phthalate	0.785	0.688	.05	12.4	20	61	0
Perylene-d12	1	1	.05	0	20	62	-.01
Benzo[b]fluoranthene	1.114	1.242	.05	-11.5	20	72	0
Benzo[k]fluoranthene	1.181	1.265	.05	-7.1	20	67	-.01
Benzo[a]pyrene	0.985	1.086	.05	-10.3	20	71	-.01
Indeno[1,2,3-cd]pyrene	0.962	1.117	.05	-16.1	20	72	-.02
Dibenzo[a,h]anthracene	1.019	1.188	.05	-16.6	20	70	-.02
Benzo[g,h,i]perylene	1.09	1.256	.05	-15.2	20	71	-.03

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Lisko Environmental, LLC
Project Name: FORMER PISTOIA TIRE CO INC.

Lab Number: L2011627
Project Number: 0064-4
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (NBZ)	S2 (FBP)	S3 (TPH)	S4 ()	S5 ()	S6 ()	TOT OUT
MW-1 (L2011627-01)	57	54	72	--	--	--	0
MW-2 (L2011627-02)	55	51	76	--	--	--	0
MW-3 (L2011627-03)	78	70	90	--	--	--	0
MW-4 (L2011627-04)	86	77	108	--	--	--	0
WG1352238-1BLANK	85	82	102	--	--	--	0
WG1352238-2LCS	85	79	93	--	--	--	0
WG1352238-3LCSD	90	82	97	--	--	--	0

QC LIMITS

(30-130) NBZ = NITROBENZENE-D5
(30-130) FBP = 2-FLUOROBIPHENYL
(30-130) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NJ-BNEXT-SIM-LVI

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Matrix	: WATER		
LCS Sample ID	: WG1352238-2 **Analysis Date** : 03/19/20 23:49	**File ID**	: 352238-2
LCSD Sample ID	: WG1352238-3 **Analysis Date** : 03/20/20 00:06	**File ID**	: 352238-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	3.6	3.1	86	3.6	3.2	89	3	70-130	20
Benzo(a)pyrene	3.6	3.3	91	3.6	3.5	95	4	70-130	20
Benzo(b)fluoranthene	3.6	3.3	91	3.6	3.5	96	5	70-130	20
Benzo(k)fluoranthene	3.6	3.2	89	3.6	3.3	92	3	70-130	20
Dibenzo(a,h)anthracene	3.6	3.4	95	3.6	3.6	98	3	70-130	20
Indeno(1,2,3-cd)pyrene	3.6	3.5	96	3.6	3.6	100	4	70-130	20
Hexachlorobenzene	3.6	3.1	86	3.6	3.3	90	5	70-130	20
Hexachlorobutadiene	3.6	2.7	73	3.6	2.9	79	8	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV119	**Analysis Date**	: 03/19/20 17:20
Sample No	: WG1353119-3	**Lab File ID**	: CCV0319N

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1353119-3	35326	2.01	133210	2.68	70100	3.65
Upper Limit	70652	2.51	266420	3.18	140200	4.15
Lower Limit	17663	1.51	66605	2.18	35050	3.15
Sample ID						
WG1352238-2 LCS	38074	2.01	144706	2.68	77146	3.65
WG1352238-3 LCSD	37930	2.02	144750	2.68	77859	3.65
WG1352238-1 BLANK	38884	2.02	146934	2.68	78753	3.65
MW-1	35588	2.02	138878	2.68	75497	3.65
MW-2	36157	2.02	142408	2.68	79653	3.65
MW-3	29111	2.01	113674	2.67	62829	3.65
MW-4	29129	2.01	115977	2.67	63267	3.65

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV119	**Analysis Date**	: 03/19/20 17:20
Sample No	: WG1353119-3	**Lab File ID**	: CCV0319N

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1353119-3	148797	4.49	139663	6.04	146880	7.09
Upper Limit	297594	4.99	279326	6.54	293760	7.59
Lower Limit	74399	3.99	69832	5.54	73440	6.59
Sample ID						
WG1352238-2 LCS	163796	4.49	156535	6.03	165670	7.08
WG1352238-3 LCSD	167254	4.49	163716	6.03	176531	7.08
WG1352238-1 BLANK	169997	4.49	165066	6.03	174705	7.08
MW-1	160620	4.49	160704	6.04	174304	7.09
MW-2	172440	4.49	173088	6.03	185930	7.09
MW-3	139171	4.50	161746	6.04	170721	7.09
MW-4	139901	4.50	160937	6.04	168325	7.09

Area Upper Limit = +100% of internal standard area

Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT

RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\200319nLVI\
Data File : 11627-01.D
Acq On : 20 Mar 2020 02:54 am
Operator : sv119:cb
Sample : 12011627-01,32,,bnext
Misc : wg1353119,wg1352238,ical16526
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 20 08:59:55 2020
Quant Method : I:\8270SIM\sv119\200319nLVI\SIM-LVI_200214_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 20 08:23:10 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\200319nLVI\ccv0319n.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.015	152	35588	4000.000	ng/ml	# 0.00
Standard Area 1 = 35326			Recovery = 100.74%			
9) Naphthalene-d8	2.676	136	138878	4000.000	ng/ml	# 0.00
Standard Area 1 = 133210			Recovery = 104.25%			
17) Acenaphthene-d10	3.653	164	75497	4000.000	ng/ml	# 0.00
Standard Area 1 = 70100			Recovery = 107.70%			
21) Phenanthrene-d10	4.494	188	160620	4000.000	ng/ml	0.00
Standard Area 1 = 148797			Recovery = 107.95%			
30) Chrysene-d12	6.035	240	160704	4000.000	ng/ml	0.00
Standard Area 1 = 139663			Recovery = 115.07%			
34) Perylene-d12	7.088	264	174304	4000.000	ng/ml	0.00
Standard Area 1 = 146880			Recovery = 118.67%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.435	112	21763	2232.447	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 44648.94%#			
4) Phenol-d6	1.839	99	25341	2244.555	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 44891.10%#			
8) Nitrobenzene-d5	2.299	82	14837	1423.160	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 56926.40%#			
14) 2-Fluorobiphenyl	3.280	172	39350	1352.805	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 54112.20%#			
20) 2,4,6-Tribromophenol	4.100	330	10518	2986.674	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 59733.48%#			
29) 4-Terphenyl-d14	5.421	244	53368	1792.722	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 71708.88%#			
Target Compounds						Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.		
23) Hexachlorobenzene	0.000		0	N.D.		
31) Benzo[a]anthracene	6.035	228	482	1.846	ng/ml	96
35) Benzo[b]fluoranthene	0.000		0	N.D.		
36) Benzo[k]fluoranthene	0.000		0	N.D.		
37) Benzo[a]pyrene	0.000		0	N.D. d		
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		
39) Dibenzo[a,h]anthracene	0.000		0	N.D. d		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\200319nLVI\
Data File : 11627-01.D
Acq On : 20 Mar 2020 02:54 am
Operator : sv119:cb
Sample : l2011627-01,32,,bnext
Misc : wg1353119,wg1352238,ical16526
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 20 08:59:55 2020
Quant Method : I:\8270SIM\sv119\200319nLVI\SIM-LVI_200214_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 20 08:23:10 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\200319nLVI\ccv0319n.D
Sub List : Default - All compounds listed

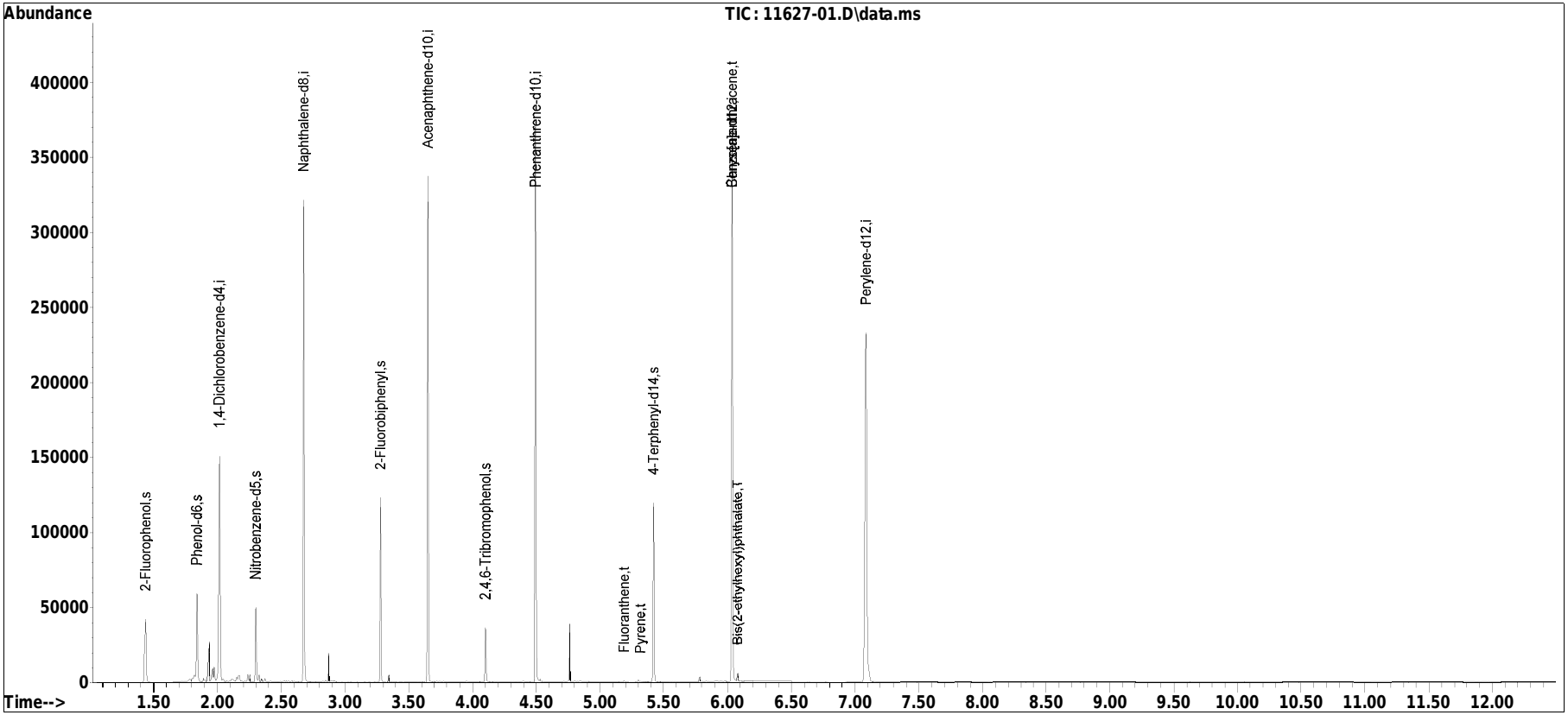
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

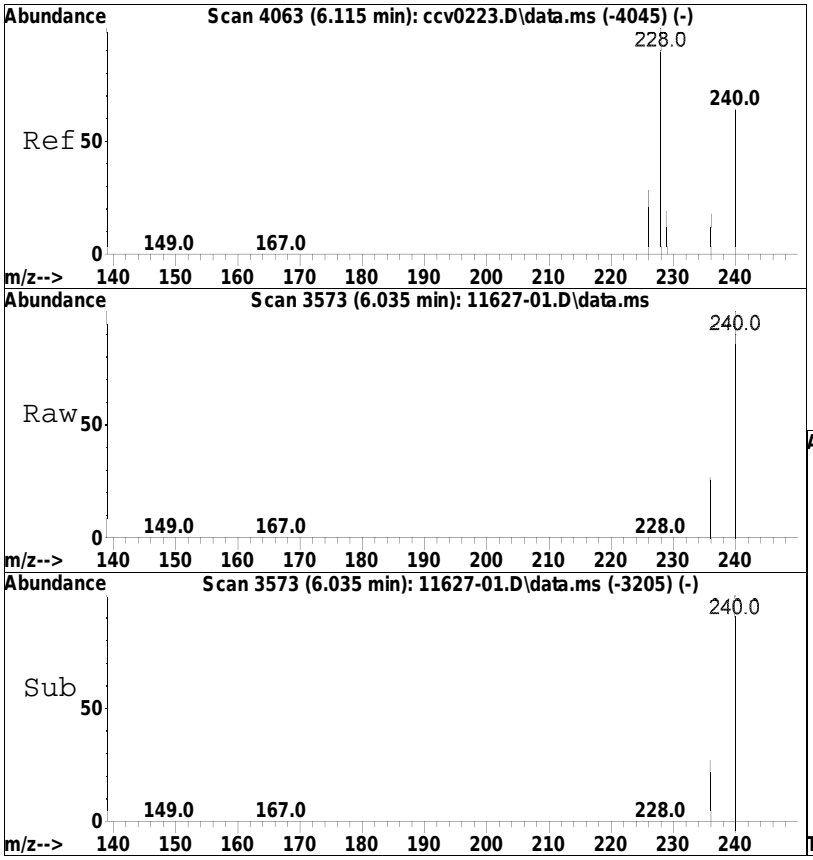
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\200319nLVI\
Data File : 11627-01.D
Acq On : 20 Mar 2020 02:54 am
Operator : sv119:cb
Sample : l2011627-01,32,,bnext
Misc : wg1353119,wg1352238,ical16526
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 20 08:59:55 2020
Quant Method : I:\8270SIM\sv119\200319nLVI\SIM-LVI_200214_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 20 08:23:10 2020
Response via : Initial Calibration

Sub List : Default - All compounds listedI\ccv0319n.D•

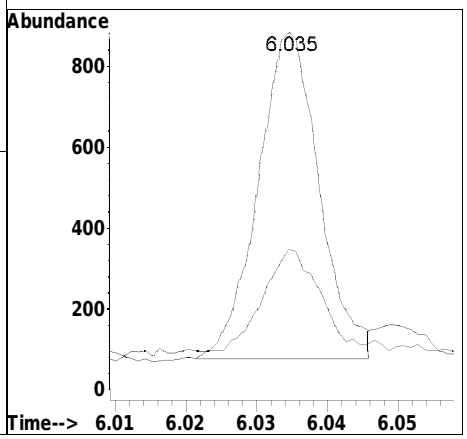




#31
Benzo[a]anthracene
Concen: 1.85 ng/ml
RT: 6.035 min Scan# 3573
Delta R.T. 0.003 min
Lab File: 11627-01.D
Acq: 20 Mar 2020 02:54 am

Tgt Ion:228 Resp: 482

Ion	Ratio	Lower	Upper
228	100		
229	28.0	24.1	36.1



Manual Integration Report

Data Path	: I:\8270SIM\sv119\200319nLVQ	Method	: SIM-LVI_200214_sv119.M
Data File	: 11627-01.D	Operator	: sv119:cb
Date Inj'd	: 3/20/2020 2:54 am	Instrument	: SV119
Sample	: 12011627-01,32,,bnext	Quant Date	: 3/20/2020 8:29 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\200319nLVI\
Data File : 11627-02.D
Acq On : 20 Mar 2020 03:11 am
Operator : sv119:cb
Sample : 12011627-02,32,,bnext
Misc : wg1353119,wg1352238,ical16526
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 20 09:01:09 2020
Quant Method : I:\8270SIM\sv119\200319nLVI\SIM-LVI_200214_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 20 08:23:10 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\200319nLVI\ccv0319n.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.015	152	36157	4000.000	ng/ml	# 0.00
Standard Area 1 = 35326			Recovery = 102.35%			
9) Naphthalene-d8	2.676	136	142408	4000.000	ng/ml	# 0.00
Standard Area 1 = 133210			Recovery = 106.90%			
17) Acenaphthene-d10	3.652	164	79653	4000.000	ng/ml	# 0.00
Standard Area 1 = 70100			Recovery = 113.63%			
21) Phenanthrene-d10	4.494	188	172440	4000.000	ng/ml	0.00
Standard Area 1 = 148797			Recovery = 115.89%			
30) Chrysene-d12	6.034	240	173088	4000.000	ng/ml	0.00
Standard Area 1 = 139663			Recovery = 123.93%			
34) Perylene-d12	7.088	264	185930	4000.000	ng/ml	0.00
Standard Area 1 = 146880			Recovery = 126.59%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.437	112	19391	1957.825	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 39156.50%#			
4) Phenol-d6	1.841	99	24207	2110.370	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 42207.40%#			
8) Nitrobenzene-d5	2.299	82	14691	1386.980	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 55479.20%#			
14) 2-Fluorobiphenyl	3.280	172	37720	1264.623	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 50584.92%#			
20) 2,4,6-Tribromophenol	4.103	330	9881	2659.396	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 53187.92%#			
29) 4-Terphenyl-d14	5.421	244	60585	1895.652	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 75826.08%#			
Target Compounds						Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.		
23) Hexachlorobenzene	0.000		0	N.D.		
31) Benzo[a]anthracene	6.034	228	518	1.823	ng/ml	100
35) Benzo[b]fluoranthene	0.000		0	N.D.	d	
36) Benzo[k]fluoranthene	0.000		0	N.D.	d	
37) Benzo[a]pyrene	0.000		0	N.D.	d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		
39) Dibenzo[a,h]anthracene	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\200319nLVI\
Data File : 11627-02.D
Acq On : 20 Mar 2020 03:11 am
Operator : sv119:cb
Sample : l2011627-02,32,,bnext
Misc : wg1353119,wg1352238,ical16526
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 20 09:01:09 2020
Quant Method : I:\8270SIM\sv119\200319nLVI\SIM-LVI_200214_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 20 08:23:10 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\200319nLVI\ccv0319n.D
Sub List : Default - All compounds listed

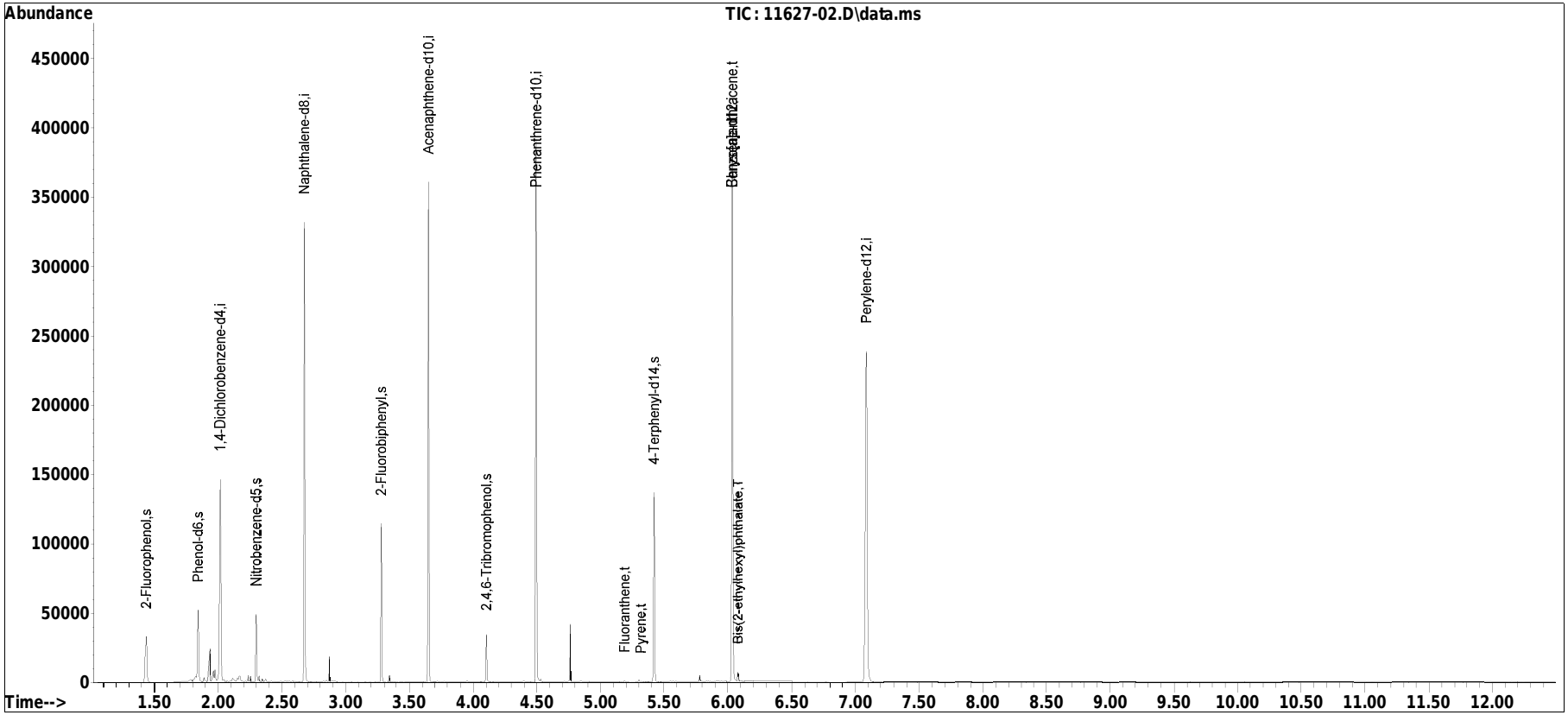
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

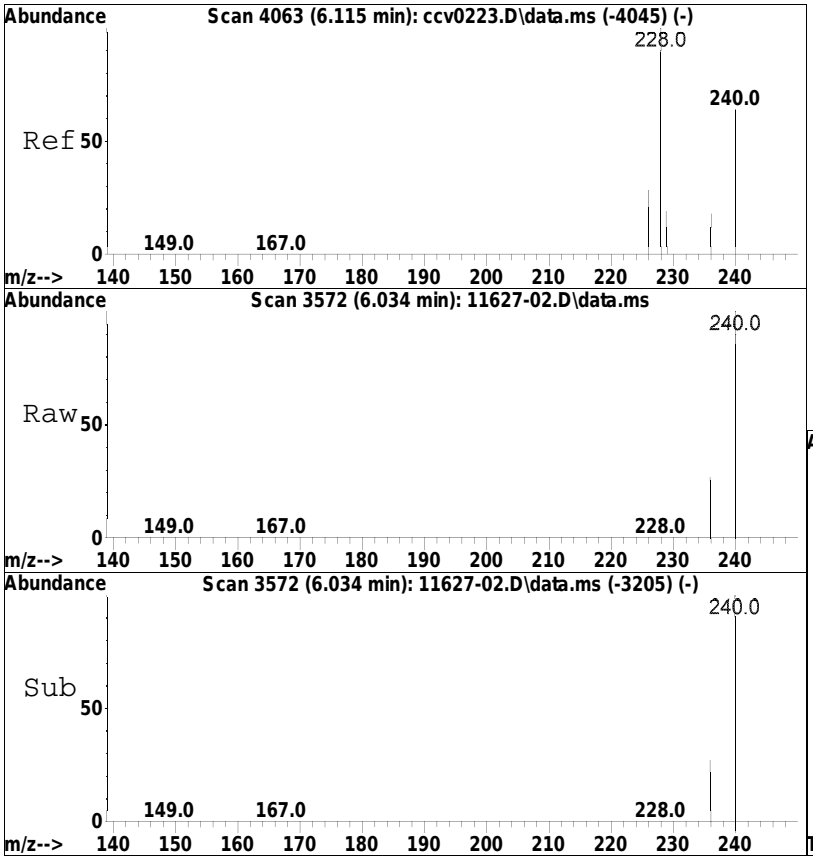
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\200319nLVI\
Data File : 11627-02.D
Acq On : 20 Mar 2020 03:11 am
Operator : sv119:cb
Sample : l2011627-02,32,,bnext
Misc : wg1353119,wg1352238,ical16526
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 20 09:01:09 2020
Quant Method : I:\8270SIM\sv119\200319nLVI\SIM-LVI_200214_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 20 08:23:10 2020
Response via : Initial Calibration

Sub List : Default - All compounds listedI\ccv0319n.D•

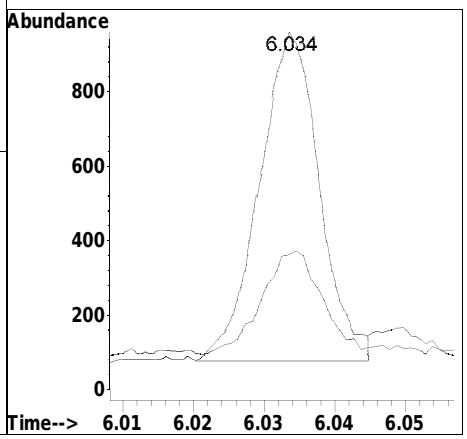




#31
Benzo[a]anthracene
Concen: 1.82 ng/ml
RT: 6.034 min Scan# 3572
Delta R.T. 0.002 min
Lab File: 11627-02.D
Acq: 20 Mar 2020 03:11 am

Tgt Ion:228 Resp: 518

Ion	Ratio	Lower	Upper
228	100		
229	29.9	24.1	36.1



Manual Integration Report

Data Path	: I:\8270SIM\sv119\200319nLVQ	Method	: SIM-LVI_200214_sv119.M
Data File	: 11627-02.D	Operator	: sv119:cb
Date Inj'd	: 3/20/2020 3:11 am	Instrument	: SV119
Sample	: 12011627-02,32,,bnext	Quant Date	: 3/20/2020 8:29 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\200319nLVI\
Data File : 11627-03.D
Acq On : 20 Mar 2020 03:28 am
Operator : sv119:cb
Sample : 12011627-03,32,,bnext
Misc : wg1353119,wg1352238,ical16526
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 20 09:03:09 2020
Quant Method : I:\8270SIM\sv119\200319nLVI\SIM-LVI_200214_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 20 08:23:10 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\200319nLVI\ccv0319n.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.008	152	29111	4000.000	ng/ml	# 0.00
Standard Area 1 = 35326			Recovery = 82.41%			
9) Naphthalene-d8	2.673	136	113674	4000.000	ng/ml	0.00
Standard Area 1 = 133210			Recovery = 85.33%			
17) Acenaphthene-d10	3.653	164	62829	4000.000	ng/ml	# 0.00
Standard Area 1 = 70100			Recovery = 89.63%			
21) Phenanthrene-d10	4.495	188	139171	4000.000	ng/ml	0.00
Standard Area 1 = 148797			Recovery = 93.53%			
30) Chrysene-d12	6.038	240	161746	4000.000	ng/ml	0.00
Standard Area 1 = 139663			Recovery = 115.81%			
34) Perylene-d12	7.092	264	170721	4000.000	ng/ml	0.00
Standard Area 1 = 146880			Recovery = 116.23%			
System Monitoring Compounds						
3) 2-Fluorophenol	1.421	112	21921	2748.966	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 54979.32%#			
4) Phenol-d6	1.832	99	25095	2717.316	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 54346.32%#			
8) Nitrobenzene-d5	2.295	82	16690	1957.088	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 78283.52%#			
14) 2-Fluorobiphenyl	3.278	172	41569	1745.952	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 69838.08%#			
20) 2,4,6-Tribromophenol	4.102	330	9630	3285.870	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 65717.40%#			
29) 4-Terphenyl-d14	5.422	244	57923	2245.608	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 89824.32%#			

Target Compounds			Qvalue
11) Hexachlorobutadiene	0.000	0	N.D.
23) Hexachlorobenzene	0.000	0	N.D.
31) Benzo[a]anthracene	0.000	0	N.D. d
35) Benzo[b]fluoranthene	0.000	0	N.D. d
36) Benzo[k]fluoranthene	0.000	0	N.D. d
37) Benzo[a]pyrene	0.000	0	N.D. d
38) Indeno[1,2,3-cd]pyrene	0.000	0	N.D.
39) Dibenzo[a,h]anthracene	0.000	0	N.D. d

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\200319nLVI\
Data File : 11627-03.D
Acq On : 20 Mar 2020 03:28 am
Operator : sv119:cb
Sample : 12011627-03,32,,bnext
Misc : wg1353119,wg1352238,ical16526
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 20 09:03:09 2020
Quant Method : I:\8270SIM\sv119\200319nLVI\SIM-LVI_200214_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 20 08:23:10 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\200319nLVI\ccv0319n.D
Sub List : Default - All compounds listed

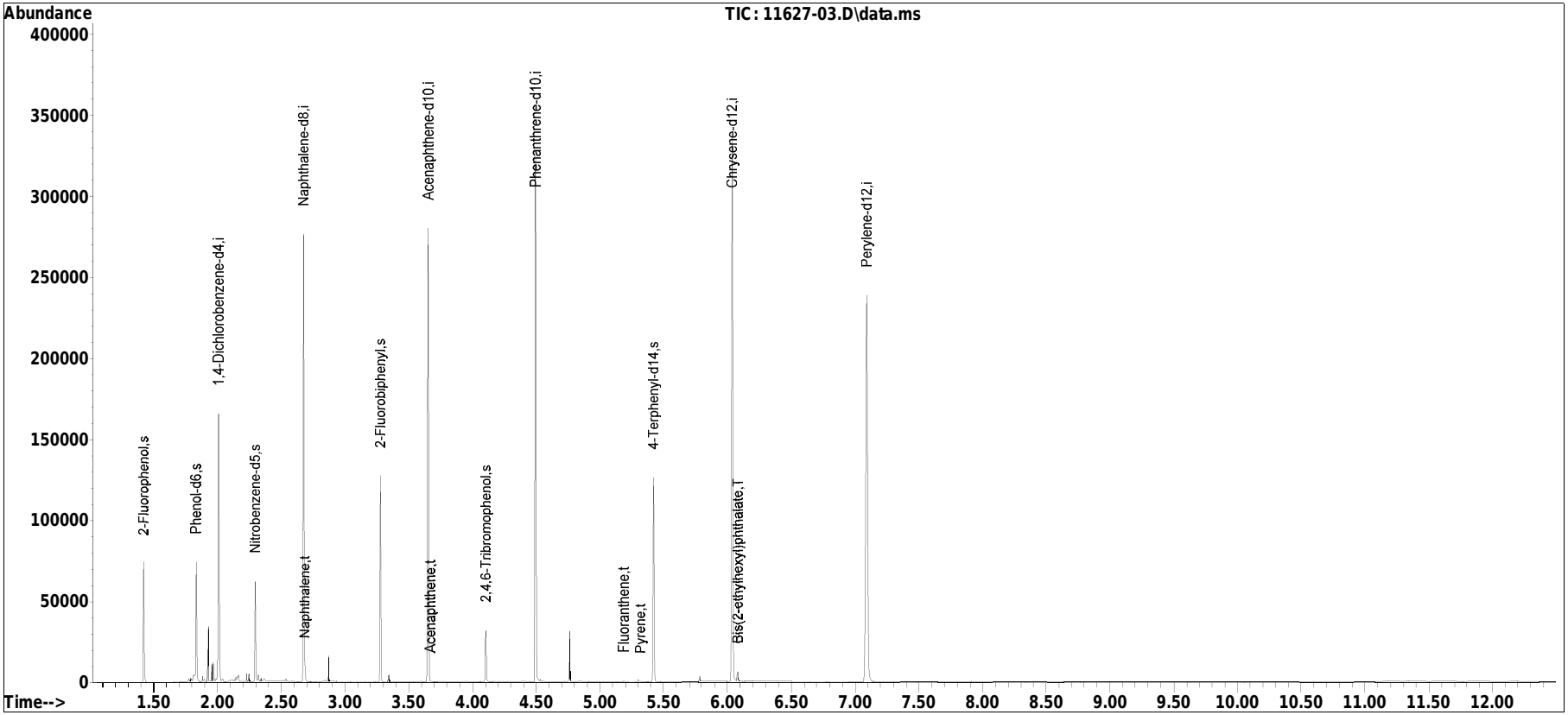
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\200319nLVI\
Data File : 11627-03.D
Acq On : 20 Mar 2020 03:28 am
Operator : sv119:cb
Sample : l2011627-03,32,,bnext
Misc : wg1353119,wg1352238,ical16526
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 20 09:03:09 2020
Quant Method : I:\8270SIM\sv119\200319nLVI\SIM-LVI_200214_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 20 08:23:10 2020
Response via : Initial Calibration

Sub List : Default - All compounds listedI\ccv0319n.D•



Manual Integration Report

Data Path	: I:\8270SIM\sv119\200319nLVQ	Method	: SIM-LVI_200214_sv119.M
Data File	: 11627-03.D	Operator	: sv119:cb
Date Inj'd	: 3/20/2020 3:28 am	Instrument	: SV119
Sample	: 12011627-03,32,,bnext	Quant Date	: 3/20/2020 8:29 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\200319nLVI\
Data File : 11627-04.D
Acq On : 20 Mar 2020 03:45 am
Operator : sv119:cb
Sample : 12011627-04,32,,bnext
Misc : wg1353119,wg1352238,ical16526
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 20 09:05:20 2020
Quant Method : I:\8270SIM\sv119\200319nLVI\SIM-LVI_200214_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 20 08:23:10 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\200319nLVI\ccv0319n.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.010	152	29129	4000.000 ng/ml	# 0.00
Standard Area 1 = 35326			Recovery = 82.46%		
9) Naphthalene-d8	2.674	136	115977	4000.000 ng/ml	0.00
Standard Area 1 = 133210			Recovery = 87.06%		
17) Acenaphthene-d10	3.652	164	63267	4000.000 ng/ml	# 0.00
Standard Area 1 = 70100			Recovery = 90.25%		
21) Phenanthrene-d10	4.495	188	139901	4000.000 ng/ml	0.00
Standard Area 1 = 148797			Recovery = 94.02%		
30) Chrysene-d12	6.038	240	160937	4000.000 ng/ml	0.00
Standard Area 1 = 139663			Recovery = 115.23%		
34) Perylene-d12	7.092	264	168325	4000.000 ng/ml	0.00
Standard Area 1 = 146880			Recovery = 114.60%		
System Monitoring Compounds					
3) 2-Fluorophenol	1.422	112	24973	3129.761 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 62595.22%#		
4) Phenol-d6	1.834	99	27502	2976.108 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 59522.16%#		
8) Nitrobenzene-d5	2.295	82	18285	2142.795 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 85711.80%#		
14) 2-Fluorobiphenyl	3.277	172	46624	1919.382 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 76775.28%#		
20) 2,4,6-Tribromophenol	4.101	330	11296	3827.646 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 76552.92%#		
29) 4-Terphenyl-d14	5.423	244	69813	2692.446 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 107697.84%#		
Target Compounds					Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.	
23) Hexachlorobenzene	0.000		0	N.D.	
31) Benzo[a]anthracene	6.038	228	501	2.232 ng/ml	95
35) Benzo[b]fluoranthene	6.772	252	289M4	6.165 ng/ml	
36) Benzo[k]fluoranthene	6.793	252	291M1	5.856 ng/ml	
37) Benzo[a]pyrene	7.041	252	132	3.184 ng/ml#	54
38) Indeno[1,2,3-cd]pyrene	8.165	276	908	22.422 ng/ml#	69
39) Dibenzo[a,h]anthracene	8.204	278	922	21.492 ng/ml#	72

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\200319nLVI\
Data File : 11627-04.D
Acq On : 20 Mar 2020 03:45 am
Operator : sv119:cb
Sample : 12011627-04,32,,bnext
Misc : wg1353119,wg1352238,ical16526
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 20 09:05:20 2020
Quant Method : I:\8270SIM\sv119\200319nLVI\SIM-LVI_200214_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 20 08:23:10 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\200319nLVI\ccv0319n.D
Sub List : Default - All compounds listed

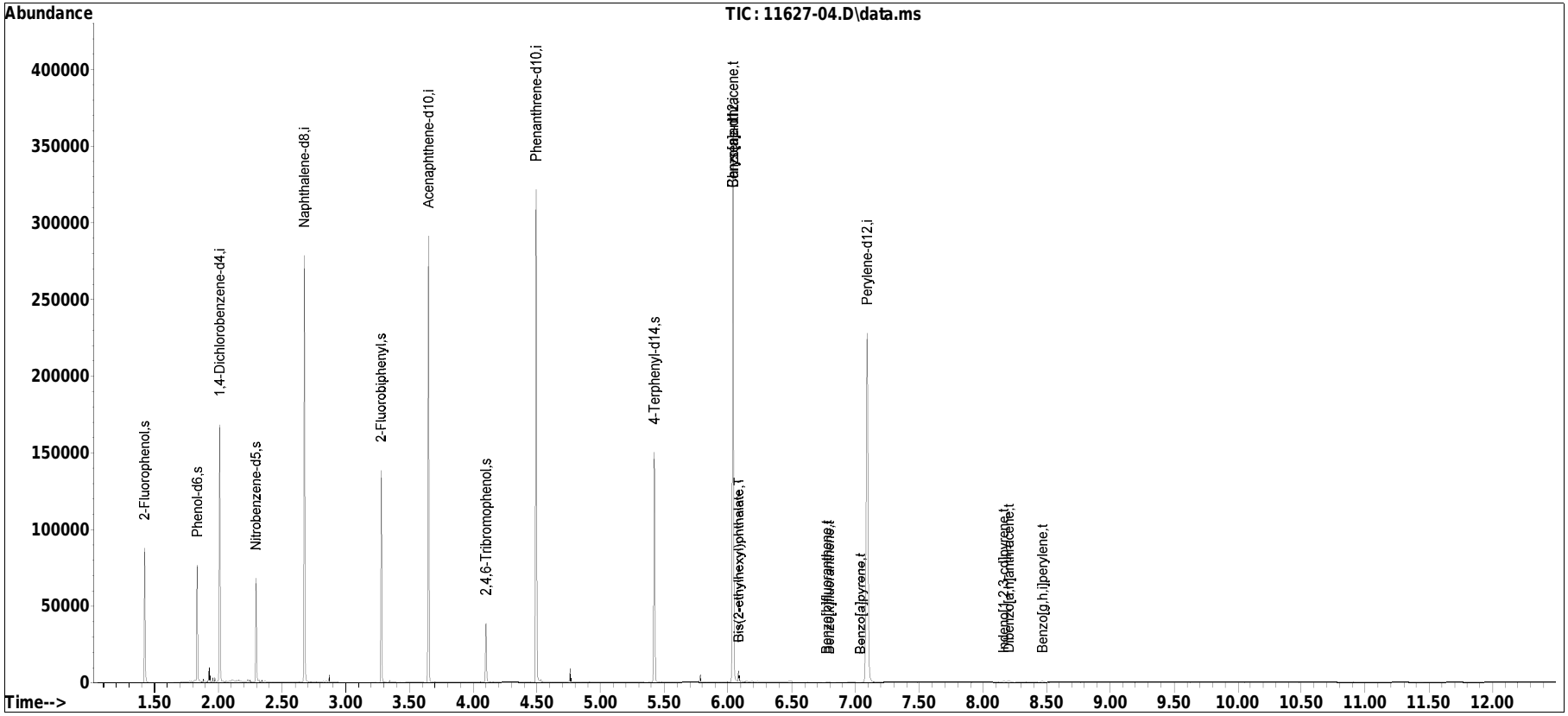
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

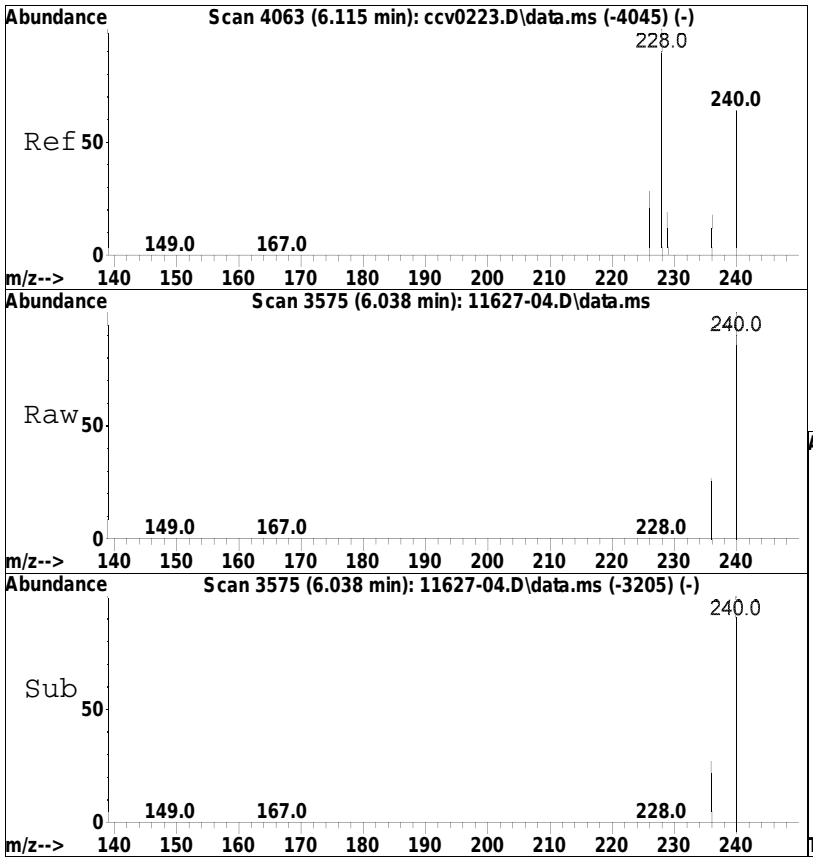
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\200319nLVI\
Data File : 11627-04.D
Acq On : 20 Mar 2020 03:45 am
Operator : sv119:cb
Sample : l2011627-04,32,,bnext
Misc : wg1353119,wg1352238,ical16526
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 20 09:05:20 2020
Quant Method : I:\8270SIM\sv119\200319nLVI\SIM-LVI_200214_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 20 08:23:10 2020
Response via : Initial Calibration

Sub List : Default - All compounds listedI\ccv0319n.D•

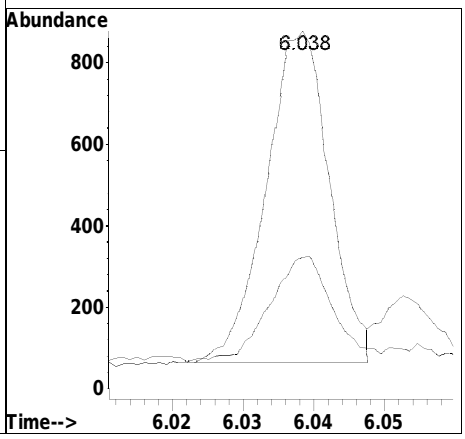


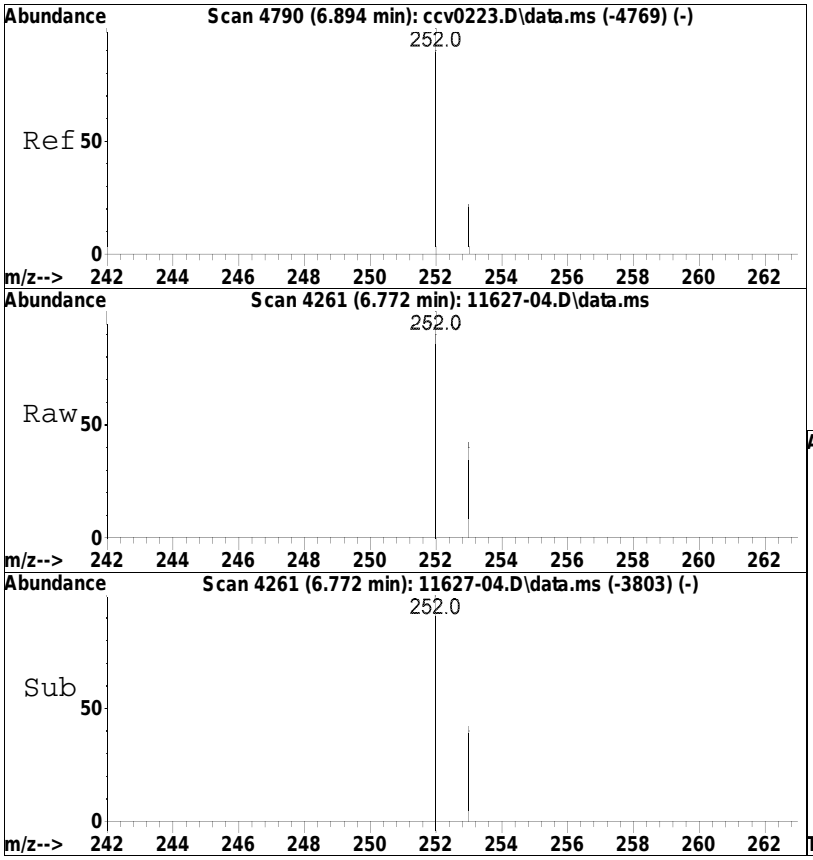


#31
Benzo[a]anthracene
Concen: 2.23 ng/ml
RT: 6.038 min Scan# 3575
Delta R.T. 0.007 min
Lab File: 11627-04.D
Acq: 20 Mar 2020 03:45 am

Tgt Ion:228 Resp: 501

Ion	Ratio	Lower	Upper
228	100		
229	27.1	24.1	36.1

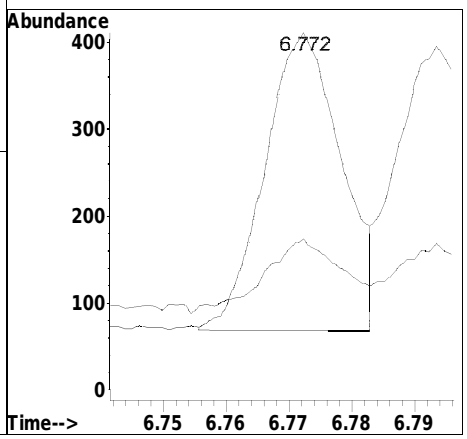


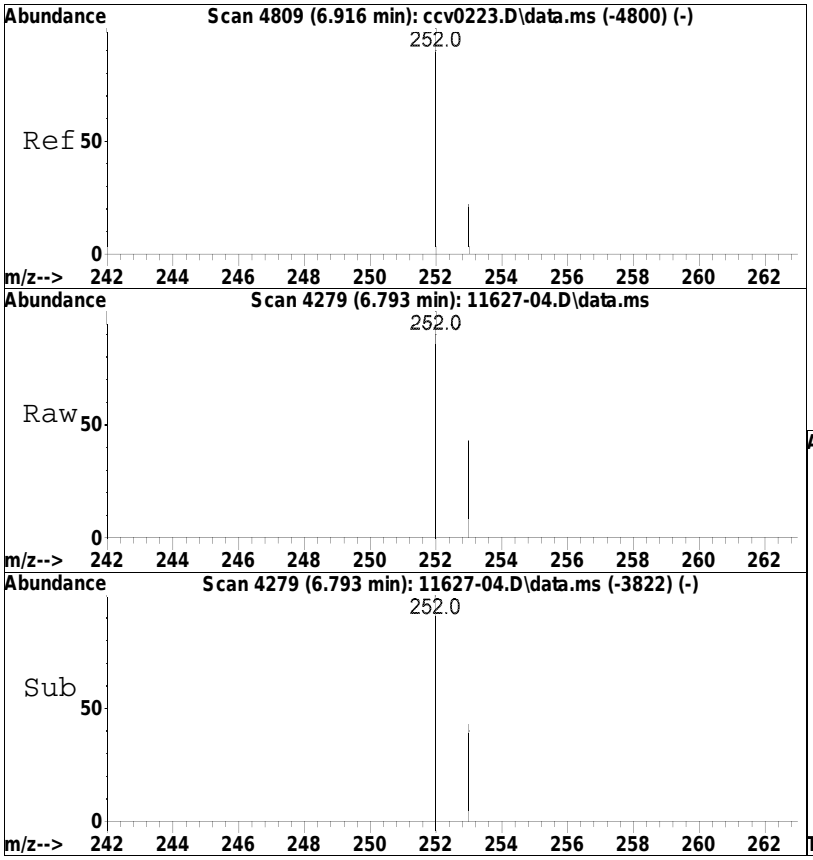


#35
Benzo[b]fluoranthene
Concen: 6.16 ng/ml M4
RT: 6.772 min Scan# 4261
Delta R.T. 0.003 min
Lab File: 11627-04.D
Acq: 20 Mar 2020 03:45 am

Tgt Ion:252 Resp: 289

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.5	26.3#

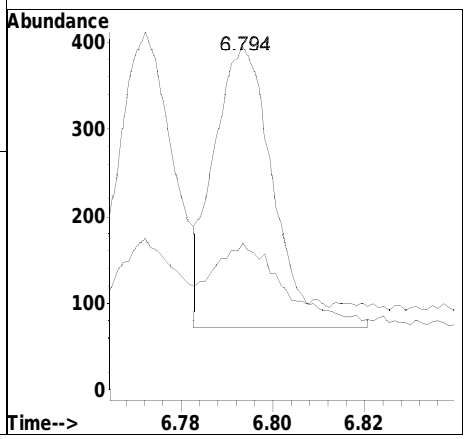


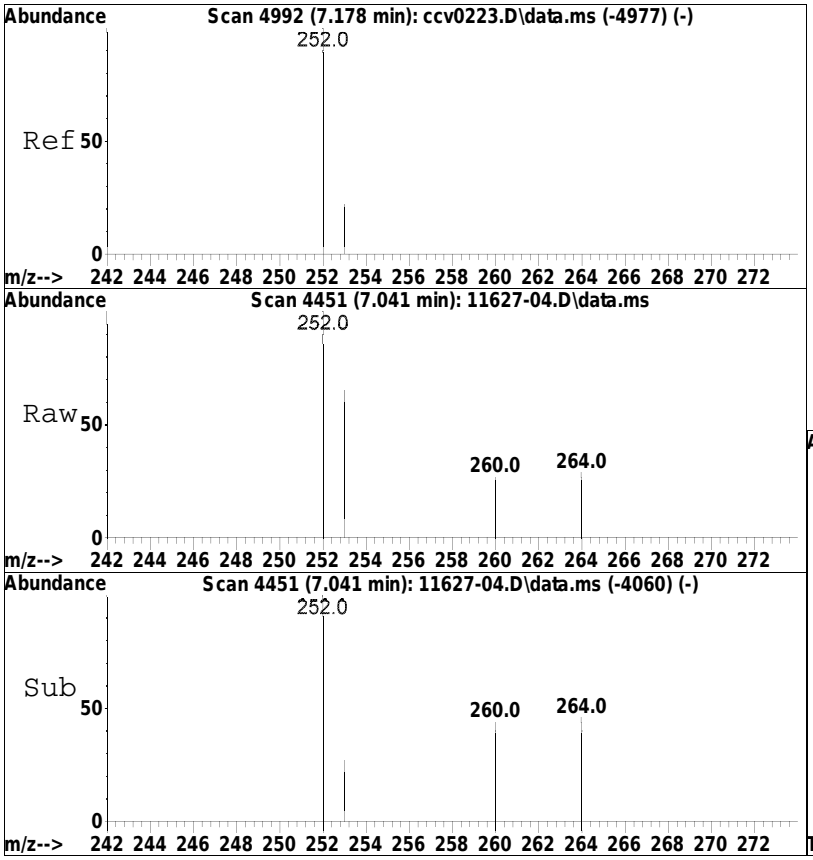


#36
Benzo[k]fluoranthene
Concen: 5.86 ng/ml M1
RT: 6.793 min Scan# 4279
Delta R.T. 0.004 min
Lab File: 11627-04.D
Acq: 20 Mar 2020 03:45 am

Tgt Ion:252 Resp: 291

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.0#

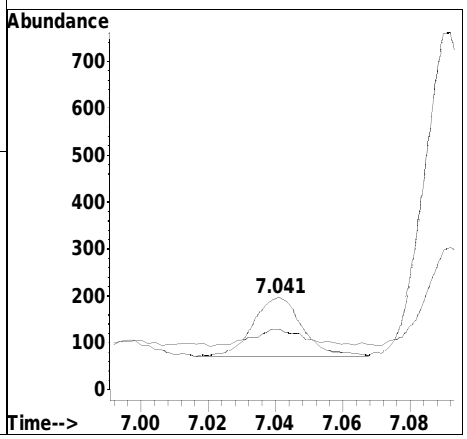


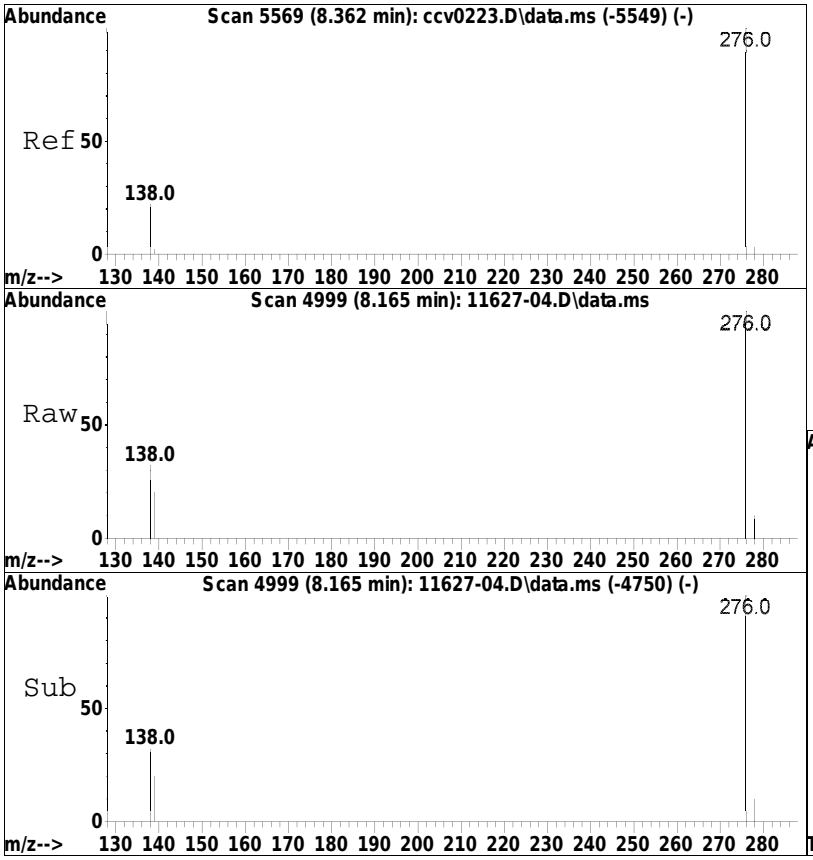


#37
Benzo[a]pyrene
Concen: 3.18 ng/ml
RT: 7.041 min Scan# 4451
Delta R.T. 0.006 min
Lab File: 11627-04.D
Acq: 20 Mar 2020 03:45 am

Tgt Ion:252 Resp: 132

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.3	25.9#

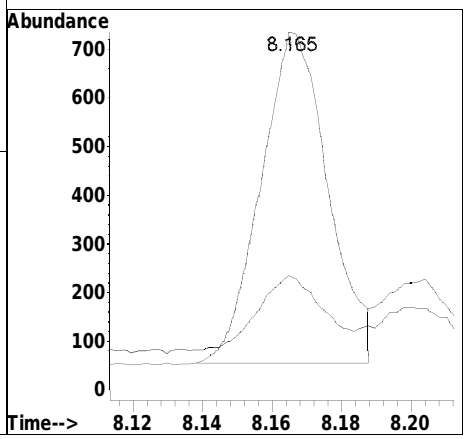


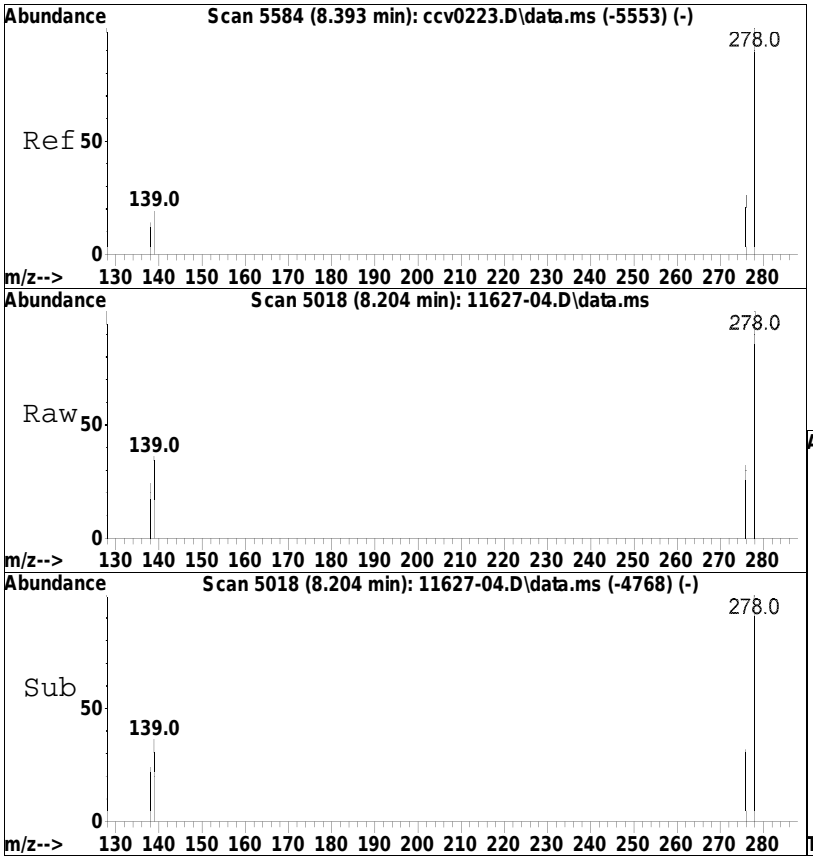


#38
Indeno[1,2,3-cd]pyrene
Concen: 22.42 ng/ml
RT: 8.165 min Scan# 4999
Delta R.T. 0.012 min
Lab File: 11627-04.D
Acq: 20 Mar 2020 03:45 am

Tgt Ion:276 Resp: 908

Ion	Ratio	Lower	Upper
276	100		
138	20.4	31.4	47.2#

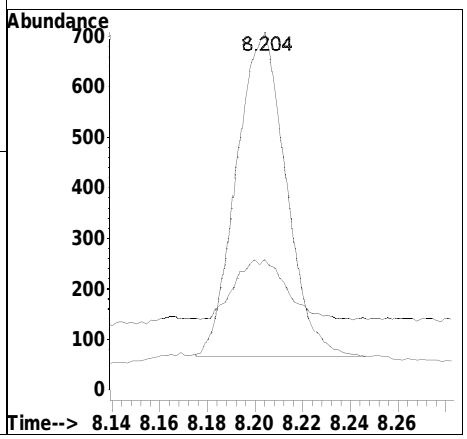




#39
Dibenzo[a,h]anthracene
Concen: 21.49 ng/ml
RT: 8.204 min Scan# 5018
Delta R.T. 0.016 min
Lab File: 11627-04.D
Acq: 20 Mar 2020 03:45 am

Tgt Ion:278 Resp: 922

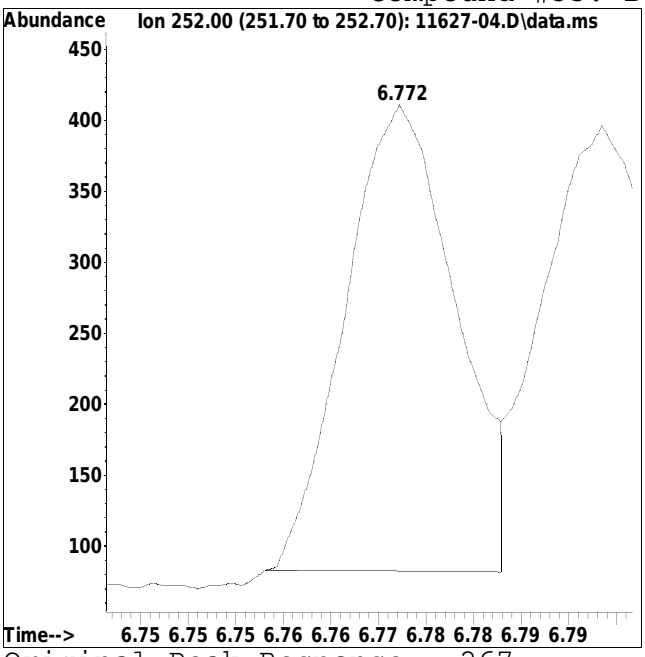
Ion	Ratio	Lower	Upper
278	100		
139	18.8	28.1	42.1#



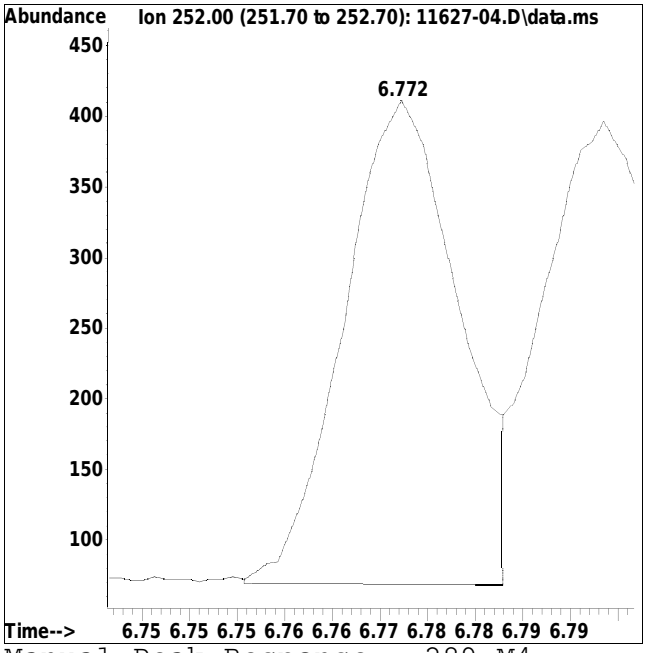
Manual Integration Report

Data Path : I:\8270SIM\sv119\200319nLVQMethod : SIM-LVI_200214_sv119.M
Data File : 11627-04.D Operator : sv119:cb
Date Inj'd : 3/20/2020 3:45 am Instrument : SV119
Sample : 12011627-04,32,,bnext Quant Date : 3/20/2020 8:29 am

Compound #35: Benzo[b]fluoranthene



Original Peak Response = 267



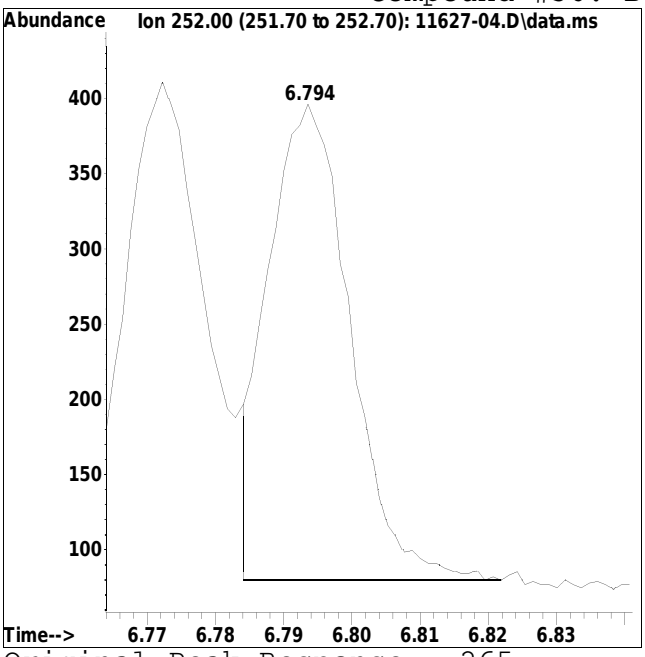
Manual Peak Response = 289 M4

M4 = Poor automated baseline construction.

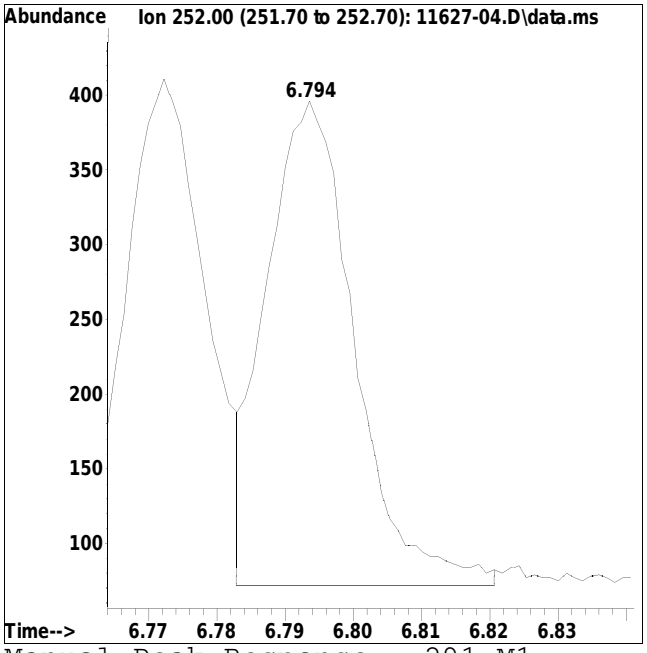
Manual Integration Report

Data Path : I:\8270SIM\sv119\200319nLVQMethod : SIM-LVI_200214_sv119.M
Data File : 11627-04.D Operator : sv119:cb
Date Inj'd : 3/20/2020 3:45 am Instrument : SV119
Sample : 12011627-04,32,,bnext Quant Date : 3/20/2020 8:29 am

Compound #36: Benzo[k]fluoranthene



Original Peak Response = 265



Manual Peak Response = 291 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Method Blank
Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\200319nLVI\
Data File : 352238-1.D
Acq On : 20 Mar 2020 12:22 am
Operator : sv119:cb
Sample : wg1352238-1,32,,nj
Misc : wg1353119,wg1352238,ical16526
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 20 09:43:18 2020
Quant Method : I:\8270SIM\sv119\200319nLVI\SIM-LVI_200214_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 20 08:23:10 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\200319nLVI\ccv0319n.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.015	152	38884	4000.000 ng/ml	# 0.00
Standard Area 1 = 35326			Recovery = 110.07%		
9) Naphthalene-d8	2.675	136	146934	4000.000 ng/ml	0.00
Standard Area 1 = 133210			Recovery = 110.30%		
17) Acenaphthene-d10	3.652	164	78753	4000.000 ng/ml	# 0.00
Standard Area 1 = 70100			Recovery = 112.34%		
21) Phenanthrene-d10	4.494	188	169997	4000.000 ng/ml	0.00
Standard Area 1 = 148797			Recovery = 114.25%		
30) Chrysene-d12	6.034	240	165066	4000.000 ng/ml	0.00
Standard Area 1 = 139663			Recovery = 118.19%		
34) Perylene-d12	7.084	264	174705	4000.000 ng/ml	0.00
Standard Area 1 = 146880			Recovery = 118.94%		
System Monitoring Compounds					
3) 2-Fluorophenol	1.433	112	36614	3437.497 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 68749.94%#		
4) Phenol-d6	1.837	99	40419	3276.609 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 65532.18%#		
8) Nitrobenzene-d5	2.298	82	24241	2128.094 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 85123.76%#		
14) 2-Fluorobiphenyl	3.279	172	62735	2038.504 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 81540.16%#		
20) 2,4,6-Tribromophenol	4.100	330	15662	4263.482 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 85269.64%#		
29) 4-Terphenyl-d14	5.419	244	80607	2558.368 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 102334.72%#		
Target Compounds					Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.	
23) Hexachlorobenzene	0.000		0	N.D.	
31) Benzo[a]anthracene	6.033	228	478	1.494 ng/ml	99
35) Benzo[b]fluoranthene	0.000		0	N.D. d	
36) Benzo[k]fluoranthene	0.000		0	N.D. d	
37) Benzo[a]pyrene	0.000		0	N.D. d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
39) Dibenzo[a,h]anthracene	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\200319nLVI\
Data File : 352238-1.D
Acq On : 20 Mar 2020 12:22 am
Operator : sv119:cb
Sample : wg1352238-1,32,,nj
Misc : wg1353119,wg1352238,ical16526
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 20 09:43:18 2020
Quant Method : I:\8270SIM\sv119\200319nLVI\SIM-LVI_200214_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 20 08:23:10 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\sv119\200319nLVI\ccv0319n.D
Sub List : Default - All compounds listed

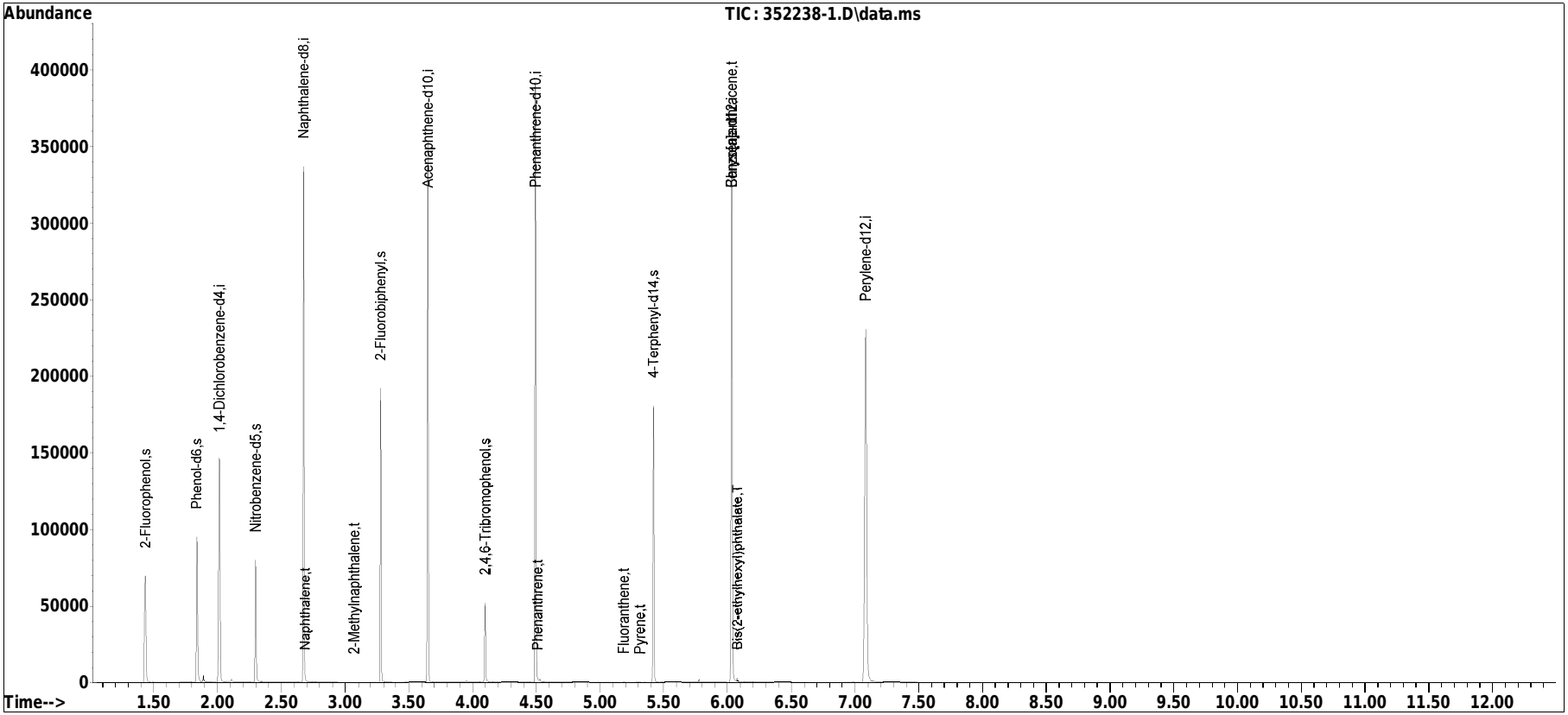
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

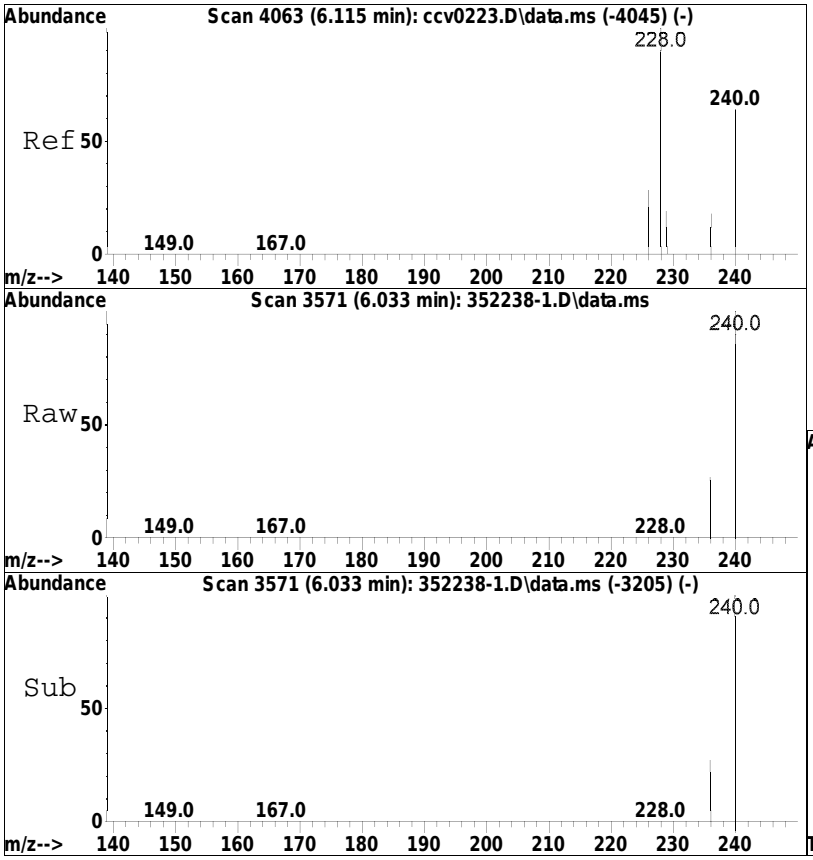
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv119\200319nLVI\
Data File : 352238-1.D
Acq On : 20 Mar 2020 12:22 am
Operator : sv119:cb
Sample : wg1352238-1,32,,nj
Misc : wg1353119,wg1352238,ical16526
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 20 09:43:18 2020
Quant Method : I:\8270SIM\sv119\200319nLVI\SIM-LVI_200214_sv119.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Mar 20 08:23:10 2020
Response via : Initial Calibration

Sub List : Default - All compounds listedI\ccv0319n.D•

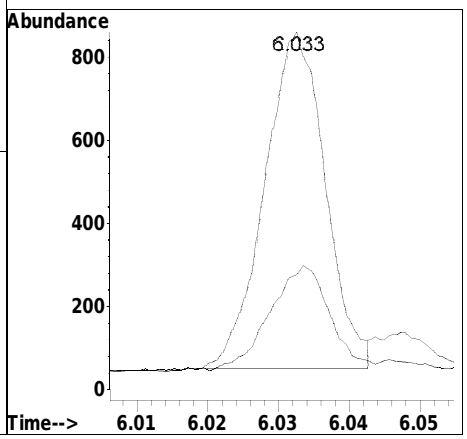




#31
Benzo[a]anthracene
Concen: 1.49 ng/ml
RT: 6.033 min Scan# 3571
Delta R.T. 0.001 min
Lab File: 352238-1.D
Acq: 20 Mar 2020 12:22 am

Tgt Ion:228 Resp: 478

Ion	Ratio	Lower	Upper
228	100		
229	30.8	24.1	36.1



Metals

Inorganic Data
(ICPMS Analysis)

Sample Results Summary

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-01	**Date Collected**	: 03/13/20 10:06
Client ID	: MW-1	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/18/20 21:34
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1352334.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 03/17/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	7.630	2.500	0.8250	
7439-89-6	Iron, Total	13600	250	95.5	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-02	**Date Collected**	: 03/13/20 10:40
Client ID	: MW-2	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/18/20 21:39
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1352334.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 03/17/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	7.629	2.500	0.8250	
7439-89-6	Iron, Total	17800	250	95.5	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-03	**Date Collected**	: 03/13/20 11:07
Client ID	: MW-3	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/18/20 21:44
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1352334.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 03/17/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	3.415	2.500	0.8250	
7439-89-6	Iron, Total	8320	250	95.5	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-04	**Date Collected**	: 03/13/20 11:51
Client ID	: MW-4	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/18/20 21:50
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1352334.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 03/17/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	2.908	2.500	0.8250	
7439-89-6	Iron, Total	4650	250	95.5	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1351558-1	**Date Collected**	: NA
Client ID	: WG1351558-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/18/20 20:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1352334.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 03/17/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	ND	0.5000	0.1650	U
7439-89-6	Iron, Total	ND	50.0	19.1	U

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:	R1295557-2		R1295557-5		R1295557-7		R1295557-9		WG1351558-1	
Date Analyzed	:	03/18/20 08:59		03/18/20 09:24		03/18/20 10:26		03/18/20 11:31		03/18/20 20:28	
Parameter		ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q
Arsenic		0.165	U	0.165	U	0.165	U	0.165	U	0.1650	U
Iron		28.1	J	42.7	J	39.6	J	42.5	J	19.1	U

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1295557-12		R1295557-14		R1295557-16			
Date Analyzed :			03/18/20 12:33		03/18/20 13:35		03/18/20 14:36			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Arsenic			0.165	U	0.165	U	0.165	U		
Iron			34.8	J	35.8	J	37.1	J		

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1295557-18		R1295557-20		R1295557-22			
Date Analyzed :			03/18/20 15:39		03/18/20 16:40		03/18/20 17:41			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Arsenic			0.165	U	0.165	U	0.165	U		
Iron			50.4		41.4	J	48.7	J		

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1295557-24		R1295557-26		R1295557-28			
Date Analyzed :			03/18/20 18:43		03/18/20 20:23		03/18/20 21:24			
Parameter	**ug/l**	**Q**	**ug/l**	**Q**	**ug/l**	**Q**	**ug/l**	**Q**		**Q**
Arsenic			0.165	U	0.165	U	0.165	U		
Iron			40.0	J	41.0	J	43.9	J		

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1295557-30							
Date Analyzed :			03/18/20 22:25							
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Arsenic			0.165	U						
Iron			42.6	J						

Calibration Summary

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ	**Units**	: ug/l

		Initial Calibration			Continuing Calibration(s)						
Lab ID	:	R1295557-1			R1295557-4			R1295557-6		R1295557-8	
Date Analyzed	:	03/18/20 08:53			03/18/20 09:19			03/18/20 10:21		03/18/20 11:24	
Parameter		**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic		50.0	48.1000	96	60.0000	59.8	100	59.8	100	60.4	101
Iron		5000	4900.0000	98	6000.0000	5870	98	5770	96	5940	99

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1295557-11			R1295557-13		R1295557-15	
Date Analyzed :				03/18/20 12:28			03/18/20 13:30		03/18/20 14:31	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic				60.0000	59.3	99	57.5	96	56.0	93
Iron				6000.0000	5790	96	5870	98	5640	94

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1295557-17			R1295557-19		R1295557-21	
Date Analyzed :				03/18/20 15:34			03/18/20 16:35		03/18/20 17:36	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic				60.0000	57.3	96	57.7	96	57.3	96
Iron				6000.0000	5650	94	5710	95	5740	96

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1295557-23			R1295557-25		R1295557-27	
Date Analyzed :				03/18/20 18:38			03/18/20 20:18		03/18/20 21:19	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic				60.0000	58.2	97	57.3	96	59.1	98
Iron				6000.0000	5730	96	5620	94	5810	97

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1295557-29						
Date Analyzed :				03/18/20 22:20						
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic				60.0000	57.6	96				
Iron				6000.0000	5880	98				

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

ICP Interference Check Sample Results Summary

Form 4a
Interference Check Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ	**Concentration Units**	: ug/l

	True		Initial Found				Final Found			
Lab ID :			R1295557-3							
Analysis Date :			03/18/20 09:09							
Analyte	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Arsenic			0.160							
Iron	50000		48500	97						

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020

ICSA: 80-120%

ICSAB: 80-120%

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1351558-2	**LCS Analysis Date**	: 03/18/20 20:33
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ug/l)**	**Found (ug/l)**	**%R**	**True (ug/l)**	**Found (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Arsenic, Total	120.	122.	102.					80-120	20
Iron, Total	1000	1040	104.					80-120	20

Internal Standard Summary

Form 15
ICP-MS Internal Standards Relative Intensity Summary

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ	**Analysis Method**	: 1,6020B
Start Date	: 03/18/20	**End Date**	: 03/18/20

Sample #	Time	Internal Standards %RI For:				
		Lithium	Scandium	Ge	In	Bismuth
R1295557-1 ICV	08:53:14	99	106	95	99	102
R1295557-2 ICB	08:59:12	93	94	88	91	97
R1295557-3 ICSA	09:09:30	99	116	100	100	98
R1295557-4 CCV	09:19:43	98	107	95	97	102
R1295557-5 CCB	09:24:52	91	92	90	92	98
R1295557-6 CCV	10:21:25	88	96	92	94	96
R1295557-7 CCB	10:26:23	81	82	88	90	94
R1295557-8 CCV	11:24:41	136	142	138	129	116
R1295557-9 CCB	11:31:45	124	122	126	120	113
R1295557-11 CCV	12:28:40	75	83	81	89	99
R1295557-12 CCB	12:33:48	70	71	78	85	93
R1295557-13 CCV	13:30:37	78	87	89	95	101
R1295557-14 CCB	13:35:46	73	74	86	89	95
R1295557-15 CCV	14:31:48	77	88	89	94	102
R1295557-16 CCB	14:36:57	72	75	80	86	97
R1295557-17 CCV	15:34:15	79	88	89	93	100
R1295557-18 CCB	15:39:24	74	79	83	90	96
R1295557-19 CCV	16:35:29	85	97	92	96	103
R1295557-20 CCB	16:40:38	82	86	87	92	98
R1295557-21 CCV	17:36:46	94	104	95	99	102
R1295557-22 CCB	17:41:55	77	78	85	89	96
R1295557-23 CCV	18:38:01	118	128	117	116	114
R1295557-24 CCB	18:43:10	97	99	102	103	105
R1295557-25 CCV	20:18:03	88	104	94	100	105
R1295557-26 CCB	20:23:11	77	83	84	91	96
WG1351558-1 BLANK	20:28:29	81	80	87	93	98
WG1351558-2 LCS	20:33:34	79	85	87	94	102

Form 15
ICP-MS Internal Standards Relative Intensity Summary

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ	**Analysis Method**	: 1,6020B
Start Date	: 03/18/20	**End Date**	: 03/18/20

Sample #	Time	Internal Standards %RI For:				
		Lithium	Scandium	Ge	In	Bismuth
R1295557-27 CCV	21:19:24	85	99	86	94	104
R1295557-28 CCB	21:24:32	74	80	78	85	96
L2011627-01	21:34:46	87	91	91	98	102
L2011627-02	21:39:52	86	89	89	97	101
L2011627-03	21:44:57	84	90	89	96	98
L2011627-04	21:50:03	82	84	86	94	99
R1295557-29 CCV	22:20:37	79	93	80	87	96
R1295557-30 CCB	22:25:45	70	73	73	80	88

Run Logs

Form 13
Analysis Run Log

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ	**Analysis Method**	: 1,6020B
Start Date	: 03/18/20 07:57	**End Date**	: 03/18/20 22:25

Sample Number	Dilution Factor	Analysis Time	Arsenic, Total	Iron, Total
R1295557-10 TUNE		07:57:00		
R1295557-1 ICV	1	08:53:14	X	X
R1295557-2 ICB	1	08:59:12	X	X
R1295557-3 ICSA	1	09:09:30	X	X
R1295557-4 CCV	1	09:19:43	X	X
R1295557-5 CCB	1	09:24:52	X	X
R1295557-6 CCV	1	10:21:25	X	X
R1295557-7 CCB	1	10:26:23	X	X
R1295557-8 CCV	1	11:24:41	X	X
R1295557-9 CCB	1	11:31:45	X	X
R1295557-11 CCV	1	12:28:40	X	X
R1295557-12 CCB	1	12:33:48	X	X
R1295557-13 CCV	1	13:30:37	X	X
R1295557-14 CCB	1	13:35:46	X	X
R1295557-15 CCV	1	14:31:48	X	X
R1295557-16 CCB	1	14:36:57	X	X
R1295557-17 CCV	1	15:34:15	X	X
R1295557-18 CCB	1	15:39:24	X	X
R1295557-19 CCV	1	16:35:29	X	X
R1295557-20 CCB	1	16:40:38	X	X
R1295557-21 CCV	1	17:36:46	X	X
R1295557-22 CCB	1	17:41:55	X	X
R1295557-23 CCV	1	18:38:01	X	X
R1295557-24 CCB	1	18:43:10	X	X
R1295557-25 CCV	1	20:18:03	X	X
R1295557-26 CCB	1	20:23:11	X	X
WG1351558-1 BLANK	1	20:28:29	X	X

Form 13
Analysis Run Log

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ	**Analysis Method**	: 1,6020B
Start Date	: 03/18/20 07:57	**End Date**	: 03/18/20 22:25

Sample Number	Dilution Factor	Analysis Time	Arsenic, Total	Iron, Total
WG1351558-2 LCS	5	20:33:34	X	X
R1295557-27 CCV	1	21:19:24	X	X
R1295557-28 CCB	1	21:24:32	X	X
L2011627-01	5	21:34:46	X	X
L2011627-02	5	21:39:52	X	X
L2011627-03	5	21:44:57	X	X
L2011627-04	5	21:50:03	X	X
R1295557-29 CCV	1	22:20:37	X	X
R1295557-30 CCB	1	22:25:45	X	X

Digestion Logs
ICPMS

Form 12
Preparation Log

Client	:	**Lisko Environmental, LLC**	**Lab Number**	:	**L2011627**
Project Name	:	**FORMER PISTOIA TIRE CO INC.**	**Project Number**	:	**0064-4**
Matrix	:	**WATER**	**Prep Method**	:	**EPA 3005A**

Sample Number	Preparation Date	Weight (gram)	Volume (mL)
L2011627-01	03/17/20 19:12	-	50
L2011627-02	03/17/20 19:12	-	50
L2011627-03	03/17/20 19:12	-	50
L2011627-04	03/17/20 19:12	-	50
WG1351558-1	03/17/20 19:12	-	50
WG1351558-2	03/17/20 19:12	-	50

Wet Chemistry

Sulfate Analysis

Results Summary

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-01	**Date Collected**	: 03/13/20 10:06
Client ID	: MW-1	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/17/20 16:58
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,9038	**Analyst**	: BR
Lab File ID	: WG1351947.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 03/17/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	20000	2700	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-02	**Date Collected**	: 03/13/20 10:40
Client ID	: MW-2	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/17/20 16:58
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,9038	**Analyst**	: BR
Lab File ID	: WG1351947.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 03/17/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	50000	6800	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-03	**Date Collected**	: 03/13/20 11:07
Client ID	: MW-3	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/17/20 16:58
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,9038	**Analyst**	: BR
Lab File ID	: WG1351947.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 03/17/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	20000	2700	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-04	**Date Collected**	: 03/13/20 11:51
Client ID	: MW-4	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/17/20 16:58
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: BR
Lab File ID	: WG1351947.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 03/17/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	31000	10000	1400	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1351947-1	**Date Collected**	: NA
Client ID	: WG1351947-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/17/20 16:58
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: BR
Lab File ID	: WG1351947.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 03/17/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	10000	1400	U

Calibration Summary

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SPEC 2	**Units**	: mg/l

		Initial Calibration			Continuing Calibration(s)						
Lab ID	:	R1295198-2			R1295198-3						
Date Analyzed	:	03/17/20 16:58			03/17/20 16:58						
Parameter		**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Sulfate		20.000	18.200	91	20.000	20.000	100				

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SPEC 2		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :	R1295198-1		R1295198-4						WG1351947-1	
Date Analyzed :	03/17/20 16:58		03/17/20 16:58						03/17/20 16:58	
Parameter	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q	ug/l	Q
Sulfate	1.37	U	1.40	J					1400	U

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1351947-2	**LCS Analysis Date**	: 03/17/20 16:58
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ug/l)**	**Found (ug/l)**	**%R**	**True (ug/l)**	**Found (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Sulfate	20000	18000	90.					90-110	14

Nitrate and Nitrite Analysis

Results Summary

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-01	**Date Collected**	: 03/13/20 10:06
Client ID	: MW-1	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/14/20 07:00
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_3-14-2020_05-15-42AM-1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	60.0	50.0	14.3	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-02	**Date Collected**	: 03/13/20 10:40
Client ID	: MW-2	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/14/20 07:05
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_3-14-2020_05-15-42AM-1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	59.4	50.0	14.3	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-03	**Date Collected**	: 03/13/20 11:07
Client ID	: MW-3	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/14/20 07:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_3-14-2020_05-15-42AM-1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	61.8	50.0	14.3	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-04	**Date Collected**	: 03/13/20 11:51
Client ID	: MW-4	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/14/20 07:07
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_3-14-2020_05-15-42AM-1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	41.1	50.0	14.3	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1350986-1	**Date Collected**	: NA
Client ID	: WG1350986-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/14/20 06:52
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_3-14-2020_05-15-42AM-1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	17.3	50.0	14.3	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-01	**Date Collected**	: 03/13/20 10:06
Client ID	: MW-1	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/14/20 07:00
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_3-14-2020_05-15-42AM-1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	314.	100	32.8	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-02	**Date Collected**	: 03/13/20 10:40
Client ID	: MW-2	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/14/20 07:05
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_3-14-2020_05-15-42AM-1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	232.	100	32.8	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-03	**Date Collected**	: 03/13/20 11:07
Client ID	: MW-3	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/14/20 07:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_3-14-2020_05-15-42AM-1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	155.	100	32.8	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-04	**Date Collected**	: 03/13/20 11:51
Client ID	: MW-4	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/14/20 07:07
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_3-14-2020_05-15-42AM-1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	90.4	100	32.8	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1350985-1	**Date Collected**	: NA
Client ID	: WG1350985-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/14/20 06:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_3-14-2020_05-15-42AM-1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	ND	100	32.8	U

Calibration Summary

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT	**Units**	: mg/l

		Initial Calibration			Continuing Calibration(s)						
Lab ID	:	R1294161-5			R1294161-19			R1294161-22		R1294161-25	
Date Analyzed	:	03/14/20 05:39			03/14/20 06:46			03/14/20 07:02		03/14/20 07:28	
Parameter		**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
No2		5.000	4.780	96	1.000	0.988	99	0.988	99	0.992	99

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT	**Units**	: mg/l

		Initial Calibration			Continuing Calibration(s)						
Lab ID	:	R1294161-6			R1294161-18			R1294161-21		R1294161-24	
Date Analyzed	:	03/14/20 05:41			03/14/20 06:44			03/14/20 07:01		03/14/20 07:26	
Parameter		**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
No3		0.500	0.484	97	1.000	0.981	98	0.970	97	0.978	98

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT4		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:	R1294161-8		R1294161-20		R1294161-23		R1294161-26		WG1350986-1	
Date Analyzed	:	03/14/20 05:43		03/14/20 06:47		03/14/20 07:04		03/14/20 07:29		03/14/20 06:52	
Parameter		mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q	ug/l	Q
Nitrogen, Nitrite										17.3	J
NO2		0.0156		0.0217		0.0158		0.0130			
NO3		ND		0.00990		0.0185		ND			

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT4		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:	R1294161-8		R1294161-20		R1294161-23		R1294161-26		WG1350985-1	
Date Analyzed	:	03/14/20 05:43		03/14/20 06:47		03/14/20 07:04		03/14/20 07:29		03/14/20 06:49	
Parameter		mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q	ug/l	Q
Nitrogen, Nitrate										32.8	U
NO2		0.0156		0.0217		0.0158		0.0130			
NO3		ND		0.00990		0.0185		ND			

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1350986-2	**LCS Analysis Date**	: 03/14/20 06:53
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ug/l)**	**Found (ug/l)**	**%R**	**True (ug/l)**	**Found (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Nitrogen, Nitrite	**5000**	**4760**	**95.**					**90-110**	**20**

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1350985-2	**LCS Analysis Date**	: 03/14/20 06:51
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ug/l)**	**Found (ug/l)**	**%R**	**True (ug/l)**	**Found (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Nitrogen, Nitrate	**5000**	**4700**	**94.**					**90-110**	**17**

Alkalinity Analysis

Results Summary

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-01	**Date Collected**	: 03/13/20 10:06
Client ID	: MW-1	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/14/20 04:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: BR
Lab File ID	: WG1351060.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	75000	2000	NA	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-02	**Date Collected**	: 03/13/20 10:40
Client ID	: MW-2	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/14/20 04:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: BR
Lab File ID	: WG1351060.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	124000	2000	NA	

Form 1
WETCHEM

Client	:	Lisko Environmental, LLC	**Lab Number**	:	L2011627
Project Name	:	FORMER PISTOIA TIRE CO INC.	**Project Number**	:	0064-4
Lab ID	:	L2011627-03	**Date Collected**	:	03/13/20 11:07
Client ID	:	MW-3	**Date Received**	:	03/13/20
Sample Location	:	6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	:	03/14/20 04:31
Sample Matrix	:	WATER	**Dilution Factor**	:	1
Analytical Method	:	121,2320B	**Analyst**	:	BR
Lab File ID	:	WG1351060.csv	**Instrument ID**	:	
Sample Amount	:		**%Solids**	:	N/A
Digestion Method	:		**Date Digested**	:	

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	64100	2000	NA	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2011627-04	**Date Collected**	: 03/13/20 11:51
Client ID	: MW-4	**Date Received**	: 03/13/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 03/14/20 04:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: BR
Lab File ID	: WG1351060.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	48200	2000	NA	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1351060-1	**Date Collected**	: NA
Client ID	: WG1351060-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 03/14/20 04:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: BR
Lab File ID	: WG1351060.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	ND	2000	NA	U

Blank Results Summary

Form 3
Blanks

Client	:	**Lisko Environmental, LLC**	**Lab Number**	:	**L2011627**
Project Name	:	**FORMER PISTOIA TIRE CO INC.**	**Project Number**	:	**0064-4**
Instrument ID	:				

	Initial Calibration Blank	Continuing Calibration Blank(s)			Preparation Blank	
Lab ID :					**WG1351060-1**	
Date Analyzed :					**03/14/20 04:31**	
Parameter	**ug caco3/l Q**	**ug caco3/l Q**	**ug caco3/l Q**	**ug caco3/l Q**	**ug caco3/l**	**Q**
Alkalinity, Total					**2000**	**U**

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2011627
Project Name	: FORMER PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1351060-2	**LCS Analysis Date**	: 03/14/20 04:31
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
	True	Found	%R	True	Found	%R	RPD	Recovery	RPD
Parameter	(ug CaCO3/L)	(ug CaCO3/L)		(ug CaCO3/L)	(ug CaCO3/L)			Limits	Limit
Alkalinity, Total	100000	103000	103.					90-110	10

ALPHA ANALYTICAL

World Class Chemistry

www.alphalab.com

Lab Number: L2017383

Client: Lisko Environmental, LLC

ATTN: Jonathan Lisko

Project Name: PISTOIA TIRE CO INC.

Project Number: 0064-4

ANALYTICAL DATA PACKAGE FOR THE
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON NEW JERSEY 08625

Agency/Division:	**Bureau/Office:**
Project No: 0064-4	**Contract No:**
Laboratory: Alpha Analytical	**Laboratory Location:** Westborough, Ma.
	Laboratory Phone Number: (508) 898-9220
SDG No: L2017383	**NJDEP Certification #:** MA015/MA935
Date of First Sample Receipt: 04/27/2020	**Date of Last Sample Receipt:** 04/27/2020

Agency Sample Number	Laboratory Sample Number	Sample Location	Date/Time of Collection
MW-1	L2017383-01	PISTOIA TIRE CO INC.	04/27/2020 08:56
MW-2	L2017383-02	PISTOIA TIRE CO INC.	04/27/2020 09:51
MW-3	L2017383-03	PISTOIA TIRE CO INC.	04/27/2020 11:41
MW-4	L2017383-04	PISTOIA TIRE CO INC.	04/27/2020 10:46
FIELD BLANK	L2017383-05	PISTOIA TIRE CO INC.	04/27/2020 08:00
TRIP BLANK	L2017383-06	PISTOIA TIRE CO INC.	04/24/2020 00:00

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on disk or electronically has been authorized by the laboratory director or his/her designee, as verified by the following signature.

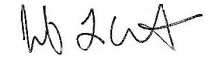
Technical Director/Representative (Typed)	Jen Clements	05/04/20
Technical Director/Representative (Signature)		

Table of Contents

Table of Contents

Table of Contents

Chain of Custody

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL LABORATORIES

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 4/28/20

ALPHA Job #: L2017383

Client Information
Client: Lisko Environmental, LLC
Address: 1300 Main St, PO Box 083
Belmar, NJ 07719
Phone:
Fax:
Email: Khalil@liskoenv.com

Project Information
Project Name: Pistola Tire Co
Project Location: 6380 Black Horse Pike, Mays Landing, NJ
Project #
(Use Project name as Project #) ☐
Project Manager: Khalil Abbaszadeh
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Deliverables
☑ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☑ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information
☐

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC+15	BN+15	Alkalinity	NO2	NO3	SO4	Fe, As	Sample Specific Comments	Total Bottles
17383-01	MW-1	4/27/20	856	GW	MS	X	X	X	X	X	X	X		8
-02	MW-2	4/27/20	951	GW	MS	X	X	X	X	X	X	X		8
-03	MW-3	4/27/20	1141	GW	MS	X	X	X	X	X	X	X		8
-04	MW-4	4/27/20	1046	GW	MS	X	X	X	X	X	X	X		8
-05	Field Blank	4/27/20	800	FB	MS	X								3
-06	Trip Blank	4/24/20	1150	TB	lab	X								2

Container Type: V A P P P P P
Preservative: B A A A A A C

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	4/27/20		4-27-20 1750
	1800		4-27-20 1800
	4-27-20 1930		4/27/20 2130
	4/28/20 0140		4/28/20 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-14 (rev. 30-Sept-2013)

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
May 04 2020, 03:06 pm

Login Number: L2017383
Account: LISKOENV Lisko Environmental, LLCProject: 0064-4
Received: 27APR20 Due Date: 04MAY20

Sample #	Client ID	Mat	PR	Collected
L2017383-01	MW-1	S	0	27APR20 08:56
| NJ-RED Package Due Date: 05/04/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NJ-RED,NJDEP,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2017383-02	MW-2	S	0	27APR20 09:51
| Package Due Date: 05/04/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2017383-03	MW-3	S	0	27APR20 11:41
| Package Due Date: 05/04/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2017383-04	MW-4	S	0	27APR20 10:46
| Package Due Date: 05/04/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2017383-05	FIELD BLANK	S	0	27APR20 08:00
| Package Due Date: 05/04/20				
NJ-8260				
L2017383-06	TRIP BLANK	S	0	24APR20 00:00
| Package Due Date: 05/04/20				

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
May 04 2020, 03:06 pm

Login Number: L2017383

Account: LISKOENV Lisko Environmental, LLCProject: 0064-4

Received: 27APR20 Due Date: 04MAY20

Sample #	Client ID	Mat	PR	Collected

NJ-8260

Logged By: Nadine Yakes

ALPHA ANALYTICAL LABORATORIES
Container Tracking Report

Container ID	Type	Status	Transaction Date	From Response	From Location	From Operator	To Response	To Location	To Operator
L2017383-01A	Vial-B	INTACT	01-MAY-20	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L2017383-01A	Vial-B	INTACT	30-APR-20	CUSTODY	V56-16 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L2017383-01A	Vial-B	INTACT	28-APR-20	CUSTODY	V65-14 CUSTODY	Geoffry Grace	V56-16 CUSTODY	V56-16 CUSTODY	Geoffry Grace
L2017383-01A	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-14 CUSTODY	V65-14 CUSTODY	Geoffry Grace
L2017383-01A	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-01B	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Richard Scott	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Richard Scott
L2017383-01B	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-01C	Vial-B	INTACT	30-APR-20	CUSTODY	V65-18 CUSTODY	Geoffry Grace	V65-26 CUSTODY	V65-26 CUSTODY	Geoffry Grace
L2017383-01C	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-18 CUSTODY	V65-18 CUSTODY	Geoffry Grace
L2017383-01C	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-01D	Plastic-NH.25	INTACT	30-APR-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W15-S5-A CUSTODY	W15-S5-A CUSTODY	Phillip Renaud
L2017383-01D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	WETCHEM	Matthew Cormier	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Matthew Cormier
L2017383-01D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	W13-S5-D CUSTODY	Matthew Cormier	WETCHEM	WETCHEM	Matthew Cormier
L2017383-01D	Plastic-NH.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W13-S5-D CUSTODY	W13-S5-D CUSTODY	Geoffry Grace
L2017383-01D	Plastic-NH.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-01E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Geoffry Grace	W13-S5-A CUSTODY	W13-S5-A CUSTODY	Geoffry Grace
L2017383-01E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	WETCHEM	Mitchell Vonachen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Mitchell Vonachen
L2017383-01E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	W13-S4-D CUSTODY	Mitchell Vonachen	WETCHEM	WETCHEM	Mitchell Vonachen
L2017383-01E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W13-S4-D CUSTODY	W13-S4-D CUSTODY	Sam Bardsley
L2017383-01E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	WETCHEM	Deb Whelan	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Deb Whelan
L2017383-01E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2017383-01E	Plastic-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-01F	Plastic-C.25	INTACT	28-APR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Owen Leeser	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Owen Leeser
L2017383-01F	Plastic-C.25	INTACT	28-APR-20	CUSTODY	A2-CUSTODY	Owen Leeser	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Owen Leeser
L2017383-01F	Plastic-C.25	INTACT	28-APR-20	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Theodore Huddleson

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2017383-01F	Plastic-C.25	INTACT	28-APR-20	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFI	
L2017383-01F	Plastic-C.25	INTACT	28-APR-20		CUSTODY	Wendy Morency	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Moren
L2017383-01F	Plastic-C.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-01G	Amber-A.25	EMPTY	28-APR-20		ORGPREP	William Fleckenstein	CUSTODY	CUSTODY	William Fleckenstein
L2017383-01G	Amber-A.25	INTACT	28-APR-20		W25-S2-B CUSTODY	Michael Plante	ORGPREP	ORGPREP	Michael Plante
L2017383-01G	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-01G	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-01H	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-01H	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02A	Vial-B	INTACT	01-MAY-20	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L2017383-02A	Vial-B	INTACT	30-APR-20	CUSTODY	V56-16 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L2017383-02A	Vial-B	INTACT	28-APR-20	CUSTODY	V65-14 CUSTODY	Geoffry Grace	V56-16 CUSTODY	V56-16 CUSTODY	Geoffry Grace
L2017383-02A	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-14 CUSTODY	V65-14 CUSTODY	Geoffry Grace
L2017383-02A	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02B	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Richard Scott	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Richard Scott
L2017383-02B	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02C	Vial-B	INTACT	30-APR-20	CUSTODY	V65-18 CUSTODY	Geoffry Grace	V65-26 CUSTODY	V65-26 CUSTODY	Geoffry Grace
L2017383-02C	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-18 CUSTODY	V65-18 CUSTODY	Geoffry Grace
L2017383-02C	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02D	Plastic-NH.25	INTACT	30-APR-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W15-S5-A CUSTODY	W15-S5-A CUSTODY	Phillip Renaud
L2017383-02D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	WETCHEM	Matthew Cormier	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Matthew Cormier
L2017383-02D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	W13-S5-D CUSTODY	Matthew Cormier	WETCHEM	WETCHEM	Matthew Cormier
L2017383-02D	Plastic-NH.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W13-S5-D CUSTODY	W13-S5-D CUSTODY	Geoffry Grace
L2017383-02D	Plastic-NH.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Geoffry Grace	W13-S5-A CUSTODY	W13-S5-A CUSTODY	Geoffry Grace

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2017383-02E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	WETCHEM	Mitchell Vonachen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Mitchell Vonachen
L2017383-02E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	W13-S4-D CUSTODY	Mitchell Vonachen	WETCHEM	WETCHEM	Mitchell Vonachen
L2017383-02E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W13-S4-D CUSTODY	W13-S4-D CUSTODY	Sam Bardsley
L2017383-02E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	WETCHEM	Deb Whelan	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Deb Whelan
L2017383-02E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2017383-02E	Plastic-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02F	Plastic-C.25	INTACT	28-APR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Owen Leeser	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Owen Leeser
L2017383-02F	Plastic-C.25	INTACT	28-APR-20	CUSTODY	A2-CUSTODY	Owen Leeser	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Owen Leeser
L2017383-02F	Plastic-C.25	INTACT	28-APR-20	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Theodore Huddleson
L2017383-02F	Plastic-C.25	INTACT	28-APR-20	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFI	
L2017383-02F	Plastic-C.25	INTACT	28-APR-20		CUSTODY	Wendy Morency	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Moren
L2017383-02F	Plastic-C.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02G	Amber-A.25	EMPTY	28-APR-20		ORGPREP	William Fleckenstein	CUSTODY	CUSTODY	William Fleckenstein
L2017383-02G	Amber-A.25	INTACT	28-APR-20		W25-S2-B CUSTODY	Michael Plante	ORGPREP	ORGPREP	Michael Plante
L2017383-02G	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-02G	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02H	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-02H	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-03A	Vial-B	INTACT	01-MAY-20	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L2017383-03A	Vial-B	INTACT	30-APR-20	CUSTODY	V56-16 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L2017383-03A	Vial-B	INTACT	28-APR-20	CUSTODY	V65-14 CUSTODY	Geoffry Grace	V56-16 CUSTODY	V56-16 CUSTODY	Geoffry Grace
L2017383-03A	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-14 CUSTODY	V65-14 CUSTODY	Geoffry Grace
L2017383-03A	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-03B	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Richard Scott	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Richard Scott
L2017383-03B	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2017383-03C	Vial-B	INTACT	30-APR-20	CUSTODY	V65-18 CUSTODY	Geoffry Grace	V65-26 CUSTODY	V65-26 CUSTODY	Geoffry Grace
L2017383-03C	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-18 CUSTODY	V65-18 CUSTODY	Geoffry Grace
L2017383-03C	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-03D	Plastic-NH.25	INTACT	30-APR-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W15-S5-A CUSTODY	W15-S5-A CUSTODY	Phillip Renaud
L2017383-03D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	WETCHEM	Matthew Cormier	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Matthew Cormier
L2017383-03D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	W13-S5-D CUSTODY	Matthew Cormier	WETCHEM	WETCHEM	Matthew Cormier
L2017383-03D	Plastic-NH.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W13-S5-D CUSTODY	W13-S5-D CUSTODY	Geoffry Grace
L2017383-03D	Plastic-NH.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-03E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Geoffry Grace	W13-S5-A CUSTODY	W13-S5-A CUSTODY	Geoffry Grace
L2017383-03E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	WETCHEM	Mitchell Vonachen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Mitchell Vonachen
L2017383-03E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	W13-S4-D CUSTODY	Mitchell Vonachen	WETCHEM	WETCHEM	Mitchell Vonachen
L2017383-03E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W13-S4-D CUSTODY	W13-S4-D CUSTODY	Sam Bardsley
L2017383-03E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	WETCHEM	Deb Whelan	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Deb Whelan
L2017383-03E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2017383-03E	Plastic-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-03F	Plastic-C.25	INTACT	28-APR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Owen Leeser	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Owen Leeser
L2017383-03F	Plastic-C.25	INTACT	28-APR-20	CUSTODY	A2-CUSTODY	Owen Leeser	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Owen Leeser
L2017383-03F	Plastic-C.25	INTACT	28-APR-20	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Theodore Huddleson
L2017383-03F	Plastic-C.25	INTACT	28-APR-20	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFI	
L2017383-03F	Plastic-C.25	INTACT	28-APR-20		CUSTODY	Wendy Morency	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Moren
L2017383-03F	Plastic-C.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-03G	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-03G	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-03H	Amber-A.25	EMPTY	28-APR-20		ORGPREP	William Fleckenstein	CUSTODY	CUSTODY	William Fleckenstein
L2017383-03H	Amber-A.25	INTACT	28-APR-20		W25-S2-B CUSTODY	Michael Plante	ORGPREP	ORGPREP	Michael Plante

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2017383-03H	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-03H	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04A	Vial-B	INTACT	01-MAY-20	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L2017383-04A	Vial-B	INTACT	30-APR-20	CUSTODY	V56-16 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L2017383-04A	Vial-B	INTACT	28-APR-20	CUSTODY	V65-14 CUSTODY	Geoffry Grace	V56-16 CUSTODY	V56-16 CUSTODY	Geoffry Grace
L2017383-04A	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-14 CUSTODY	V65-14 CUSTODY	Geoffry Grace
L2017383-04A	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04B	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Richard Scott	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Richard Scott
L2017383-04B	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04C	Vial-B	INTACT	30-APR-20	CUSTODY	V65-18 CUSTODY	Geoffry Grace	V65-26 CUSTODY	V65-26 CUSTODY	Geoffry Grace
L2017383-04C	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-18 CUSTODY	V65-18 CUSTODY	Geoffry Grace
L2017383-04C	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04D	Plastic-NH.25	INTACT	30-APR-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W15-S5-A CUSTODY	W15-S5-A CUSTODY	Phillip Renaud
L2017383-04D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	WETCHEM	Matthew Cormier	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Matthew Cormier
L2017383-04D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	W13-S5-D CUSTODY	Matthew Cormier	WETCHEM	WETCHEM	Matthew Cormier
L2017383-04D	Plastic-NH.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W13-S5-D CUSTODY	W13-S5-D CUSTODY	Geoffry Grace
L2017383-04D	Plastic-NH.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Geoffry Grace	W13-S5-A CUSTODY	W13-S5-A CUSTODY	Geoffry Grace
L2017383-04E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	WETCHEM	Mitchell Vonachen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Mitchell Vonachen
L2017383-04E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	W13-S4-D CUSTODY	Mitchell Vonachen	WETCHEM	WETCHEM	Mitchell Vonachen
L2017383-04E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W13-S4-D CUSTODY	W13-S4-D CUSTODY	Sam Bardsley
L2017383-04E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	WETCHEM	Deb Whelan	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Deb Whelan
L2017383-04E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2017383-04E	Plastic-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04F	Plastic-C.25	INTACT	28-APR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Owen Leeser	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Owen Leeser

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2017383-04F	Plastic-C.25	INTACT	28-APR-20	CUSTODY	A2-CUSTODY	Owen Leeser	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Owen Leeser
L2017383-04F	Plastic-C.25	INTACT	28-APR-20	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Theodore Huddleson
L2017383-04F	Plastic-C.25	INTACT	28-APR-20	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFI	
L2017383-04F	Plastic-C.25	INTACT	28-APR-20		CUSTODY	Wendy Morency	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Moren
L2017383-04F	Plastic-C.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04G	Amber-A.25	EMPTY	28-APR-20		ORGPREP	William Fleckenstein	CUSTODY	CUSTODY	William Fleckenstein
L2017383-04G	Amber-A.25	INTACT	28-APR-20		W25-S2-B CUSTODY	Michael Plante	ORGPREP	ORGPREP	Michael Plante
L2017383-04G	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-04G	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04H	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-04H	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-05A	Vial-B	INTACT	01-MAY-20	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L2017383-05A	Vial-B	INTACT	30-APR-20	CUSTODY	V56-16 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L2017383-05A	Vial-B	INTACT	28-APR-20	CUSTODY	V65-14 CUSTODY	Geoffry Grace	V56-16 CUSTODY	V56-16 CUSTODY	Geoffry Grace
L2017383-05A	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-14 CUSTODY	V65-14 CUSTODY	Geoffry Grace
L2017383-05A	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-05B	Vial-B	INTACT	30-APR-20	CUSTODY	V65-18 CUSTODY	Geoffry Grace	V65-26 CUSTODY	V65-26 CUSTODY	Geoffry Grace
L2017383-05B	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-18 CUSTODY	V65-18 CUSTODY	Geoffry Grace
L2017383-05B	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-05C	Vial-B	INTACT	30-APR-20	CUSTODY	V65-18 CUSTODY	Geoffry Grace	V65-26 CUSTODY	V65-26 CUSTODY	Geoffry Grace
L2017383-05C	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-18 CUSTODY	V65-18 CUSTODY	Geoffry Grace
L2017383-05C	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-06A	Vial-B	INTACT	01-MAY-20	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L2017383-06A	Vial-B	INTACT	30-APR-20	CUSTODY	V56-16 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L2017383-06A	Vial-B	INTACT	28-APR-20	CUSTODY	V65-14 CUSTODY	Geoffry Grace	V56-16 CUSTODY	V56-16 CUSTODY	Geoffry Grace

Container ID Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2017383-06A Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-14 CUSTODY	V65-14 CUSTODY	Geoffry Grace
L2017383-06A Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-06B Vial-B	INTACT	30-APR-20	CUSTODY	V65-18 CUSTODY	Geoffry Grace	V65-26 CUSTODY	V65-26 CUSTODY	Geoffry Grace
L2017383-06B Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-18 CUSTODY	V65-18 CUSTODY	Geoffry Grace
L2017383-06B Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman

Methodology Review

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Laboratory Chronicle

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2017383-01A	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-01B	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-01C	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-01D	Plastic 250ml unpreserved/No Headspace	A	NA		5.3	Y	Absent		ALK-T-2320-PPB(14)
L2017383-01E	Plastic 250ml unpreserved	A	6	6	5.3	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2017383-01F	Plastic 250ml HNO3 preserved	A	<2	<2	5.3	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2017383-01G	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-01H	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-02A	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-02B	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-02C	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-02D	Plastic 250ml unpreserved/No Headspace	A	NA		5.3	Y	Absent		ALK-T-2320-PPB(14)
L2017383-02E	Plastic 250ml unpreserved	A	6	6	5.3	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2017383-02F	Plastic 250ml HNO3 preserved	A	<2	<2	5.3	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2017383-02G	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-02H	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-03A	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-03B	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-03C	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-03D	Plastic 250ml unpreserved/No Headspace	A	NA		5.3	Y	Absent		ALK-T-2320-PPB(14)
L2017383-03E	Plastic 250ml unpreserved	A	6	6	5.3	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2017383-03F	Plastic 250ml HNO3 preserved	A	<2	<2	5.3	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2017383-03G	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-03H	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-04A	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-04B	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-04C	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-04D	Plastic 250ml unpreserved/No Headspace	A	NA		5.3	Y	Absent		ALK-T-2320-PPB(14)
L2017383-04E	Plastic 250ml unpreserved	A	6	6	5.3	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2017383-04F	Plastic 250ml HNO3 preserved	A	<2	<2	5.3	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2017383-04G	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-04H	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-05A	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-05B	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-05C	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-06A	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-06B	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)

*Values in parentheses indicate holding time in days

NJ DEP
Data of Known Quality Protocols Conformance/Non-Conformance Summary Questionnaire

NJ DEP Data of Known Quality Protocols
Conformance/Non-Conformance
Summary Questionnaire

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	YES
1a	Were the method specified handling, preservation, and holding time requirements met?	YES
1b	EPH Method: Was the EPH Method conducted without significant modifications (see Section 11.3 of respective DKQ methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (4 ± 2° C)?	YES
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	NO
5a	Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?	YES
5b	Were these reporting limits met?	NO
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	YES
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	NO

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1a or #1b is "No", the data package does not meet the requirements for "Data of Known Quality".

Conformance/Non-Conformance Summary

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

DKQP Related Narratives

Volatile Organics

In reference to question 5b:

L2017383-01 through -06: One or more of the target analytes did not achieve the requested regulatory limits.

In reference to question 4:

WG1366107-3 /-4: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Please refer to the QC section of the report for specific details.

Semivolatile Organics

In reference to question 4:

WG1364962-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable. Please refer to the QC section of the report for specific details.

Semivolatile Organics by SIM

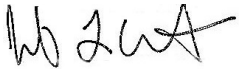
In reference to question 4:

WG1364978-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable. Please refer to the QC section of the report for specific details.

Sulfate

L2017383-02: The sample has an elevated detection limit due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Report Date: 05/04/20

Title: Technical Director/Representative

Glossary

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Organics

GC/MS 8260
Analysis

Sample Results Summary

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 11:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A10	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 11:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A10	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	0.20	0.50	0.19	J
540-59-0	1,2-Dichloroethene, Total	0.20	0.50	0.16	J
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 11:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A10	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 11:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A10	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A11	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A11	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A11	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A11	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A12	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A12	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A12	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A12	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A13	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A13	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A13	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A13	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-05	**Date Collected**	: 04/27/20 08:00
Client ID	: FIELD BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:20
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A14	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-05	**Date Collected**	: 04/27/20 08:00
Client ID	: FIELD BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:20
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A14	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-05	**Date Collected**	: 04/27/20 08:00
Client ID	: FIELD BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:20
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A14	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-05	**Date Collected**	: 04/27/20 08:00
Client ID	: FIELD BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:20
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A14	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-06	**Date Collected**	: 04/24/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:45
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AJK
Lab File ID	: V22200430A15	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-06	**Date Collected**	: 04/24/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:45
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AJK
Lab File ID	: V22200430A15	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-06	**Date Collected**	: 04/24/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:45
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AJK
Lab File ID	: V22200430A15	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-06	**Date Collected**	: 04/24/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:45
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AJK
Lab File ID	: V22200430A15	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1366107-5	**Date Collected**	: NA
Client ID	: WG1366107-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/30/20 09:40
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V22200430A05	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U
74-87-3	Chloromethane	ND	2.5	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L2017383
Project Name	: PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: WG1366107-5	Date Collected	: NA
Client ID	: WG1366107-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/30/20 09:40
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: V22200430A05	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1366107-5	**Date Collected**	: NA
Client ID	: WG1366107-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/30/20 09:40
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V22200430A05	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1366107-5	**Date Collected**	: NA
Client ID	: WG1366107-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/30/20 09:40
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V22200430A05	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: VOA122	**Analysis Date**	: 04/06/20 20:15
Tune Standard	: WG1359012-1	**Tune File ID**	: V22200406NBF4_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	18.3
75	30.0 - 60.0% of mass 95	44.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.4 (.4)1
174	Greater than 50.0 of mass 95	83.6
175	5.0 - 9.0% of mass 174	5.8 (7)1
176	95.0 - 101% of mass 174	79.9 (95.6)1
177	5.0 - 9.0% of mass 176	5.5 (6.9)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.15PPB	R1301889-1	V22200406N05	04/06/20 22:12
STD0.5PPB	R1301889-2	V22200406N08	04/06/20 23:26
STD2.0PPB	R1301889-3	V22200406N10	04/07/20 00:16
STD10PPB	R1301889-4	V22200406N11	04/07/20 00:40
STD30PPB	R1301889-5	V22200406N12	04/07/20 01:05
STD80PPB	R1301889-6	V22200406N13	04/07/20 01:30
STD120PPB	R1301889-7	V22200406N14	04/07/20 01:55
STD200PPB	R1301889-8	V22200406N15	04/07/20 02:19
ICV Quant Report	R1301889-9	V22200406N22	04/07/20 05:12

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: VOA122	**Analysis Date**	: 04/30/20 07:55
Tune Standard	: WG1366107-1	**Tune File ID**	: V22200430ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	20.2
75	30.0 - 60.0% of mass 95	42.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0 of mass 95	88.1
175	5.0 - 9.0% of mass 174	6.5 (7.4)1
176	95.0 - 101% of mass 174	85.9 (97.5)1
177	5.0 - 9.0% of mass 176	5.8 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1366107-2CCAL	WG1366107-2	V22200430A01	04/30/20 08:02
WG1366107-3LCS	WG1366107-3	V22200430A01	04/30/20 08:02
WG1366107-4LCSD	WG1366107-4	V22200430A02	04/30/20 08:27
WG1366107-5BLANK	WG1366107-5	V22200430A05	04/30/20 09:40
MW-1	L2017383-01	V22200430A10	04/30/20 11:42
MW-2	L2017383-02	V22200430A11	04/30/20 12:06
MW-3	L2017383-03	V22200430A12	04/30/20 12:31
MW-4	L2017383-04	V22200430A13	04/30/20 12:56
FIELD BLANK	L2017383-05	V22200430A14	04/30/20 13:20
TRIP BLANK	L2017383-06	V22200430A15	04/30/20 13:45

Blank Results Summary

Method Blank Summary
Form 4
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab Sample ID	: WG1366107-5	**Lab File ID**	: V22200430A05
Instrument ID	: VOA122		
Matrix	: WATER	**Analysis Date**	: 04/30/20 09:40

Client Sample No.	Lab Sample ID	Analysis Date
WG1366107-3LCS	WG1366107-3	04/30/20 08:02
WG1366107-4LCSD	WG1366107-4	04/30/20 08:27
MW-1	L2017383-01	04/30/20 11:42
MW-2	L2017383-02	04/30/20 12:06
MW-3	L2017383-03	04/30/20 12:31
MW-4	L2017383-04	04/30/20 12:56
FIELD BLANK	L2017383-05	04/30/20 13:20
TRIP BLANK	L2017383-06	04/30/20 13:45

Standards Data Summary

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL16648**
Calibration dates	**: 04/06/20 22:12 04/07/20 02:19**		

Calibration Files

L11 =V22200406N05.D L1 =V22200406N08.D L2 =V22200406N10.D L3 =V22200406N11.D L4 =V22200406N12.D

L6 =V22200406N13.D L8 =V22200406N14.D L10 =V22200406N15.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.160	0.223	0.230	0.221	0.220	0.217	0.213	0.212	11.11
3)	TP	Chloromethane		0.274	0.304	0.303	0.293	0.301	0.295	0.288	0.294	3.58
4)	TC	Vinyl chloride	0.532	0.219	0.276	0.281	0.270	0.267	0.261	0.256	*L	0.9994
5)	TP	Bromomethane		0.097	0.116	0.110	0.112	0.124	0.129	0.132	0.117	10.49
6)	TP	Chloroethane		0.130	0.149	0.144	0.136	0.127	0.110	0.077	0.125	19.76
7)	TP	Trichlorofluor		0.266	0.344	0.346	0.330	0.321	0.310	0.299	0.316	8.84
8)	TP	Ethyl ether		0.087	0.104	0.102	0.100	0.100	0.098	0.096	0.098	5.58
10)	TC	1,1-Dichloroet		0.163	0.206	0.208	0.196	0.188	0.179	0.173	0.188	8.94
11)	TP	Carbon disulfide		0.461	0.519	0.515	0.475	0.457	0.443	0.430	0.472	7.24
12)	TP	Freon-113		0.151	0.218	0.217	0.203	0.193	0.186	0.181	0.193	12.14
13)	TP	Iodomethane		0.193	0.267	0.304	0.300	0.289	0.270	0.251	0.268	14.19
14)	TP	Acrolein		0.020	0.025	0.025	0.026	0.027	0.027	0.028	0.025#	10.88
15)	TP	Methylene chlo		0.253	0.219	0.214	0.201	0.199	0.196	0.195	0.211	9.75
17)	TP	Acetone			0.076	0.061	0.053	0.051	0.048	0.048	0.056#	19.54
18)	TP	trans-1,2-Dich		0.192	0.215	0.213	0.199	0.191	0.185	0.181	0.197	6.70
19)	TP	Methyl acetate			0.077	0.058	0.065	0.085	0.093	0.098	0.080#	19.84
21)	TP	Methyl tert butyl ether		0.425	0.467	0.447	0.401	0.392	0.391	0.400	0.418	7.16
22)	TP	tert-Butyl alc		0.014	0.013	0.013	0.012	0.014	0.014	0.016	0.014#	8.31
24)	TP	Diisopropyl ether		0.670	0.755	0.767	0.736	0.735	0.709	0.692	0.723	4.81
25)	TP	1,1-Dichloroet		0.367	0.422	0.431	0.415	0.416	0.405	0.400	0.408	5.06
26)	TP	Halothane		0.138	0.183	0.184	0.175	0.173	0.170	0.170	0.170	9.02
27)	TP	Acrylonitrile		0.056	0.063	0.062	0.062	0.062	0.061	0.061	0.061	3.60
28)	TP	Ethyl tert-but		0.646	0.677	0.692	0.652	0.632	0.609	0.604	0.645	5.12
29)	TP	Vinyl acetate			0.185	0.186	0.254	0.333	0.371	0.391	*Q	0.9970
30)	TP	cis-1,2-Dichlo		0.237	0.253	0.252	0.235	0.228	0.221	0.217	0.235	5.93
31)	TP	2,2-Dichloropr		0.185	0.205	0.189	0.187	0.215	0.223	0.227	0.205	8.62
32)	TP	Bromochloromet		0.111	0.118	0.115	0.108	0.101	0.096	0.093	0.106	9.20
33)	TP	Cyclohexane		0.336	0.504	0.493	0.467	0.457	0.446	0.435	0.448	12.35
34)	TC	Chloroform		0.378	0.382	0.366	0.345	0.342	0.334	0.333	0.354	5.81
35)	TP	Ethyl acetate		0.172	0.168	0.160	0.159	0.162	0.159	0.160	0.163	3.04
36)	TP	Carbon tetrachloride	0.478	0.251	0.318	0.324	0.311	0.312	0.307	0.305	*L	0.9997
37)	TP	Tetrahydrofuran		0.057	0.068	0.062	0.060	0.058	0.057	0.057	0.060	6.38
38)	S	Dibromofluoromethane	0.263	0.269	0.270	0.264	0.262	0.262	0.262	0.263	0.264	1.26
39)	TP	1,1,1-Trichlor		0.266	0.353	0.343	0.324	0.322	0.315	0.311	0.319	8.73
41)	TP	2-Butanone		0.096	0.080	0.074	0.067	0.069	0.068	0.068	0.075#	14.29

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL16648**
Calibration dates	**: 04/06/20 22:12 04/07/20 02:19**		

Calibration Files
L11 =V22200406N05.D L1 =V22200406N08.D L2 =V22200406N10.D L3 =V22200406N11.D L4 =V22200406N12.D
L6 =V22200406N13.D L8 =V22200406N14.D L10 =V22200406N15.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
42) TP	1,1-Dichloropr		0.228	0.292	0.300	0.285	0.283	0.277	0.273	0.277	8.35
44) TP	Benzene	0.984	0.762	0.844	0.845	0.811	0.809	0.790	0.779	0.828	8.38
45) TP	Tertiary-Amyl Methyl Ether		0.471	0.504	0.547	0.529	0.519	0.506	0.508	0.512	4.63
46) S	1,2-Dichloroethane-d4	0.307	0.312	0.311	0.278	0.272	0.277	0.276	0.276	0.289	6.20
47) T	1,2-Dichloroet		0.213	0.209	0.200	0.186	0.186	0.178	0.173	0.192	8.03
50) TP	Methyl cyclohe		0.230	0.373	0.380	0.366	0.364	0.359	0.349	0.346	15.10
51) TP	Trichloroethene	0.277	0.194	0.223	0.226	0.218	0.219	0.216	0.213	0.223	10.71
53) TP	Dibromomethane		0.110	0.117	0.116	0.114	0.115	0.113	0.112	0.114	2.21
54) TC	1,2-Dichloropr		0.217	0.228	0.238	0.235	0.237	0.232	0.231	0.231	3.11
56) TP	2-Chloroethyl				0.103	0.083	0.062	0.058	0.058	*L	0.9959
57) TP	Bromodichlorom		0.250	0.269	0.269	0.266	0.273	0.268	0.268	0.266	2.88
60) TP	1,4-Dioxane		0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	3.22
61) TP	cis-1,3-Dichlo		0.287	0.318	0.333	0.353	0.362	0.358	0.348	0.337	7.93
62) I	Chlorobenzene-d5	----------ISTD----------									
63) S	Toluene-d8	1.269	1.259	1.261	1.249	1.239	1.247	1.250	1.257	1.254	0.76
64) TC	Toluene		0.601	0.677	0.684	0.658	0.663	0.652	0.649	0.655	4.13
65) TP	4-Methyl-2-pen		0.069	0.074	0.077	0.079	0.082	0.081	0.081	0.078#	6.19
66) TP	Tetrachloroethene		0.229	0.318	0.319	0.306	0.306	0.301	0.298	0.297	10.44
68) TP	trans-1,3-Dich		0.321	0.325	0.345	0.339	0.348	0.345	0.345	0.339	3.16
70) TP	Ethyl methacry		0.205	0.240	0.255	0.251	0.256	0.249	0.251	0.244	7.33
71) TP	1,1,2-Trichlor		0.147	0.170	0.173	0.167	0.168	0.164	0.164	0.165	5.05
72) TP	Chlorodibromom		0.218	0.243	0.257	0.256	0.266	0.264	0.267	0.253	6.91
73) TP	1,3-Dichloropr		0.323	0.349	0.350	0.343	0.345	0.338	0.337	0.341	2.70
74) TP	1,2-Dibromoethane		0.200	0.214	0.215	0.211	0.212	0.210	0.211	0.210	2.29
76) TP	2-Hexanone		0.136	0.129	0.134	0.132	0.136	0.134	0.135	0.134	1.92
77) TP	Chlorobenzene		0.694	0.780	0.763	0.737	0.746	0.730	0.722	0.739	3.80
78) TC	Ethylbenzene		1.072	1.300	1.297	1.245	1.239	1.215	1.185	1.222	6.38
79) TP	1,1,1,2-Tetrac		0.230	0.265	0.276	0.271	0.274	0.269	0.266	0.265	5.90
80) TP	p/m Xylene		0.430	0.525	0.529	0.506	0.503	0.490	0.478	0.494	6.84
81) TP	o Xylene		0.415	0.496	0.499	0.477	0.479	0.467	0.451	0.469	6.20
82) TP	Styrene		0.685	0.822	0.816	0.776	0.771	0.748	0.710	0.761	6.71
83) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
84) TP	Bromoform		0.259	0.294	0.309	0.317	0.325	0.325	0.332	0.309	8.12
86) TP	Isopropylbenzene		2.420	3.271	3.221	3.048	2.940	2.932	2.892	2.961	9.45
87) S	4-Bromofluorobenzene	0.973	0.971	0.968	0.980	0.977	0.967	0.997	1.007	0.980	1.47
88) TP	Bromobenzene		0.557	0.655	0.652	0.632	0.635	0.634	0.650	0.631	5.39

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL16648**
Calibration dates	**: 04/06/20 22:12 04/07/20 02:19**		

Calibration Files
L11 =V22200406N05.D L1 =V22200406N08.D L2 =V22200406N10.D L3 =V22200406N11.D L4 =V22200406N12.D
L6 =V22200406N13.D L8 =V22200406N14.D L10 =V22200406N15.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
89) TP	n-Propylbenzene		2.385	3.204	3.273	3.147	3.084	3.063	2.971	3.018	9.80
90) TP	1,4-Dichlorobu		0.795	0.838	0.841	0.816	0.813	0.800	0.794	0.814	2.41
91) TP	1,1,2,2-Tetrac		0.467	0.500	0.478	0.474	0.467	0.459	0.462	0.472	2.90
92) TP	4-Ethyltoluene		1.971	2.666	2.716	2.573	2.527	2.496	2.426	2.482	9.91
93) TP	2-Chlorotoluene		1.715	2.110	2.119	2.004	1.977	1.949	1.928	1.972	6.87
94) TP	1,3,5-Trimethy		1.700	2.272	2.329	2.218	2.185	2.170	2.125	2.143	9.64
95) TP	1,2,3-Trichlor		0.385	0.390	0.392	0.375	0.370	0.375	0.380	0.381	2.17
96) TP	trans-1,4-Dich		0.134	0.138	0.153	0.147	0.151	0.151	0.152	0.147	5.15
97) TP	4-Chlorotoluene		1.615	1.920	1.917	1.834	1.820	1.805	1.792	1.815	5.63
98) TP	tert-Butylbenzene		1.512	2.040	2.043	1.980	1.961	1.948	1.910	1.913	9.60
101) TP	1,2,4-Trimethy		1.699	2.208	2.255	2.185	2.148	2.136	2.095	2.104	8.84
102) TP	sec-Butylbenzene		1.902	2.648	2.692	2.588	2.550	2.509	2.674	2.509	11.00
103) TP	p-Isopropyltol		1.704	2.396	2.759	2.641	2.586	2.524	2.423	2.433	14.18
104) TP	1,3-Dichlorobe		1.112	1.291	1.271	1.228	1.215	1.188	1.184	1.213	4.93
105) TP	1,4-Dichlorobe		1.168	1.246	1.246	1.195	1.195	1.182	1.182	1.202	2.62
106) TP	p-Diethylbenzene		0.902	1.294	1.362	1.321	1.313	1.305	1.282	1.254	12.54
107) TP	n-Butylbenzene		1.295	1.872	1.921	1.846	1.810	1.778	1.727	1.750	12.01
108) TP	1,2-Dichlorobe		1.023	1.112	1.135	1.090	1.092	1.076	1.072	1.086	3.22
109) TP	1,2,4,5-Tetram		1.293	1.687	1.750	1.750	1.785	1.792	1.791	1.693	10.64
110) TP	1,2-Dibromo-3-		0.068	0.072	0.080	0.084	0.086	0.085	0.089	0.080	9.52
111) TP	1,3,5-Trichlor		0.500	0.652	0.665	0.655	0.648	0.649	0.655	0.632	9.25
112) TP	Hexachlorobuta		0.147	0.205	0.209	0.205	0.205	0.210	0.210	0.199	11.60
113) TP	1,2,4-Trichlor		0.485	0.585	0.602	0.591	0.602	0.610	0.618	0.585	7.77
114) TP	Naphthalene		1.322	1.414	1.486	1.497	1.557	1.577	1.644	1.499	7.16
115) TP	1,2,3-Trichlor		0.440	0.527	0.538	0.528	0.538	0.544	0.555	0.525	7.31

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383		
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: VOA122	**Calibration Date**	: 04/30/20 08:02		
Lab File ID	: V22200430A01	**Init. Calib. Date(s)**	: 04/06/20	04/07/20	
Sample No	: WG1366107-2	**Init. Calib. Times**	: 22:12	02:19	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	72	0
Dichlorodifluoromethane	0.212	0.187	-	11.8	20	58	0
Chloromethane	0.294	0.257	-	12.6	20	61	0
Vinyl chloride	10	7.998	-	20	20	54	0
Bromomethane	0.117	0.066*	-	43.6*	20	43	0
Chloroethane	0.125	0.121	-	3.2	20	60	0
Trichlorofluoromethane	0.316	0.311	-	1.6	20	64	0
Ethyl ether	0.098	0.085	-	13.3	20	60	0
1,1-Dichloroethene	0.188	0.188	-	0	20	65	0
Carbon disulfide	0.472	0.449	-	4.9	20	62	0
Freon-113	0.193	0.201	-	-4.1	20	66	0
Iodomethane	0.268	0.043*	-	84*	20	10	0
Acrolein	0.025	0.022*	-	12	20	65	0
Methylene chloride	0.211	0.2	-	5.2	20	67	0
Acetone	0.056	0.056*	-	0	20	65	0
trans-1,2-Dichloroethene	0.197	0.202	-	-2.5	20	68	0
Methyl acetate	0.08	0.134	-	-67.5*	20	164	0
Methyl tert-butyl ether	0.418	0.391	-	6.5	20	62	0
tert-Butyl alcohol	0.014	0.016*	-	-14.3	20	87	0
Diisopropyl ether	0.723	0.684	-	5.4	20	64	0
1,1-Dichloroethane	0.408	0.344	-	15.7	20	57	0
Halothane	0.17	0.186	-	-9.4	20	72	0
Acrylonitrile	0.061	0.057	-	6.6	20	66	0
Ethyl tert-butyl ether	0.645	0.522	-	19.1	20	54	0
Vinyl acetate	10	17.471	-	-74.7*	20	184	0
cis-1,2-Dichloroethene	0.235	0.243	-	-3.4	20	69	0
2,2-Dichloropropane	0.205	0.279	-	-36.1*	20	106	0
Bromochloromethane	0.106	0.119	-	-12.3	20	74	0
Cyclohexane	0.448	0.358	-	20.1*	20	52	0
Chloroform	0.354	0.341	-	3.7	20	67	0
Ethyl acetate	0.163	0.164	-	-0.6	20	73	0
Carbon tetrachloride	10	10.181	-	-1.8	20	69	0
Tetrahydrofuran	0.06	0.063	-	-5	20	73	0
Dibromofluoromethane	0.264	0.285	-	-8	20	77	0
1,1,1-Trichloroethane	0.319	0.328	-	-2.8	20	68	0
2-Butanone	0.075	0.088*	-	-17.3	20	85	0
1,1-Dichloropropene	0.277	0.24	-	13.4	20	57	0
Benzene	0.828	0.726	-	12.3	20	61	0
tert-Amyl methyl ether	0.512	0.438	-	14.5	20	57	0
1,2-Dichloroethane-d4	0.289	0.247	-	14.5	20	64	0
1,2-Dichloroethane	0.192	0.181	-	5.7	20	65	0
Methyl cyclohexane	0.346	0.3	-	13.3	20	56	0
Trichloroethene	0.223	0.221	-	0.9	20	70	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383		
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: VOA122	**Calibration Date**	: 04/30/20 08:02		
Lab File ID	: V22200430A01	**Init. Calib. Date(s)**	: 04/06/20	04/07/20	
Sample No	: WG1366107-2	**Init. Calib. Times**	: 22:12	02:19	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.114	0.11	-	3.5	20	68	0
1,2-Dichloropropane	0.231	0.184	-	20.3*	20	55	0
2-Chloroethyl vinyl ether	10	4.005	-	60*	20	54	0
Bromodichloromethane	0.266	0.247	-	7.1	20	65	0
1,4-Dioxane	0.00152	0.0016*	-	-5.3	20	74	0
cis-1,3-Dichloropropene	0.337	0.278	-	17.5	20	60	0
Chlorobenzene-d5	1	1	-	0	20	75	0
Toluene-d8	1.254	1.213	-	3.3	20	73	0
Toluene	0.655	0.602	-	8.1	20	66	0
4-Methyl-2-pentanone	0.078	0.057*	-	26.9*	20	55	0
Tetrachloroethene	0.297	0.307	-	-3.4	20	72	0
trans-1,3-Dichloropropene	0.339	0.293	-	13.6	20	63	0
Ethyl methacrylate	0.244	0.178	-	27*	20	52	0
1,1,2-Trichloroethane	0.165	0.148	-	10.3	20	64	0
Chlorodibromomethane	0.253	0.25	-	1.2	20	73	0
1,3-Dichloropropane	0.341	0.285	-	16.4	20	61	0
1,2-Dibromoethane	0.21	0.205	-	2.4	20	71	0
2-Hexanone	0.134	0.114	-	14.9	20	63	0
Chlorobenzene	0.739	0.735	-	0.5	20	72	0
Ethylbenzene	1.222	1.136	-	7	20	65	0
1,1,1,2-Tetrachloroethane	0.265	0.268	-	-1.1	20	72	0
p/m Xylene	0.494	0.499	-	-1	20	70	0
o Xylene	0.469	0.466	-	0.6	20	70	0
Styrene	0.761	0.747	-	1.8	20	68	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	82	0
Bromoform	0.309	0.291	-	5.8	20	77	0
Isopropylbenzene	2.961	2.649	-	10.5	20	67	0
4-Bromofluorobenzene	0.98	0.828	-	15.5	20	69	0
Bromobenzene	0.631	0.587	-	7	20	73	0
n-Propylbenzene	3.018	2.657	-	12	20	66	0
1,4-Dichlorobutane	0.814	0.606	-	25.6*	20	59	0
1,1,2,2-Tetrachloroethane	0.472	0.405	-	14.2	20	69	0
4-Ethyltoluene	2.482	2.318	-	6.6	20	70	0
2-Chlorotoluene	1.972	1.741	-	11.7	20	67	0
1,3,5-Trimethylbenzene	2.143	1.966	-	8.3	20	69	0
1,2,3-Trichloropropane	0.381	0.311	-	18.4	20	65	0
trans-1,4-Dichloro-2-buten	0.147	0.116	-	21.1*	20	62	0
4-Chlorotoluene	1.815	1.592	-	12.3	20	68	0
tert-Butylbenzene	1.913	1.742	-	8.9	20	69	0
1,2,4-Trimethylbenzene	2.104	1.915	-	9	20	69	0
sec-Butylbenzene	2.509	2.231	-	11.1	20	68	0
p-Isopropyltoluene	2.433	2.342	-	3.7	20	69	0
1,3-Dichlorobenzene	1.213	1.207	-	0.5	20	77	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2017383	
Project Name	: PISTOIA TIRE CO INC.		**Project Number**	: 0064-4	
Instrument ID	: VOA122		**Calibration Date**	: 04/30/20 08:02	
Lab File ID	: V22200430A01		**Init. Calib. Date(s)**	: 04/06/20	04/07/20
Sample No	: WG1366107-2		**Init. Calib. Times**	: 22:12	02:19
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene	1.202	1.183	-	1.6	20	77	0
p-Diethylbenzene	1.254	1.151	-	8.2	20	69	0
n-Butylbenzene	1.75	1.565	-	10.6	20	66	0
1,2-Dichlorobenzene	1.086	1.05	-	3.3	20	75	0
1,2,4,5-Tetramethylbenzene	1.693	1.557	-	8	20	73	0
1,2-Dibromo-3-chloropropan	0.08	0.077	-	3.8	20	79	0
1,3,5-Trichlorobenzene	0.632	0.599	-	5.2	20	73	0
Hexachlorobutadiene	0.199	0.184	-	7.5	20	72	0
1,2,4-Trichlorobenzene	0.585	0.533	-	8.9	20	72	0
Naphthalene	1.499	1.437	-	4.1	20	79	0
1,2,3-Trichlorobenzene	0.525	0.482	-	8.2	20	73	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Lisko Environmental, LLC
Project Name: PISTOIA TIRE CO INC.

Lab Number: L2017383
Project Number: 0064-4
Matrix: Trip Blank (Aqueous)/Water/Field Blank

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-1 (L2017383-01)	99	96	85	112	0
MW-2 (L2017383-02)	98	96	84	111	0
MW-3 (L2017383-03)	99	95	85	112	0
MW-4 (L2017383-04)	99	95	83	112	0
FIELD BLANK (L2017383-05)	99	95	84	112	0
TRIP BLANK (L2017383-06)	99	96	84	111	0
WG1366107-3LCS	86	97	85	108	0
WG1366107-4LCSD	82	97	87	107	0
WG1366107-5BLANK	97	98	87	110	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

FORM II NJ-8260

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Matrix	: WATER		
LCS Sample ID	: WG1366107-3	**Analysis Date** : 04/30/20 08:02	**File ID** : V22200430A01
LCSD Sample ID	: WG1366107-4	**Analysis Date** : 04/30/20 08:27	**File ID** : V22200430A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dibromo-3-chloropropane	10	9.6	96	10	8.8	88	9	40-160	20
1,4-Dioxane	500	530	106	500	450	90	16	40-160	20
1,2-Dibromoethane	10	9.7	97	10	9.4	94	3	70-130	20
Methylene chloride	10	9.5	95	10	9.6	96	1	70-130	20
1,1-Dichloroethane	10	8.4	84	10	8.7	87	4	70-130	20
Chloroform	10	9.6	96	10	9.8	98	2	70-130	20
Carbon tetrachloride	10	10	100	10	10	100	0	70-130	20
1,2-Dichloropropane	10	7.9	79	10	8.1	81	3	70-130	20
Dibromochloromethane	10	9.9	99	10	9.8	98	1	70-130	20
1,1,2-Trichloroethane	10	9.0	90	10	9.0	90	0	70-130	20
Tetrachloroethene	10	10	100	10	10	100	0	70-130	20
Chlorobenzene	10	9.9	99	10	10	100	1	70-130	20
Trichlorofluoromethane	10	9.8	98	10	9.8	98	0	40-160	20
1,2-Dichloroethane	10	9.4	94	10	8.6	86	9	70-130	20
1,1,1-Trichloroethane	10	10	100	10	10	100	0	70-130	20
Bromodichloromethane	10	9.3	93	10	9.3	93	0	70-130	20
trans-1,3-Dichloropropene	10	8.6	86	10	8.6	86	0	70-130	20
cis-1,3-Dichloropropene	10	8.2	82	10	8.4	84	2	70-130	20
Bromoform	10	9.4	94	10	9.6	96	2	40-160	20
1,1,2,2-Tetrachloroethane	10	8.6	86	10	8.7	87	1	40-160	20
Benzene	10	8.8	88	10	8.9	89	1	70-130	20
Toluene	10	9.2	92	10	9.5	95	3	70-130	20
Ethylbenzene	10	9.3	93	10	9.4	94	1	70-130	20
Chloromethane	10	8.7	87	10	8.8	88	1	40-160	20
Bromomethane	10	5.6	56	10	6.9	69	21 Q	40-160	20
Vinyl chloride	10	8.0	80	10	7.9	79	1	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Matrix	: WATER		
LCS Sample ID	: WG1366107-3	**Analysis Date** : 04/30/20 08:02	**File ID** : V22200430A01
LCSD Sample ID	: WG1366107-4	**Analysis Date** : 04/30/20 08:27	**File ID** : V22200430A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Chloroethane	10	9.7	97	10	9.5	95	2	40-160	20
1,1-Dichloroethene	10	10	100	10	10	100	0	70-130	20
trans-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20
Trichloroethene	10	9.9	99	10	9.7	97	2	70-130	20
1,2-Dichlorobenzene	10	9.7	97	10	10	100	3	70-130	20
1,3-Dichlorobenzene	10	10	100	10	10	100	0	70-130	20
1,4-Dichlorobenzene	10	9.8	98	10	10	100	2	70-130	20
Methyl tert butyl ether	10	9.4	94	10	9.0	90	4	70-130	20
p/m-Xylene	20	20	100	20	20	100	0	70-130	20
o-Xylene	20	20	100	20	20	100	0	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	11	110	10	70-130	20
Styrene	20	20	100	20	20	100	0	40-160	20
Dichlorodifluoromethane	10	8.8	88	10	8.4	84	5	40-160	20
Acetone	10	10	100	10	8.7	87	14	40-160	20
Carbon disulfide	10	9.5	95	10	9.4	94	1	40-160	20
2-Butanone	10	12	120	10	10	100	18	40-160	20
4-Methyl-2-pentanone	10	7.4	74	10	6.8	68	8	40-160	20
2-Hexanone	10	8.5	85	10	7.7	77	10	40-160	20
Bromochloromethane	10	11	110	10	11	110	0	70-130	20
Isopropylbenzene	10	8.9	89	10	9.4	94	5	70-130	20
1,2,3-Trichlorobenzene	10	9.2	92	10	9.6	96	4	70-130	20
1,2,4-Trichlorobenzene	10	9.1	91	10	9.6	96	5	70-130	20
Methyl Acetate	10	17	170 Q	10	15	150 Q	13	70-130	20
Cyclohexane	10	8.0	80	10	7.9	79	1	70-130	20
Methyl cyclohexane	10	8.7	87	10	8.5	85	2	70-130	20
Freon-113	10	10	100	10	10	100	0	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: VOA122	**Analysis Date**	: 04/30/20 08:02
Sample No	: WG1366107-2	**Lab File ID**	: V22200430A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1366107-2	210307	5.81	176227	9.34	91333	12.09
Upper Limit	420614	6.31	352454	9.84	182666	12.59
Lower Limit	105154	5.31	88114	8.84	45667	11.59
Sample ID						
WG1366107-3 LCS	210307	5.81	176227	9.34	91333	12.09
WG1366107-4 LCSD	201425	5.82	169341	9.34	84039	12.09
WG1366107-5 BLANK	202552	5.82	167703	9.34	81291	12.09
MW-1	183595	5.82	156046	9.34	75292	12.09
MW-2	182121	5.82	153483	9.34	73691	12.09
MW-3	176035	5.82	149865	9.34	71119	12.09
MW-4	173134	5.82	147259	9.34	71221	12.09
FIELD BLANK	173330	5.82	144790	9.34	68634	12.09
TRIP BLANK	175049	5.82	146569	9.34	70698	12.09

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A10.D
Acq On : 30 Apr 2020 11:42 am
Operator : VOA122:NLK
Sample : 12017383-01,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 30 12:33:28 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.819	96	183595	10.000	ug/L	0.00
Standard Area 1 = 210307			Recovery = 87.30%			
62) Chlorobenzene-d5	9.337	117	156046	10.000	ug/L	0.00
Standard Area 1 = 176227			Recovery = 88.55%			
83) 1,4-Dichlorobenzene-d4	12.093	152	75292	10.000	ug/L	0.00
Standard Area 1 = 91333			Recovery = 82.44%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.010	113	54269	11.180	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.80%			
46) 1,2-Dichloroethane-d4	5.533	65	52390	9.888	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.88%			
63) Toluene-d8	7.503	98	187139	9.564	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.64%			
87) 4-Bromofluorobenzene	10.859	95	62391	8.456	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 84.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.825	76	355	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	4.573	96	862	0.200	ug/L #	85
32) Bromochloromethane	0.000		0	N.D.		
33) Cyclohexane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		
36) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A10.D
Acq On : 30 Apr 2020 11:42 am
Operator : VOA122:NLK
Sample : 12017383-01,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 30 12:33:28 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D.	
44) Benzene	0.000		0		N.D.	
47) 1,2-Dichloroethane	0.000		0		N.D.	
50) Methyl cyclohexane	0.000		0		N.D.	
51) Trichloroethene	0.000		0		N.D.	
54) 1,2-Dichloropropane	0.000		0		N.D.	
57) Bromodichloromethane	0.000		0		N.D.	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	0.000		0		N.D.	
65) 4-Methyl-2-pentanone	0.000		0		N.D.	
66) Tetrachloroethene	8.011	166	99		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D.	
72) Chlorodibromomethane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D.	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	9.337	91	71		N.D.	
80) p/m Xylene	0.000		0		N.D.	
81) o Xylene	0.000		0		N.D.	
82) Styrene	0.000		0		N.D.	
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	0.000		0		N.D.	
91) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

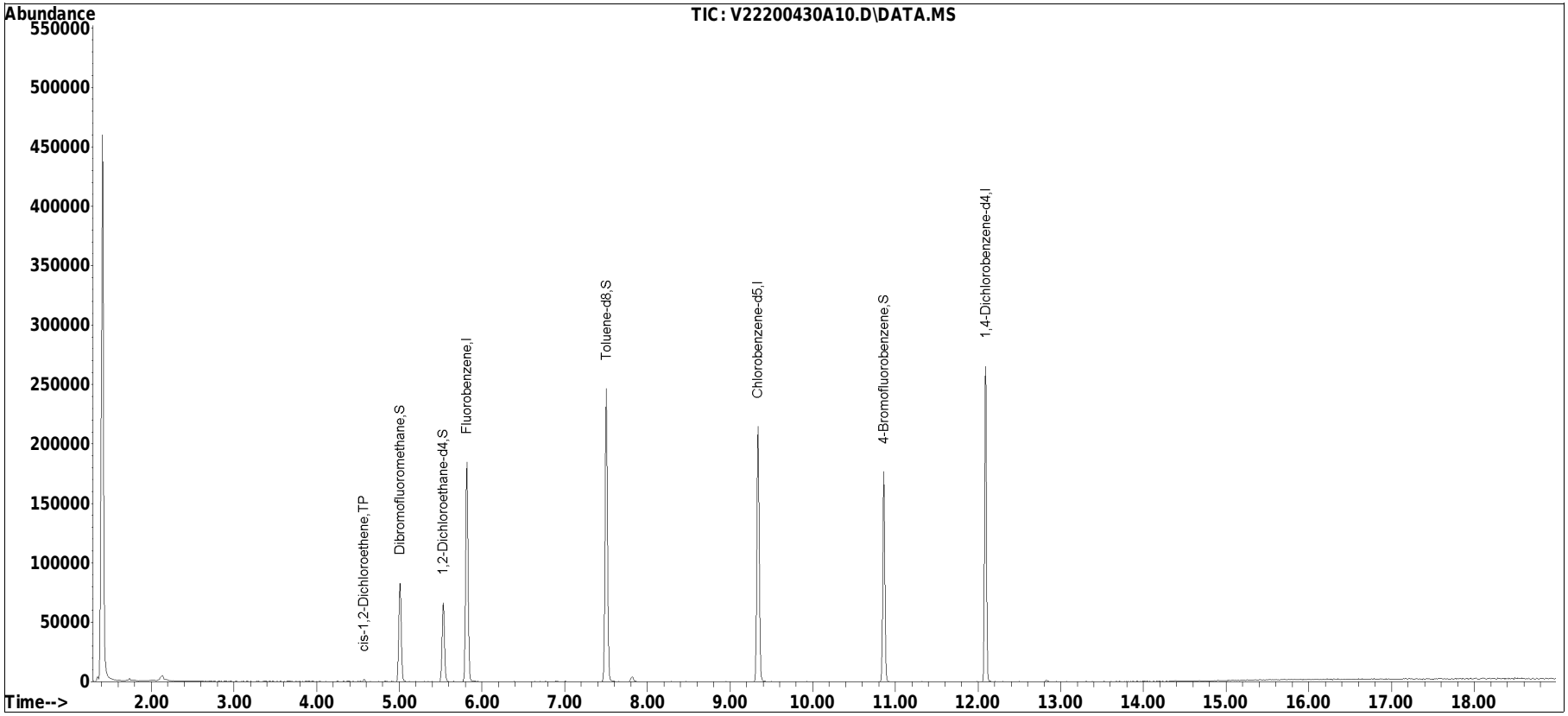
(#) = qualifier out of range (m) = manual integration (+) = signals summed

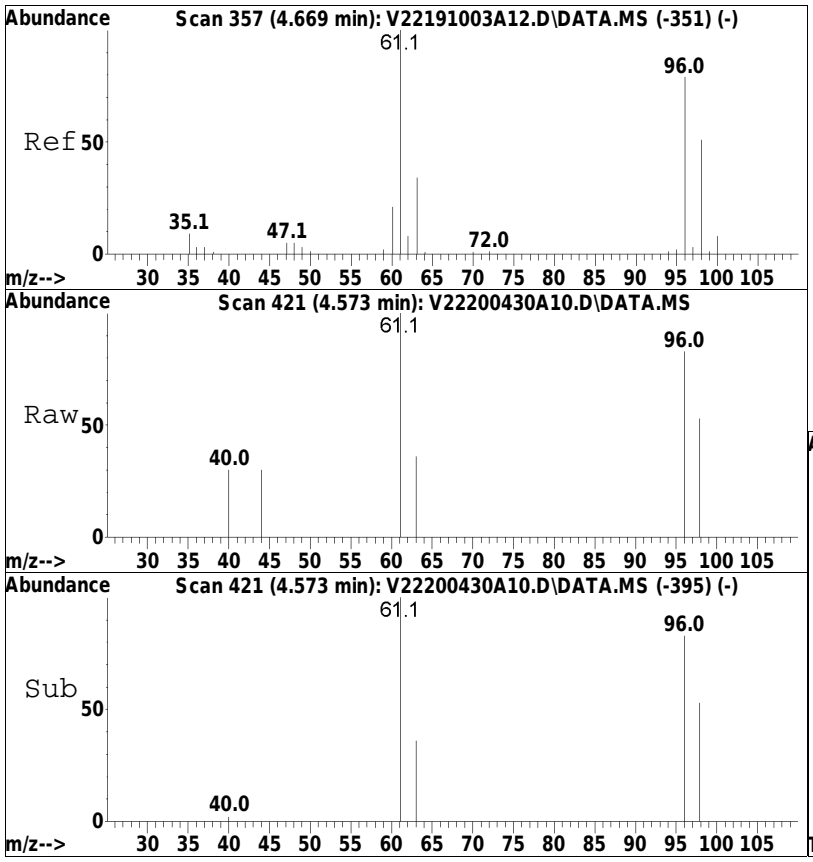
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A10.D
Acq On : 30 Apr 2020 11:42 am
Operator : VOA122:NLK
Sample : l2017383-01,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 30 12:33:28 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0430A01.D•

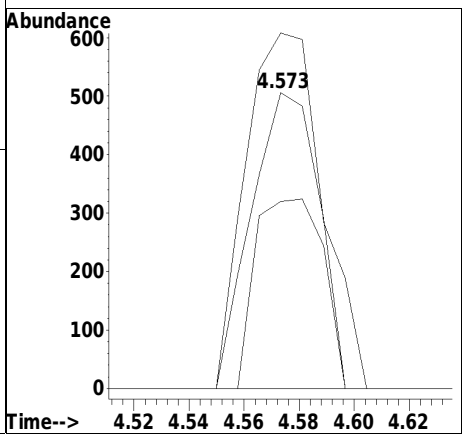




#30
cis-1,2-Dichloroethene
Concen: 0.20 ug/L
RT: 4.573 min Scan# 421
Delta R.T. 0.000 min
Lab File: V22200430A10.D
Acq: 30 Apr 2020 11:42 am

Tgt Ion: 96 Resp: 862

Ion	Ratio	Lower	Upper
96	100		
61	136.7	90.3	135.5#
98	64.3	50.8	76.2



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2020\2	QMethod	: V122_200406N_8260.m
Data File	: V22200430A10.D	Operator	: VOA122:NLK
Date Inj'd	: 4/30/2020 11:42 am	Instrument	: VOA122
Sample	: 12017383-01,31,10,10,,a	Quant Date	: 4/30/2020 12:32 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A10.D
Acq On : 30 Apr 2020 11:42 am
Operator : VOA122:NLK
Sample : 12017383-01,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22200430A10.D\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.138	99	109	124	rVB4	4592	17408	3.57%	0.741%
2	5.010	470	477	489	rBB	83081	170098	34.85%	7.244%
3	5.533	536	544	554	rBB	66480	151927	31.13%	6.471%
4	5.819	568	576	590	rBV	184994	373687	76.57%	15.915%
5	7.503	759	770	786	rBB	246737	488053	100.00%	20.786%
6	9.337	996	1005	1021	rBB	214935	425571	87.20%	18.125%
7	10.859	1191	1198	1208	rBB	176614	305772	62.65%	13.023%
8	12.093	1350	1357	1368	rBB	265280	415476	85.13%	17.695%

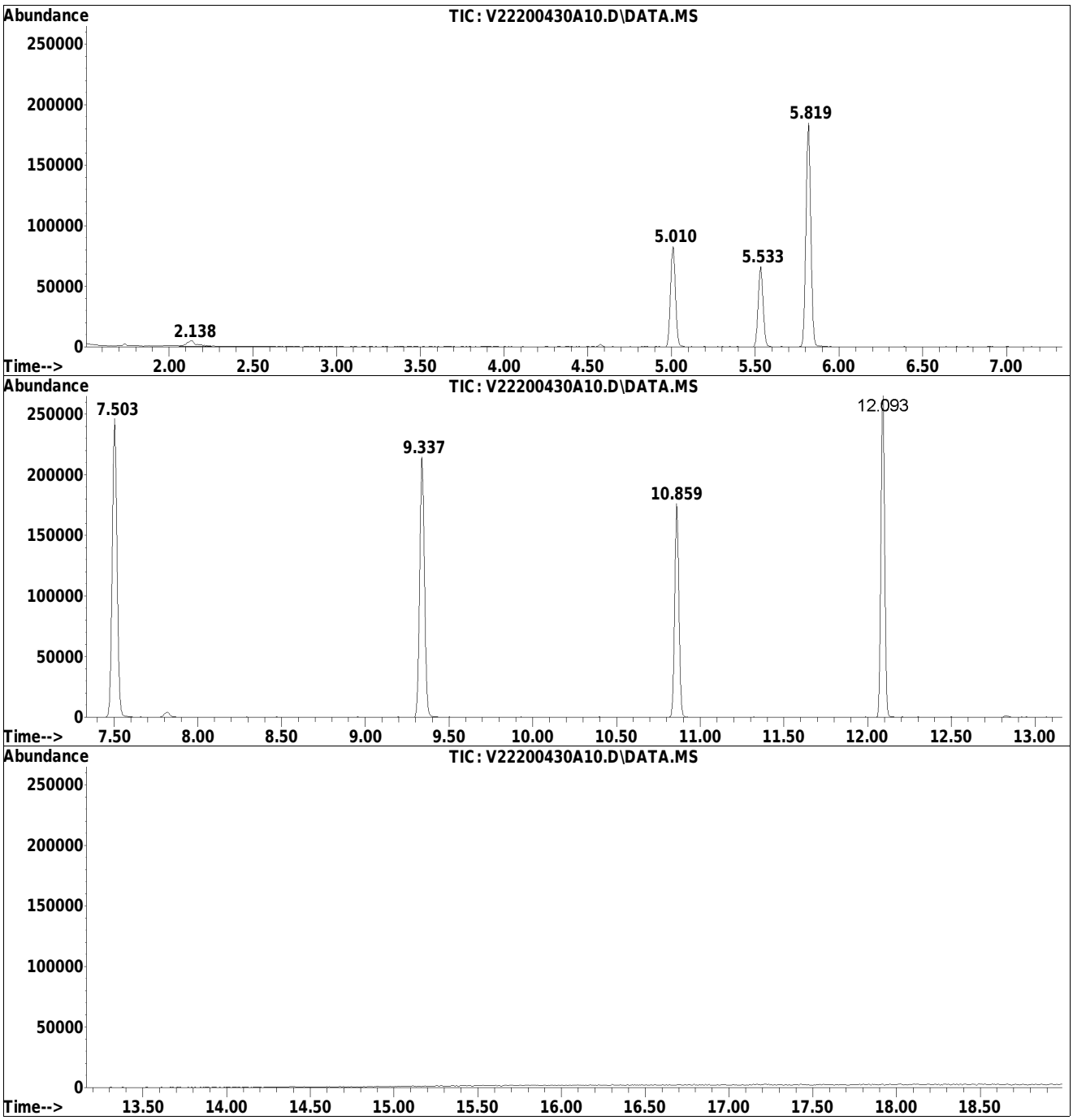
Sum of corrected areas: 2347992

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A10.D
Acq On : 30 Apr 2020 11:42 am
Operator : VOA122:NLK
Sample : 12017383-01,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A10.D
Acq On : 30 Apr 2020 11:42 am
Operator : VOA122:NLK
Sample : l2017383-01,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A10.D
Acq On : 30 Apr 2020 11:42 am
Operator : VOA122:NLK
Sample : 12017383-01,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A11.D
Acq On : 30 Apr 2020 12:06 pm
Operator : VOA122:NLK
Sample : 12017383-02,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 30 13:35:53 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.819	96	182121	10.000	ug/L	0.00
Standard Area 1 = 210307			Recovery = 86.60%			
62) Chlorobenzene-d5	9.337	117	153483	10.000	ug/L	0.00
Standard Area 1 = 176227			Recovery = 87.09%			
83) 1,4-Dichlorobenzene-d4	12.093	152	73691	10.000	ug/L	0.00
Standard Area 1 = 91333			Recovery = 80.68%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.010	113	53233	11.055	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.55%			
46) 1,2-Dichloroethane-d4	5.533	65	51510	9.800	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.00%			
63) Toluene-d8	7.503	98	185605	9.644	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.44%			
87) 4-Bromofluorobenzene	10.859	95	60642	8.397	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 83.97%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.825	76	454	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.387	43	320	0.314	ug/L #	46
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	4.573	96	83	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
33) Cyclohexane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		
36) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A11.D
Acq On : 30 Apr 2020 12:06 pm
Operator : VOA122:NLK
Sample : 12017383-02,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 30 13:35:53 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39)	1,1,1-Trichloroethane	0.000		0		N.D.	
41)	2-Butanone	0.000		0		N.D.	
44)	Benzene	0.000		0		N.D.	
47)	1,2-Dichloroethane	0.000		0		N.D.	
50)	Methyl cyclohexane	0.000		0		N.D.	
51)	Trichloroethene	0.000		0		N.D.	
54)	1,2-Dichloropropane	0.000		0		N.D.	
57)	Bromodichloromethane	0.000		0		N.D.	
60)	1,4-Dioxane	0.000		0		N.D.	
61)	cis-1,3-Dichloropropene	0.000		0		N.D.	
64)	Toluene	0.000		0		N.D.	
65)	4-Methyl-2-pentanone	0.000		0		N.D.	
66)	Tetrachloroethene	0.000		0		N.D.	
68)	trans-1,3-Dichloropropene	0.000		0		N.D.	
71)	1,1,2-Trichloroethane	0.000		0		N.D.	
72)	Chlorodibromomethane	0.000		0		N.D.	
74)	1,2-Dibromoethane	0.000		0		N.D.	
76)	2-Hexanone	0.000		0		N.D.	
77)	Chlorobenzene	0.000		0		N.D.	
78)	Ethylbenzene	0.000		0		N.D.	
80)	p/m Xylene	0.000		0		N.D.	
81)	o Xylene	0.000		0		N.D.	
82)	Styrene	0.000		0		N.D.	
84)	Bromoform	0.000		0		N.D.	
86)	Isopropylbenzene	0.000		0		N.D.	
91)	1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
104)	1,3-Dichlorobenzene	12.107	146	73		N.D.	
105)	1,4-Dichlorobenzene	12.107	146	73		N.D.	
108)	1,2-Dichlorobenzene	0.000		0		N.D.	
110)	1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113)	1,2,4-Trichlorobenzene	0.000		0		N.D.	
115)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

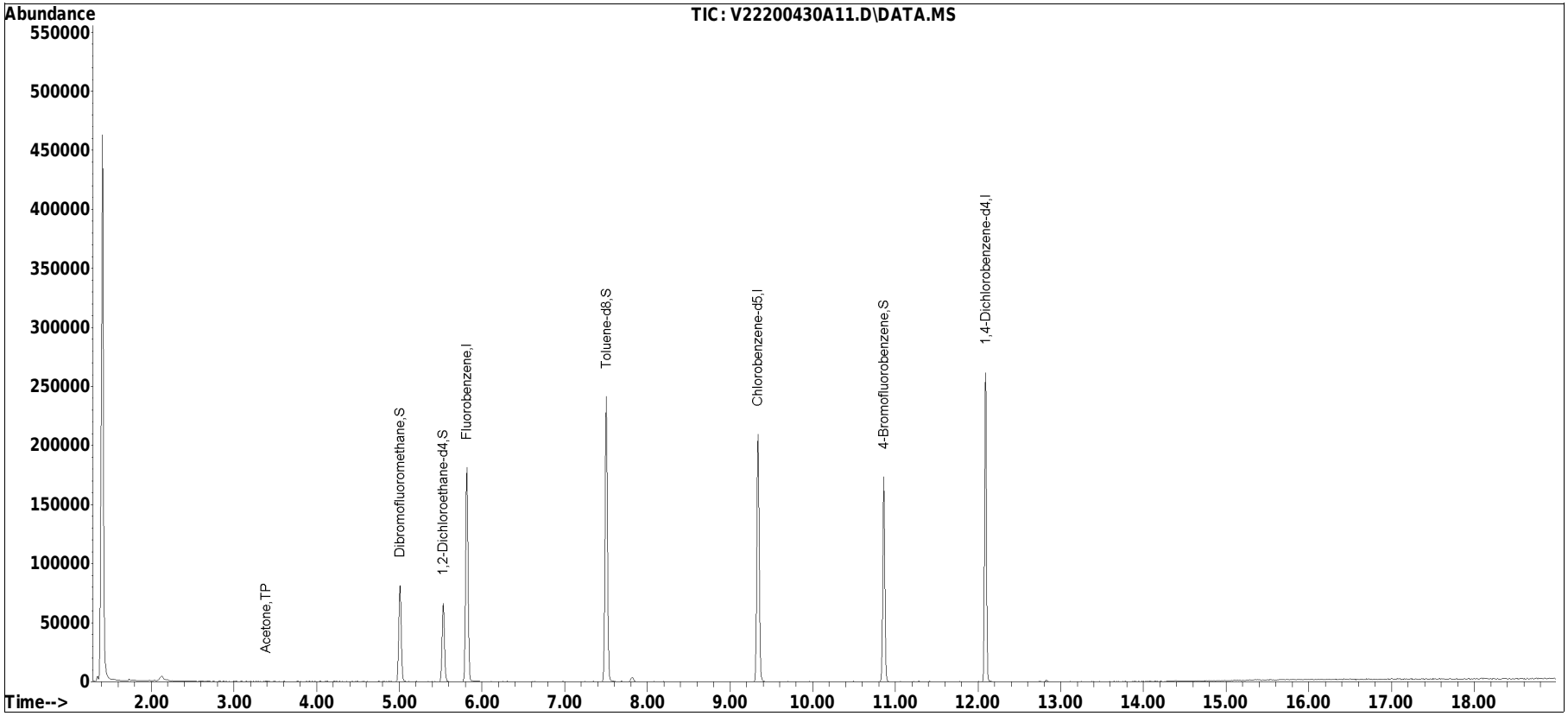
(#) = qualifier out of range (m) = manual integration (+) = signals summed

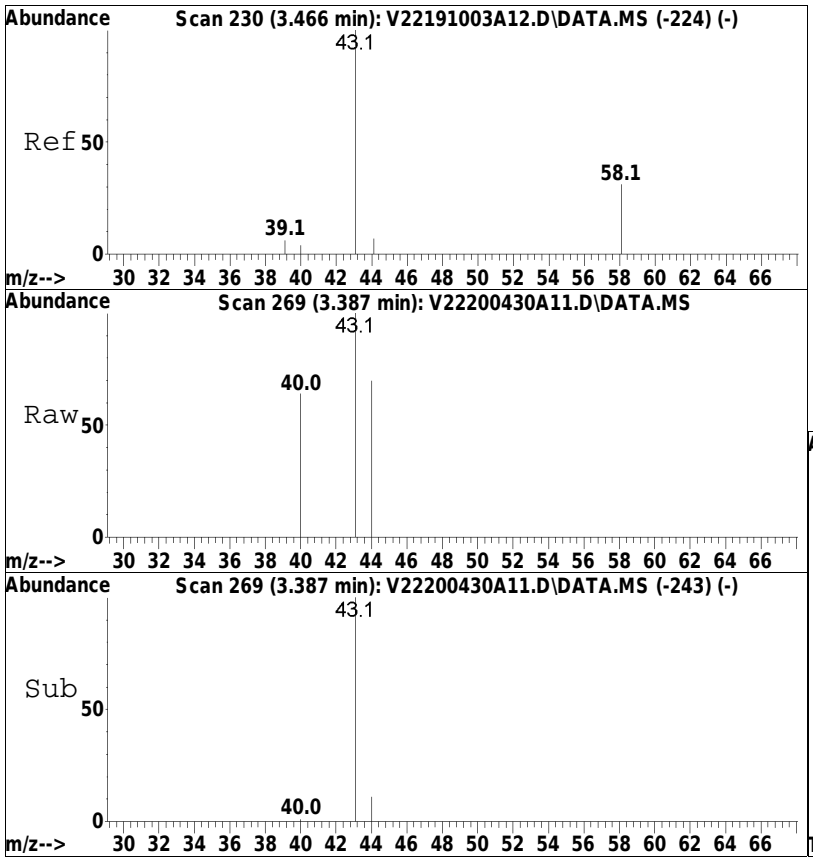
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A11.D
Acq On : 30 Apr 2020 12:06 pm
Operator : VOA122:NLK
Sample : l2017383-02,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 30 13:35:53 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0430A01.D•

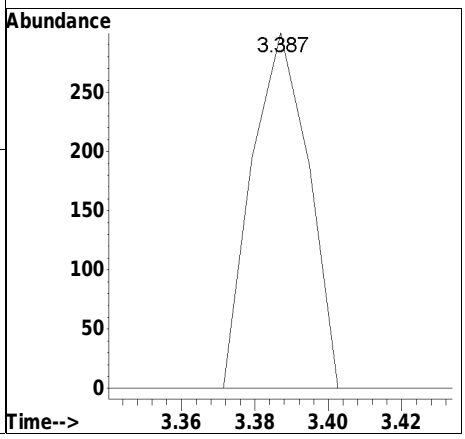




#17
Acetone
Concen: 0.31 ug/L
RT: 3.387 min Scan# 269
Delta R.T. 0.000 min
Lab File: V22200430A11.D
Acq: 30 Apr 2020 12:06 pm

Tgt Ion: 43 Resp: 320

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.1	34.7#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2020\2	QMethod	: V122_200406N_8260.m
Data File	: V22200430A11.D	Operator	: VOA122:NLK
Date Inj'd	: 4/30/2020 12:06 pm	Instrument	: VOA122
Sample	: 12017383-02,31,10,10,,a	Quant Date	: 4/30/2020 1:35 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A11.D
Acq On : 30 Apr 2020 12:06 pm
Operator : VOA122:NLK
Sample : 12017383-02,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22200430A11.D\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	466	477	488	rBB	81800	166684	34.69%	7.276%
2	5.533	534	544	553	rBB	66591	148749	30.96%	6.493%
3	5.819	569	576	589	rBV	181266	367739	76.54%	16.053%
4	7.503	763	770	786	rBB	241532	480445	100.00%	20.973%
5	9.337	993	1005	1019	rBB	209829	420602	87.54%	18.361%
6	10.859	1192	1198	1206	rBB	173392	298081	62.04%	13.012%
7	12.093	1350	1357	1370	rBB	261707	408488	85.02%	17.832%

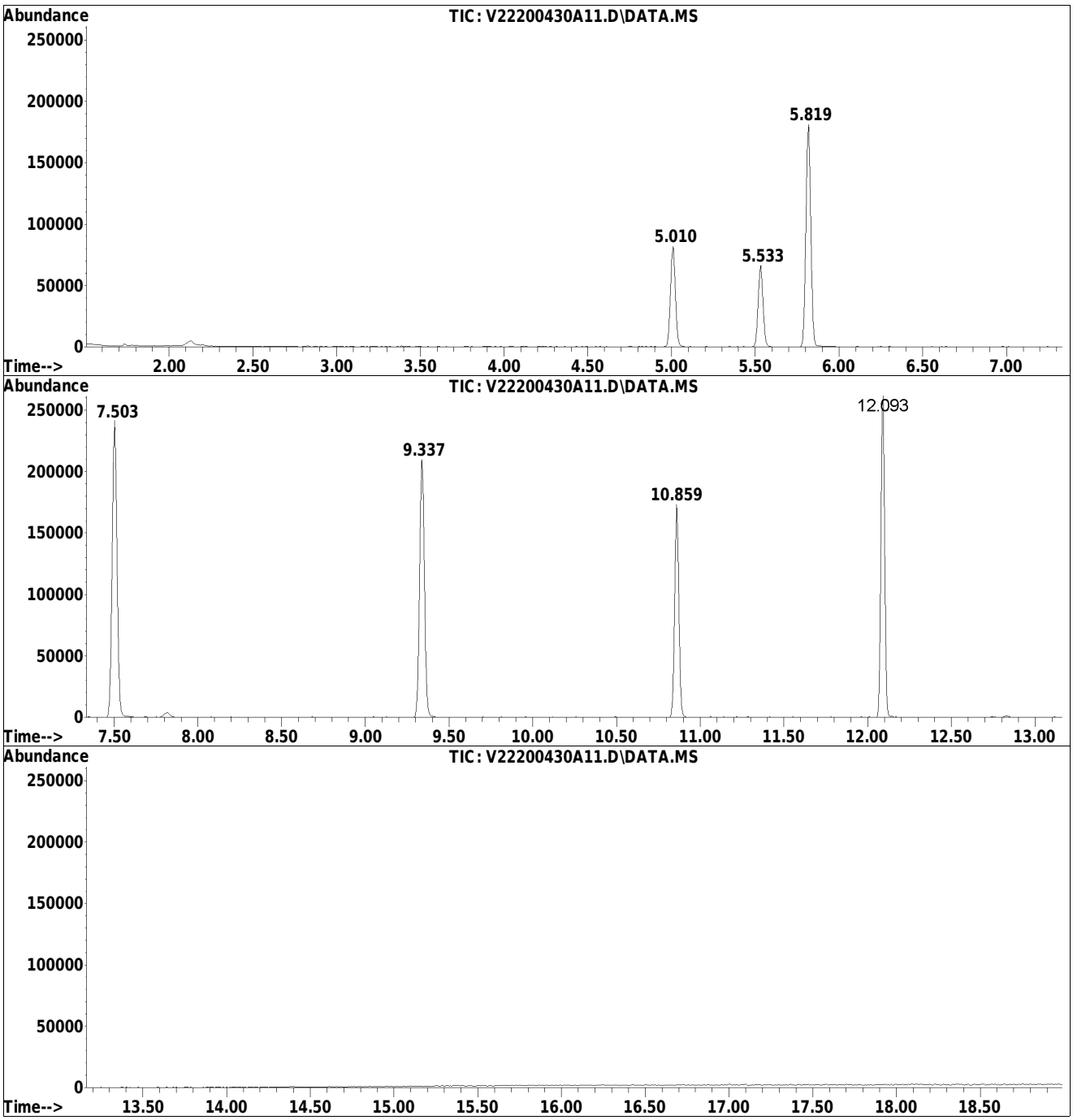
Sum of corrected areas: 2290788

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A11.D
Acq On : 30 Apr 2020 12:06 pm
Operator : VOA122:NLK
Sample : 12017383-02,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A11.D
Acq On : 30 Apr 2020 12:06 pm
Operator : VOA122:NLK
Sample : l2017383-02,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A11.D
Acq On : 30 Apr 2020 12:06 pm
Operator : VOA122:NLK
Sample : 12017383-02,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A12.D
Acq On : 30 Apr 2020 12:31 pm
Operator : VOA122:NLK
Sample : 12017383-03,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 30 13:37:36 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.819	96	176035	10.000	ug/L	0.00
Standard Area 1 = 210307			Recovery = 83.70%			
62) Chlorobenzene-d5	9.337	117	149865	10.000	ug/L	0.00
Standard Area 1 = 176227			Recovery = 85.04%			
83) 1,4-Dichlorobenzene-d4	12.093	152	71119	10.000	ug/L	0.00
Standard Area 1 = 91333			Recovery = 77.87%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.010	113	52003	11.173	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.73%			
46) 1,2-Dichloroethane-d4	5.533	65	50365	9.914	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.14%			
63) Toluene-d8	7.503	98	178812	9.515	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.15%			
87) 4-Bromofluorobenzene	10.859	95	59108	8.481	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 84.81%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.833	76	367	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.379	43	308	0.312	ug/L #	46
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
33) Cyclohexane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		
36) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A12.D
Acq On : 30 Apr 2020 12:31 pm
Operator : VOA122:NLK
Sample : 12017383-03,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 30 13:37:36 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D.	
44) Benzene	0.000		0		N.D.	
47) 1,2-Dichloroethane	0.000		0		N.D.	
50) Methyl cyclohexane	0.000		0		N.D.	
51) Trichloroethene	0.000		0		N.D.	
54) 1,2-Dichloropropane	0.000		0		N.D.	
57) Bromodichloromethane	0.000		0		N.D.	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	0.000		0		N.D.	
65) 4-Methyl-2-pentanone	0.000		0		N.D.	
66) Tetrachloroethene	0.000		0		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D.	
72) Chlorodibromomethane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D.	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	9.337	91	158		N.D.	
80) p/m Xylene	0.000		0		N.D.	
81) o Xylene	0.000		0		N.D.	
82) Styrene	0.000		0		N.D.	
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	10.531	105	674		N.D.	
91) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

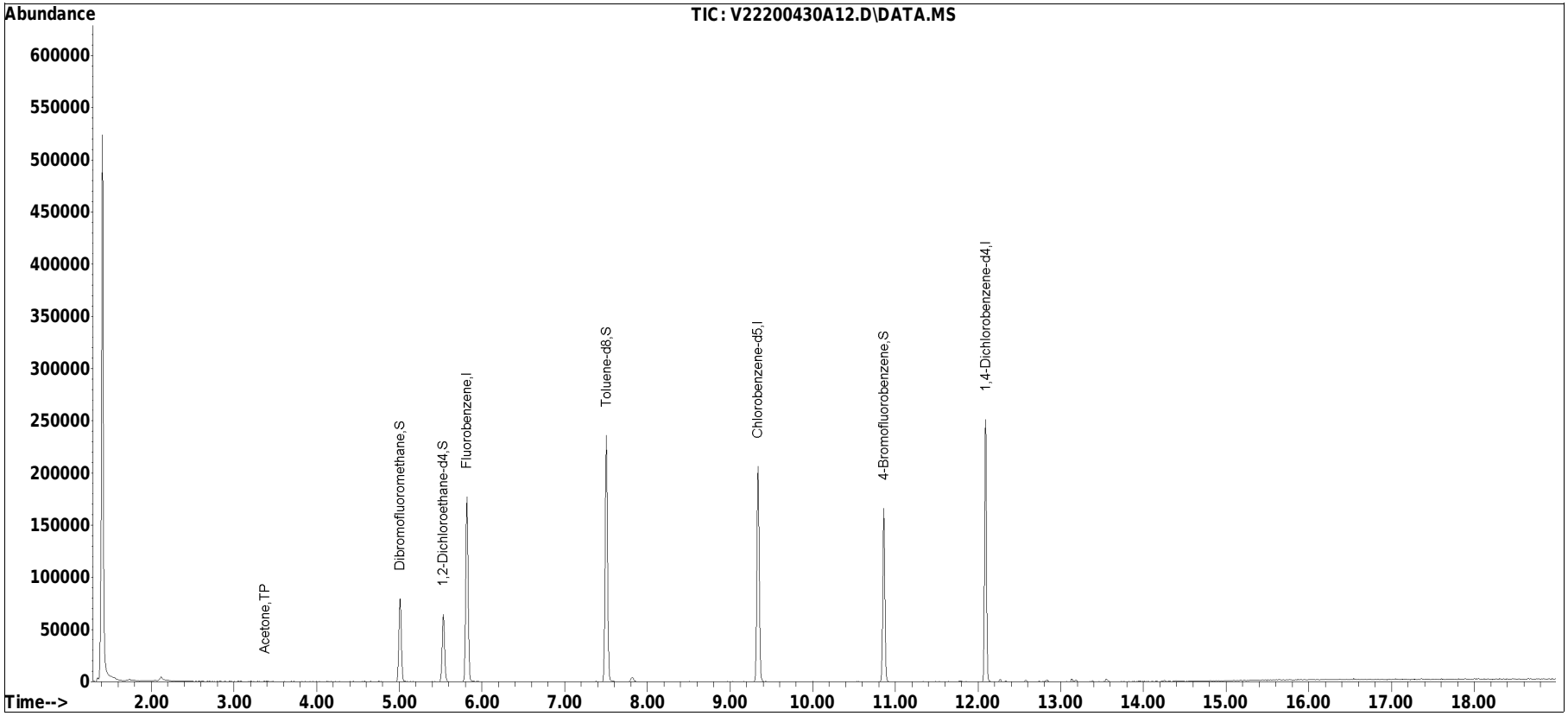
(#) = qualifier out of range (m) = manual integration (+) = signals summed

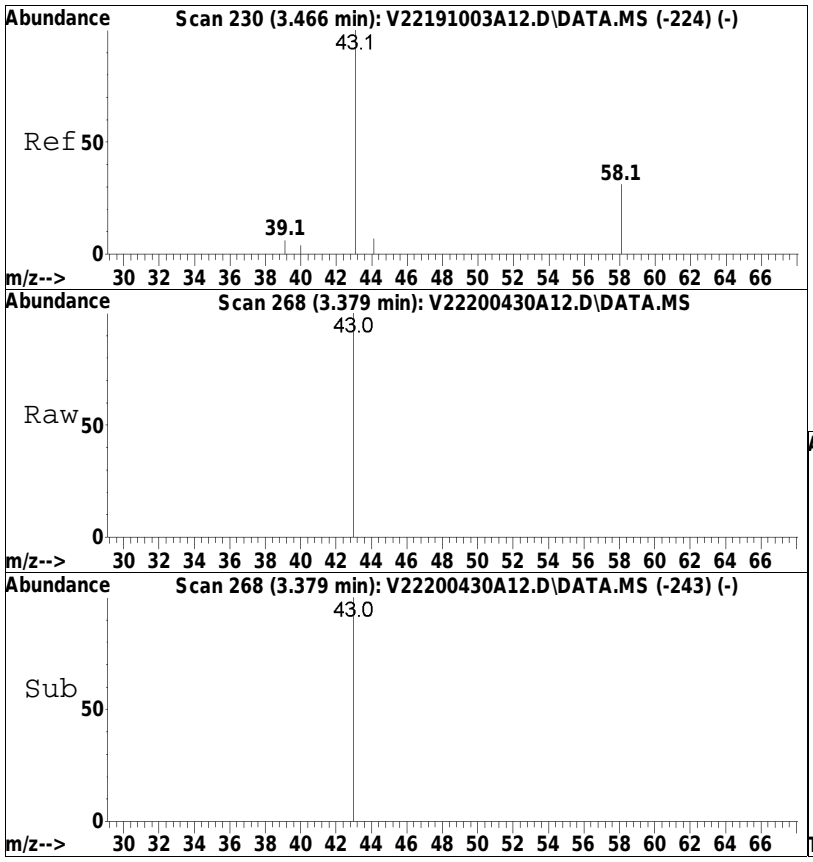
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A12.D
Acq On : 30 Apr 2020 12:31 pm
Operator : VOA122:NLK
Sample : l2017383-03,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 30 13:37:36 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0430A01.D•

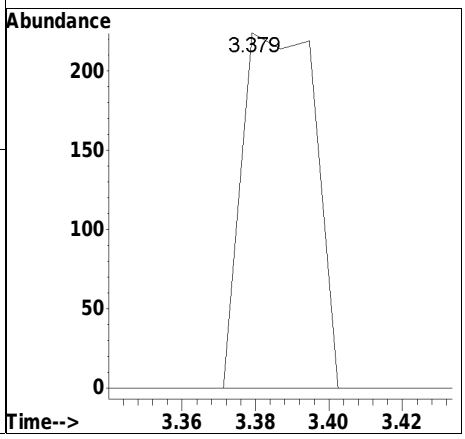




#17
Acetone
Concen: 0.31 ug/L
RT: 3.379 min Scan# 268
Delta R.T. -0.008 min
Lab File: V22200430A12.D
Acq: 30 Apr 2020 12:31 pm

Tgt Ion: 43 Resp: 308

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.1	34.7#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2020\2	QMethod	: V122_200406N_8260.m
Data File	: V22200430A12.D	Operator	: VOA122:NLK
Date Inj'd	: 4/30/2020 12:31 pm	Instrument	: VOA122
Sample	: 12017383-03,31,10,10,,a	Quant Date	: 4/30/2020 1:37 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A12.D
Acq On : 30 Apr 2020 12:31 pm
Operator : VOA122:NLK
Sample : 12017383-03,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22200430A12.D\DATA.MS

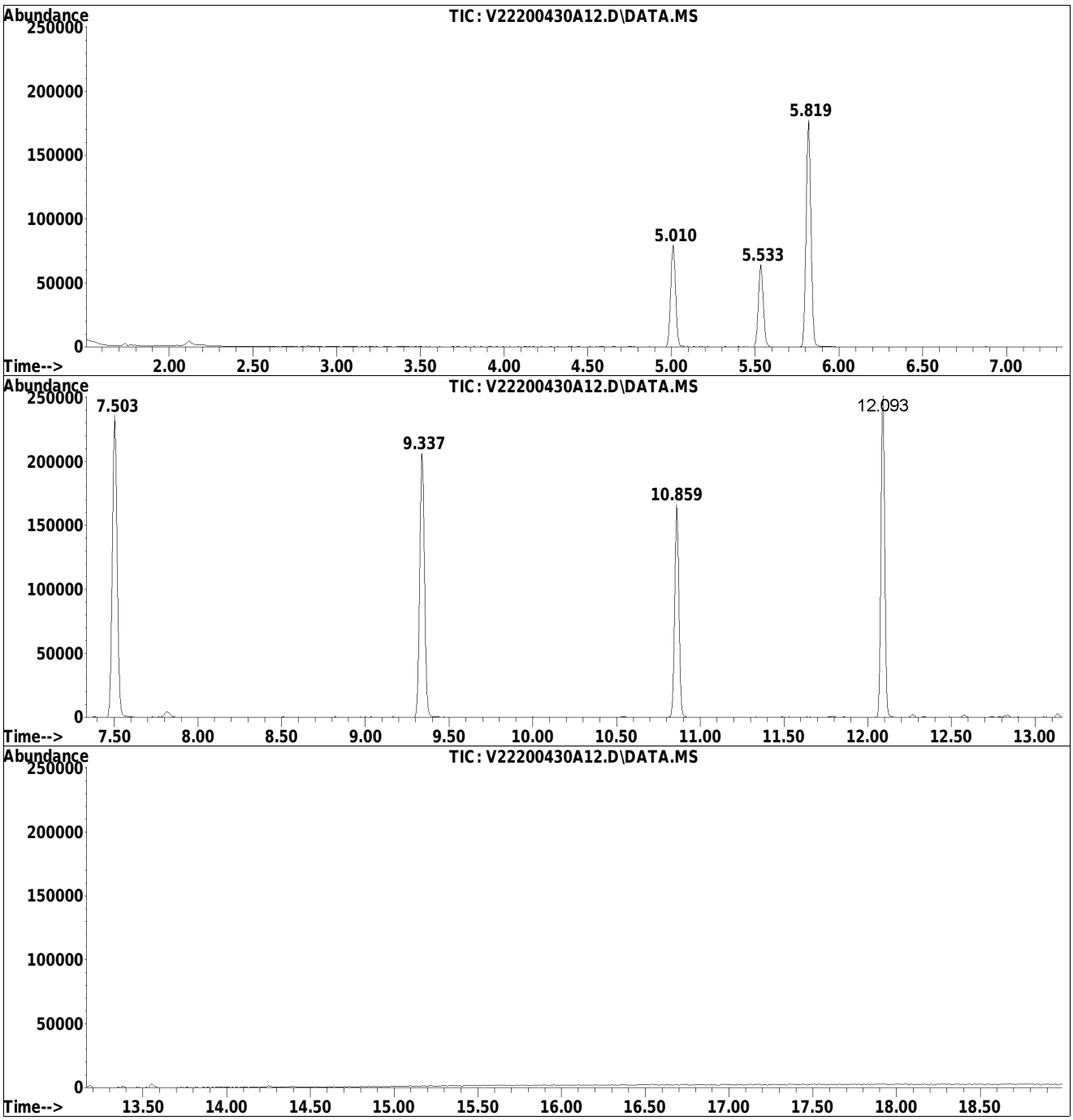
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	465	477	487	rBB	79854	161830	34.69%	7.260%
2	5.533	537	544	554	rBB	64499	148735	31.88%	6.673%
3	5.819	569	576	588	rBV	177463	356551	76.43%	15.996%
4	7.503	762	770	787	rBB	236111	466487	100.00%	20.929%
5	9.337	998	1005	1016	rBV	206742	410054	87.90%	18.397%
6	10.859	1191	1198	1207	rBB	166268	289267	62.01%	12.978%
7	12.093	1346	1357	1367	rBB	251291	396030	84.90%	17.768%

Sum of corrected areas: 2228954

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A12.D
Acq On : 30 Apr 2020 12:31 pm
Operator : VOA122:NLK
Sample : 12017383-03,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A12.D
Acq On : 30 Apr 2020 12:31 pm
Operator : VOA122:NLK
Sample : l2017383-03,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A12.D
Acq On : 30 Apr 2020 12:31 pm
Operator : VOA122:NLK
Sample : 12017383-03,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A13.D
Acq On : 30 Apr 2020 12:56 pm
Operator : VOA122:NLK
Sample : 12017383-04,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 30 13:38:54 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.819	96	173134	10.000	ug/L	0.00
Standard Area 1 = 210307			Recovery = 82.32%			
62) Chlorobenzene-d5	9.337	117	147259	10.000	ug/L	0.00
Standard Area 1 = 176227			Recovery = 83.56%			
83) 1,4-Dichlorobenzene-d4	12.093	152	71221	10.000	ug/L	0.00
Standard Area 1 = 91333			Recovery = 77.98%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.010	113	51201	11.185	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.85%			
46) 1,2-Dichloroethane-d4	5.533	65	49337	9.874	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.74%			
63) Toluene-d8	7.503	98	174933	9.473	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.73%			
87) 4-Bromofluorobenzene	10.859	95	58191	8.338	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 83.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.825	76	275	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
33) Cyclohexane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		
36) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A13.D
Acq On : 30 Apr 2020 12:56 pm
Operator : VOA122:NLK
Sample : 12017383-04,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 30 13:38:54 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D.	
44) Benzene	0.000		0		N.D.	
47) 1,2-Dichloroethane	0.000		0		N.D.	
50) Methyl cyclohexane	0.000		0		N.D.	
51) Trichloroethene	0.000		0		N.D.	
54) 1,2-Dichloropropane	0.000		0		N.D.	
57) Bromodichloromethane	0.000		0		N.D.	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	0.000		0		N.D.	
65) 4-Methyl-2-pentanone	0.000		0		N.D.	
66) Tetrachloroethene	0.000		0		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D.	
72) Chlorodibromomethane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D.	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	9.345	91	77		N.D.	
80) p/m Xylene	0.000		0		N.D.	
81) o Xylene	0.000		0		N.D.	
82) Styrene	0.000		0		N.D.	
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	0.000		0		N.D.	
91) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

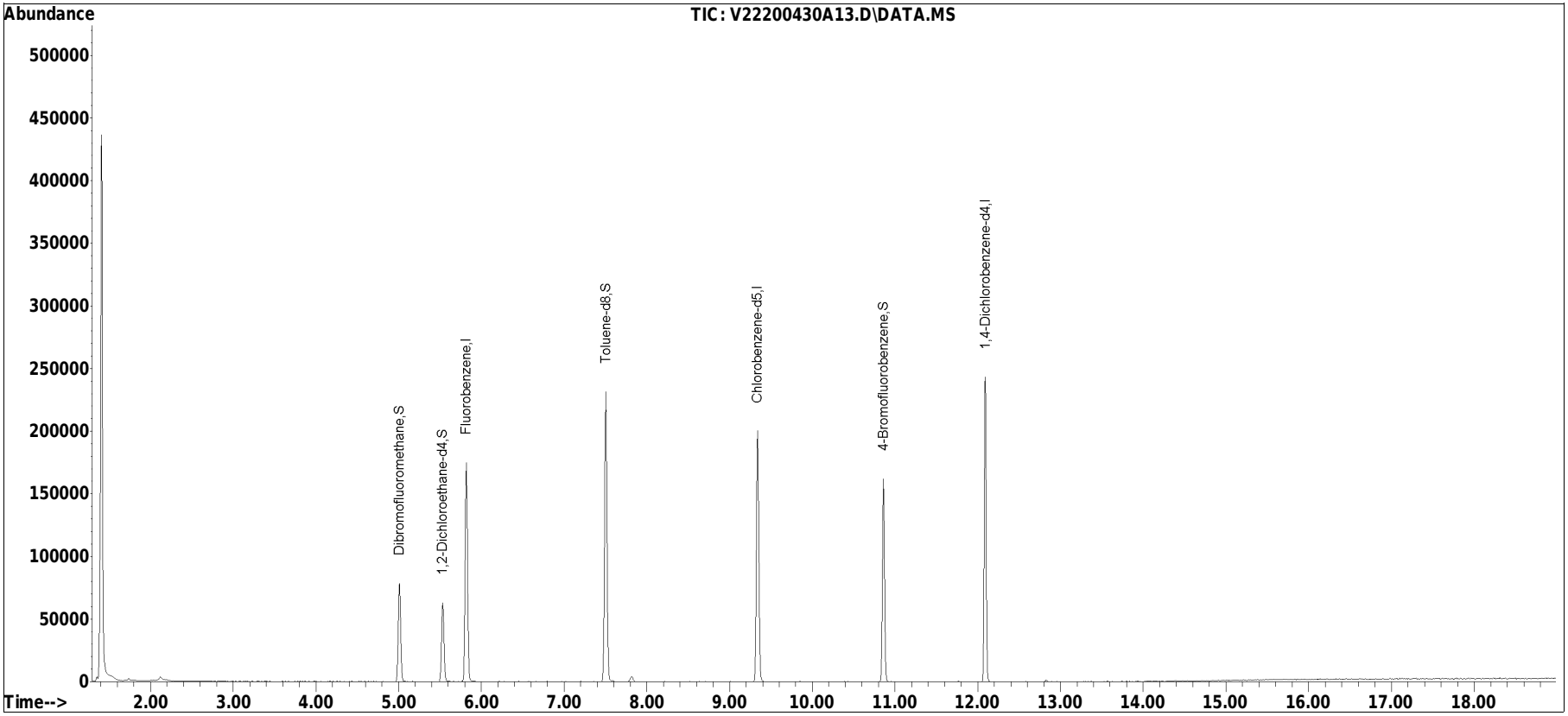
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A13.D
Acq On : 30 Apr 2020 12:56 pm
Operator : VOA122:NLK
Sample : l2017383-04,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 30 13:38:54 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0430A01.D•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2020\2	QMethod	: V122_200406N_8260.m
Data File	: V22200430A13.D	Operator	: VOA122:NLK
Date Inj'd	: 4/30/2020 12:56 pm	Instrument	: VOA122
Sample	: l2017383-04,31,10,10,,a	Quant Date	: 4/30/2020 1:38 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A13.D
Acq On : 30 Apr 2020 12:56 pm
Operator : VOA122:NLK
Sample : 12017383-04,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22200430A13.D\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	469	477	488	rBB	78496	160317	34.98%	7.316%
2	5.533	536	544	556	rBB	63105	144593	31.55%	6.599%
3	5.819	567	576	594	rVB	175127	352229	76.84%	16.075%
4	7.503	760	770	786	rBB	231688	458368	100.00%	20.919%
5	9.337	998	1005	1019	rBB	200400	401125	87.51%	18.306%
6	10.859	1192	1198	1208	rBV	162126	286133	62.42%	13.058%
7	12.093	1348	1357	1367	rBB	243189	388417	84.74%	17.726%

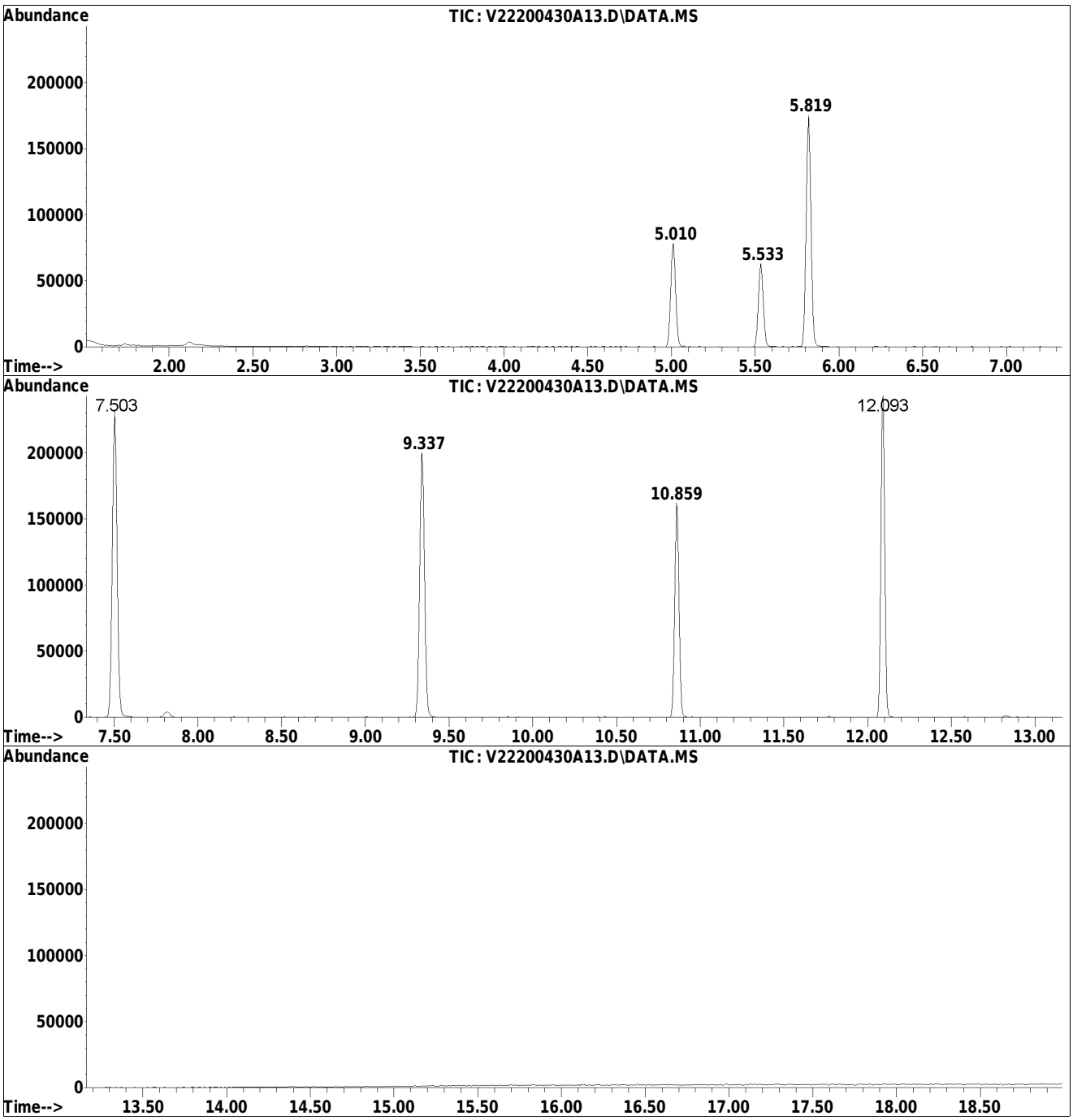
Sum of corrected areas: 2191182

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A13.D
Acq On : 30 Apr 2020 12:56 pm
Operator : VOA122:NLK
Sample : 12017383-04,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A13.D
Acq On : 30 Apr 2020 12:56 pm
Operator : VOA122:NLK
Sample : l2017383-04,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A13.D
Acq On : 30 Apr 2020 12:56 pm
Operator : VOA122:NLK
Sample : 12017383-04,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	# RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A14.D
Acq On : 30 Apr 2020 01:20 pm
Operator : VOA122:NLK
Sample : 12017383-05,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 30 13:41:52 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.819	96	173330	10.000	ug/L	0.00
Standard Area 1 = 210307			Recovery = 82.42%			
62) Chlorobenzene-d5	9.337	117	144790	10.000	ug/L	0.00
Standard Area 1 = 176227			Recovery = 82.16%			
83) 1,4-Dichlorobenzene-d4	12.093	152	68634	10.000	ug/L	0.00
Standard Area 1 = 91333			Recovery = 75.15%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.010	113	51400	11.216	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 112.16%			
46) 1,2-Dichloroethane-d4	5.533	65	49379	9.871	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.71%			
63) Toluene-d8	7.503	98	173303	9.545	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.45%			
87) 4-Bromofluorobenzene	10.859	95	56269	8.366	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 83.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.825	76	639	0.078	ug/L #	73
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	3.387	43	88	N.D.		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
33) Cyclohexane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		
36) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A14.D
Acq On : 30 Apr 2020 01:20 pm
Operator : VOA122:NLK
Sample : 12017383-05,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 30 13:41:52 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39)	1,1,1-Trichloroethane	0.000		0	N.D.		
41)	2-Butanone	0.000		0	N.D.		
44)	Benzene	0.000		0	N.D.		
47)	1,2-Dichloroethane	0.000		0	N.D.		
50)	Methyl cyclohexane	0.000		0	N.D.		
51)	Trichloroethene	0.000		0	N.D.		
54)	1,2-Dichloropropane	0.000		0	N.D.		
57)	Bromodichloromethane	0.000		0	N.D.		
60)	1,4-Dioxane	0.000		0	N.D.		
61)	cis-1,3-Dichloropropene	0.000		0	N.D.		
64)	Toluene	0.000		0	N.D.		
65)	4-Methyl-2-pentanone	0.000		0	N.D.		
66)	Tetrachloroethene	0.000		0	N.D.		
68)	trans-1,3-Dichloropropene	0.000		0	N.D.		
71)	1,1,2-Trichloroethane	0.000		0	N.D.		
72)	Chlorodibromomethane	0.000		0	N.D.		
74)	1,2-Dibromoethane	0.000		0	N.D.		
76)	2-Hexanone	0.000		0	N.D.		
77)	Chlorobenzene	0.000		0	N.D.		
78)	Ethylbenzene	0.000		0	N.D.		
80)	p/m Xylene	0.000		0	N.D.		
81)	o Xylene	0.000		0	N.D.		
82)	Styrene	0.000		0	N.D.		
84)	Bromoform	0.000		0	N.D.		
86)	Isopropylbenzene	0.000		0	N.D.		
91)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
104)	1,3-Dichlorobenzene	0.000		0	N.D.		
105)	1,4-Dichlorobenzene	0.000		0	N.D.		
108)	1,2-Dichlorobenzene	0.000		0	N.D.		
110)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
113)	1,2,4-Trichlorobenzene	0.000		0	N.D.		
115)	1,2,3-Trichlorobenzene	0.000		0	N.D.		

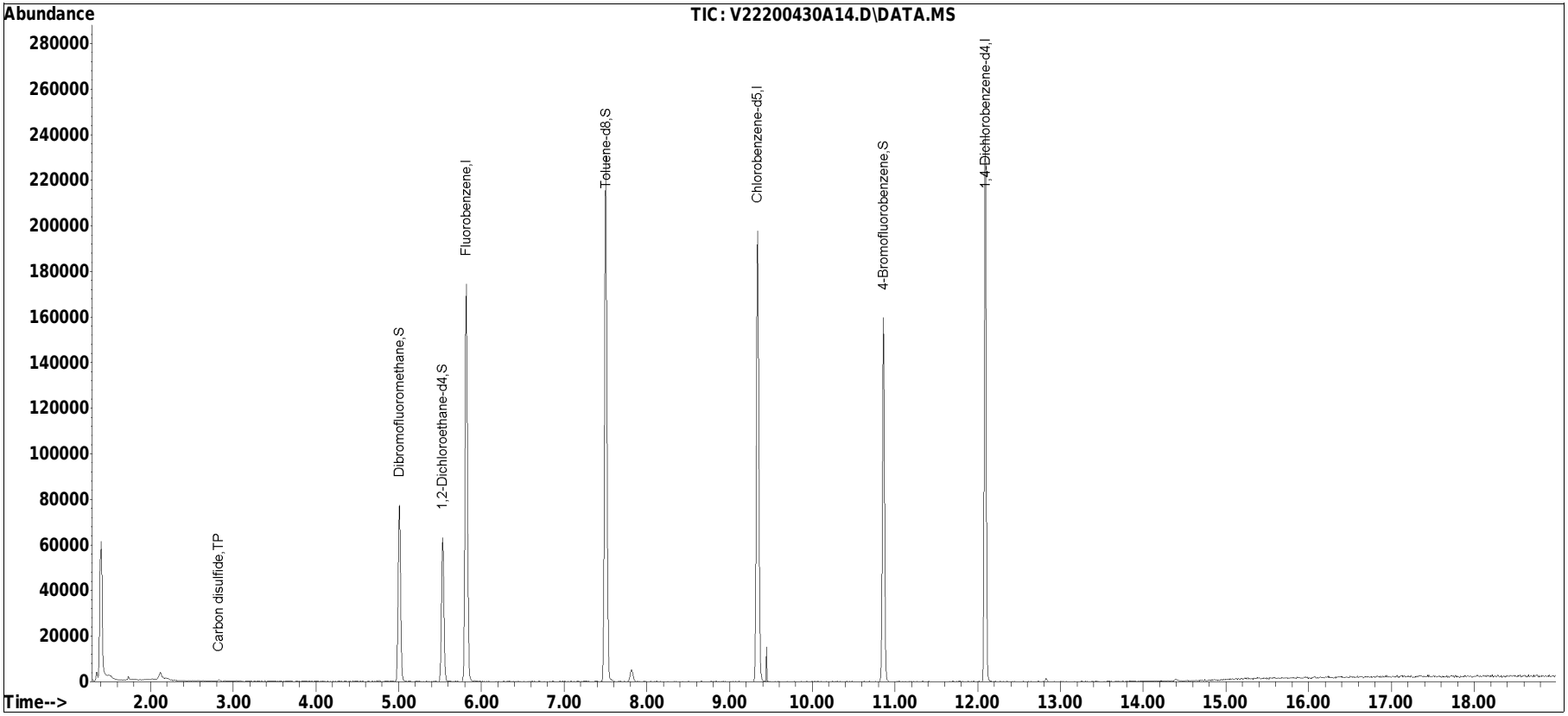
(#) = qualifier out of range (m) = manual integration (+) = signals summed

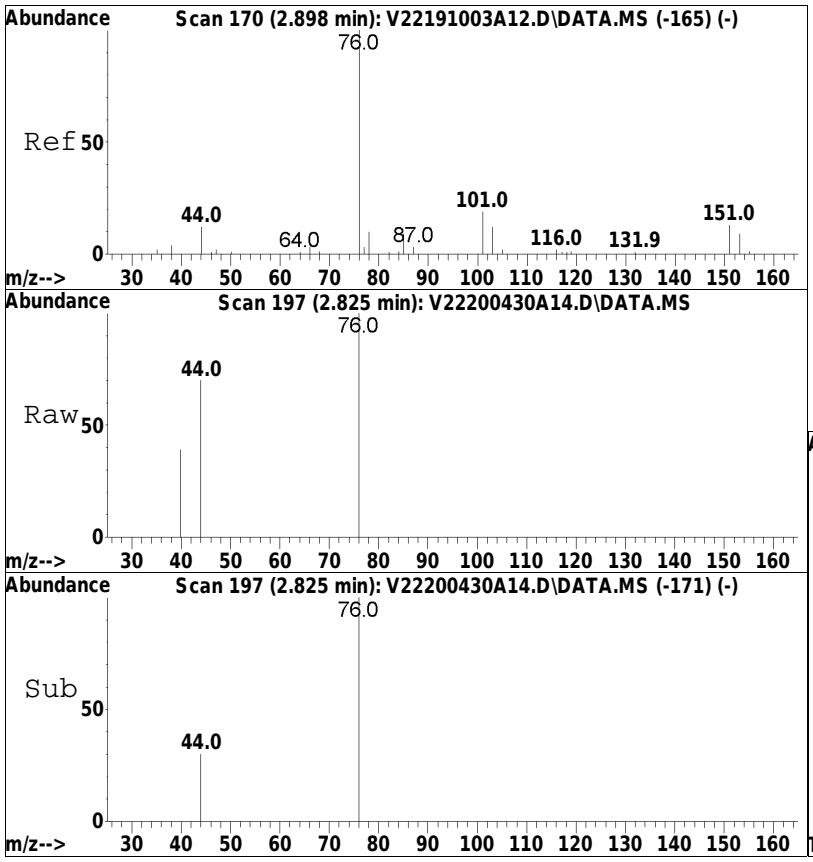
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A14.D
Acq On : 30 Apr 2020 01:20 pm
Operator : VOA122:NLK
Sample : 12017383-05,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 30 13:41:52 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0430A01.D•

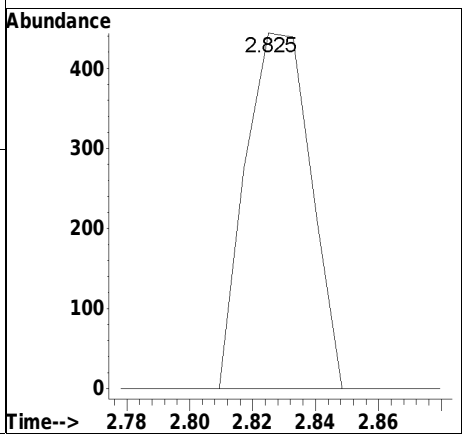




#11
Carbon disulfide
Concen: 0.08 ug/L
RT: 2.825 min Scan# 197
Delta R.T. 0.000 min
Lab File: V22200430A14.D
Acq: 30 Apr 2020 01:20 pm

Tgt Ion: 76 Resp: 639

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.4	13.4#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2020\2	QMethod	: V122_200406N_8260.m
Data File	: V22200430A14.D	Operator	: VOA122:NLK
Date Inj'd	: 4/30/2020 1:20 pm	Instrument	: VOA122
Sample	: 12017383-05,31,10,10,,a	Quant Date	: 4/30/2020 1:41 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A14.D
Acq On : 30 Apr 2020 01:20 pm
Operator : VOA122:NLK
Sample : 12017383-05,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22200430A14.D\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	469	477	486	rBB	77530	159683	35.18%	7.373%
2	5.533	537	544	557	rBB	63248	144541	31.84%	6.674%
3	5.819	568	576	586	rBV	174637	349978	77.10%	16.160%
4	7.503	761	770	786	rBB	230464	453926	100.00%	20.959%
5	9.337	998	1005	1017	rBV	197803	396962	87.45%	18.329%
6	10.859	1191	1198	1208	rBB	159658	281356	61.98%	12.991%
7	12.093	1350	1357	1369	rBB	240073	379301	83.56%	17.514%

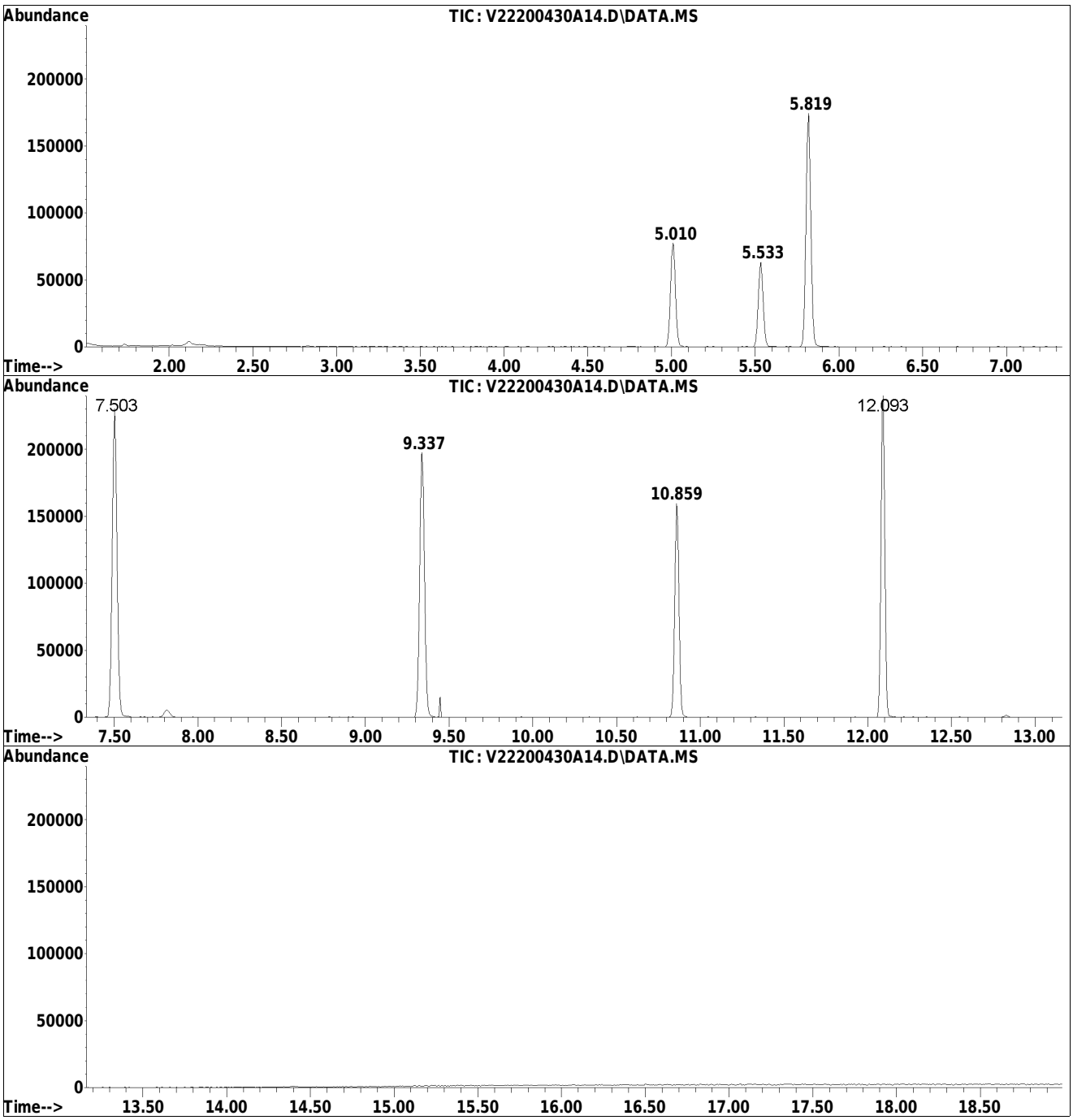
Sum of corrected areas: 2165747

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A14.D
Acq On : 30 Apr 2020 01:20 pm
Operator : VOA122:NLK
Sample : 12017383-05,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 14 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A14.D
Acq On : 30 Apr 2020 01:20 pm
Operator : VOA122:NLK
Sample : l2017383-05,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 14 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A14.D
Acq On : 30 Apr 2020 01:20 pm
Operator : VOA122:NLK
Sample : 12017383-05,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 14 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A15.D
Acq On : 30 Apr 2020 01:45 pm
Operator : VOA122:AJK
Sample : 12017383-06,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 30 15:41:16 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.819	96	175049	10.000	ug/L	0.00
Standard Area 1 = 210307			Recovery = 83.23%			
62) Chlorobenzene-d5	9.337	117	146569	10.000	ug/L	0.00
Standard Area 1 = 176227			Recovery = 83.17%			
83) 1,4-Dichlorobenzene-d4	12.093	152	70698	10.000	ug/L	0.00
Standard Area 1 = 91333			Recovery = 77.41%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.010	113	51439	11.114	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.14%			
46) 1,2-Dichloroethane-d4	5.533	65	50162	9.930	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.30%			
63) Toluene-d8	7.503	98	176177	9.585	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.85%			
87) 4-Bromofluorobenzene	10.859	95	58532	8.448	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 84.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.833	76	428	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
33) Cyclohexane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		
36) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A15.D
Acq On : 30 Apr 2020 01:45 pm
Operator : VOA122:AJK
Sample : 12017383-06,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 30 15:41:16 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,1,1-Trichloroethane	0.000		0	N.D.		
41) 2-Butanone	0.000		0	N.D.		
44) Benzene	0.000		0	N.D.		
47) 1,2-Dichloroethane	0.000		0	N.D.		
50) Methyl cyclohexane	0.000		0	N.D.		
51) Trichloroethene	0.000		0	N.D.		
54) 1,2-Dichloropropane	0.000		0	N.D.		
57) Bromodichloromethane	0.000		0	N.D.		
60) 1,4-Dioxane	0.000		0	N.D.		
61) cis-1,3-Dichloropropene	0.000		0	N.D.		
64) Toluene	0.000		0	N.D.		
65) 4-Methyl-2-pentanone	0.000		0	N.D.		
66) Tetrachloroethene	0.000		0	N.D.		
68) trans-1,3-Dichloropropene	0.000		0	N.D.		
71) 1,1,2-Trichloroethane	0.000		0	N.D.		
72) Chlorodibromomethane	0.000		0	N.D.		
74) 1,2-Dibromoethane	0.000		0	N.D.		
76) 2-Hexanone	0.000		0	N.D.		
77) Chlorobenzene	0.000		0	N.D.		
78) Ethylbenzene	0.000		0	N.D.		
80) p/m Xylene	0.000		0	N.D.		
81) o Xylene	0.000		0	N.D.		
82) Styrene	0.000		0	N.D.		
84) Bromoform	0.000		0	N.D.		
86) Isopropylbenzene	0.000		0	N.D.		
91) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
104) 1,3-Dichlorobenzene	0.000		0	N.D.		
105) 1,4-Dichlorobenzene	0.000		0	N.D.		
108) 1,2-Dichlorobenzene	0.000		0	N.D.		
110) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
113) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
115) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

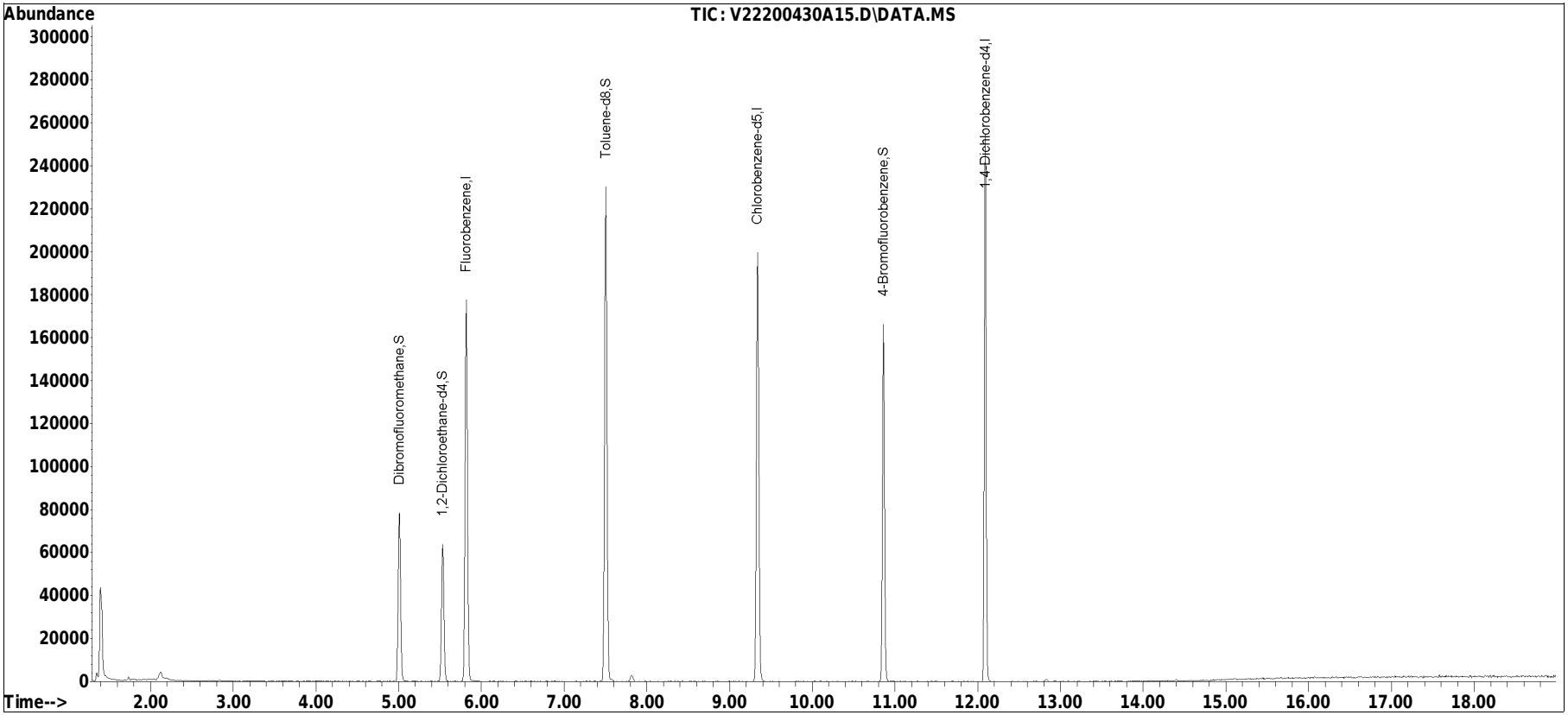
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A15.D
Acq On : 30 Apr 2020 01:45 pm
Operator : VOA122:AJK
Sample : l2017383-06,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 30 15:41:16 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0430A01.D•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2020\2	QMethod	: V122_200406N_8260.m
Data File	: V22200430A15.D	Operator	: VOA122:AJK
Date Inj'd	: 4/30/2020 1:45 pm	Instrument	: VOA122
Sample	: l2017383-06,31,10,10,,a	Quant Date	: 4/30/2020 3:41 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A15.D
Acq On : 30 Apr 2020 01:45 pm
Operator : VOA122:AJK
Sample : 12017383-06,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22200430A15.D\DATA.MS

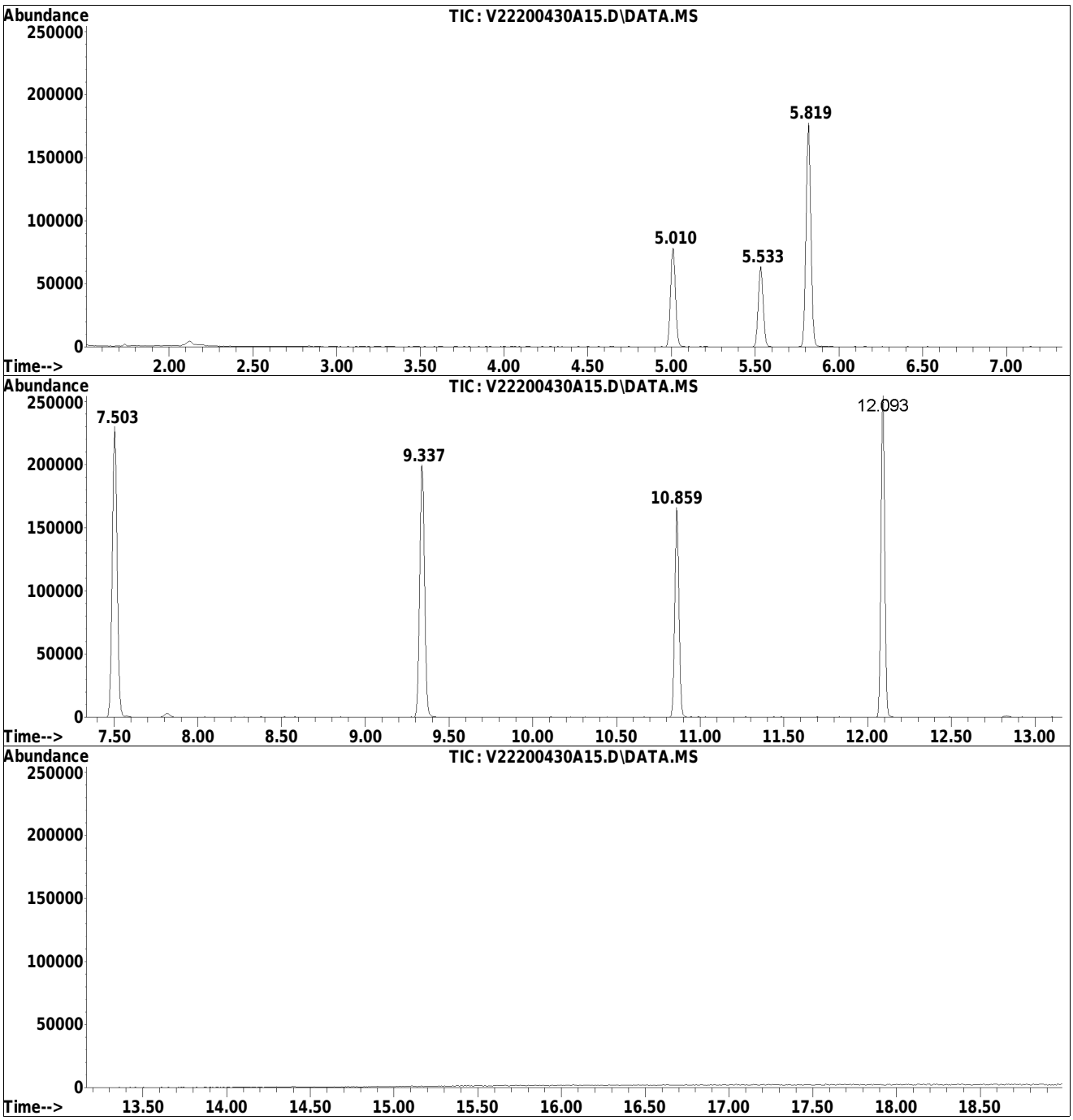
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	471	477	487	rBV	78531	161063	34.89%	7.299%
2	5.533	535	544	556	rBB	63807	144970	31.40%	6.569%
3	5.819	567	576	588	rBV	177653	356005	77.12%	16.132%
4	7.503	760	770	784	rBB	230227	461619	100.00%	20.918%
5	9.337	995	1005	1020	rBB	199797	402699	87.24%	18.248%
6	10.859	1190	1198	1207	rBB	166244	286275	62.02%	12.972%
7	12.093	1349	1357	1368	rBB	254594	394161	85.39%	17.861%

Sum of corrected areas: 2206792

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A15.D
Acq On : 30 Apr 2020 01:45 pm
Operator : VOA122:AJK
Sample : 12017383-06,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 15 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A15.D
Acq On : 30 Apr 2020 01:45 pm
Operator : VOA122:AJK
Sample : l2017383-06,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 15 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A15.D
Acq On : 30 Apr 2020 01:45 pm
Operator : VOA122:AJK
Sample : 12017383-06,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 15 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	# RT	Resp	Conc

Method Blank
Raw Data

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A05.D
Acq On : 30 Apr 2020 09:40 am
Operator : VOA122:PD
Sample : WG1366107-5,31,10,10
Misc : WG1366107,ICAL16648
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22200430A05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	469	477	489	rBB	87723	182969	34.23%	7.204%
2	5.533	536	544	555	rBB	71724	165778	31.02%	6.527%
3	5.819	569	576	588	rBV	201032	408248	76.38%	16.073%
4	7.503	761	770	786	rBB	269822	534465	100.00%	21.043%
5	9.337	997	1005	1020	rBB	230220	459988	86.07%	18.110%
6	10.859	1188	1198	1208	rBB	193694	334042	62.50%	13.152%
7	12.093	1349	1357	1370	rBB	285472	454421	85.02%	17.891%

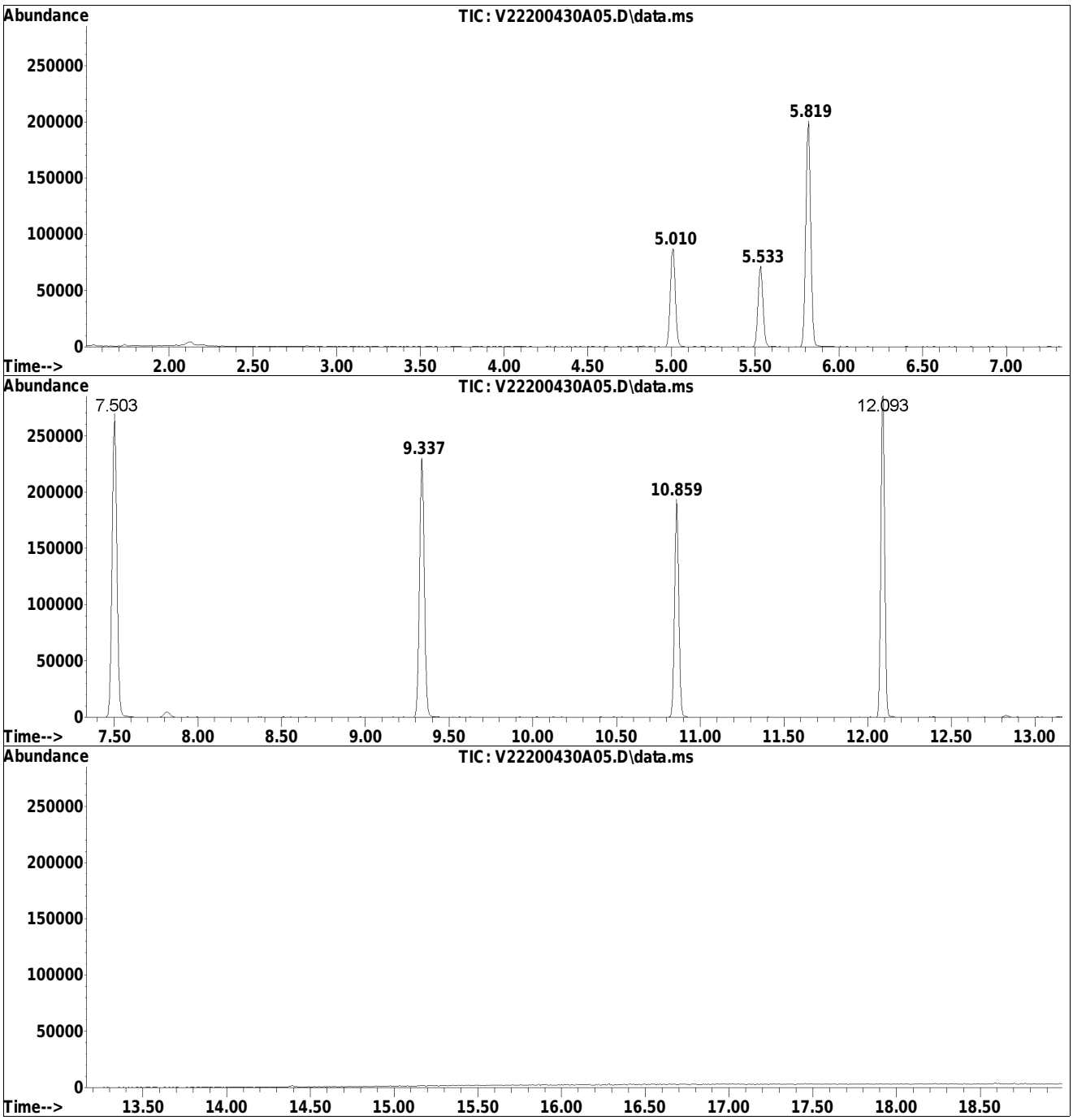
Sum of corrected areas: 2539911

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A05.D
Acq On : 30 Apr 2020 09:40 am
Operator : VOA122:PD
Sample : WG1366107-5,31,10,10
Misc : WG1366107,ICAL16648
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A05.D
Acq On : 30 Apr 2020 09:40 am
Operator : VOA122:PD
Sample : WG1366107-5,31,10,10
Misc : WG1366107,ICAL16648
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A05.D
Acq On : 30 Apr 2020 09:40 am
Operator : VOA122:PD
Sample : WG1366107-5,31,10,10
Misc : WG1366107,ICAL16648
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A05.D
Acq On : 30 Apr 2020 09:40 am
Operator : VOA122:PD
Sample : WG1366107-5,31,10,10
Misc : WG1366107,ICAL16648
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 30 10:01:50 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.819	96	202552	10.000	ug/L	0.00
Standard Area 1 = 210307			Recovery = 96.31%			
62) Chlorobenzene-d5	9.337	117	167703	10.000	ug/L	0.00
Standard Area 1 = 176227			Recovery = 95.16%			
83) 1,4-Dichlorobenzene-d4	12.093	152	81291	10.000	ug/L	0.00
Standard Area 1 = 91333			Recovery = 89.01%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.010	113	58874	10.993	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.93%			
46) 1,2-Dichloroethane-d4	5.533	65	56772	9.712	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.12%			
63) Toluene-d8	7.503	98	205388	9.767	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.67%			
87) 4-Bromofluorobenzene	10.859	95	69236	8.691	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 86.91%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.076	94	91	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.825	76	481	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
33) Cyclohexane	0.000		0	N.D.		
34) Chloroform	4.831	83	401	N.D.		
36) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A05.D
Acq On : 30 Apr 2020 09:40 am
Operator : VOA122:PD
Sample : WG1366107-5,31,10,10
Misc : WG1366107,ICAL16648
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 30 10:01:50 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D.	
44) Benzene	0.000		0		N.D.	
47) 1,2-Dichloroethane	0.000		0		N.D.	
50) Methyl cyclohexane	0.000		0		N.D.	
51) Trichloroethene	0.000		0		N.D.	
54) 1,2-Dichloropropane	0.000		0		N.D.	
57) Bromodichloromethane	0.000		0		N.D.	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	0.000		0		N.D.	
65) 4-Methyl-2-pentanone	0.000		0		N.D.	
66) Tetrachloroethene	0.000		0		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D.	
72) Chlorodibromomethane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D.	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	9.337	91	85		N.D.	
80) p/m Xylene	0.000		0		N.D.	
81) o Xylene	0.000		0		N.D.	
82) Styrene	0.000		0		N.D.	
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	0.000		0		N.D.	
91) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	12.016	146	72		N.D.	
105) 1,4-Dichlorobenzene	12.100	146	301		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	14.418	180	73		N.D.	

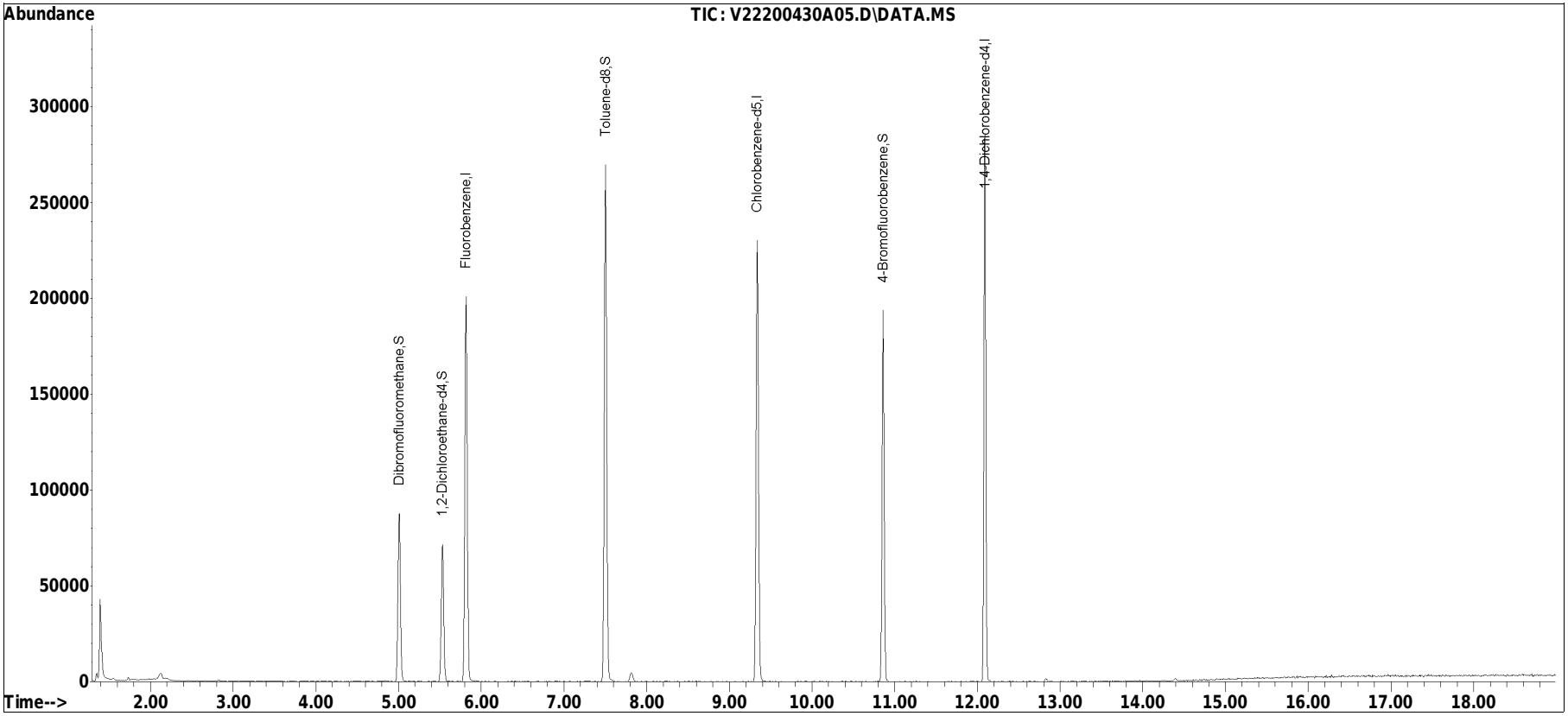
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A05.D
Acq On : 30 Apr 2020 09:40 am
Operator : VOA122:PD
Sample : WG1366107-5,31,10,10
Misc : WG1366107,ICAL16648
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 30 10:01:50 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox00430A\V22200430A01.D•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2020\2	QMethod	: V122_200406N_8260.m
Data File	: V22200430A05.D	Operator	: VOA122:PD
Date Inj'd	: 4/30/2020 9:40 am	Instrument	: VOA122
Sample	: WG1366107-5,31,10,10	Quant Date	: 4/30/2020 10:00 am

There are no manual integrations or false positives in this file.

GC/MS Extractable Analysis
Method 8270

Sample Results Summary

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 02:08
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.4	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 02:08
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 02:08
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 02:08
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	5.60	2.14	J
	Unknown Alkane	7.45	2.98	J
	Unknown Alkane	8.63	2.25	J
	Unknown	11.66	6.98	J
	Unknown	12.17	2.22	J
	Unknown	12.40	11.7	J
	Unknown	12.72	32.8	J
	Unknown	13.32	23.3	J
	Unknown	13.45	2.8	J
	Unknown	13.99	13.5	J
	Unknown	14.22	26.6	J
	Unknown	14.86	16.1	J
	Unknown	15.06	25.3	J
	Unknown	15.66	17.4	J
	Unknown	15.85	20.2	J
	Total TIC Compounds		206J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 02:34
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-02	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L2017383
Project Name	: PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: L2017383-02	Date Collected	: 04/27/20 09:51
Client ID	: MW-2	Date Received	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 04/30/20 02:34
Sample Matrix	: WATER	Date Extracted	: 04/28/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 17383-02	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 02:34
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-02	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 02:34
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-02	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 7

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	5.60	1.71	J
	Unknown Alkane	5.73	1.49	J
	Unknown Alkane	7.45	2.4	J
	Unknown	7.76	1.71	J
	Unknown Alkane	8.63	1.96	J
	Unknown Organic Acid	12.72	3.34	J
	Total TIC Compounds		12.6J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 03:01
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-03	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 03:01
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-03	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 03:01
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-03	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 03:01
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-03	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 10 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	5.60	2.33	J
	Unknown Alkane	5.73	1.67	J
	Unknown	7.00	1.49	J
	Unknown Alkane	7.45	3.09	J
	Unknown Benzene	7.76	2.18	J
	Unknown Alkane	8.63	2.25	J
010544-50-0	Cyclic octaatomic sulfur	11.66	10.5	NJ
	Unknown	12.72	4.47	J
	Unknown	13.92	1.89	J
	Total TIC Compounds		29.9J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L2017383
Project Name	: PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: L2017383-04	Date Collected	: 04/27/20 10:46
Client ID	: MW-4	Date Received	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 04/30/20 03:27
Sample Matrix	: WATER	Date Extracted	: 04/28/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 17383-04	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 03:27
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-04	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 03:27
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-04	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 03:27
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-04	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.40	1.64	J
	Unknown	4.67	1.45	J
	Total TIC Compounds		3.09J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L2017383
Project Name	: PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: WG1364962-1	Date Collected	: NA
Client ID	: WG1364962-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/28/20 11:17
Sample Matrix	: WATER	Date Extracted	: 04/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 364962-1	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV124
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L2017383
Project Name	: PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: WG1364962-1	Date Collected	: NA
Client ID	: WG1364962-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/28/20 11:17
Sample Matrix	: WATER	Date Extracted	: 04/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 364962-1	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV124
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1364962-1	**Date Collected**	: NA
Client ID	: WG1364962-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/28/20 11:17
Sample Matrix	: WATER	**Date Extracted**	: 04/27/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 364962-1	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	10.86	3.45	J
	Total TIC Compounds		3.45J	J

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 09/27/19 20:15
Tune Standard	: R1239760-1	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	45.9
68	Less than 2.0% of mass 69	0.9 (1.8)1
70	Less than 2.0% of mass 69	0.3 (.5)1
127	10.0 - 80.0% of Base Peak	60.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	19.5
365	Greater than 1.0% of mass 198	2
441	Present, but less than 24% of mass 442	16.6
442	Base Peak, or >50% of mass 198	61.4
443	15.0 - 24.0% of mass 442	11.8 (19.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1239760-8	ABNL10	09/27/19 20:42
ABNL9	R1239760-17	ABNL9	09/27/19 21:08
ABNL8	R1239760-15	ABNL8	09/27/19 21:35
ABNL7	R1239760-13	ABNL7	09/27/19 22:01
ABNL6	R1239760-14	ABNL6	09/27/19 22:28
ABNL5	R1239760-11	ABNL5	09/27/19 22:55
ABNL4	R1239760-12	ABNL4	09/27/19 23:21
ABNL3	R1239760-10	ABNL3	09/27/19 23:48
ABNL2	R1239760-9	ABNL2	09/28/19 00:15
ABNL1	R1239760-7	ABNL1	09/28/19 00:41
AP9L10	R1239760-28	AP9L10	09/28/19 01:08
AP9L9	R1239760-33	AP9L9	09/28/19 01:34
AP9L8	R1239760-35	AP9L8	09/28/19 02:01
AP9L7	R1239760-34	AP9L7	09/28/19 02:28
AP9L6	R1239760-36	AP9L6	09/28/19 02:54
AP9L5	R1239760-31	AP9L5	09/28/19 03:21
AP9L4	R1239760-29	AP9L4	09/28/19 03:48
AP9L3	R1239760-30	AP9L3	09/28/19 04:14
AP9L2	R1239760-32	AP9L2	09/28/19 04:41
AP9L1	R1239760-27	AP9L1	09/28/19 05:07
AP9 ICV Quant Report	R1239760-4	AP9ICV	09/28/19 06:01

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 09/28/19 06:27
Tune Standard	: R1239760-2	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	44.6
68	Less than 2.0% of mass 69	1 (1.8)1
70	Less than 2.0% of mass 69	0.3 (.5)1
127	10.0 - 80.0% of Base Peak	58.6
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 60.0% of Base Peak	19.6
365	Greater than 1.0% of mass 198	2
441	Present, but less than 24% of mass 442	16.3
442	Base Peak, or >50% of mass 198	53.5
443	15.0 - 24.0% of mass 442	10.8 (20.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R1239760-20	ADPL10	09/28/19 06:54
ADPL9	R1239760-25	ADPL9	09/28/19 07:20
ADPL8	R1239760-24	ADPL8	09/28/19 07:47
ADPL7	R1239760-26	ADPL7	09/28/19 08:13
ADPL6	R1239760-22	ADPL6	09/28/19 08:40
ADPL5	R1239760-21	ADPL5	09/28/19 09:07
ADPL4	R1239760-23	ADPL4	09/28/19 09:33
ADPL3	R1239760-19	ADPL3	09/28/19 10:00
ADPL2	R1239760-18	ADPL2	09/28/19 10:27
ADPL1	R1239760-16	ADPL1	09/28/19 10:53
ADP ICV Quant Report	R1239760-5	ADPICV	09/28/19 11:20

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 10/04/19 08:35
Tune Standard	: R1239760-3	**Tune File ID**	: Tune3_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	46.6
68	Less than 2.0% of mass 69	1 (1.7)1
70	Less than 2.0% of mass 69	0.4 (.7)1
127	10.0 - 80.0% of Base Peak	64.3
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	19.8
365	Greater than 1.0% of mass 198	1.9
441	Present, but less than 24% of mass 442	16
442	Base Peak, or >50% of mass 198	55.1
443	15.0 - 24.0% of mass 442	10.6 (19.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABN ICV Quant Report	R1239760-6	ABNICVB	10/04/19 13:02

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 04/29/20 19:24
Tune Standard	: WG1365800-1	**Tune File ID**	: Deg0429n_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	42.2
68	Less than 2.0% of mass 69	0.8 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.3 (.6)1
127	10.0 - 80.0% of Base Peak	51.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	20.7
365	Greater than 1.0% of mass 198	2.3
441	Present, but less than 24% of mass 442	16
442	Base Peak, or >50% of mass 198	77.6
443	15.0 - 24.0% of mass 442	15.2 (19.5)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1365800-3CCAL	WG1365800-3	ABN0429N	04/29/20 19:51
WG1365800-4CCAL	WG1365800-4	AP90429N	04/29/20 20:18
WG1365800-5CCAL	WG1365800-5	ADP0429N	04/29/20 20:45
MW-1	L2017383-01	17383-01	04/30/20 02:08
MW-2	L2017383-02	17383-02	04/30/20 02:34
MW-3	L2017383-03	17383-03	04/30/20 03:01
MW-4	L2017383-04	17383-04	04/30/20 03:27

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV124	**Analysis Date**	: 04/05/20 14:22
Tune Standard	: R1302539-34	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	35.7
68	Less than 2.0% of mass 69	0.5 (1.4)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	49.4
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 60.0% of Base Peak	23.6
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	15.9
442	Base Peak, or >50% of mass 198	67.6
443	15.0 - 24.0% of mass 442	12.6 (18.6)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1302539-2	ABNL10	04/05/20 14:46
ABNL9	R1302539-11	ABNL9	04/05/20 15:09
ABNL8	R1302539-8	ABNL8	04/05/20 15:33
ABNL7	R1302539-9	ABNL7	04/05/20 15:56
ABNL6	R1302539-6	ABNL6	04/05/20 16:20
ABNL5	R1302539-7	ABNL5	04/05/20 16:44
ABNL4	R1302539-5	ABNL4	04/05/20 17:07
ABNL3	R1302539-3	ABNL3	04/05/20 17:31
ABNL2	R1302539-4	ABNL2	04/05/20 17:54
ABNL1	R1302539-1	ABNL1	04/05/20 18:18
AP9L10	R1302539-21	AP9L10	04/05/20 18:41
AP9L9	R1302539-29	AP9L9	04/05/20 19:05
AP9L8	R1302539-30	AP9L8	04/05/20 19:29
AP9L7	R1302539-26	AP9L7	04/05/20 19:53
AP9L6	R1302539-27	AP9L6	04/05/20 20:17
AP9L5	R1302539-28	AP9L5	04/05/20 20:41
AP9L4	R1302539-24	AP9L4	04/05/20 21:05
AP9L3	R1302539-25	AP9L3	04/05/20 21:29
AP9L2	R1302539-23	AP9L2	04/05/20 21:53
AP9L1	R1302539-22	AP9L1	04/05/20 22:17
ABN ICV Quant Report	R1302539-31	ABNICV	04/05/20 22:41
AP9 ICV Summary Form	R1302539-33	AP9ICV	04/05/20 23:05

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV124	**Analysis Date**	: 04/05/20 23:28
Tune Standard	: R1302539-35	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	32.9
68	Less than 2.0% of mass 69	0.5 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.1 (.5)1
127	10.0 - 80.0% of Base Peak	47.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 60.0% of Base Peak	23.8
365	Greater than 1.0% of mass 198	2.8
441	Present, but less than 24% of mass 442	15.9
442	Base Peak, or >50% of mass 198	70.3
443	15.0 - 24.0% of mass 442	13.4 (19.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R1302539-13	ADPL10	04/05/20 23:52
ADPL9	R1302539-20	ADPL9	04/06/20 00:15
ADPL8	R1302539-19	ADPL8	04/06/20 00:39
ADPL7	R1302539-18	ADPL7	04/06/20 01:02
ADPL6	R1302539-16	ADPL6	04/06/20 01:26
ADPL5	R1302539-17	ADPL5	04/06/20 01:49
ADPL4	R1302539-15	ADPL4	04/06/20 02:12
ADPL3	R1302539-14	ADPL3	04/06/20 02:35
ADPL2	R1302539-12	ADPL2	04/06/20 02:59
ADPL1	R1302539-10	ADPL1	04/06/20 03:22
ADP ICV Quant Report	R1302539-32	ADPICV	04/06/20 03:46

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV124	**Analysis Date**	: 04/28/20 09:43
Tune Standard	: WG1365230-1	**Tune File ID**	: Deg0428_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	41.9
68	Less than 2.0% of mass 69	0.6 (1.5)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	53.8
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	21.5
365	Greater than 1.0% of mass 198	2.5
441	Present, but less than 24% of mass 442	15.9
442	Base Peak, or >50% of mass 198	58.1
443	15.0 - 24.0% of mass 442	11 (18.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1365230-3CCAL	WG1365230-3	ABN0428	04/28/20 10:06
WG1365230-4CCAL	WG1365230-4	AP90428	04/28/20 10:30
WG1365230-5CCAL	WG1365230-5	ADP0428	04/28/20 10:53
WG1364962-1BLANK	WG1364962-1	364962-1	04/28/20 11:17
WG1364962-2LCS	WG1364962-2	364962-2	04/28/20 11:41
WG1364962-3LCSD	WG1364962-3	364962-3	04/28/20 12:04

Blank Results Summary

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab Sample ID	: WG1364962-1	**Lab File ID**	: 364962-1
Instrument ID	: SV124	**Extraction Date**	: 04/27/20
Matrix	: WATER	**Analysis Date**	: 04/28/20 11:17
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1364962-2LCS	WG1364962-2	04/28/20 11:41
WG1364962-3LCSD	WG1364962-3	04/28/20 12:04
MW-1	L2017383-01	04/30/20 02:08
MW-2	L2017383-02	04/30/20 02:34
MW-3	L2017383-03	04/30/20 03:01
MW-4	L2017383-04	04/30/20 03:27

Standards Data Summary

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL16200**
Calibration dates	**: 09/27/19 20:42 09/28/19 10:53**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.620	0.597	0.608	0.609	0.624	0.557	0.591	0.601	0.528	0.511	0.585	6.67
3)	t	Pyridine	0.906	0.703	0.991	0.905	0.994	0.924	0.936	0.969	0.877	0.827	0.903	9.64
4)	S	2-Fluorophenol	0.717	0.746	0.770	0.812	0.828	0.841	0.850	0.859	0.786	0.760	0.797	6.08
5)	T	Aniline	1.262	1.476	1.393	1.462	1.473	1.440	1.480	1.425	1.333	1.291	1.403	5.77
6)	t	2-Chlorophenol	0.735	0.824	0.858	0.896	0.918	0.897	0.916	0.888	0.840	0.819	0.859	6.60
7)	S	Phenol-d6	0.895	0.893	1.034	1.072	1.133	1.099	1.139	1.119	1.044	1.017	1.045	8.58
8)	T	Phenol	1.089	1.123	1.156	1.215	1.225	1.205	1.201	1.199	1.113	1.077	1.160	4.80
9)	T	bis(2-Chloroethyl)ether	1.013	1.006	0.957	1.013	1.037	0.963	0.976	0.952	0.885	0.862	0.966	5.86
10)	T	1,3-Dichlorobenzene		1.032	1.032	1.007	1.061	0.987	1.010	1.000	0.918	0.889	0.993	5.60
11)	T	1,4-Dichlorobenzene		1.044	1.069	1.097	1.075	1.013	1.022	1.025	0.942	0.916	1.023	5.89
12)	T	1,2-Dichlorobenzene		0.991	0.953	1.025	1.048	0.962	0.967	0.969	0.866	0.875	0.962	6.29
13)	t	Benzyl alcohol	0.747	0.778	0.799	0.839	0.891	0.882	0.925	0.913	0.853	0.835	0.846	6.91
14)	T	bis(2-chloroisopropyl)ether	1.101	1.115	1.096	1.126	1.148	1.099	1.102	1.061	0.954	0.916	1.072	7.09
15)	T	2-Methylphenol	0.654	0.780	0.758	0.804	0.845	0.839	0.873	0.861	0.808	0.769	0.799	8.03
16)	T	Hexachloroethane	0.456	0.419	0.423	0.449	0.450	0.416	0.425	0.411	0.382	0.374	0.421	6.50
17)	T	n-Nitrosodi-n-propylamine	0.685	0.713	0.687	0.733	0.738	0.736	0.785	0.741	0.692	0.671	0.718	4.84
18)	T	3-Methylphenol/4-Methylphenol	0.769	0.772	0.810	0.904	0.957	0.888	0.938	0.914	0.850	0.822	0.862	7.85
19)	S	Nitrobenzene-d5	1.365	1.336	1.354	1.468	1.488	1.421	1.515	1.454	1.331	1.288	1.402	5.51
20)	T	Nitrobenzene	1.058	1.098	1.119	1.227	1.253	1.160	1.222	1.180	1.085	1.045	1.145	6.50
21)	T	Isophorone	1.618	1.739	1.800	1.961	2.046	1.994	2.094	2.039	1.921	1.900	1.911	7.90
22)	T	2-Nitrophenol				0.401	0.419	0.432	0.456	0.453	0.434	0.421	0.431	4.51
23)	T	2,4-Dimethylphenol	0.749	0.921	0.949	1.014	1.068	1.025	1.072	1.051	0.978	0.917	0.974	10.02
24)	T	bis(2-Chloroethoxy)methane		1.208	1.278	1.289	1.344	1.224	1.289	1.244	1.123	1.110	1.234	6.34
25)	T	2,4-Dichlorophenol		0.531	0.640	0.710	0.741	0.729	0.783	0.766	0.695	0.696	0.699	10.85
26)	T	1,2,4-Trichlorobenzene		0.835	0.831	0.859	0.816	0.783	0.783	0.776	0.732	0.717	0.793	6.01
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.741	0.732	0.744	0.794	0.841	0.816	0.798	0.844	0.843	0.812	0.797	5.49
29)	T	Acetophenone	1.225	1.283	1.325	1.370	1.474	1.464	1.436	1.485	1.531	1.473	1.407	7.14
30)	T	m-Toluidine		1.013	1.200	1.271	1.394	1.417	1.423	1.528	1.548	1.477	1.363	12.70
31)	T	2-Chloroaniline	0.919	0.963	1.076	1.095	1.157	1.159	1.159	1.228	1.251	1.177	1.118	9.63
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	n-Decane	0.899	0.894	0.862	0.949	0.932	0.979	0.977	0.965	0.985	0.959	0.940	4.47
34)	I	IS1_Naphthalene-d8	----------ISTD----------											
35)	T	Naphthalene		1.124	1.159	1.170	1.188	1.161	1.119	1.140	1.128	1.133	1.147	2.06
36)	T	Benzoic Acid					0.166	0.200	0.256	0.278	0.315	0.323	*L	0.9987

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL16200**
Calibration dates	**: 09/27/19 20:42 09/28/19 10:53**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37)	T	4-Chloroaniline	0.107	0.160	0.143	0.153	0.171	0.167	0.166	0.169	0.163	0.165	0.156	12.35
38)	T	Hexachlorobutadiene	0.165	0.177	0.178	0.175	0.173	0.179	0.172	0.175	0.174	0.178	0.175	2.30
39)	T	p-Chloro-m-cresol		0.260	0.301	0.329	0.363	0.363	0.370	0.377	0.383	0.378	0.347	12.15
40)	T	2-Methylnaphthalene		0.670	0.719	0.739	0.744	0.734	0.716	0.753	0.728	0.739	0.727	3.35
41)	T	1-Methylnaphthalene		0.310	0.316	0.327	0.337	0.318	0.315	0.324	0.308	0.310	0.318	2.97
42)	T	Hexachlorocyclopentadiene			0.191	0.200	0.197	0.207	0.213	0.224	0.225	0.222	0.210	6.29
43)	T	2,4,6-Trichlorophenol			0.165	0.205	0.199	0.217	0.220	0.234	0.238	0.238	0.214	11.50
44)	T	2,4,5-Trichlorophenol			0.197	0.210	0.226	0.232	0.240	0.251	0.239	0.247	0.230	8.06
45)	S	2-Fluorobiphenyl	1.052	1.033	1.030	1.072	1.087	1.052	1.040	1.078	1.056	1.057	1.056	1.78
46)	T	2-Chloronaphthalene	0.649	0.711	0.712	0.727	0.738	0.710	0.706	0.735	0.717	0.731	0.714	3.57
47)	T	2-Nitroaniline			0.171	0.190	0.207	0.215	0.238	0.246	0.239	0.236	0.218	12.35
48)	T	1,4-Dinitrobenzene					0.100	0.105	0.107	0.117	0.116	0.115	0.110	6.36
49)	T	1,3-Dinitrobenzene				0.100	0.116	0.121	0.126	0.128	0.124	0.125	0.120	8.06
50)	T	Dimethyl phthalate	1.037	0.913	0.876	0.866	0.887	0.873	0.856	0.854	0.812	0.804	0.878	7.36
51)	T	Acenaphthylene	0.971	0.946	1.067	1.091	1.151	1.145	1.131	1.179	1.148	1.144	1.097	7.27
52)	T	2,6-Dinitrotoluene			0.143	0.162	0.178	0.178	0.180	0.190	0.180	0.185	0.175	8.68
53)	T	1,2-Dinitrobenzene			0.067	0.068	0.077	0.077	0.079	0.081	0.079	0.077	0.076	6.97
54)	I	IS2_Naphthalene-d8	----------ISTD----------											
55)	T	a-Terpineol		0.227	0.269	0.274	0.295	0.294	0.314	0.319	0.336	0.315	0.294	11.27
56)	T	3-Chloroaniline	0.139	0.152	0.172	0.177	0.182	0.179	0.186	0.193	0.196	0.185	0.176	10.11
57)	T	2,6-Dichlorophenol			0.233	0.247	0.268	0.281	0.293	0.294	0.318	0.299	0.279	10.17
58)	T	1-chloro-2-nitrobenzene			0.168	0.163	0.175	0.167	0.181	0.177	0.186	0.177	0.174	4.37
59)	T	Caprolactam			0.088	0.100	0.122	0.140	0.160	0.159	0.173	0.162	*L	0.9982
60)	T	1,2,4,5-Tetrachlorobenzene	0.302	0.299	0.299	0.308	0.319	0.315	0.312	0.299	0.330	0.306	0.309	3.34
61)	T	Biphenyl	0.811	0.819	0.880	0.857	0.930	0.891	0.911	0.900	0.936	0.875	0.881	4.80
62)	I	IS1_Acenaphthene-d10	----------ISTD----------											
63)	T	3-Nitroaniline			0.306	0.338	0.363	0.357	0.363	0.365	0.392	0.357	0.355	6.95
64)	T	Acenaphthene		1.250	1.230	1.208	1.197	1.171	1.152	1.164	1.252	1.164	1.199	3.22
65)	T	2,4-Dinitrophenol					0.130	0.147	0.174	0.183	0.218	0.205	*L	0.9970
66)	T	Dibenzofuran		1.881	1.922	1.866	1.949	1.766	1.759	1.784	1.820	1.728	1.830	4.24
67)	T	2,4-Dinitrotoluene			0.349	0.412	0.456	0.426	0.429	0.461	0.475	0.461	0.434	9.29
68)	T	4-Nitrophenol				0.314	0.330	0.352	0.358	0.383	0.410	0.383	0.362	9.15
69)	T	2,3,5,6-Tetrachlorophenol				0.274	0.290	0.291	0.305	0.321	0.329	0.327	0.305	6.89
70)	T	2,3,4,6-Tetrachlorophenol			0.248	0.292	0.309	0.295	0.312	0.317	0.328	0.317	0.302	8.26
71)	T	Diethyl phthalate	1.448	1.510	1.574	1.544	1.577	1.537	1.532	1.595	1.663	1.573	1.555	3.64
72)	T	Fluorene	1.282	1.336	1.501	1.438	1.479	1.394	1.397	1.422	1.486	1.421	1.416	4.81

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL16200**
Calibration dates	**: 09/27/19 20:42 09/28/19 10:53**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
73)	T	4-Chlorophenyl-phenylether		0.684	0.681	0.694	0.673	0.657	0.651	0.658	0.673	0.638	0.668	2.69
74)	T	4-Nitroaniline			0.318	0.376	0.381	0.371	0.410	0.401	0.427	0.393	0.385	8.49
75)	T	4,6-Dinitro-o-cresol				0.175	0.200	0.214	0.239	0.266	0.295	0.274	*L	0.9970
76)	T	NDPA/DPA	1.046	1.140	1.284	1.269	1.315	1.261	1.277	1.282	1.348	1.275	1.250	7.12
77)	T	Azobenzene		1.580	1.701	1.794	1.795	1.732	1.751	1.736	1.845	1.705	1.738	4.34
78)	S	2,4,6-Tribromophenol			0.099	0.112	0.117	0.125	0.128	0.134	0.149	0.146	0.126	13.22
79)	T	4-Bromophenyl-phenylether	0.288	0.328	0.334	0.316	0.333	0.311	0.336	0.323	0.345	0.340	0.325	5.21
80)	T	Hexachlorobenzene	0.306	0.305	0.318	0.308	0.309	0.302	0.308	0.321	0.338	0.334	0.315	3.99
81)	T	Pentachlorophenol				0.155	0.178	0.187	0.203	0.226	0.256	0.242	*L	0.9971
82)	I	IS2_Acenaphthene-d10	----------ISTD----------											
83)	T	Dichloran				0.091	0.117	0.130	0.152	0.167	0.181	0.175	*Q	0.9989
84)	T	Pentachloronitrobenzene			0.114	0.130	0.154	0.152	0.148	0.165	0.167	0.158	0.148	12.07
85)	I	IS3_Acenaphthene-d10	----------ISTD----------											
86)	T	Atrazine		0.182	0.207	0.239	0.295	0.328	0.356	0.357	0.390	0.395	*Q	0.9989
87)	I	IS1_Phenanthrene-d10	----------ISTD----------											
88)	T	Phenanthrene		1.243	1.205	1.197	1.224	1.188	1.235	1.212	1.253	1.207	1.218	1.79
89)	T	Anthracene	1.022	1.095	1.148	1.189	1.247	1.208	1.236	1.264	1.264	1.256	1.193	6.84
90)	T	Carbazole		0.812	0.995	1.103	1.124	1.144	1.205	1.191	1.226	1.170	1.108	11.76
91)	T	Di-n-butylphthalate			1.032	1.168	1.367	1.415	1.527	1.573	1.679	1.595	*L	0.9990
92)	T	Fluoranthene	1.047	1.056	1.152	1.241	1.322	1.306	1.372	1.380	1.467	1.340	1.268	11.16
93)	T	Benzidine					0.742	0.836	0.990	1.008	1.093	1.005	0.946	13.74
94)	T	Pyrene	1.170	1.210	1.242	1.329	1.465	1.402	1.484	1.479	1.542	1.473	1.380	9.59
95)	S	4-Terphenyl-d14		0.872	0.898	0.923	1.009	0.960	1.047	1.057	1.094	1.027	0.987	7.84
96)	T	Butyl benzyl phthalate			0.334	0.424	0.516	0.592	0.688	0.705	0.758	0.718	*L	0.9984
97)	I	IS2_Phenanthrene-d10	----------ISTD----------											
98)	T	Diphenamid			0.333	0.395	0.464	0.505	0.549	0.574	0.579	0.585	0.498	18.83
99)	I	IS3_Phenanthrene-d10	----------ISTD----------											
100)	T	n-Octadecane			0.415	0.472	0.489	0.523	0.547	0.522	0.544	0.538	0.506	8.95
101)	T	Parathion			0.047	0.064	0.075	0.097	0.136	0.141	0.181	0.181	*Q	0.9982
102)	T	3,3'-Dimethylbenzidine			0.195	0.297	0.389	0.502	0.678	0.690	0.810		*Q	0.9996
103)	I	IS1_Chrysene-d12	----------ISTD----------											
104)	T	Benzo[a]anthracene	1.145	1.170	1.225	1.316	1.394	1.383	1.417	1.456	1.498	1.480	1.348	9.53
105)	T	3,3'-Dichlorobenzidine			0.286	0.357	0.418	0.449	0.489	0.504	0.523	0.529	*L	0.9996
106)	T	Chrysene	1.626	1.399	1.518	1.390	1.474	1.456	1.408	1.421	1.452	1.474	1.462	4.78
107)	T	bis(2-Ethylhexyl)phthalate		0.399	0.615	0.807	0.968	1.076	1.130	1.181	1.221	1.250	*L	0.9872
108)	T	Di-n-octylphthalate			0.727	1.062	1.358	1.628	1.872	2.008	2.121	2.209	*L	0.9980

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL16200**
Calibration dates	**: 09/27/19 20:42 09/28/19 10:53**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
109)	T	Benzo(b)fluoranthene		0.983	1.207	1.375	1.369	1.305	1.279	1.265	1.411	1.484	1.298	11.15
110)	T	Benzo(k)fluoranthene		1.000	1.106	1.156	1.192	1.182	1.275	1.322	1.347	1.300	1.209	9.37
111)	T	Benzo(a)pyrene		0.735	0.935	1.166	1.164	1.226	1.245	1.312	1.344	1.338	*L	0.9995
112)	I	IS1_Perylene-d12	----------ISTD----------											
113)	T	Indeno(1,2,3-cd)pyrene		0.787	0.815	0.955	1.109	1.083	1.154	1.108	1.223	1.159	1.044	14.91
114)	T	Dibenzo[a,h]anthracene		0.854	0.982	1.073	1.169	1.161	1.236	1.160	1.214	1.147	1.111	11.04
115)	T	Benzo(g,h,i)perylene	0.876	1.002	1.023	1.077	1.127	1.170	1.222	1.134	1.063		1.077	9.56

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL16655**
Calibration dates	**: 04/05/20 14:46 04/06/20 03:22**		

Calibration Files
L1 =AP9L1.d L2 =AP9L2.d L3 =AP9L3.d L4 =AP9L4.d L5 =AP9L5.d L6 =AP9L6.d L7 =AP9L7.d
L8 =AP9L8.d L9 =AP9L9.d L10 =AP9L10.d

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine		0.387	0.446	0.420	0.413	0.406	0.408	0.458	0.448	0.460	0.427	6.14
3)	t	Pyridine		0.579	0.689	0.709	0.678	0.603	0.677	0.719	0.736	0.781	0.686	9.19
4)	S	2-Fluorophenol	0.690	0.641	0.744	0.693	0.690	0.680	0.679	0.775	0.743	0.785	0.712	6.60
5)	T	Aniline		1.061	1.172	1.099	1.097	1.093	1.098	1.246	1.188	1.218	1.141	5.75
6)	t	2-Chlorophenol		0.773	0.851	0.789	0.792	0.783	0.793	0.894	0.876	0.889	0.827	6.03
7)	S	Phenol-d6	0.783	0.790	0.859	0.815	0.828	0.803	0.829	0.939	0.916	0.948	0.851	7.28
8)	T	Phenol		0.891	1.024	0.940	0.960	0.927	0.961	1.087	1.033	1.076	0.989	6.93
9)	T	bis(2-Chloroethyl)ether		0.671	0.775	0.704	0.696	0.676	0.676	0.760	0.737	0.742	0.715	5.45
10)	T	1,3-Dichlorobenzene		1.006	1.042	0.930	0.922	0.876	0.888	0.997	0.949	0.968	0.953	5.83
11)	T	1,4-Dichlorobenzene		0.967	1.039	0.951	0.939	0.900	0.907	1.001	0.964	0.974	0.960	4.52
12)	T	1,2-Dichlorobenzene		0.939	1.023	0.904	0.891	0.863	0.855	0.966	0.927	0.943	0.924	5.70
13)	t	Benzyl alcohol		0.458	0.550	0.532	0.533	0.528	0.548	0.649	0.627	0.654	0.564	11.57
14)	T	bis(2-chloroisopropyl)ether	1.036	0.949	0.998	0.941	0.930	0.922	0.924	1.032	0.995	1.005	0.973	4.60
15)	T	2-Methylphenol		0.627	0.721	0.665	0.669	0.666	0.689	0.777	0.745	0.761	0.702	7.28
16)	T	Hexachloroethane		0.334	0.382	0.339	0.337	0.340	0.333	0.371	0.366	0.372	0.353	5.52
17)	T	n-Nitrosodi-n-propylamine		0.424	0.474	0.451	0.442	0.460	0.477	0.548	0.533	0.548	0.484	9.74
18)	T	3-Methylphenol/4-Methylphenol		0.676	0.737	0.705	0.710	0.713	0.728	0.835	0.786	0.805	0.744	7.12
19)	S	Nitrobenzene-d5	0.675	0.684	0.761	0.700	0.695	0.698	0.733	0.834	0.802	0.813	0.740	7.97
20)	T	Nitrobenzene	0.650	0.641	0.748	0.692	0.693	0.709	0.731	0.828	0.790	0.797	0.728	8.63
21)	T	Isophorone	1.160	1.147	1.275	1.215	1.236	1.271	1.330	1.525	1.476	1.498	1.313	10.64
22)	T	2-Nitrophenol				0.362	0.379	0.399	0.414	0.485	0.480	0.492	0.430	12.61
23)	T	2,4-Dimethylphenol	0.704	0.680	0.725	0.716	0.727	0.727	0.748	0.842	0.831	0.839	0.754	8.00
24)	T	bis(2-Chloroethoxy)methane		0.878	0.971	0.893	0.871	0.883	0.887	1.019	0.954	0.972	0.925	5.85
25)	T	2,4-Dichlorophenol		0.604	0.685	0.673	0.675	0.679	0.693	0.805	0.759	0.775	0.705	8.84
26)	T	1,2,4-Trichlorobenzene		0.751	0.840	0.758	0.759	0.743	0.751	0.846	0.800	0.806	0.784	5.11
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde			0.628	0.651	0.595	0.654	0.682	0.692	0.729	0.704	0.667	6.52
29)	T	Acetophenone			1.126	1.104	1.015	1.159	1.191	1.222	1.291	1.247	1.169	7.51
30)	T	m-Toluidine			1.118	1.097	1.022	1.114	1.178	1.213	1.289	1.215	1.156	7.27
31)	T	2-Chloroaniline		0.962	1.063	1.084	0.995	1.112	1.144	1.146	1.232	1.177	1.101	7.80
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	n-Decane	0.724	0.808	0.853	0.816	0.778	0.804	0.839	0.837	0.870	0.869	0.820	5.44
34)	I	IS1_Naphthalene-d8	----------ISTD----------											
35)	T	Naphthalene		1.032	1.064	0.991	0.998	0.982	1.018	1.031	1.021	1.025	1.018	2.47
36)	T	Benzoic Acid					0.099	0.136	0.193	0.220	0.257	0.265	*L	0.9980

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL16655**
Calibration dates	**: 04/05/20 14:46 04/06/20 03:22**		

Calibration Files
L1 =AP9L1.d L2 =AP9L2.d L3 =AP9L3.d L4 =AP9L4.d L5 =AP9L5.d L6 =AP9L6.d L7 =AP9L7.d
L8 =AP9L8.d L9 =AP9L9.d L10 =AP9L10.d

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37)	T	4-Chloroaniline			0.111	0.110	0.109	0.113	0.116	0.119	0.120	0.121	0.115	4.26
38)	T	Hexachlorobutadiene		0.168	0.176	0.173	0.169	0.168	0.173	0.176	0.178	0.180	0.174	2.50
39)	T	p-Chloro-m-cresol		0.215	0.249	0.250	0.246	0.261	0.279	0.293	0.299	0.304	0.266	11.13
40)	T	2-Methylnaphthalene		0.699	0.701	0.656	0.664	0.656	0.695	0.705	0.711	0.721	0.690	3.57
41)	T	1-Methylnaphthalene		0.226	0.242	0.234	0.223	0.227	0.232	0.242	0.242	0.246	0.235	3.63
42)	T	Hexachlorocyclopentadiene			0.222	0.216	0.212	0.215	0.231	0.242	0.253	0.257	0.231	7.69
43)	T	2,4,6-Trichlorophenol			0.185	0.191	0.189	0.199	0.216	0.222	0.230	0.239	0.209	9.82
44)	T	2,4,5-Trichlorophenol			0.189	0.200	0.208	0.215	0.230	0.242	0.246	0.249	0.222	10.23
45)	S	2-Fluorobiphenyl	0.793	0.756	0.783	0.751	0.730	0.727	0.763	0.776	0.770	0.770	0.762	2.81
46)	T	2-Chloronaphthalene	0.623	0.623	0.676	0.640	0.633	0.635	0.663	0.682	0.679	0.686	0.654	3.92
47)	T	2-Nitroaniline			0.162	0.168	0.174	0.185	0.212	0.228	0.237	0.246	0.201	16.55
48)	T	1,4-Dinitrobenzene					0.081	0.090	0.098	0.108	0.114	0.118	0.102	14.16
49)	T	1,3-Dinitrobenzene				0.092	0.097	0.104	0.117	0.124	0.127	0.131	0.113	13.69
50)	T	Dimethyl phthalate	0.669	0.725	0.762	0.765	0.748	0.763	0.806	0.838	0.830	0.832	0.774	6.97
51)	T	Acenaphthylene	0.894	0.890	0.982	0.982	0.990	1.014	1.064	1.085	1.074	1.083	1.006	7.25
52)	T	2,6-Dinitrotoluene			0.127	0.139	0.148	0.155	0.168	0.181	0.181	0.183	0.160	13.33
53)	T	1,2-Dinitrobenzene				0.063	0.064	0.066	0.074	0.077	0.078	0.080	0.072	9.84
54)	I	IS2_Naphthalene-d8	----------ISTD----------											
55)	T	a-Terpineol		0.217	0.227	0.221	0.209	0.231	0.245	0.253	0.271	0.264	0.238	9.20
56)	T	3-Chloroaniline				0.125	0.125	0.134	0.132	0.134	0.143	0.133	0.132	4.70
57)	T	2,6-Dichlorophenol			0.242	0.261	0.248	0.278	0.287	0.292	0.310	0.299	0.277	8.95
58)	T	1-chloro-2-nitrobenzene			0.116	0.125	0.114	0.130	0.131	0.134	0.143	0.139	0.129	7.99
59)	T	Caprolactam			0.085	0.102	0.097	0.117	0.129	0.134	0.152	0.145	0.120	19.86
60)	T	1,2,4,5-Tetrachlorobenzene			0.316	0.319	0.292	0.308	0.315	0.314	0.328	0.318	0.314	3.33
61)	T	Biphenyl		0.841	0.870	0.845	0.780	0.857	0.857	0.837	0.873	0.830	0.843	3.32
62)	I	IS1_Acenaphthene-d10	----------ISTD----------											
63)	T	3-Nitroaniline			0.272	0.322	0.317	0.340	0.361	0.377	0.389	0.407	0.348	12.67
64)	T	Acenaphthene		1.122	1.191	1.088	1.073	1.069	1.123	1.134	1.153	1.182	1.126	3.93
65)	T	2,4-Dinitrophenol					0.119	0.145	0.175	0.199	0.222	0.230	*L	0.9983
66)	T	Dibenzofuran		1.851	1.944	1.834	1.756	1.788	1.820	1.843	1.842	1.858	1.837	2.81
67)	T	2,4-Dinitrotoluene			0.334	0.359	0.373	0.402	0.434	0.461	0.472	0.490	0.416	13.77
68)	T	4-Nitrophenol				0.220	0.231	0.240	0.267	0.275	0.286	0.297	0.259	11.34
69)	T	2,3,5,6-Tetrachlorophenol				0.316	0.313	0.333	0.358	0.369	0.386	0.399	0.353	9.66
70)	T	2,3,4,6-Tetrachlorophenol			0.311	0.327	0.320	0.330	0.353	0.368	0.379	0.396	0.348	8.81
71)	T	Diethyl phthalate	1.275	1.308	1.411	1.409	1.379	1.423	1.499	1.553	1.574	1.623	1.445	7.92
72)	T	Fluorene	1.346	1.322	1.445	1.375	1.323	1.359	1.388	1.418	1.440	1.480	1.389	3.91

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL16655**
Calibration dates	**: 04/05/20 14:46 04/06/20 03:22**		

Calibration Files
L1 =AP9L1.d L2 =AP9L2.d L3 =AP9L3.d L4 =AP9L4.d L5 =AP9L5.d L6 =AP9L6.d L7 =AP9L7.d
L8 =AP9L8.d L9 =AP9L9.d L10 =AP9L10.d

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD	
73)	T	4-Chlorophenyl-phenylether		0.674	0.718	0.676	0.649	0.652	0.664	0.674	0.689	0.704	0.678	3.37	
74)	T	4-Nitroaniline			0.292	0.328	0.330	0.357	0.386	0.407	0.420	0.435	0.369	13.75	
75)	T	4,6-Dinitro-o-cresol				0.166	0.176	0.206	0.246	0.267	0.286	0.299		*L	0.9981
76)	T	NDPA/DPA	0.993	1.042	1.176	1.139	1.122	1.155	1.210	1.245	1.258	1.285	1.163	8.06	
77)	T	Azobenzene		1.034	1.177	1.177	1.166	1.203	1.253	1.279	1.286	1.308	1.209	6.98	
78)	S	2,4,6-Tribromophenol		0.131	0.183	0.184	0.184	0.193	0.206	0.214	0.224	0.234	0.195	15.58	
79)	T	4-Bromophenyl-phenylether	0.369	0.350	0.408	0.378	0.362	0.368	0.386	0.399	0.407	0.427	0.385	6.31	
80)	T	Hexachlorobenzene	0.431	0.429	0.486	0.460	0.440	0.432	0.447	0.462	0.470	0.487	0.454	4.85	
81)	T	Pentachlorophenol				0.223	0.238	0.241	0.273	0.298	0.314	0.332	0.274	15.24	
82)	I	IS2_Acenaphthene-d10	----------ISTD----------												
83)	T	Dichloran				0.115	0.105	0.127	0.156	0.172	0.204	0.202		*Q	0.9976
84)	T	Pentachloronitrobenzene			0.129	0.147	0.135	0.160	0.185	0.186	0.207	0.202		*Q	0.9983
85)	I	IS3_Acenaphthene-d10	----------ISTD----------												
86)	T	Atrazine		0.237	0.275	0.286	0.276	0.301	0.338	0.357	0.402	0.456		*Q	0.9996
87)	I	IS1_Phenanthrene-d10	----------ISTD----------												
88)	T	Phenanthrene		1.115	1.166	1.082	1.071	1.067	1.097	1.114	1.110	1.141	1.107	2.92	
89)	T	Anthracene	0.995	0.963	1.104	1.029	1.053	1.047	1.120	1.152	1.152	1.172	1.079	6.67	
90)	T	Carbazole		0.882	0.979	0.966	0.986	0.988	1.063	1.084	1.089	1.110	1.016	7.35	
91)	T	Di-n-butylphthalate			0.995	1.012	1.044	1.113	1.239	1.331	1.375	1.397	1.188	14.09	
92)	T	Fluoranthene	1.100	1.080	1.174	1.140	1.154	1.155	1.234	1.280	1.294	1.332	1.194	7.19	
93)	T	Benzidine					0.632	0.685	0.821	0.893	0.945	0.981	0.826	17.13	
94)	T	Pyrene	1.142	1.164	1.274	1.234	1.219	1.247	1.320	1.358	1.362	1.382	1.270	6.59	
95)	S	4-Terphenyl-d14	0.759	0.733	0.821	0.800	0.769	0.787	0.842	0.891	0.885	0.906	0.819	7.33	
96)	T	Butyl benzyl phthalate			0.348	0.386	0.393	0.420	0.526	0.596	0.643	0.680		*Q	0.9984
97)	I	IS2_Phenanthrene-d10	----------ISTD----------												
98)	T	Diphenamid			0.359	0.384	0.367	0.428	0.478	0.505	0.553	0.549	0.453	17.53	
99)	I	IS3_Phenanthrene-d10	----------ISTD----------												
100)	T	n-Octadecane			0.346	0.351	0.340	0.379	0.414	0.415	0.433	0.442	0.390	10.53	
101)	T	Parathion			0.055	0.057	0.052	0.063	0.082	0.089	0.120	0.139		*Q	0.9993
102)	T	3,3'-Dimethylbenzidine			0.380	0.412	0.395	0.511	0.643	0.672	0.786	0.873		*Q	0.9989
103)	I	IS1_Chrysene-d12	----------ISTD----------												
104)	T	Benzo[a]anthracene	1.105	1.103	1.189	1.133	1.143	1.175	1.270	1.287	1.305	1.310	1.202	6.93	
105)	T	3,3'-Dichlorobenzidine			0.364	0.384	0.396	0.421	0.489	0.508	0.524	0.537	0.453	15.30	
106)	T	Chrysene	1.321	1.252	1.294	1.190	1.166	1.157	1.209	1.215	1.199	1.234	1.224	4.31	
107)	T	bis(2-Ethylhexyl)phthalate		0.453	0.526	0.599	0.620	0.684	0.828	0.894	0.921			*Q	0.9966
108)	T	Di-n-octylphthalate			0.793	0.892	0.954	1.071	1.365	1.523	1.632	1.686		*Q	0.9980

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL16655**
Calibration dates	**: 04/05/20 14:46 04/06/20 03:22**		

Calibration Files

L1 =AP9L1.d L2 =AP9L2.d L3 =AP9L3.d L4 =AP9L4.d L5 =AP9L5.d L6 =AP9L6.d L7 =AP9L7.d

L8 =AP9L8.d L9 =AP9L9.d L10 =AP9L10.d

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
109)	T	Benzo(b)fluoranthene		1.077	1.221	1.178	1.200	1.304	1.413	1.360	1.383	1.403	1.282	9.22
110)	T	Benzo(k)fluoranthene		1.068	1.258	1.214	1.231	1.137	1.257	1.292	1.261	1.284	1.222	6.05
111)	T	Benzo(a)pyrene		0.870	1.060	1.039	1.077	1.082	1.216	1.206	1.220	1.258	1.114	11.06
112)	I	IS1_Perylene-d12	----------ISTD----------											
113)	T	Indeno(1,2,3-cd)pyrene		0.891	1.094	1.053	1.109	1.090	1.173	1.297	1.343	1.348	1.155	13.11
114)	T	Dibenzo[a,h]anthracene		1.023	1.180	1.096	1.147	1.156	1.198	1.261	1.248	1.277	1.176	7.00
115)	T	Benzo(g,h,i)perylene	1.081	1.110	1.237	1.121	1.179	1.173	1.222	1.246	1.246	1.267	1.188	5.53

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383		
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV124	**Calibration Date**	: 04/28/20 10:06		
Lab File ID	: ABN0428	**Init. Calib. Date(s)**	: 04/05/20	04/06/20	
Sample No	: WG1365230-3	**Init. Calib. Times**	: 14:46	03:22	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	90	0
n-Nitrosodimethylamine	0.427	0.501	-	-17.3	20	111	0
Pyridine	0.686	0.841	-	-22.6*	20	125	0
2-Fluorophenol	0.712	0.762	-	-7	20	101	0
Aniline	1.141	1.24	-	-8.7	20	102	0
2-Chlorophenol	0.827	0.899	-	-8.7	20	103	0
Phenol-d6	0.851	0.954	-	-12.1	20	107	0
Phenol	0.989	1.041	-	-5.3	20	101	0
Bis(2-chloroethyl)ether	0.715	0.823	-	-15.1	20	109	0
1,3-Dichlorobenzene	0.953	0.999	-	-4.8	20	103	0
1,4-Dichlorobenzene	0.96	1.039	-	-8.2	20	104	0
1,2-Dichlorobenzene	0.924	0.992	-	-7.4	20	103	0
Benzyl alcohol	0.564	0.647	-	-14.7	20	110	0
Bis(2-chloroisopropyl)ethe	0.973	1.34	-	-37.7*	20	131	0
2-Methylphenol	0.702	0.786	-	-12	20	106	0
Hexachloroethane	0.353	0.404	-	-14.4	20	107	0
n-Nitrosodi-n-propylamine	0.484	0.585	-	-20.9*	20	114	0
3-Methylphenol/4-Methylphe	0.744	0.841	-	-13	20	106	0
Nitrobenzene-d5	0.74	0.876	-	-18.4	20	113	0
Nitrobenzene	0.728	0.886	-	-21.7*	20	112	0
Isophorone	1.313	1.635	-	-24.5*	20	116	0
2-Nitrophenol	0.43	0.46	-	-7	20	104	0
2,4-Dimethylphenol	0.754	0.856	-	-13.5	20	106	0
Bis(2-chloroethoxy)methane	0.925	1.078	-	-16.5	20	110	0
2,4-Dichlorophenol	0.705	0.763	-	-8.2	20	101	0
1,2,4-Trichlorobenzene	0.784	0.828	-	-5.6	20	100	0
IS1_Naphthalene-d8	1	1	-	0	20	100	0
Naphthalene	1.018	1.042	-	-2.4	20	106	0
Benzoic Acid	5	5.526	-	-10.5	20	130	0
4-Chloroaniline	0.115	0.126	-	-9.6	20	113	0
Hexachlorobutadiene	0.174	0.161	-	7.5	20	96	0
p-Chloro-m-cresol	0.266	0.282	-	-6	20	108	0
2-Methylnaphthalene	0.69	0.708	-	-2.6	20	108	0
1-Methylnaphthalene	0.235	0.249	-	-6	20	110	0
Hexachlorocyclopentadiene	0.231	0.211	-	8.7	20	98	0
2,4,6-Trichlorophenol	0.209	0.203	-	2.9	20	102	0
2,4,5-Trichlorophenol	0.222	0.219	-	1.4	20	102	0
2-Fluorobiphenyl	0.762	0.768	-	-0.8	20	106	0
2-Chloronaphthalene	0.654	0.672	-	-2.8	20	106	0
2-Nitroaniline	0.201	0.205	-	-2	20	111	0
1,4-Dinitrobenzene	0.102	0.096	-	5.9	20	106	0
1,3-Dinitrobenzene	0.113	0.118	-	-4.4	20	113	0
Dimethyl phthalate	0.774	0.867	-	-12	20	114	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383		
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV124	**Calibration Date**	: 04/28/20 10:06		
Lab File ID	: ABN0428	**Init. Calib. Date(s)**	: 04/05/20	04/06/20	
Sample No	: WG1365230-3	**Init. Calib. Times**	: 14:46	03:22	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.006	1.115	-	-10.8	20	110	0
2,6-Dinitrotoluene	0.16	0.17	-	-6.3	20	109	0
1,2-Dinitrobenzene	0.072	0.078	-	-8.3	20	119	0
IS1_Acenaphthene-d10	1	1	-	0	20	104	0
3-Nitroaniline	0.348	0.35	-	-0.6	20	107	0
Acenaphthene	1.126	1.121	-	0.4	20	110	0
2,4-Dinitrophenol	5	4.999	-	0	20	108	0
Dibenzofuran	1.837	1.851	-	-0.8	20	108	0
2,4-Dinitrotoluene	0.416	0.433	-	-4.1	20	112	0
4-Nitrophenol	0.259	0.319	-	-23.2*	20	139	0
2,3,5,6-Tetrachlorophenol	0.353	0.319	-	9.6	20	100	0
2,3,4,6-Tetrachlorophenol	0.348	0.33	-	5.2	20	104	0
Diethyl phthalate	1.445	1.565	-	-8.3	20	115	0
Fluorene	1.389	1.45	-	-4.4	20	111	0
4-Chlorophenyl phenyl ethe	0.678	0.648	-	4.4	20	104	0
4-Nitroaniline	0.369	0.369	-	0	20	108	0
4,6-Dinitro-o-cresol	5	5.211	-	-4.2	20	122	0
NDPA/DPA	1.163	1.23	-	-5.8	20	111	0
Azobenzene	1.209	1.399	-	-15.7	20	121	0
2,4,6-Tribromophenol	0.195	0.184	-	5.6	20	100	0
4-Bromophenyl phenyl ether	0.385	0.363	-	5.7	20	103	0
Hexachlorobenzene	0.454	0.424	-	6.6	20	102	0
Pentachlorophenol	0.274	0.236	-	13.9	20	102	0
IS1_Phenanthrene-d10	1	1	-	0	20	107	0
Phenanthrene	1.107	1.131	-	-2.2	20	113	0
Anthracene	1.079	1.13	-	-4.7	20	115	0
Carbazole	1.016	1.093	-	-7.6	20	118	0
Di-n-butylphthalate	1.188	1.238	-	-4.2	20	119	0
Fluoranthene	1.194	1.301	-	-9	20	121	0
Benzidine	0.826	0.742	-	10.2	20	116	0
Pyrene	1.27	1.374	-	-8.2	20	118	0
4-Terphenyl-d14	0.819	0.827	-	-1	20	112	0
Butyl benzyl phthalate	5	5.268	-	-5.4	20	133	0
IS1_Chrysene-d12	1	1	-	0	20	110	0
Benzo(a)anthracene	1.202	1.202	-	0	20	113	0
3,3'-Dichlorobenzidine	0.453	0.435	-	4	20	114	0
Chrysene	1.224	1.248	-	-2	20	119	0
Bis(2-ethylhexyl)phthalate	5	5.13	-	-2.6	20	126	0
Di-n-octylphthalate	5	4.856	-	2.9	20	125	0
Benzo(b)fluoranthene	1.282	1.289	-	-0.5	20	109	0
Benzo(k)fluoranthene	1.222	1.244	-	-1.8	20	121	0
Benzo(a)pyrene	1.114	1.147	-	-3	20	117	0
IS1_Perylene-d12	1	1	-	0	20	105	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2017383	
Project Name	: PISTOIA TIRE CO INC.		**Project Number**	: 0064-4	
Instrument ID	: SV124		**Calibration Date**	: 04/28/20 10:06	
Lab File ID	: ABN0428		**Init. Calib. Date(s)**	: 04/05/20	04/06/20
Sample No	: WG1365230-3		**Init. Calib. Times**	: 14:46	03:22
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.155	1.057	-	8.5	20	102	0
Dibenzo(a,h)anthracene	1.176	1.173	-	0.3	20	106	0
Benzo(ghi)perylene	1.188	1.196	-	-0.7	20	107	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2017383	
Project Name	: PISTOIA TIRE CO INC.		**Project Number**	: 0064-4	
Instrument ID	: SV124		**Calibration Date**	: 04/28/20 10:30	
Lab File ID	: AP90428		**Init. Calib. Date(s)**	: 04/05/20	04/06/20
Sample No	: WG1365230-4		**Init. Calib. Times**	: 14:46	03:22
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	80	0
Benzaldehyde	0.667	0.701	-	-5.1	20	85	0
Acetophenone	1.169	1.231	-	-5.3	20	84	0
m-Toluidine	1.156	1.238	-	-7.1	20	88	0
2-Chloroaniline	1.101	1.204	-	-9.4	20	86	0
IS2_Naphthalene-d8	1	1	-	0	20	82	0
a-Terpineol	0.238	0.299	-	-25.6*	20	106	0
3-Chloroaniline	0.132	0.15	-	-13.6	20	92	0
2,6-Dichlorophenol	0.277	0.293	-	-5.8	20	86	0
1-chloro-2-nitrobenzene	0.129	0.141	-	-9.3	20	89	0
Caprolactam	0.12	0.156	-	-30*	20	110	0
1,2,4,5-Tetrachlorobenzene	0.314	0.31	-	1.3	20	82	0
Biphenyl	0.843	0.884	-	-4.9	20	85	0
IS2_Acenaphthene-d10	1	1	-	0	20	80	0
Dichloran	5	5.017	-	-0.3	20	90	0
Pentachloronitrobenzene	5	5.157	-	-3.1	20	89	0
IS2_Phenanthrene-d10	1	1	-	0	20	86	0
Diphenamid	0.453	0.471	-	-4	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2017383	
Project Name	: PISTOIA TIRE CO INC.		**Project Number**	: 0064-4	
Instrument ID	: SV124		**Calibration Date**	: 04/28/20 10:53	
Lab File ID	: ADP0428		**Init. Calib. Date(s)**	: 04/05/20	04/06/20
Sample No	: WG1365230-5		**Init. Calib. Times**	: 14:46	03:22
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	77	0
n-Decane	0.82	1.176	-	-43.4*	20	113	0
IS3_Acenaphthene-d10	1	1	-	0	20	78	0
Atrazine	5	5.68	-	-13.6	20	93	0
IS3_Phenanthrene-d10	1	1	-	0	20	74	0
n-Octadecane	0.39	0.565	-	-44.9*	20	111	0
Parathion	5	6.025	-	-20.5*	20	103	0
3,3'-Dimethylbenzidine	5	5.568	-	-11.4	20	91	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383		
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV107	**Calibration Date**	: 04/29/20 19:51		
Lab File ID	: ABN0429N	**Init. Calib. Date(s)**	: 09/27/19	09/28/19	
Sample No	: WG1365800-3	**Init. Calib. Times**	: 20:42	10:53	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	4	4	-	0	20	90	0
n-Nitrosodimethylamine	0.585	0.683	-	-16.8	20	110	0
Pyridine	0.903	0.942	-	-4.3	20	92	0
2-Fluorophenol	0.797	0.905	-	-13.6	20	97	0
Aniline	1.403	1.634	-	-16.5	20	102	0
2-Chlorophenol	0.859	0.989	-	-15.1	20	99	0
Phenol-d6	1.045	1.228	-	-17.5	20	101	0
Phenol	1.16	1.325	-	-14.2	20	99	0
Bis(2-chloroethyl)ether	0.966	1.07	-	-10.8	20	100	0
1,3-Dichlorobenzene	0.993	1.059	-	-6.6	20	97	0
1,4-Dichlorobenzene	1.023	1.056	-	-3.2	20	94	0
1,2-Dichlorobenzene	0.962	1.043	-	-8.4	20	98	0
Benzyl alcohol	0.846	0.865	-	-2.2	20	88	0
Bis(2-chloroisopropyl)ethe	1.072	1.379	-	-28.6*	20	113	0
2-Methylphenol	0.799	0.916	-	-14.6	20	98	0
Hexachloroethane	0.421	0.424	-	-0.7	20	92	0
n-Nitrosodi-n-propylamine	0.718	0.791	-	-10.2	20	97	0
3-Methylphenol/4-Methylphe	0.862	0.991	-	-15	20	101	0
Nitrobenzene-d5	1.402	1.138	-	18.8	20	72	0
Nitrobenzene	1.145	1.142	-	0.3	20	89	0
Isophorone	1.911	2.18	-	-14.1	20	99	0
2-Nitrophenol	0.431	0.506	-	-17.4	20	106	0
2,4-Dimethylphenol	0.974	0.787	-	19.2	20	69	0
Bis(2-chloroethoxy)methane	1.234	1.318	-	-6.8	20	97	0
2,4-Dichlorophenol	0.699	0.831	-	-18.9	20	103	0
1,2,4-Trichlorobenzene	0.793	0.896	-	-13	20	103	0
IS1_Naphthalene-d8	1	1	-	0	20	97	0
Naphthalene	1.147	1.186	-	-3.4	20	99	0
Benzoic Acid	5	5.76	-	-15.2	20	127	0
4-Chloroaniline	0.156	0.152	-	2.6	20	88	0
Hexachlorobutadiene	0.175	0.175	-	0	20	95	0
p-Chloro-m-cresol	0.347	0.354	-	-2	20	94	0
2-Methylnaphthalene	0.727	0.736	-	-1.2	20	97	0
1-Methylnaphthalene	0.318	0.265	-	16.7	20	81	0
Hexachlorocyclopentadiene	0.21	0.21	-	0	20	98	0
2,4,6-Trichlorophenol	0.214	0.231	-	-7.9	20	103	0
2,4,5-Trichlorophenol	0.23	0.24	-	-4.3	20	100	0
2-Fluorobiphenyl	1.056	0.831	-	21.3*	20	76	0
2-Chloronaphthalene	0.714	0.716	-	-0.3	20	98	0
2-Nitroaniline	0.218	0.221	-	-1.4	20	100	0
1,4-Dinitrobenzene	0.11	0.104	-	5.5	20	97	0
1,3-Dinitrobenzene	0.12	0.125	-	-4.2	20	100	0
Dimethyl phthalate	0.878	0.846	-	3.6	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383		
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV107	**Calibration Date**	: 04/29/20 19:51		
Lab File ID	: ABN0429N	**Init. Calib. Date(s)**	: 09/27/19	09/28/19	
Sample No	: WG1365800-3	**Init. Calib. Times**	: 20:42	10:53	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.097	1.154	-	-5.2	20	97	0
2,6-Dinitrotoluene	0.175	0.182	-	-4	20	99	0
1,2-Dinitrobenzene	0.076	0.083	-	-9.2	20	105	0
IS1_Acenaphthene-d10	1	1	-	0	20	90	0
3-Nitroaniline	0.355	0.396	-	-11.5	20	100	0
Acenaphthene	1.199	1.251	-	-4.3	20	96	0
2,4-Dinitrophenol	5	6.502	-	-30*	20	133	0
Dibenzofuran	1.83	1.928	-	-5.4	20	98	0
2,4-Dinitrotoluene	0.434	0.461	-	-6.2	20	98	0
4-Nitrophenol	0.362	0.381	-	-5.2	20	97	0
2,3,5,6-Tetrachlorophenol	0.305	0.349	-	-14.4	20	108	0
2,3,4,6-Tetrachlorophenol	0.302	0.363	-	-20.2*	20	111	0
Diethyl phthalate	1.555	1.507	-	3.1	20	88	0
Fluorene	1.416	1.528	-	-7.9	20	99	0
4-Chlorophenyl phenyl ethe	0.668	0.726	-	-8.7	20	100	0
4-Nitroaniline	0.385	0.37	-	3.9	20	90	0
4,6-Dinitro-o-cresol	5	5.953	-	-19.1	20	121	0
NDPA/DPA	1.25	1.368	-	-9.4	20	98	0
Azobenzene	1.738	1.709	-	1.7	20	89	0
2,4,6-Tribromophenol	0.126	0.166	-	-31.7*	20	120	0
4-Bromophenyl phenyl ether	0.325	0.393	-	-20.9*	20	114	0
Hexachlorobenzene	0.315	0.366	-	-16.2	20	109	0
Pentachlorophenol	5	5.787	-	-15.7	20	116	0
IS1_Phenanthrene-d10	1	1	-	0	20	99	0
Phenanthrene	1.218	1.178	-	3.3	20	98	0
Anthracene	1.193	1.242	-	-4.1	20	102	0
Carbazole	1.108	1.122	-	-1.3	20	97	0
Di-n-butylphthalate	5	4.492	-	10.2	20	92	0
Fluoranthene	1.268	1.368	-	-7.9	20	104	0
Benzidine	0.946	0.854	-	9.7	20	101	0
Pyrene	1.38	1.399	-	-1.4	20	99	0
4-Terphenyl-d14	0.987	0.799	-	19	20	83	0
Butyl benzyl phthalate	5	4.469	-	10.6	20	93	0
IS1_Chrysene-d12	1	1	-	0	20	99	0
Benzo(a)anthracene	1.348	1.344	-	0.3	20	96	0
3,3'-Dichlorobenzidine	5	5.448	-	-9	20	114	0
Chrysene	1.462	1.53	-	-4.7	20	104	0
Bis(2-ethylhexyl)phthalate	5	4.447	-	11.1	20	87	0
Di-n-octylphthalate	5	4.491	-	10.2	20	95	0
Benzo(b)fluoranthene	1.298	1.241	-	4.4	20	94	0
Benzo(k)fluoranthene	1.209	1.513	-	-25.1*	20	126	0
Benzo(a)pyrene	5	5.071	-	-1.4	20	104	0
IS1_Perylene-d12	1	1	-	0	20	110	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2017383	
Project Name	: PISTOIA TIRE CO INC.		**Project Number**	: 0064-4	
Instrument ID	: SV107		**Calibration Date**	: 04/29/20 19:51	
Lab File ID	: ABN0429N		**Init. Calib. Date(s)**	: 09/27/19	09/28/19
Sample No	: WG1365800-3		**Init. Calib. Times**	: 20:42	10:53
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.044	0.998	-	4.4	20	101	0
Dibenzo(a,h)anthracene	1.111	1.183	-	-6.5	20	112	0
Benzo(ghi)perylene	1.077	1.221	-	-13.4	20	115	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2017383	
Project Name	: PISTOIA TIRE CO INC.		**Project Number**	: 0064-4	
Instrument ID	: SV107		**Calibration Date**	: 04/29/20 20:18	
Lab File ID	: AP90429N		**Init. Calib. Date(s)**	: 09/27/19	09/28/19
Sample No	: WG1365800-4		**Init. Calib. Times**	: 20:42	10:53
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	97	0
Benzaldehyde	0.797	0.856	-	-7.4	20	102	0
Acetophenone	1.407	1.446	-	-2.8	20	96	0
m-Toluidine	1.363	1.513	-	-11	20	103	0
2-Chloroaniline	1.118	1.312	-	-17.4	20	110	0
IS2_Naphthalene-d8	1	1	-	0	20	97	0
a-Terpineol	0.294	0.356	-	-21.1*	20	117	0
3-Chloroaniline	0.179	0.179	-	0	20	97	0
2,6-Dichlorophenol	0.279	0.318	-	-14	20	110	0
1-chloro-2-nitrobenzene	0.174	0.167	-	4	20	97	0
Caprolactam	5	5.926	-	-18.5	20	123	0
1,2,4,5-Tetrachlorobenzene	0.309	0.344	-	-11.3	20	106	0
Biphenyl	0.881	0.935	-	-6.1	20	102	0
IS2_Acenaphthene-d10	1	1	-	0	20	99	0
Dichloran	5	5.539	-	-10.8	20	121	0
Pentachloronitrobenzene	0.148	0.151	-	-2	20	99	0
IS2_Phenanthrene-d10	1	1	-	0	20	107	0
Diphenamid	0.498	0.505	-	-1.4	20	107	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2017383	
Project Name	: PISTOIA TIRE CO INC.		**Project Number**	: 0064-4	
Instrument ID	: SV107		**Calibration Date**	: 04/29/20 20:45	
Lab File ID	: ADP0429N		**Init. Calib. Date(s)**	: 09/27/19	09/28/19
Sample No	: WG1365800-5		**Init. Calib. Times**	: 20:42	10:53
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	97	0
n-Decane	0.94	1.107	-	-17.8	20	110	0
IS3_Acenaphthene-d10	1	1	-	0	20	101	0
Atrazine	5	4.887	-	2.3	20	100	0
IS3_Phenanthrene-d10	1	1	-	0	20	97	0
n-Octadecane	0.506	0.539	-	-6.5	20	100	0
Parathion	5	4.35	-	13	20	92	0
3,3'-Dimethylbenzidine	5	5.586	-	-11.7	20	124	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Lisko Environmental, LLC
Project Name: PISTOIA TIRE CO INC.

Lab Number: L2017383
Project Number: 0064-4
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (NBZ)	S2 (FBP)	S3 (TPH)	S4 ()	S5 ()	S6 ()	TOT OUT
MW-1 (L2017383-01)	40	44	58	--	--	--	0
MW-2 (L2017383-02)	40	41	55	--	--	--	0
MW-3 (L2017383-03)	36	39	45	--	--	--	0
MW-4 (L2017383-04)	43	43	50	--	--	--	0
WG1364962-1BLANK	76	71	85	--	--	--	0
WG1364962-2LCS	94	80	90	--	--	--	0
WG1364962-3LCSD	81	71	77	--	--	--	0

QC LIMITS

(30-130) NBZ = NITROBENZENE-D5
(30-130) FBP = 2-FLUOROBIPHENYL
(30-130) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NJ-BNEXT-LVI

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Matrix	: WATER		
LCS Sample ID	: WG1364962-2	**Analysis Date** : 04/28/20 11:41	**File ID** : 364962-2
LCSD Sample ID	: WG1364962-3	**Analysis Date** : 04/28/20 12:04	**File ID** : 364962-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	18	17	94	18	15	81	15	70-130	20
Bis(2-chloroethyl)ether	18	18	99	18	16	86	14	70-130	20
2-Chloronaphthalene	18	17	92	18	15	81	13	70-130	20
2,4-Dinitrotoluene	18	16	88	18	14	77	13	70-130	20
2,6-Dinitrotoluene	18	16	86	18	14	76	12	70-130	20
Fluoranthene	18	18	98	18	16	86	13	70-130	20
4-Chlorophenyl phenyl ether	18	16	87	18	14	75	15	70-130	20
Bis(2-chloroisopropyl)ether	18	21	115	18	18	101	13	70-130	20
Bis(2-chloroethoxy)methane	18	18	99	18	16	87	13	70-130	20
Hexachlorocyclopentadiene	18	12	68	18	11	59	14	20-160	20
Hexachloroethane	18	17	92	18	15	83	10	20-160	20
Isophorone	18	18	99	18	16	88	12	70-130	20
Naphthalene	18	17	91	18	15	81	12	70-130	20
Nitrobenzene	18	19	105	18	16	90	15	70-130	20
NDPA/DPA	18	16	91	18	14	79	14	70-130	20
n-Nitrosodi-n-propylamine	18	19	106	18	17	93	13	70-130	20
Bis(2-ethylhexyl)phthalate	18	17	92	18	15	81	13	70-130	20
Butyl benzyl phthalate	18	16	90	18	14	78	14	70-130	20
Di-n-butylphthalate	18	16	91	18	15	80	13	70-130	20
Di-n-octylphthalate	18	16	87	18	14	75	15	70-130	20
Diethyl phthalate	18	17	95	18	15	82	15	70-130	20
Dimethyl phthalate	18	17	94	18	15	81	15	70-130	20
Chrysene	18	18	99	18	15	85	15	70-130	20
Acenaphthylene	18	17	92	18	15	81	13	70-130	20
Anthracene	18	18	98	18	16	87	12	70-130	20
Benzo(ghi)perylene	18	17	95	18	16	85	11	70-130	20

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Matrix	: WATER		
LCS Sample ID	: WG1364962-2 **Analysis Date** : 04/28/20 11:41	**File ID**	: 364962-2
LCSD Sample ID	: WG1364962-3 **Analysis Date** : 04/28/20 12:04	**File ID**	: 364962-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD		Recovery Limits	RPD Limit
Fluorene	18	17	95		18	15	83		13		70-130	20
Phenanthrene	18	17	96		18	16	86		11		70-130	20
Pyrene	18	17	94		18	15	84		11		70-130	20
4-Chloroaniline	18	16	87		18	11	61		35	Q	20-160	20
2-Nitroaniline	18	16	86		18	13	72		18		70-130	20
3-Nitroaniline	18	15	85		18	12	66	Q	25	Q	70-130	20
4-Nitroaniline	18	14	79		18	12	67	Q	16		70-130	20
Dibenzofuran	18	17	93		18	15	80		15		70-130	20
2-Methylnaphthalene	18	16	90		18	14	80		12		70-130	20
Carbazole	18	18	98		18	16	89		10		70-130	20
4-Bromophenyl phenyl ether	18	15	85		18	13	74		14		70-130	20
3,3'-Dichlorobenzidine	18	12	67	Q	18	9.6	53	Q	23	Q	70-130	20
Benzaldehyde	18	17	92		18	14	78		16		20-160	20
Acetophenone	18	18	101		18	16	89		13		70-130	20
Caprolactam	18	10	57		18	8.1	45		24	Q	20-160	20
Biphenyl	18	18	98		18	15	85		14		70-130	20
1,2,4,5-Tetrachlorobenzene	18	16	89		18	14	80		11		70-130	20
Atrazine	18	19	104		18	16	89		16		70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV124	**Analysis Date**	: 04/28/20 10:06
Sample No	: WG1365230-3	**Lab File ID**	: ABN0428

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1365230-3	24103	4.25	66551	5.49	37234	7.19
Upper Limit	48206	4.75	133102	5.99	74468	7.69
Lower Limit	12052	3.75	33276	4.99	18617	6.69
Sample ID						
WG1365230-4 CCAL	20621	4.25	55796	5.49	29537	7.19
WG1365230-5 CCAL	21553	4.25	-	-	29699	7.19
WG1364962-1 BLANK	20746	4.25	54749	5.49	28031	7.19
WG1364962-2 LCS	21676	4.25	56792	5.49	29547	7.19
WG1364962-3 LCSD	22521	4.25	58184	5.49	30351	7.19

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV124	**Analysis Date**	: 04/28/20 10:06
Sample No	: WG1365230-3	**Lab File ID**	: ABN0428

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1365230-3	74040	8.62	76366	11.21	79048	12.65
Upper Limit	148080	9.12	152732	11.71	158096	13.15
Lower Limit	37020	8.12	38183	10.71	39524	12.15
Sample ID						
WG1365230-4 CCAL	63569	8.62	-	-	-	-
WG1365230-5 CCAL	62030	8.62	-	-	-	-
WG1364962-1 BLANK	56335	8.62	52449	11.21	55596	12.65
WG1364962-2 LCS	57056	8.62	56593	11.21	63296	12.65
WG1364962-3 LCSD	56616	8.61	56181	11.20	62088	12.65

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 04/29/20 19:51
Sample No	: WG1365800-3	**Lab File ID**	: ABN0429N

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1365800-3	109810	5.82	286000	7.32	151476	9.09
Upper Limit	219620	6.32	572000	7.82	302952	9.59
Lower Limit	54905	5.32	143000	6.82	75738	8.59
Sample ID						
WG1365800-4 CCAL	101847	5.82	268233	7.32	147916	9.08
WG1365800-5 CCAL	106743	5.82	-	-	152968	9.08
MW-1	80147	5.82	216663	7.32	115897	9.09
MW-2	78705	5.82	202773	7.32	112674	9.09
MW-3	82627	5.82	213581	7.32	114655	9.08
MW-4	75521	5.82	195743	7.32	101815	9.09

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 04/29/20 19:51
Sample No	: WG1365800-3	**Lab File ID**	: ABN0429N

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1365800-3	292447	10.50	254844	13.06	271388	14.47
Upper Limit	584894	11.00	509688	13.56	542776	14.97
Lower Limit	146224	10.00	127422	12.56	135694	13.97
Sample ID						
WG1365800-4 CCAL	290531	10.50	-	-	-	-
WG1365800-5 CCAL	290656	10.50	-	-	-	-
MW-1	215785	10.50	182717	13.06	188539	14.47
MW-2	205395	10.50	183923	13.06	186624	14.47
MW-3	214806	10.50	189112	13.06	192779	14.47
MW-4	191858	10.50	157593	13.06	161241	14.47

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 01 10:28:28 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:26:32 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.822	150	80147	4.000	ug/ml		0.00
Standard Area 1 = 109810			Recovery = 72.99%				
27) IS2_1,4-Dichlorobenzen...	5.822	150	80147	4.000	ug/ml		0.00
Standard Area 3 = 101847			Recovery = 78.69%				
34) IS1_Naphthalene-d8	7.322	136	216663	4.000	ug/ml	#	0.00
Standard Area 1 = 286000			Recovery = 75.76%				
54) IS2_Naphthalene-d8	7.322	136	216663	4.000	ug/ml	#	0.00
Standard Area 3 = 268233			Recovery = 80.77%				
62) IS1_Acenaphthene-d10	9.086	164	115897	4.000	ug/ml		0.00
Standard Area 1 = 151476			Recovery = 76.51%				
85) IS3_Acenaphthene-d10	9.086	164	115897	4.000	ug/ml		0.00
Standard Area 2 = 152968			Recovery = 75.77%				
87) IS1_Phenanthrene-d10	10.504	188	215785	4.000	ug/ml	#	0.00
Standard Area 1 = 292447			Recovery = 73.79%				
103) IS1_Chrysene-d12	13.062	240	182717	4.000	ug/ml	#	0.00
Standard Area 1 = 254844			Recovery = 71.70%				
112) IS1_Perylene-d12	14.474	264	188539	4.000	ug/ml		0.00
Standard Area 1 = 271388			Recovery = 69.47%				
System Monitoring Compounds							
4) 2-Fluorophenol	3.316	112	27287	1.709	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 34.18%				
7) Phenol-d6	5.463	99	42839	2.047	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 40.94%				
19) Nitrobenzene-d5	6.539	82	28269	1.006	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 40.24%				
45) 2-Fluorobiphenyl	8.463	172	62387	1.091	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 43.64%				
78) 2,4,6-Tribromophenol	9.845	330	3976	1.087	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 21.74%				
95) 4-Terphenyl-d14	12.074	244	77639	1.457	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 58.28%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 01 10:28:28 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:26:32 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		d
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.		d
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.		d
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 01 10:28:28 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:26:32 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
106)	Chrysene	0.000		0	N.D.		
107)	Bis(2-ethylhexyl)phtha...	13.215	149	19557	0.674	ug/ml#	95
108)	Di-n-octylphthalate	0.000		0	N.D.	d	
115)	Benzo(ghi)perylene	0.000		0	N.D.		

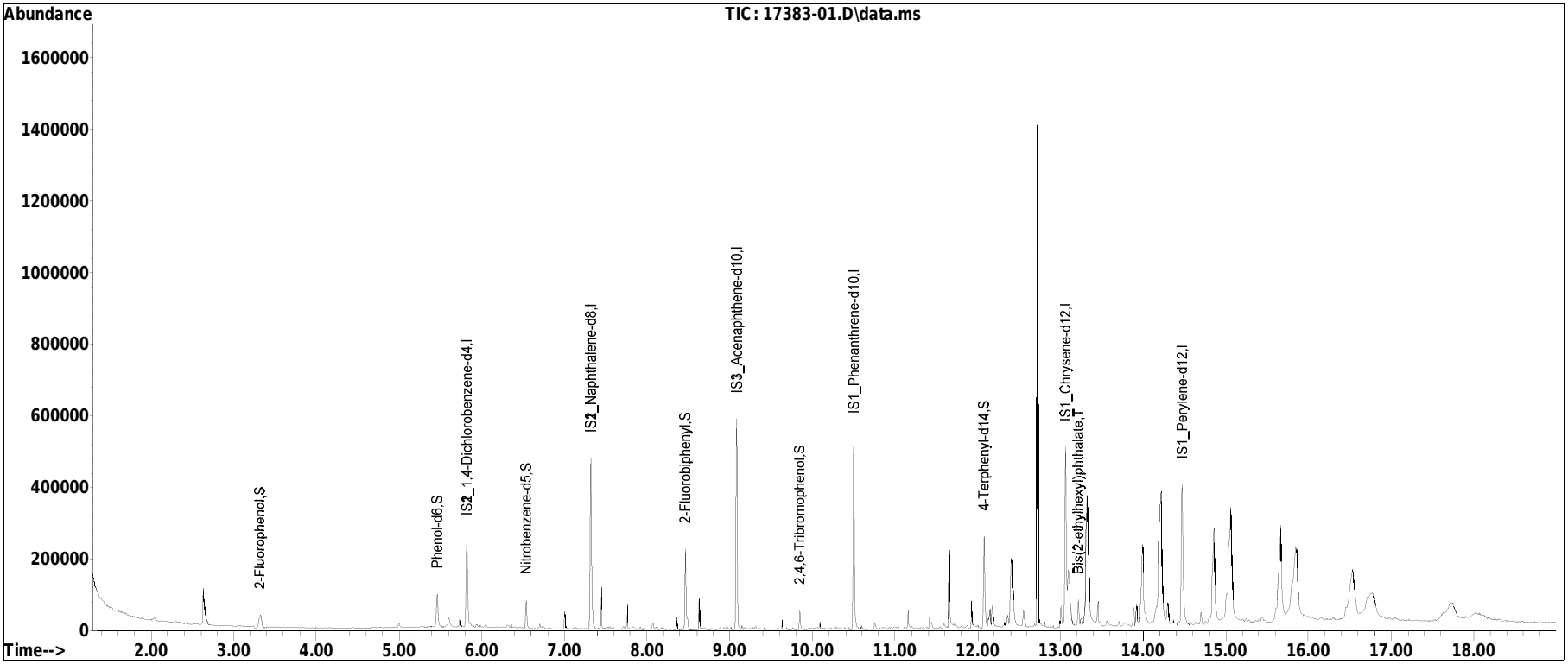
(#) = qualifier out of range (m) = manual integration (+) = signals summed

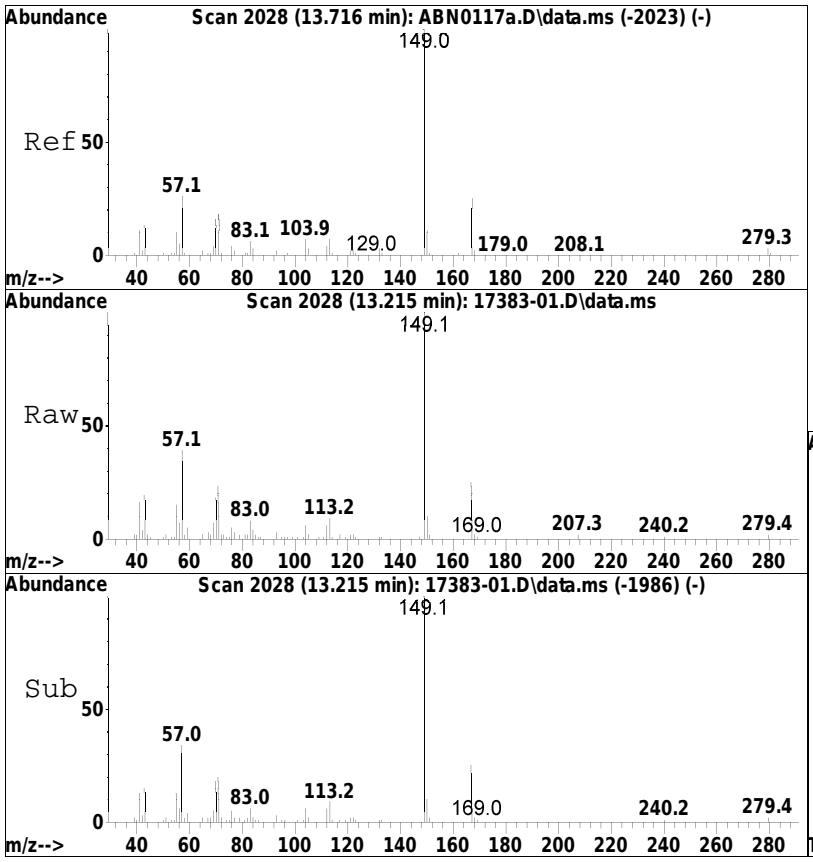
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 01 10:28:28 2020
Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:26:32 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional0429n.D•

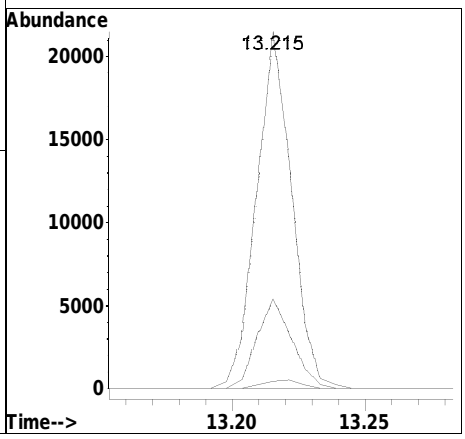




#107
Bis(2-ethylhexyl)phthalate
Concen: 0.67 ug/ml
RT: 13.215 min Scan# 2028
Delta R.T. -0.000 min
Lab File: 17383-01.D
Acq: 30 Apr 2020 2:08 am

Tgt Ion:149 Resp: 19557

Ion	Ratio	Lower	Upper
149	100		
167	25.2	22.1	33.1
279	0.0	3.0	4.4#



Manual Integration Report

Data Path	: I:\8270\SV107\200429nlvi\	QMethod	: FS190927SV107.m
Data File	: 17383-01.D	Operator	: SV107:sz
Date Inj'd	: 4/30/2020 2:08 am	Instrument	: SV 107
Sample	: L2017383-01,32,,nj-bnext-l	Quant Date	: 4/30/2020 2:26 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 17383-01.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.622	223	227	246	rVB	101665	230173	17.12%	1.571%
2	3.316	337	345	359	rVB2	38286	102812	7.65%	0.702%
3	4.992	626	630	640	rBV2	10876	21819	1.62%	0.149%
4	5.463	705	710	721	rBV	91231	120036	8.93%	0.819%
5	5.604	727	734	745	rVB	29097	48615	3.62%	0.332%
6	5.734	752	756	761	rBV	31792	37862	2.82%	0.258%
7	5.822	766	771	784	rBV	239625	331311	24.64%	2.261%
8	5.939	789	791	795	rVV4	7931	9001	0.67%	0.061%
9	6.051	805	810	814	rVB5	8191	10374	0.77%	0.071%
10	6.310	851	854	859	rBV4	7376	12113	0.90%	0.083%
11	6.357	859	862	866	rVB3	9968	11160	0.83%	0.076%
12	6.539	889	893	904	rBV	80742	88113	6.55%	0.601%
13	6.704	916	921	924	rBV	12898	13691	1.02%	0.093%
14	6.739	924	927	936	rVV7	7434	13335	0.99%	0.091%
15	7.004	969	972	979	rBV2	48882	49637	3.69%	0.339%
16	7.133	986	994	1002	rVB9	5667	11936	0.89%	0.081%
17	7.322	1022	1026	1039	rVV	479379	508241	37.80%	3.469%
18	7.445	1040	1047	1051	rVV	120115	104172	7.75%	0.711%
19	7.551	1063	1065	1069	rVV4	6827	7972	0.59%	0.054%
20	7.710	1089	1092	1095	rVB3	8180	8018	0.60%	0.055%
21	7.757	1095	1100	1109	rBV	68045	73880	5.50%	0.504%
22	7.839	1109	1114	1120	rVB5	8209	15624	1.16%	0.107%
23	7.922	1120	1128	1132	rVB2	8301	9450	0.70%	0.065%
24	7.969	1132	1136	1141	rBV3	5925	9339	0.69%	0.064%
25	8.075	1149	1154	1158	rBV2	18173	22497	1.67%	0.154%
26	8.122	1158	1162	1166	rVB5	8019	13361	0.99%	0.091%
27	8.175	1166	1171	1172	rBV4	6161	7458	0.55%	0.051%
28	8.357	1197	1202	1211	rBV	36972	35282	2.62%	0.241%

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	8.463	1211	1220	1235	rVB	225981	222912	16.58%	1.521%
30	8.633	1243	1249	1253	rBV	89529	83899	6.24%	0.573%
31	8.692	1253	1259	1261	rBV5	5102	9104	0.68%	0.062%
32	8.880	1283	1291	1296	rBV6	5712	11170	0.83%	0.076%
33	8.963	1301	1305	1311	rVB5	9673	14325	1.07%	0.098%
34	9.086	1320	1326	1334	rBV	589017	540407	40.19%	3.689%
35	9.145	1334	1336	1339	rVB3	11386	10724	0.80%	0.073%
36	9.274	1354	1358	1361	rBV3	5070	7873	0.59%	0.054%
37	9.316	1363	1365	1369	rVB3	8226	8016	0.60%	0.055%
38	9.633	1415	1419	1422	rBV	28117	23243	1.73%	0.159%
39	9.763	1437	1441	1447	rVB4	5844	7524	0.56%	0.051%
40	9.845	1447	1455	1461	rBV	55004	54874	4.08%	0.375%
41	10.092	1494	1497	1503	rVB3	19663	20363	1.51%	0.139%
42	10.286	1523	1530	1534	rBV5	6967	11852	0.88%	0.081%
43	10.327	1534	1537	1542	rVV5	4395	7585	0.56%	0.052%
44	10.386	1543	1547	1553	rVB5	5574	8286	0.62%	0.057%
45	10.439	1553	1556	1561	rBV3	6269	7456	0.55%	0.051%
46	10.504	1561	1567	1579	rBV	533141	559377	41.61%	3.818%
47	10.598	1579	1583	1594	rVB4	11830	17385	1.29%	0.119%
48	10.757	1607	1610	1617	rBV3	18711	24703	1.84%	0.169%
49	10.863	1624	1628	1633	rVV6	6852	13773	1.02%	0.094%
50	10.939	1635	1641	1643	rVV3	6627	10738	0.80%	0.073%
51	10.998	1644	1651	1653	rVV3	7671	16241	1.21%	0.111%
52	11.039	1655	1658	1661	rVB3	9363	10516	0.78%	0.072%
53	11.116	1666	1671	1675	rBV3	7285	11681	0.87%	0.080%
54	11.157	1675	1678	1684	rBV	48478	53291	3.96%	0.364%
55	11.198	1684	1685	1694	rVB3	7779	10868	0.81%	0.074%
56	11.416	1719	1722	1725	rBV2	44226	48479	3.61%	0.331%
57	11.586	1748	1751	1756	rVV3	11902	15224	1.13%	0.104%
58	11.657	1757	1763	1772	rVV2	217629	269132	20.02%	1.837%
59	11.727	1774	1775	1782	rVB5	17177	19953	1.48%	0.136%
60	11.868	1795	1799	1803	rVB3	8101	9631	0.72%	0.066%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	11.921	1803	1808	1818	rBV	75869	86579	6.44%	0.591%
62	12.074	1828	1834	1840	rBV	256586	266513	19.82%	1.819%
63	12.145	1840	1846	1848	rVV3	52317	71002	5.28%	0.485%
64	12.174	1848	1851	1862	rVB	59458	90692	6.75%	0.619%
65	12.321	1871	1876	1880	rBV4	15490	19885	1.48%	0.136%
66	12.368	1880	1884	1886	rVV2	35201	39881	2.97%	0.272%
67	12.404	1886	1890	1910	rVV2	192570	482227	35.87%	3.291%
68	12.551	1912	1915	1925	rVB2	46933	66661	4.96%	0.455%
69	12.721	1940	1944	1956	rVV	1400377	1344473	100.00%	9.177%
70	12.810	1956	1959	1966	rVB5	13506	13480	1.00%	0.092%
71	13.010	1989	1993	1996	rVV	61794	69384	5.16%	0.474%
72	13.062	1996	2002	2005	rVV	505605	596377	44.36%	4.071%
73	13.092	2005	2007	2023	rVV2	161155	364147	27.08%	2.486%
74	13.215	2023	2028	2031	rVV	76603	82396	6.13%	0.562%
75	13.251	2032	2034	2037	rVV3	25425	33072	2.46%	0.226%
76	13.321	2037	2046	2063	rVV	365876	956066	71.11%	6.526%
77	13.451	2063	2068	2082	rVB2	68739	115102	8.56%	0.786%
78	13.568	2083	2088	2094	rBV6	13330	23167	1.72%	0.158%
79	13.710	2109	2112	2116	rVB3	12730	11838	0.88%	0.081%
80	13.774	2120	2123	2129	rVV7	8424	16856	1.25%	0.115%
81	13.886	2138	2142	2145	rBV	50868	54765	4.07%	0.374%
82	13.921	2145	2148	2152	rVV3	57176	68822	5.12%	0.470%
83	13.992	2152	2160	2176	rVV2	224687	549985	40.91%	3.754%
84	14.109	2177	2180	2183	rVV4	13171	22457	1.67%	0.153%
85	14.215	2183	2198	2209	rVV	371880	1084259	80.65%	7.401%
86	14.298	2209	2212	2220	rVV	59034	83443	6.21%	0.570%
87	14.368	2221	2224	2230	rVB5	11659	13592	1.01%	0.093%
88	14.433	2231	2235	2237	rBV5	9770	14493	1.08%	0.099%
89	14.474	2237	2242	2257	rVB	390956	592782	44.09%	4.046%
90	14.574	2257	2259	2265	rVB6	7168	9479	0.71%	0.065%
91	14.651	2267	2272	2275	rBV5	6254	9696	0.72%	0.066%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

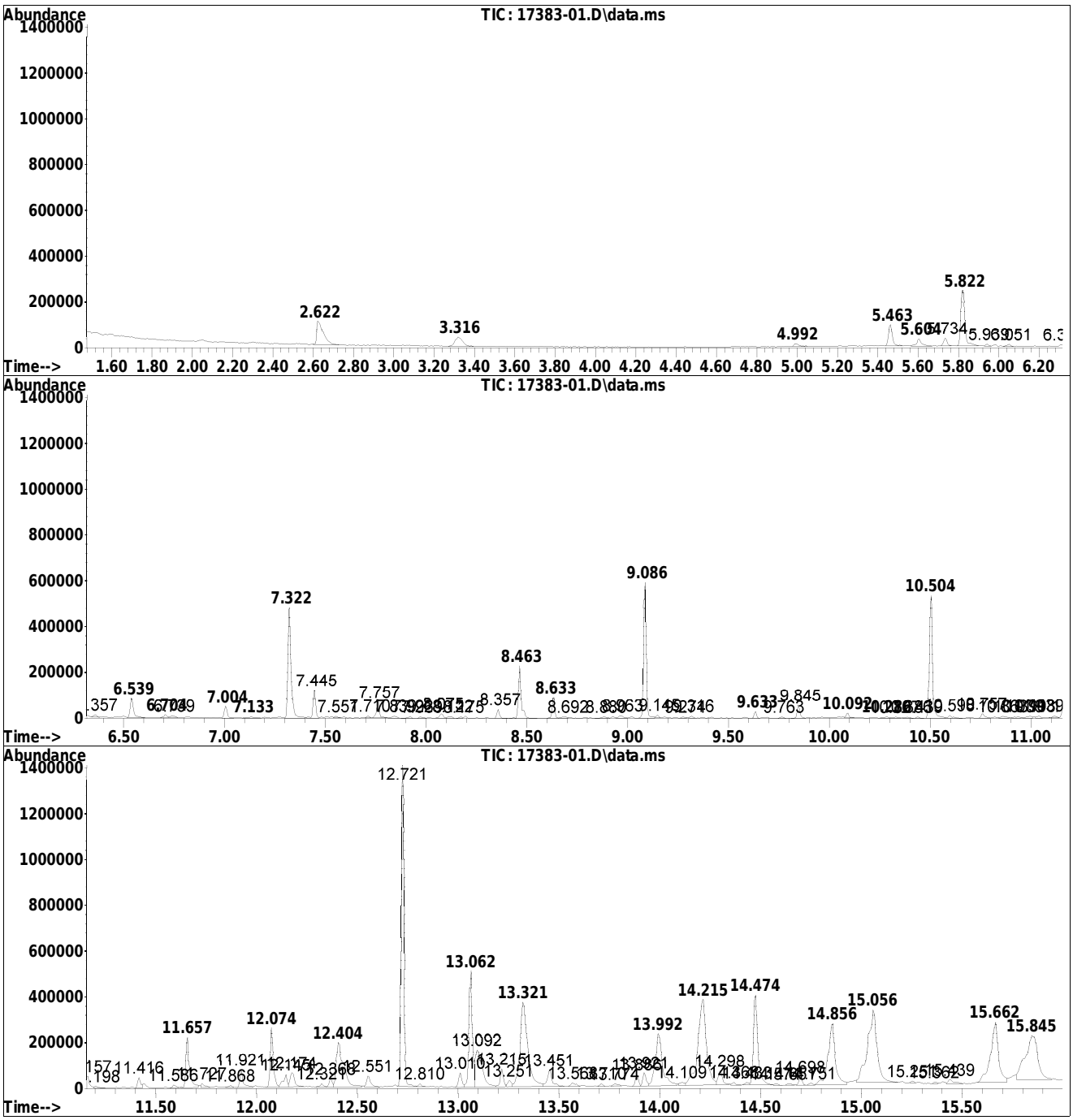
92	14.698	2276	2280	2285	rVB	33957	39451	2.93%	0.269%
93	14.751	2285	2289	2292	rBV6	8991	13308	0.99%	0.091%
94	14.856	2292	2307	2319	rBV	266791	657716	48.92%	4.489%
95	15.056	2327	2341	2363	rVB2	315747	1033111	76.84%	7.052%
96	15.251	2372	2374	2377	rVB4	7497	7901	0.59%	0.054%
97	15.362	2391	2393	2396	rBV3	5916	7610	0.57%	0.052%
98	15.439	2403	2406	2417	rVB7	16539	36951	2.75%	0.252%
99	15.662	2429	2444	2454	rBV2	262601	709954	52.81%	4.846%
100	15.845	2462	2475	2492	rVB4	191656	823372	61.24%	5.620%

Sum of corrected areas: 14650832

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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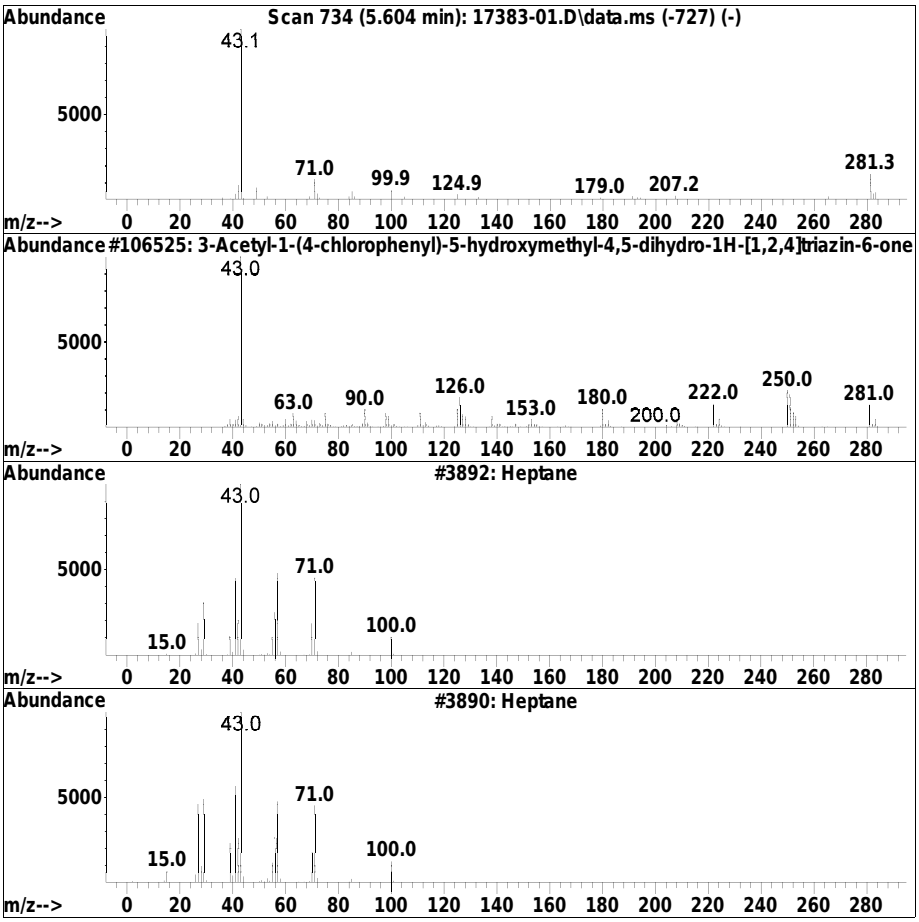
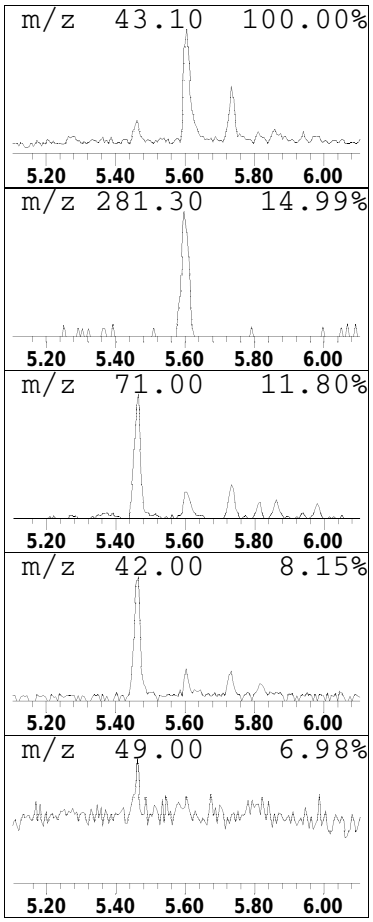
Peak Number 2 Unknown Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.604	0.59 ug/ml	48615	IS2_1,4-Dichlorobenzene-d4	5.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acetyl-1-(4-chlorophenyl)-5-hy...	281	C12H12ClN3O3	139455-88-2	9
2	Heptane	100	C7H16	000142-82-5	7
3	Heptane	100	C7H16	000142-82-5	5
4	Heptane	100	C7H16	000142-82-5	5
5	Heptane	100	C7H16	000142-82-5	4





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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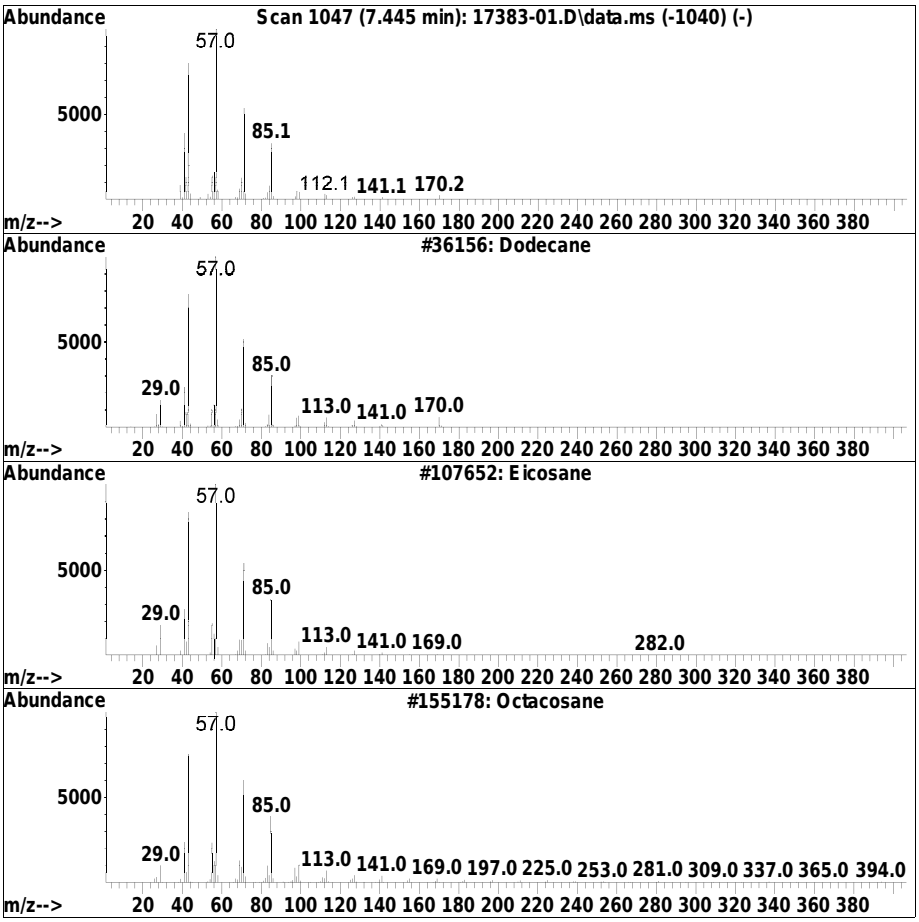
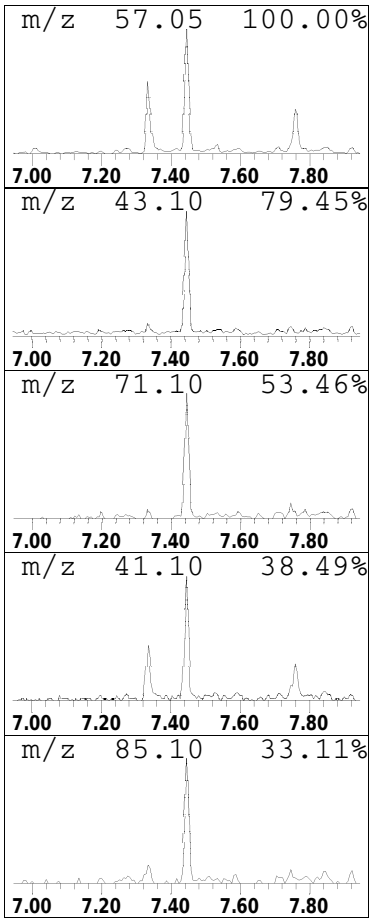
Peak Number 3 Unknown Alkane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.445	0.82 ug/ml	104172	IS2_Naphthalene-d8	7.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Eicosane	282	C20H42	000112-95-8	86
3	Octacosane	394	C28H58	000630-02-4	78
4	Pentadecane	212	C15H32	000629-62-9	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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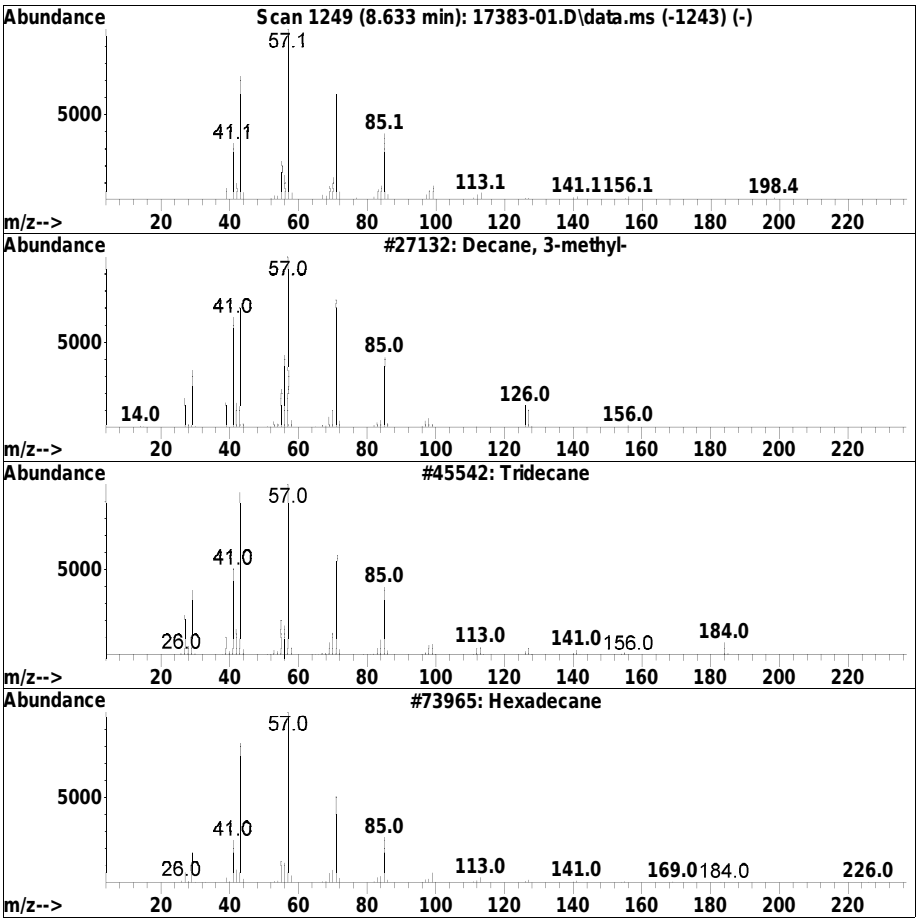
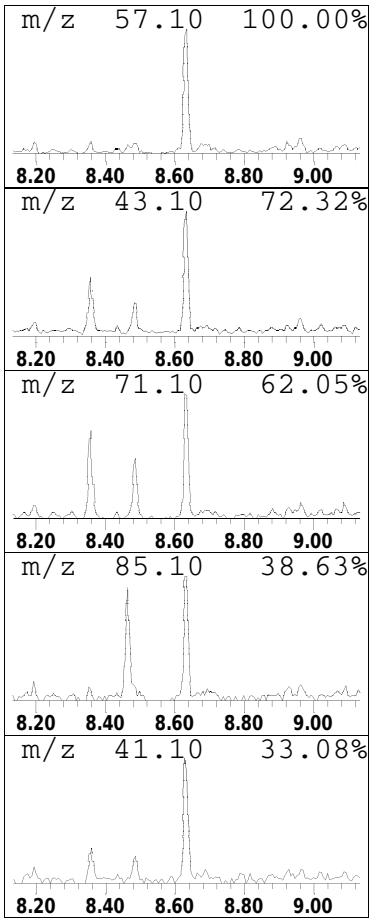
Peak Number 4 Unknown Alkane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.633	0.62 ug/ml	83899	IS1_Acenaphthene-d10	9.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	86
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Nonadecane	268	C19H40	000629-92-5	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83





Library Search Compound Report

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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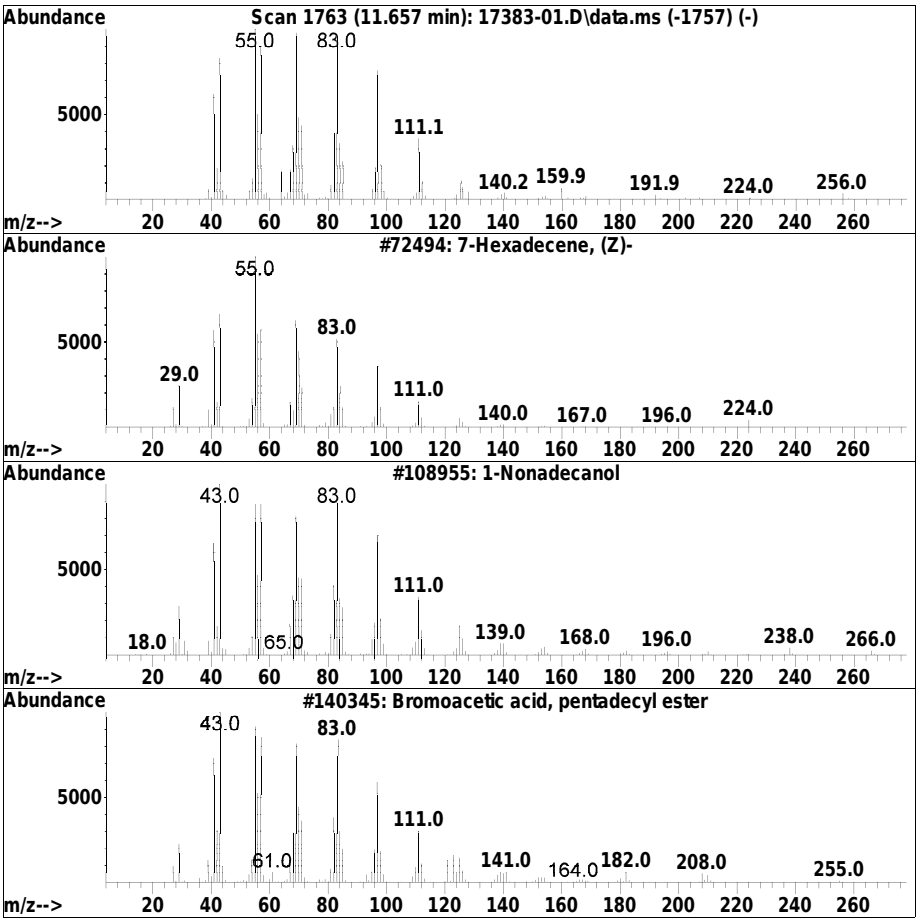
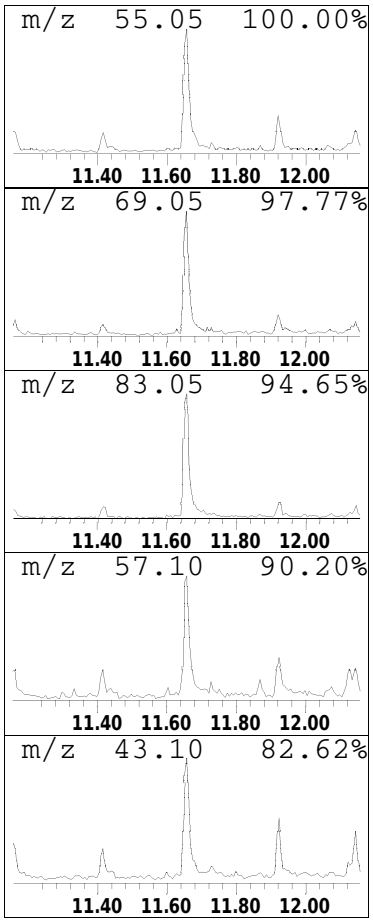
Peak Number 5 Unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	1.92 ug/ml	269132	IS3_Phenanthrene-d10	10.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	97
2	1-Nonadecanol	284	C19H40O	001454-84-8	94
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	91





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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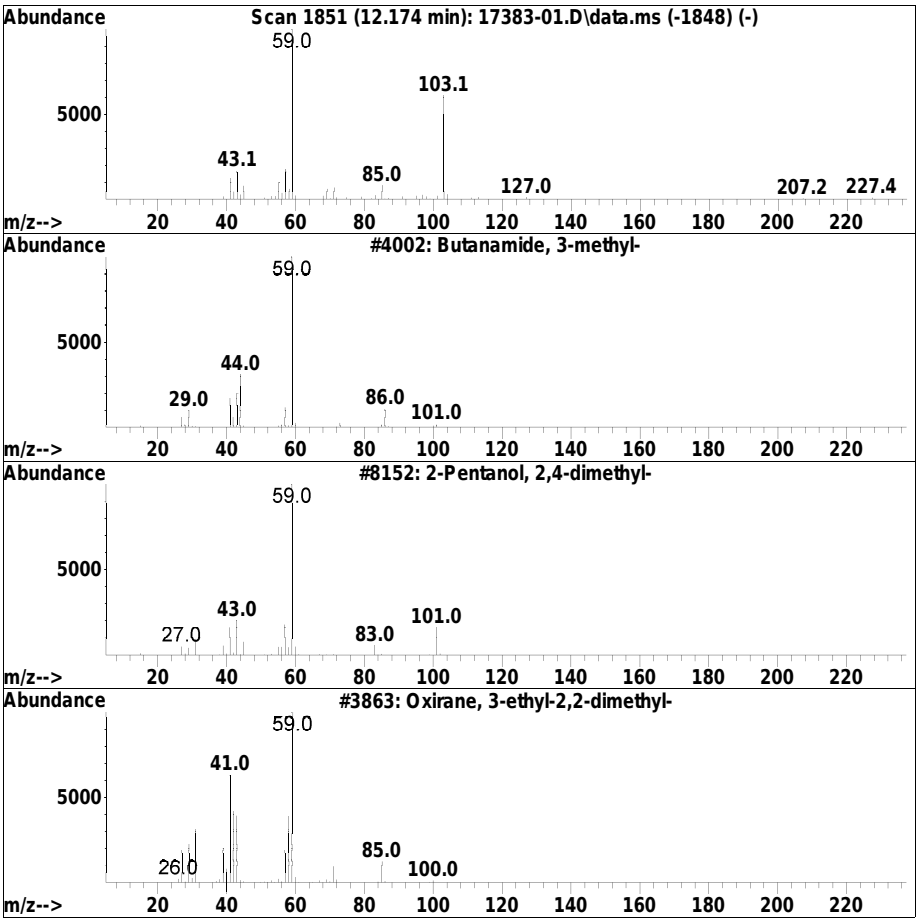
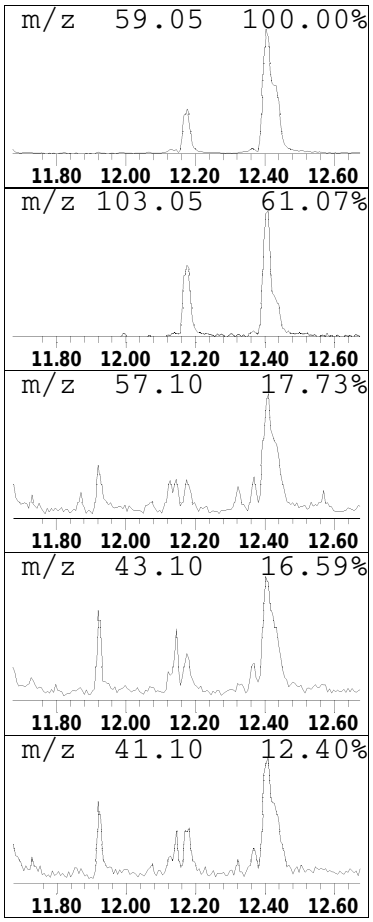
Peak Number 6 Unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.174	0.61 ug/ml	90692	IS1_Chrysene-d12	13.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	47
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	38
3	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	38
4	2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	37
5	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	28





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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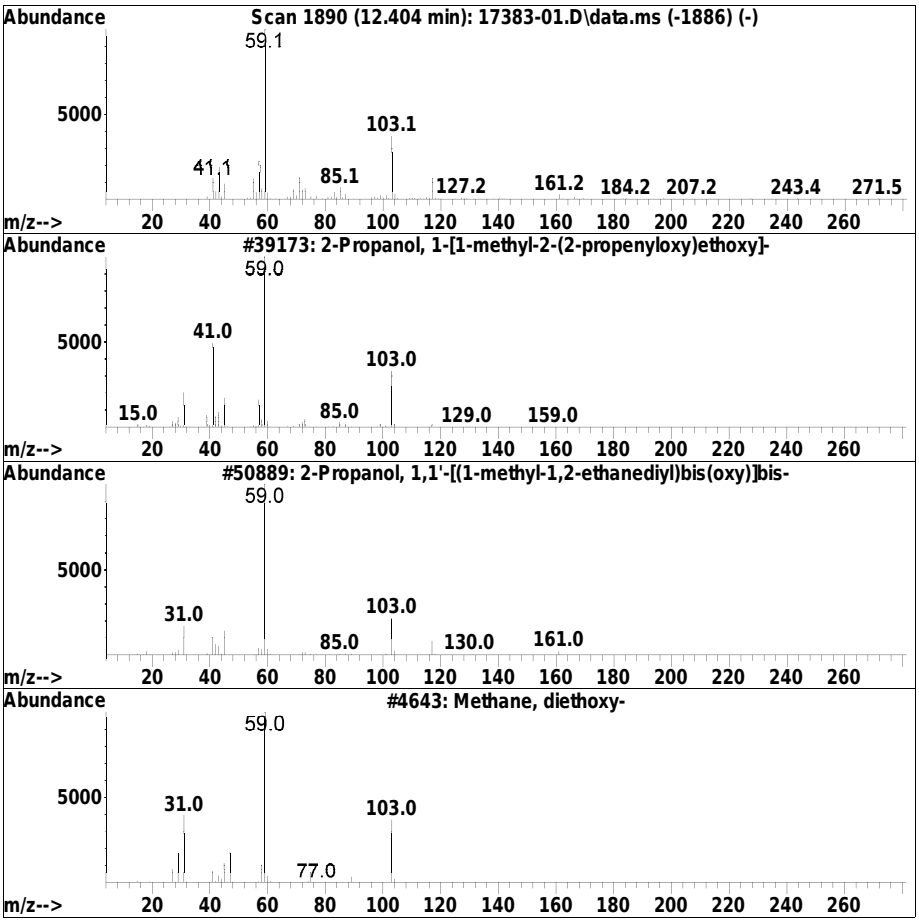
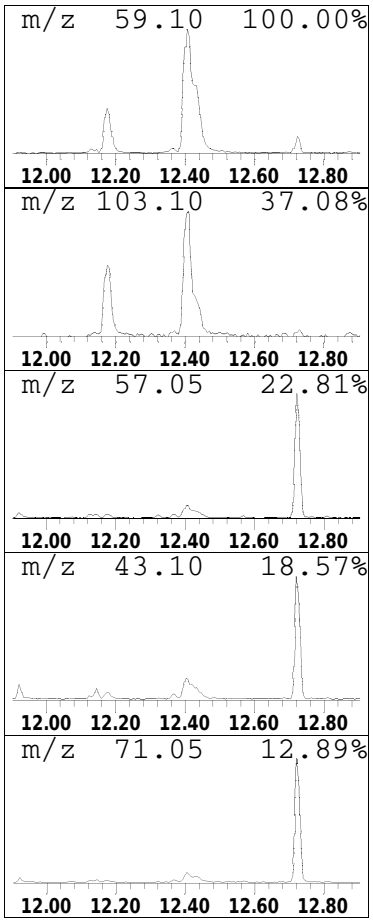
Peak Number 7 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	3.23 ug/ml	482227	IS1_Chrysene-d12	13.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	72
2	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	72
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	59
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	59
5	Methane, diethoxy-	104	C5H12O2	000462-95-3	59





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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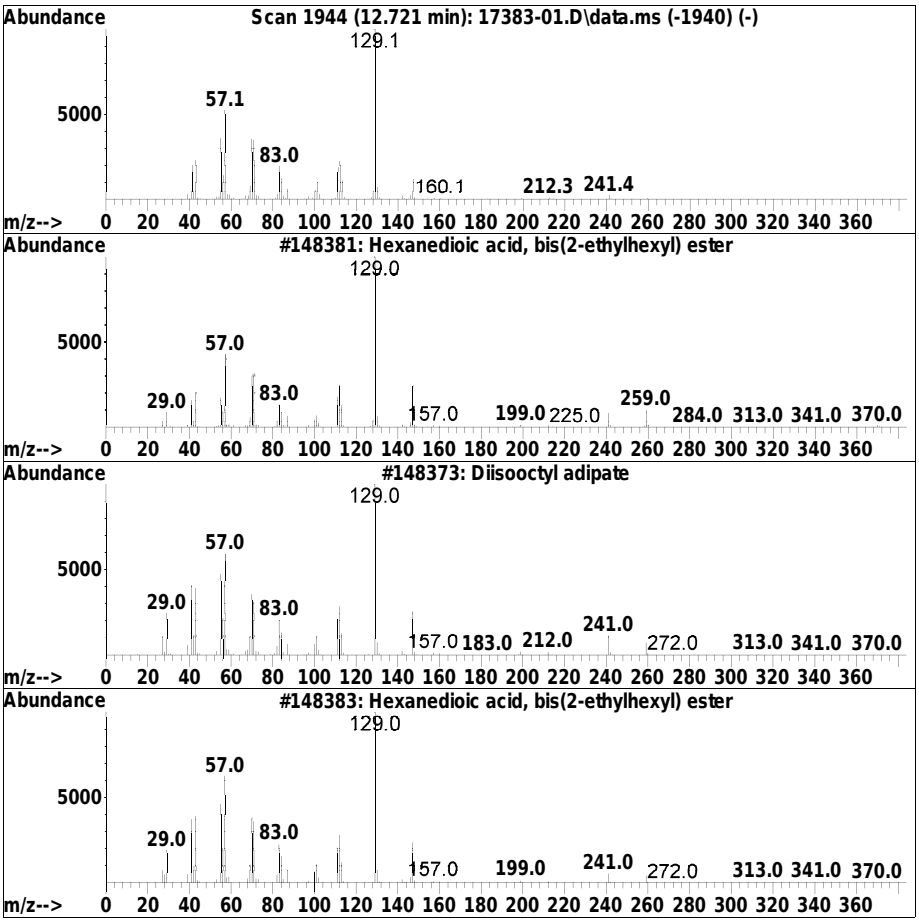
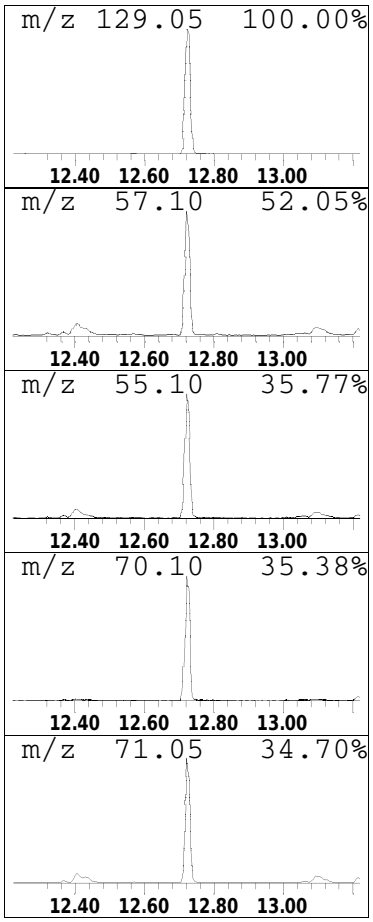
Peak Number 8 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.721	9.02 ug/ml	1344470	IS1_Chrysene-d12	13.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Diisooctyl adipate	370	C22H42O4	001330-86-5	91
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	70
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	59





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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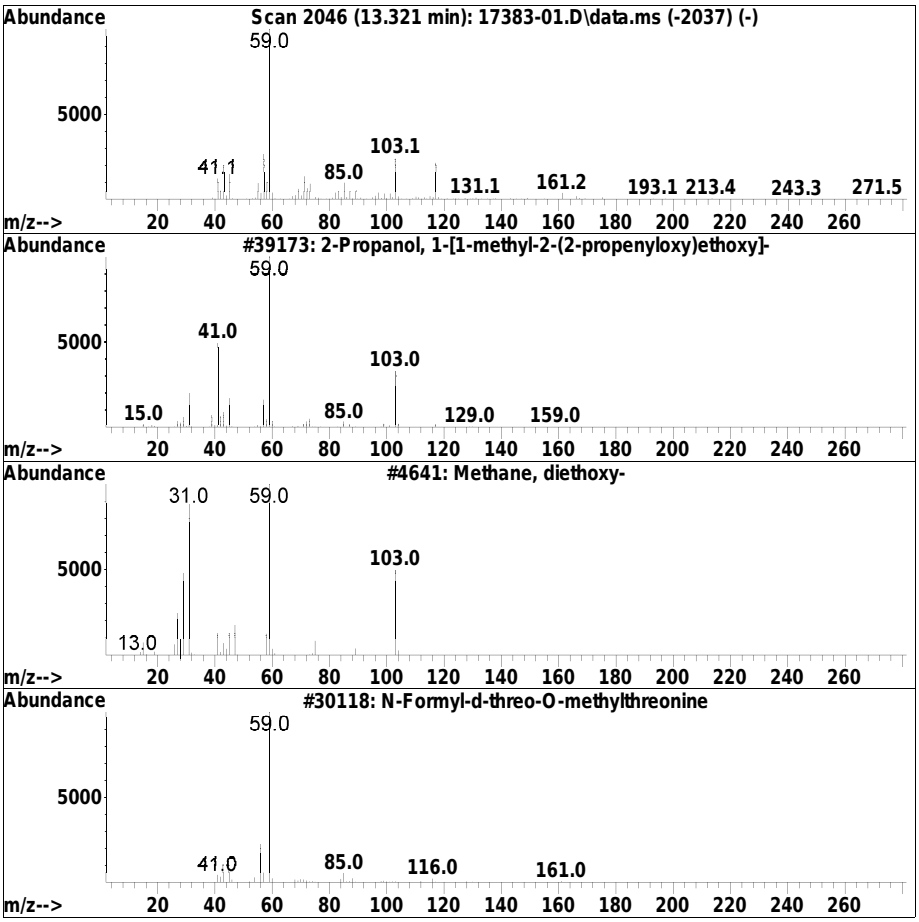
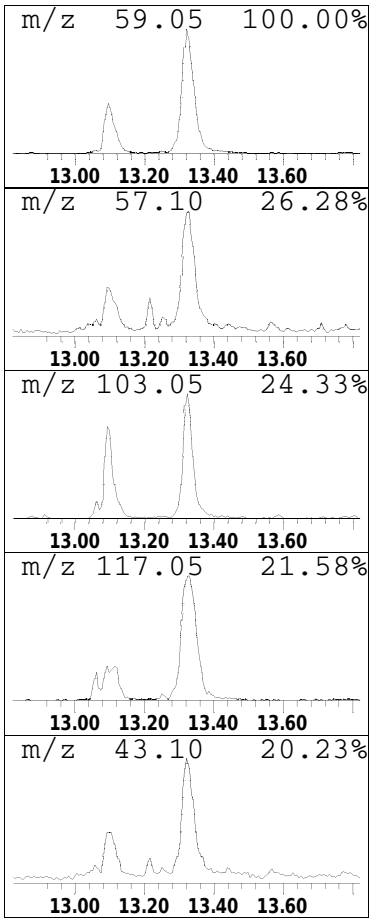
Peak Number 9 Unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.321	6.41 ug/ml	956066	IS1_Chrysene-d12	13.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	53
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	50
3	N-Formyl-d-threo-O-methylthreonine	161	C6H11NO4	1000214-69-5	47
4	Silane, hexyl-	116	C6H16Si	001072-14-6	47
5	Dipropylene glycol	134	C6H14O3	025265-71-8	47





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Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
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Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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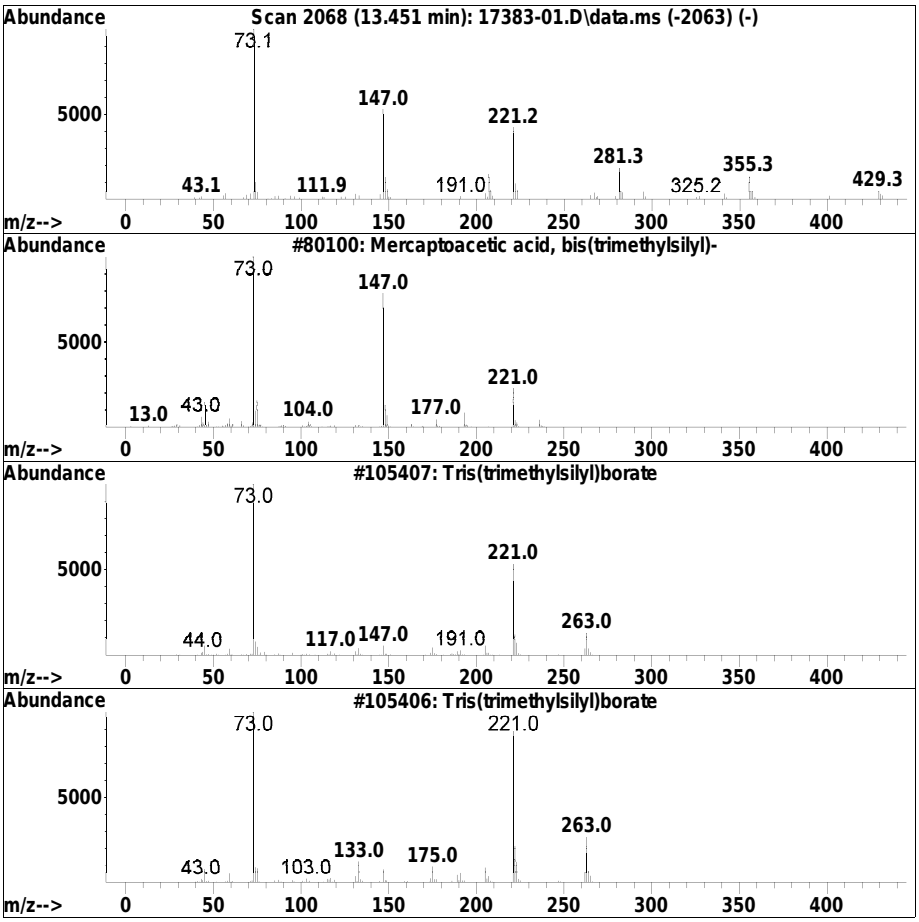
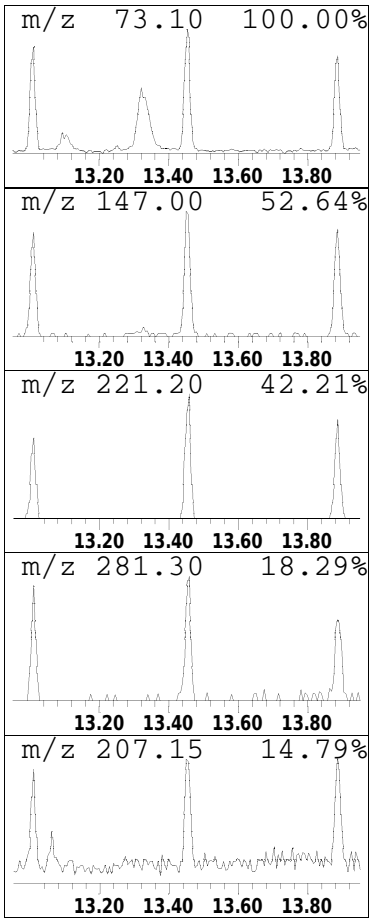
Peak Number 10 Unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.451	0.77 ug/ml	115102	IS1_Chrysene-d12	13.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	45
2	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	32
3	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	23
4	Propanedioic acid, [(trimethylsi...	336	C12H28O5Si3	038165-93-4	17
5	Ethanedioic acid, bis(trimethyls...	234	C8H18O4Si2	018294-04-7	16





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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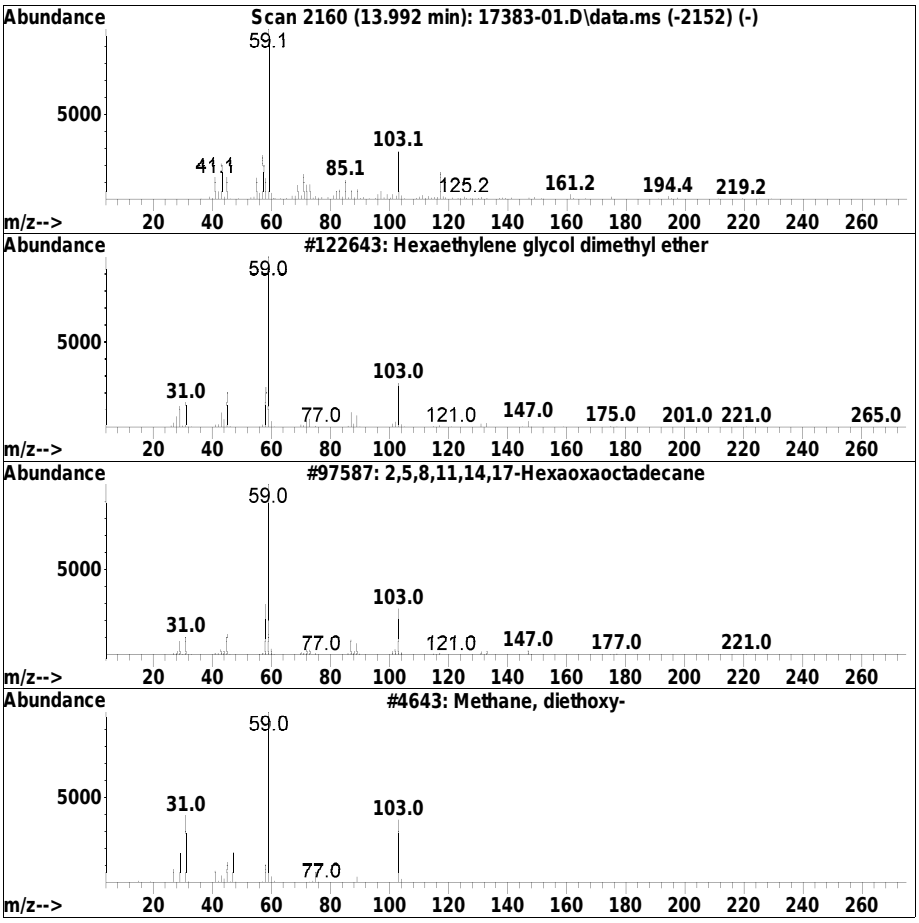
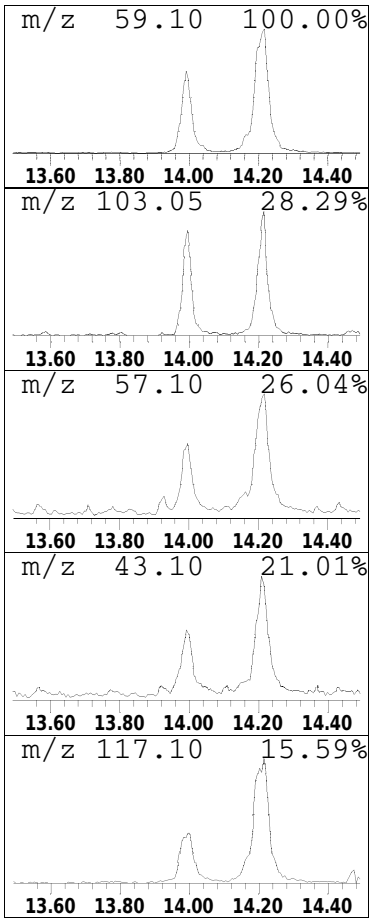
Peak Number 11 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.992	3.71 ug/ml	549985	IS1_Perylene-d12	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	59
2	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	59
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	58
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	58
5	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	53





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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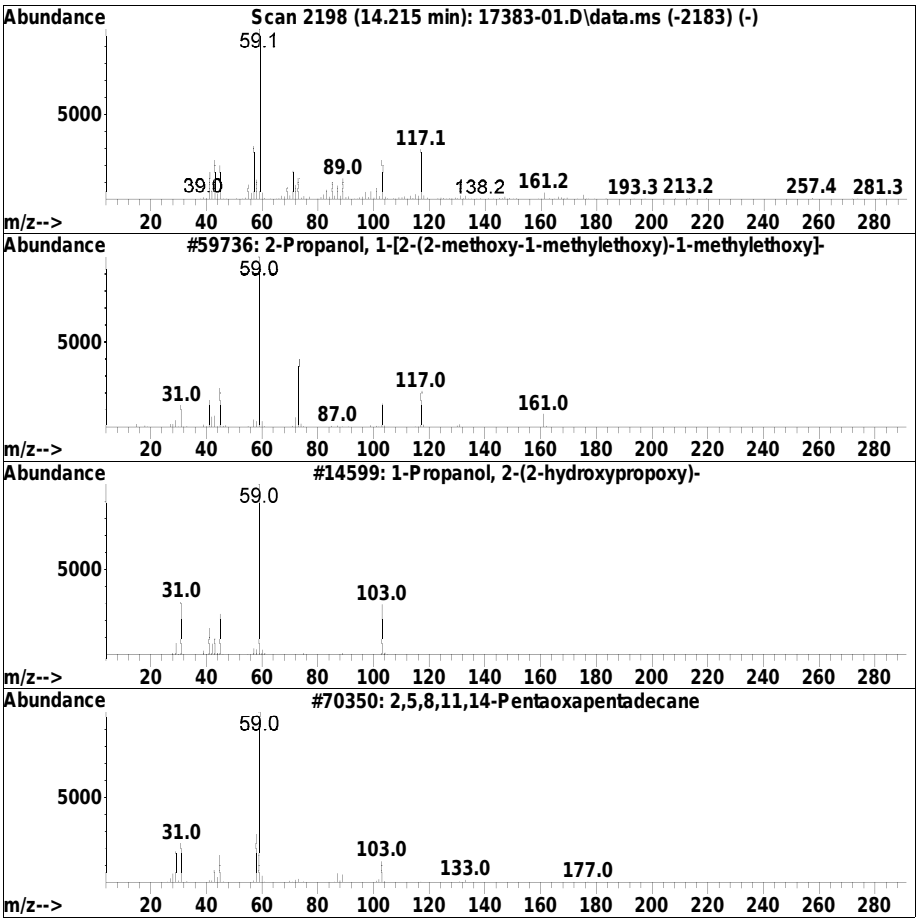
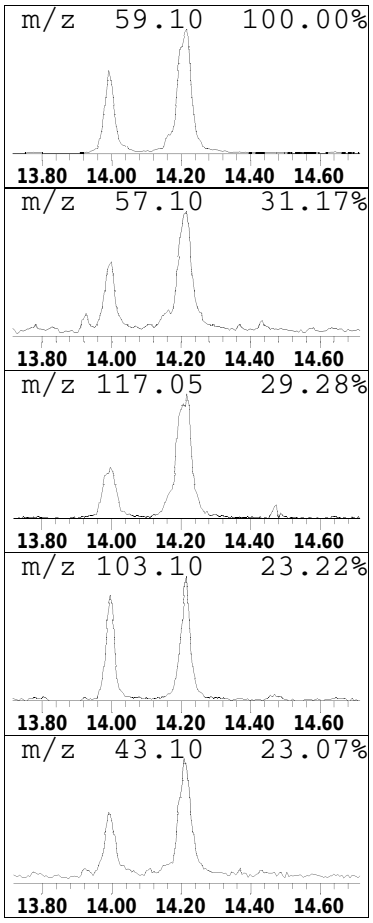
Peak Number 12 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.215	7.32 ug/ml	1084260	IS1_Perylene-d12	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	53
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
3	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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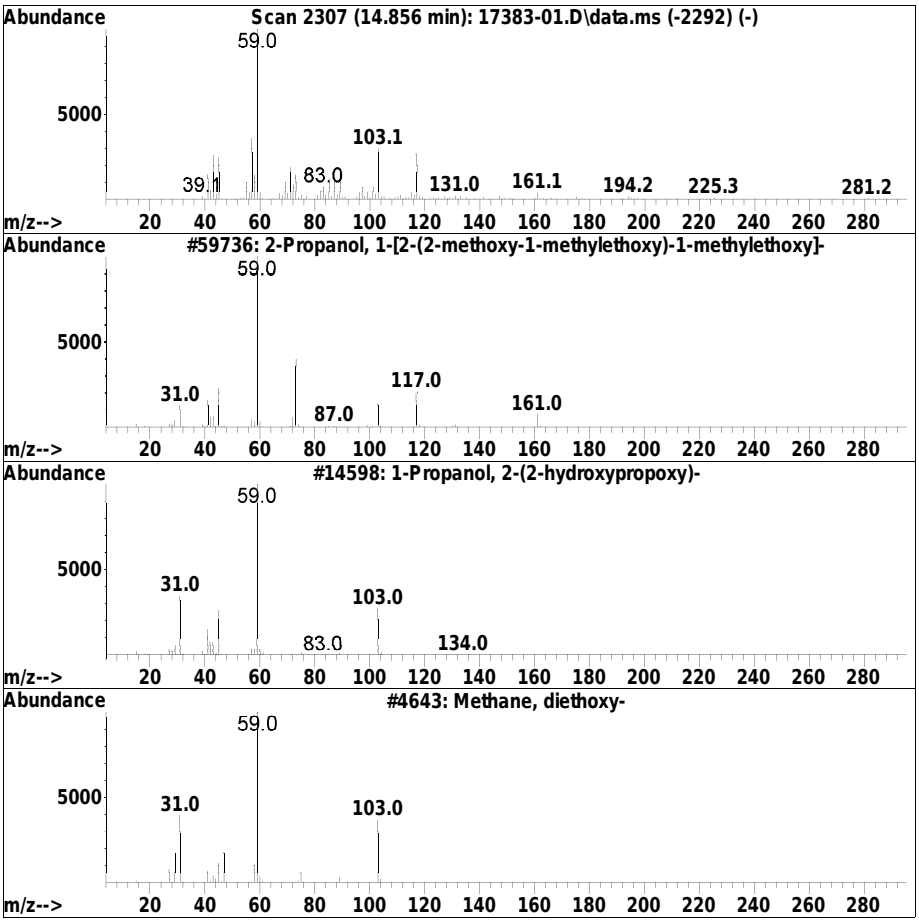
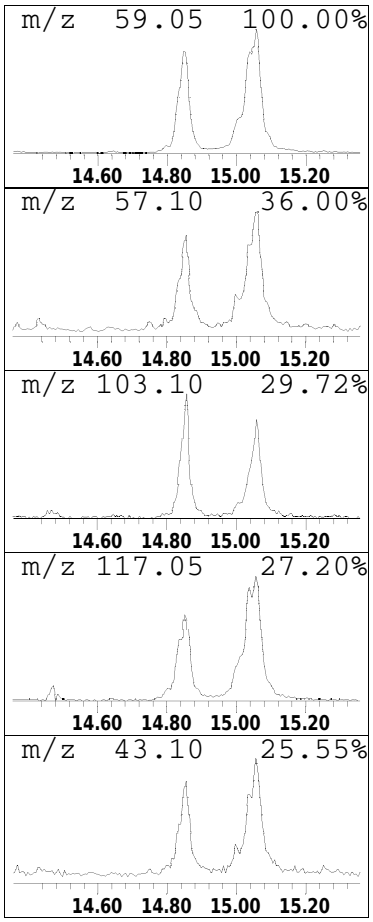
Peak Number 13 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.857	4.44 ug/ml	657716	IS1_Perylene-d12	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	53
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	47
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	47
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	47





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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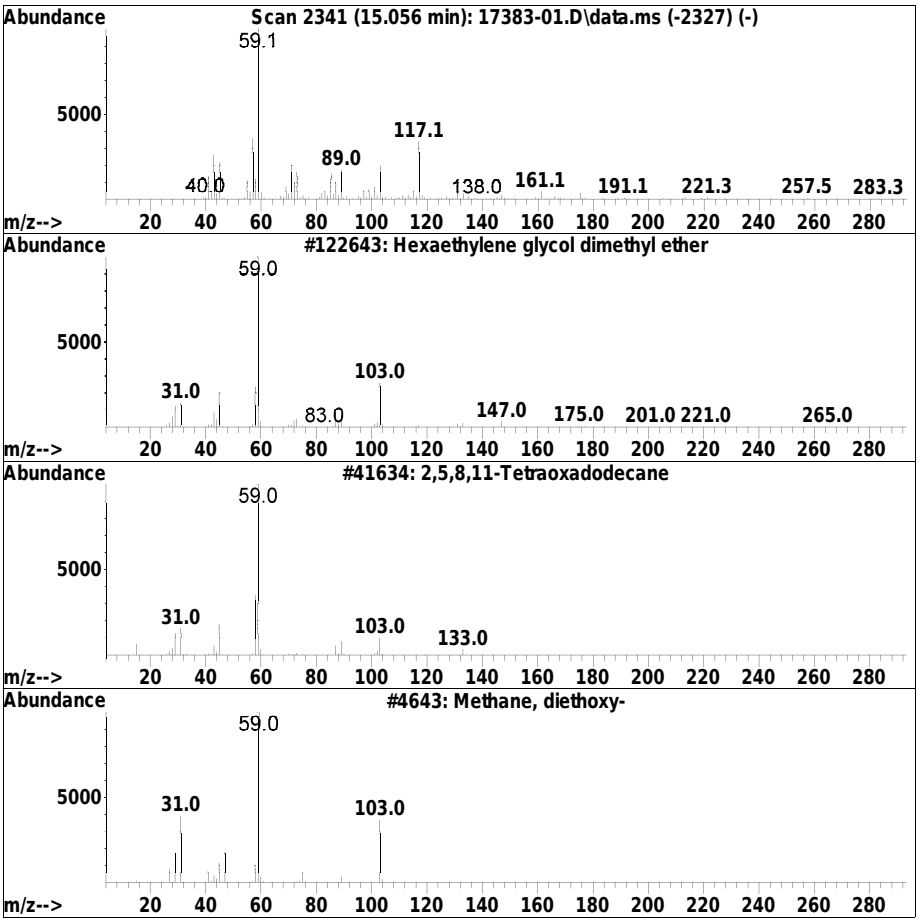
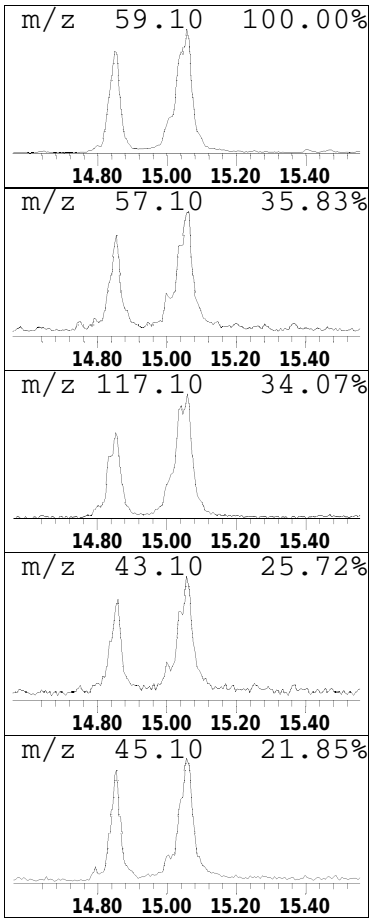
Peak Number 14 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.057	6.97 ug/ml	1033110	IS1_Perylene-d12	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	47
2	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	47
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	43
4	2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	43
5	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	43





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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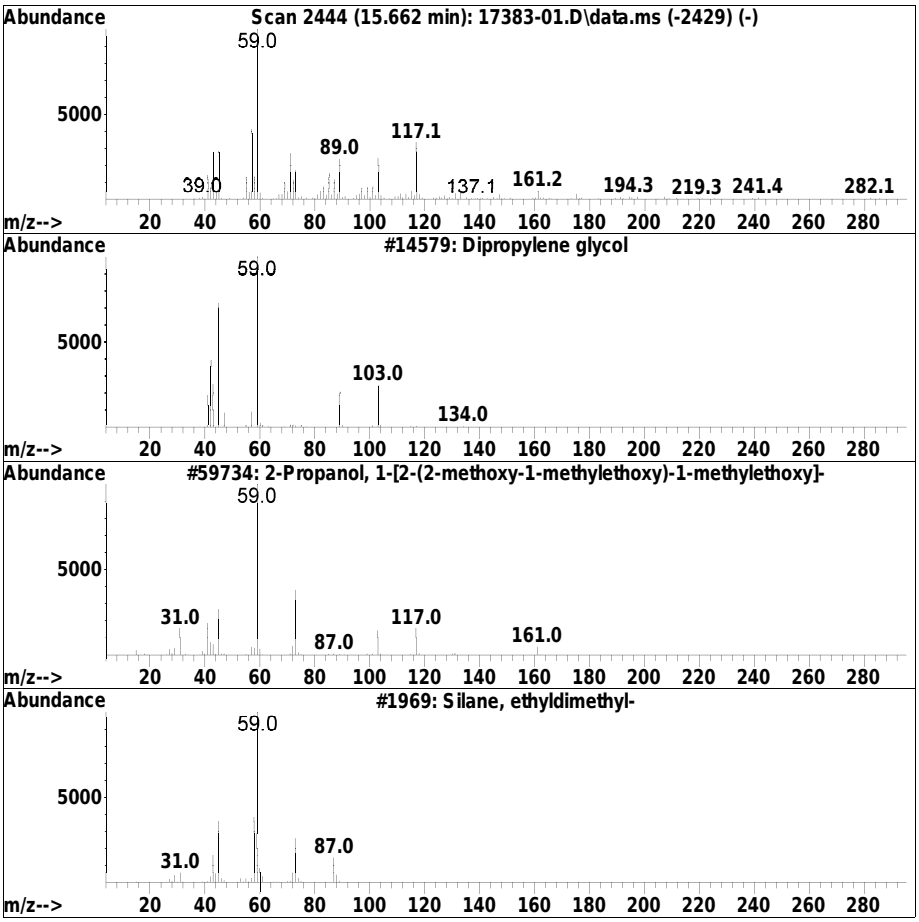
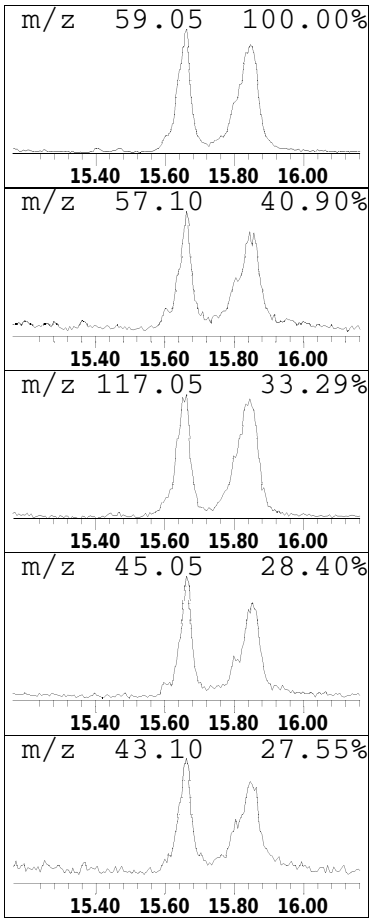
Peak Number 15 Unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.662	4.79 ug/ml	709954	IS1_Perylene-d12	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dipropylene glycol	134	C6H14O3	025265-71-8	50
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	50
3	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	43
4	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	40
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	40





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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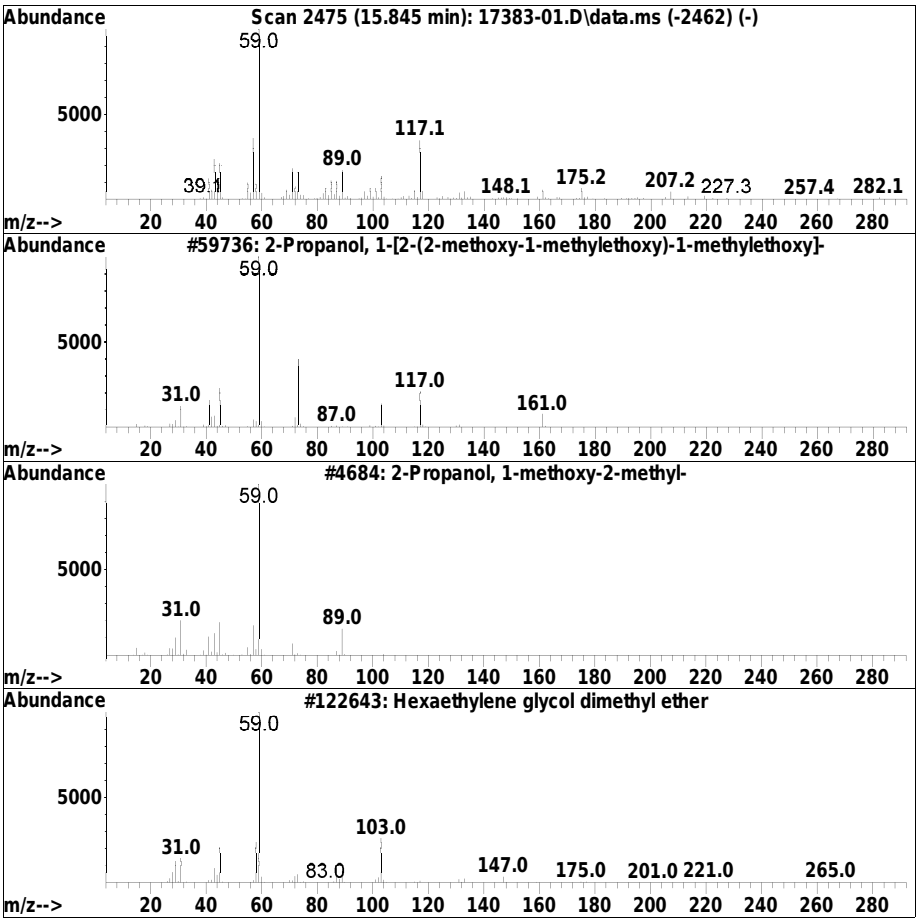
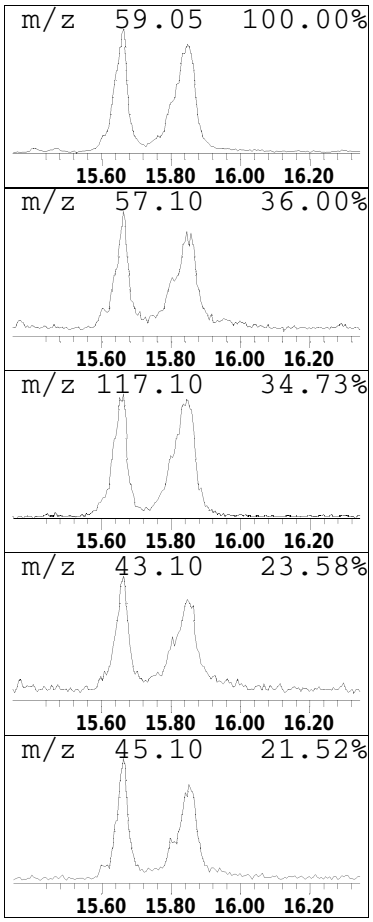
Peak Number 16 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	5.56 ug/ml	823372	IS1_Perylene-d12	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	50
2	2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	50
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	47
4	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	46
5	1,2-Butanediol	90	C4H10O2	000584-03-2	46





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	5.604	0.6	ug/ml	48615	1	5.822	331311	4.0
Unknown Alkane	7.445	0.8	ug/ml	104172	5	7.322	508241	4.0
Unknown Alkane	8.633	0.6	ug/ml	83899	6	9.086	540407	4.0
Unknown	11.657	1.9	ug/ml	269132	11	10.504	559377	4.0
Unknown	12.174	0.6	ug/ml	90692	12	13.063	596377	4.0
Unknown	12.404	3.2	ug/ml	482227	12	13.063	596377	4.0
Unknown	12.721	9.0	ug/ml	1344470	12	13.063	596377	4.0
Unknown	13.321	6.4	ug/ml	956066	12	13.063	596377	4.0
Unknown	13.451	0.8	ug/ml	115102	12	13.063	596377	4.0
Unknown	13.992	3.7	ug/ml	549985	13	14.474	592782	4.0
Unknown	14.215	7.3	ug/ml	1084260	13	14.474	592782	4.0
Unknown	14.857	4.4	ug/ml	657716	13	14.474	592782	4.0
Unknown	15.057	7.0	ug/ml	1033110	13	14.474	592782	4.0
Unknown	15.662	4.8	ug/ml	709954	13	14.474	592782	4.0
Unknown	15.845	5.6	ug/ml	823372	13	14.474	592782	4.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 01 10:01:15 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:52:47 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.822	150	78705	4.000	ug/ml		0.00
Standard Area 1 = 109810			Recovery = 71.67%				
27) IS2_1,4-Dichlorobenzen...	5.822	150	78705	4.000	ug/ml		0.00
Standard Area 3 = 101847			Recovery = 77.28%				
34) IS1_Naphthalene-d8	7.322	136	202773	4.000	ug/ml	#	0.00
Standard Area 1 = 286000			Recovery = 70.90%				
54) IS2_Naphthalene-d8	7.322	136	202773	4.000	ug/ml	#	0.00
Standard Area 3 = 268233			Recovery = 75.60%				
62) IS1_Acenaphthene-d10	9.086	164	112674	4.000	ug/ml		0.00
Standard Area 1 = 151476			Recovery = 74.38%				
85) IS3_Acenaphthene-d10	9.086	164	112674	4.000	ug/ml		0.00
Standard Area 2 = 152968			Recovery = 73.66%				
87) IS1_Phenanthrene-d10	10.504	188	205395	4.000	ug/ml	#	0.00
Standard Area 1 = 292447			Recovery = 70.23%				
103) IS1_Chrysene-d12	13.063	240	183923	4.000	ug/ml	#	0.00
Standard Area 1 = 254844			Recovery = 72.17%				
112) IS1_Perylene-d12	14.474	264	186624	4.000	ug/ml		0.00
Standard Area 1 = 271388			Recovery = 68.77%				
System Monitoring Compounds							
4) 2-Fluorophenol	3.316	112	38630	2.463	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 49.26%				
7) Phenol-d6	5.463	99	46924	2.283	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 45.66%				
19) Nitrobenzene-d5	6.539	82	27431	0.994	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 39.76%				
45) 2-Fluorobiphenyl	8.463	172	54838	1.025	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 41.00%				
78) 2,4,6-Tribromophenol	9.845	330	7735	2.176	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 43.52%				
95) 4-Terphenyl-d14	12.074	244	69562	1.372	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 54.88%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 01 10:01:15 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:52:47 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.	d	
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.		
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.		
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 01 10:01:15 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:52:47 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
106)	Chrysene	0.000		0	N.D.		
107)	Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108)	Di-n-octylphthalate	0.000		0	N.D.	d	
115)	Benzo(ghi)perylene	0.000		0	N.D.		

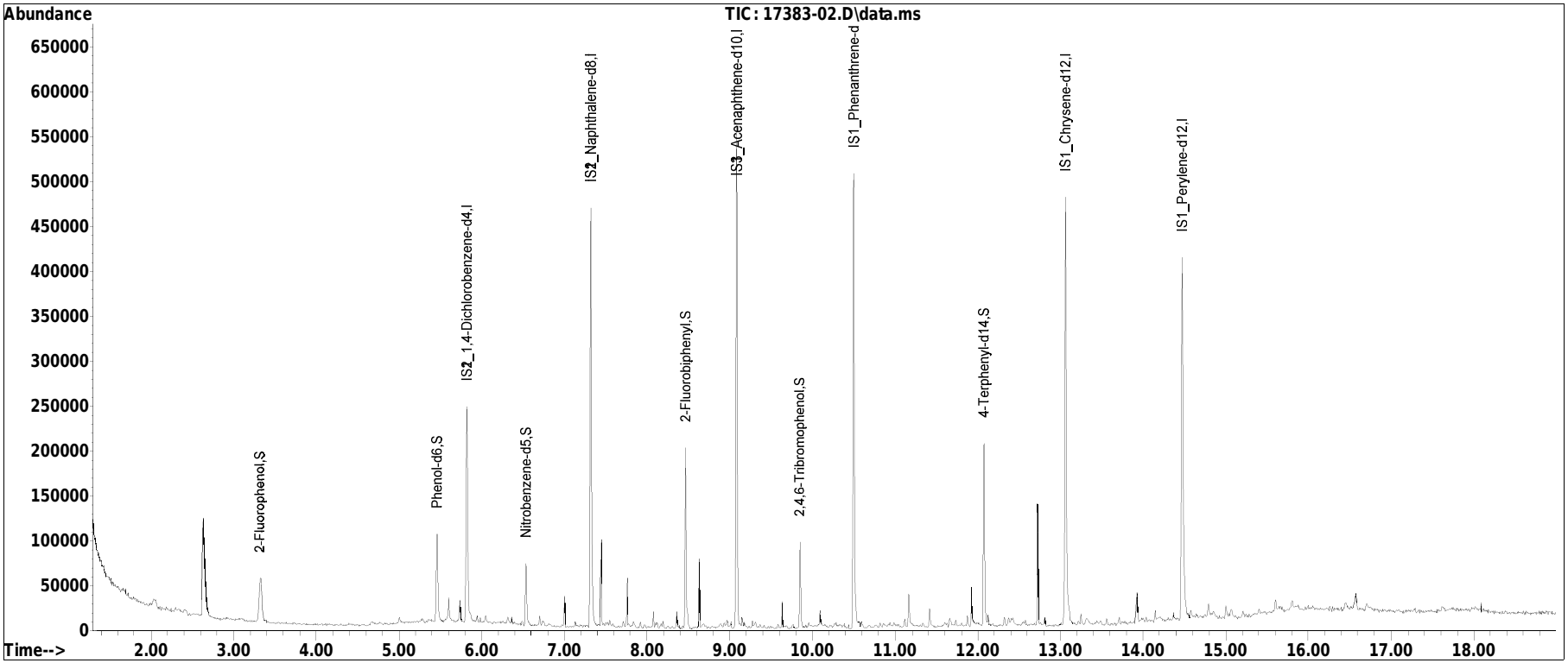
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 01 10:01:15 2020
Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:52:47 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional0429n.D•



Manual Integration Report

Data Path	: I:\8270\SV107\200429nlvi\	QMethod	: FS190927SV107.m
Data File	: 17383-02.D	Operator	: SV107:sz
Date Inj'd	: 4/30/2020 2:34 am	Instrument	: SV 107
Sample	: L2017383-02,32,,nj-bnext-l	Quant Date	: 4/30/2020 2:52 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 17383-02.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.628	223	228	246	rVB2	110887	255760	43.80%	4.676%
2	3.316	338	345	359	rVB3	49091	134547	23.04%	2.460%
3	4.687	572	578	585	rBV6	3638	10536	1.80%	0.193%
4	4.769	589	592	599	rVB6	2785	4907	0.84%	0.090%
5	5.004	628	632	640	rBV5	6236	11401	1.95%	0.208%
6	5.463	705	710	723	rVB	97912	130997	22.43%	2.395%
7	5.604	729	734	746	rVB2	25984	37784	6.47%	0.691%
8	5.734	752	756	764	rVB2	24097	32931	5.64%	0.602%
9	5.822	766	771	784	rBV	240256	319774	54.76%	5.846%
10	5.939	788	791	795	rVV3	7534	8079	1.38%	0.148%
11	5.987	795	799	802	rVB5	4891	5363	0.92%	0.098%
12	6.045	806	809	815	rVB8	7514	9034	1.55%	0.165%
13	6.310	850	854	858	rVV5	7759	10487	1.80%	0.192%
14	6.357	860	862	866	rVB3	8517	9634	1.65%	0.176%
15	6.492	882	885	889	rVB4	5168	7048	1.21%	0.129%
16	6.539	889	893	904	rBV	69399	82181	14.07%	1.502%
17	6.704	916	921	924	rVV3	10828	10524	1.80%	0.192%
18	6.739	924	927	935	rVV6	5945	10350	1.77%	0.189%
19	6.816	935	940	950	rVB8	3438	7882	1.35%	0.144%
20	7.004	964	972	976	rBV	34188	32494	5.56%	0.594%
21	7.128	990	993	997	rBV4	5062	5451	0.93%	0.100%
22	7.322	1022	1026	1039	rBV	466925	472290	80.88%	8.634%
23	7.445	1043	1047	1051	rVB	94984	77964	13.35%	1.425%
24	7.551	1063	1065	1069	rVB2	6646	5635	0.96%	0.103%
25	7.586	1069	1071	1080	rVB5	4262	6445	1.10%	0.118%
26	7.710	1089	1092	1095	rBV3	6419	6230	1.07%	0.114%
27	7.763	1095	1101	1104	rBV	54115	55156	9.45%	1.008%
28	7.839	1110	1114	1122	rVB6	7268	12334	2.11%	0.225%

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.922	1122	1128	1132	rBV4	6739	7322	1.25%	0.134%
30	7.975	1132	1137	1141	rBV6	3582	5010	0.86%	0.092%
31	8.075	1148	1154	1157	rBV2	17741	20479	3.51%	0.374%
32	8.175	1166	1171	1172	rBV2	4872	5657	0.97%	0.103%
33	8.192	1172	1174	1178	rVB	7964	6132	1.05%	0.112%
34	8.357	1197	1202	1209	rBV3	18254	21572	3.69%	0.394%
35	8.463	1213	1220	1235	rBV	201533	184904	31.66%	3.380%
36	8.628	1244	1248	1253	rBV	77279	70462	12.07%	1.288%
37	8.692	1253	1259	1261	rVV5	3363	6036	1.03%	0.110%
38	8.886	1284	1292	1296	rBV5	4425	8649	1.48%	0.158%
39	8.963	1301	1305	1311	rVV2	7531	10941	1.87%	0.200%
40	9.016	1311	1314	1320	rVB4	5826	6561	1.12%	0.120%
41	9.086	1320	1326	1334	rBV	559806	517613	88.64%	9.462%
42	9.145	1334	1336	1339	rVV	10799	9943	1.70%	0.182%
43	9.175	1339	1341	1348	rVB	6853	9523	1.63%	0.174%
44	9.269	1353	1357	1360	rBV3	7599	7800	1.34%	0.143%
45	9.316	1360	1365	1368	rVB3	5939	8294	1.42%	0.152%
46	9.580	1403	1410	1413	rBV2	4730	6819	1.17%	0.125%
47	9.633	1415	1419	1422	rBV	29338	24336	4.17%	0.445%
48	9.769	1434	1442	1446	rVB5	4309	8863	1.52%	0.162%
49	9.845	1446	1455	1461	rBV	96428	91635	15.69%	1.675%
50	9.963	1471	1475	1478	rBV3	4528	4855	0.83%	0.089%
51	10.092	1491	1497	1503	rVB3	17835	21031	3.60%	0.384%
52	10.269	1522	1527	1529	rBV3	4437	6660	1.14%	0.122%
53	10.386	1543	1547	1552	rVB5	4635	6655	1.14%	0.122%
54	10.504	1561	1567	1579	rBV	507001	546645	93.61%	9.993%
55	10.598	1579	1583	1592	rVB6	7800	13838	2.37%	0.253%
56	10.692	1592	1599	1604	rBV6	3248	6922	1.19%	0.127%
57	10.774	1606	1613	1618	rBV8	2699	5030	0.86%	0.092%
58	10.822	1618	1621	1625	rBV3	4964	5006	0.86%	0.092%
59	10.863	1625	1628	1635	rBV7	4239	8191	1.40%	0.150%
60	10.939	1635	1641	1646	rVV4	4681	7330	1.26%	0.134%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	10.986	1646	1649	1652	rVV3	3970	4888	0.84%	0.089%
62	11.110	1665	1670	1675	rBV	8862	9292	1.59%	0.170%
63	11.157	1675	1678	1691	rBV	36057	45447	7.78%	0.831%
64	11.416	1719	1722	1731	rVB2	20834	22910	3.92%	0.419%
65	11.598	1747	1753	1756	rVV4	5252	9335	1.60%	0.171%
66	11.657	1760	1763	1770	rBV6	10189	18953	3.25%	0.346%
67	11.727	1773	1775	1780	rVV3	7433	8237	1.41%	0.151%
68	11.868	1792	1799	1804	rVB4	12712	14421	2.47%	0.264%
69	11.921	1804	1808	1818	rBV	44057	54632	9.36%	0.999%
70	12.016	1822	1824	1829	rVV5	4807	6963	1.19%	0.127%
71	12.074	1829	1834	1840	rVV	204245	214152	36.67%	3.915%
72	12.121	1840	1842	1848	rVV3	13228	14477	2.48%	0.265%
73	12.263	1861	1866	1872	rBV9	2474	5643	0.97%	0.103%
74	12.321	1872	1876	1880	rBV3	9704	10721	1.84%	0.196%
75	12.368	1880	1884	1887	rBV2	8600	12189	2.09%	0.223%
76	12.551	1909	1915	1916	rBV6	4554	7242	1.24%	0.132%
77	12.568	1916	1918	1921	rVB3	5021	4862	0.83%	0.089%
78	12.721	1939	1944	1950	rBV	135551	131896	22.59%	2.411%
79	12.810	1955	1959	1965	rVB4	9269	11026	1.89%	0.202%
80	13.010	1987	1993	1995	rBV5	4235	5990	1.03%	0.110%
81	13.063	1995	2002	2018	rVV	476372	576477	98.72%	10.539%
82	13.215	2025	2028	2032	rBV5	4300	5250	0.90%	0.096%
83	13.257	2032	2035	2041	rVB2	11927	12238	2.10%	0.224%
84	13.321	2041	2046	2056	rBV7	6848	19277	3.30%	0.352%
85	13.486	2071	2074	2079	rVB6	4442	6571	1.13%	0.120%
86	13.563	2082	2087	2094	rVB6	7902	10833	1.86%	0.198%
87	13.715	2106	2113	2116	rBV5	9482	13289	2.28%	0.243%
88	13.845	2130	2135	2138	rBV6	3510	5325	0.91%	0.097%
89	13.921	2144	2148	2154	rBV3	34142	48742	8.35%	0.891%
90	14.039	2165	2168	2171	rBV5	5664	5227	0.90%	0.096%
91	14.151	2183	2187	2191	rBV5	13495	19801	3.39%	0.362%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

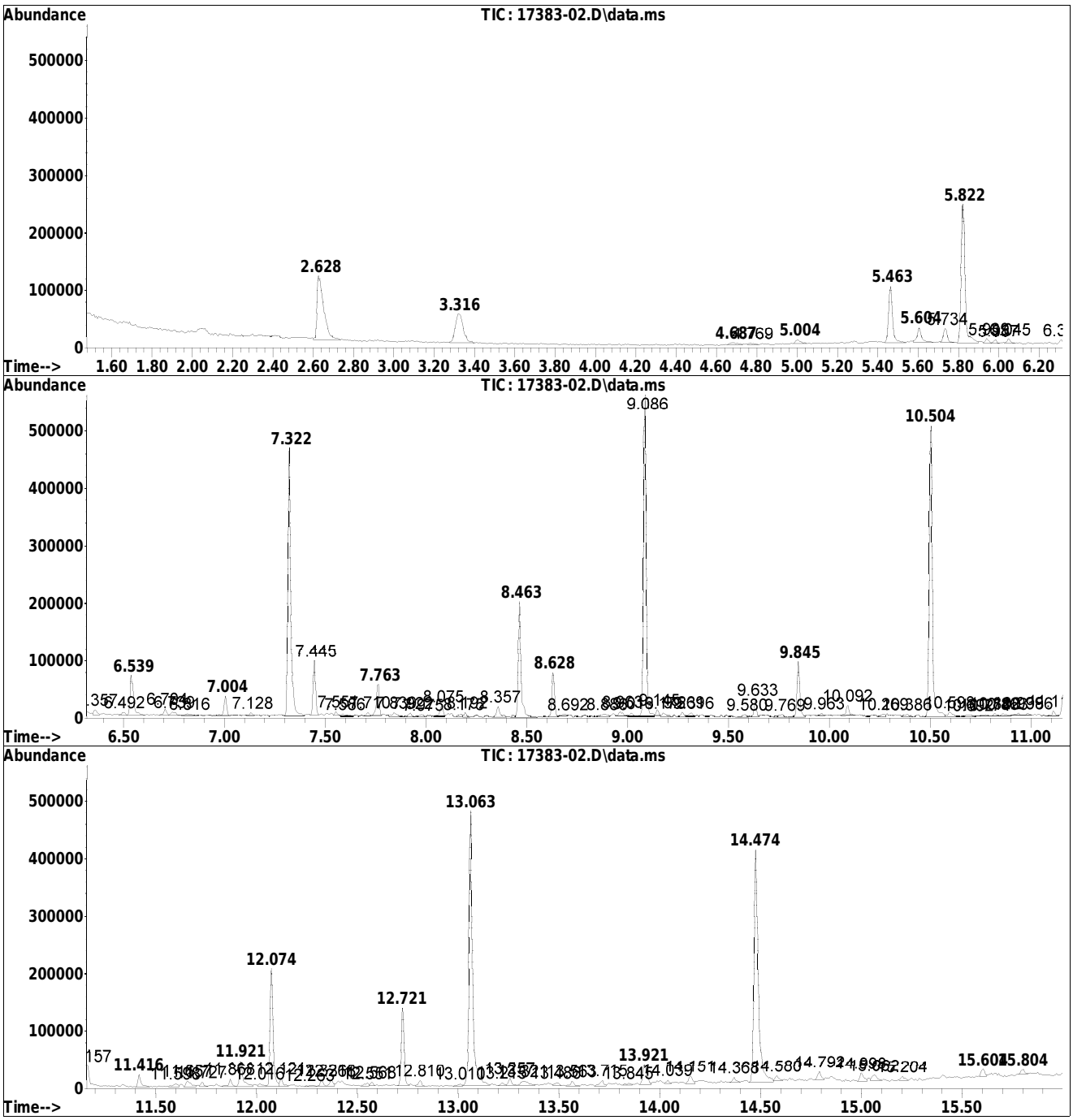
92	14.368	2220	2224	2229	rBV5	8392	9533	1.63%	0.174%
93	14.474	2236	2242	2257	rBV	404486	583947	100.00%	10.675%
94	14.580	2257	2260	2265	rBV6	8323	10851	1.86%	0.198%
95	14.792	2292	2296	2300	rBV5	13706	15720	2.69%	0.287%
96	14.998	2328	2331	2336	rBV6	14236	19592	3.36%	0.358%
97	15.062	2339	2342	2349	rVB7	9004	16521	2.83%	0.302%
98	15.204	2363	2366	2371	rVB7	6714	8445	1.45%	0.154%
99	15.604	2431	2434	2437	rBV6	12486	15744	2.70%	0.288%
100	15.804	2464	2468	2472	rBV6	7800	9579	1.64%	0.175%

Sum of corrected areas: 5470170

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

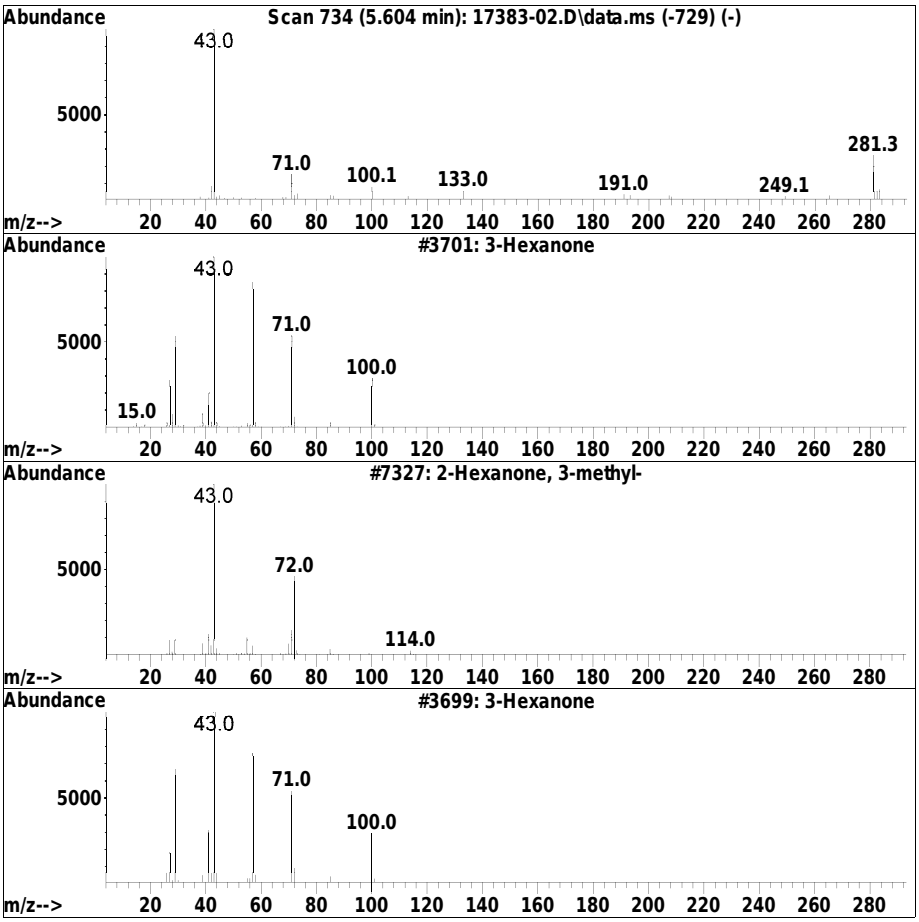
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

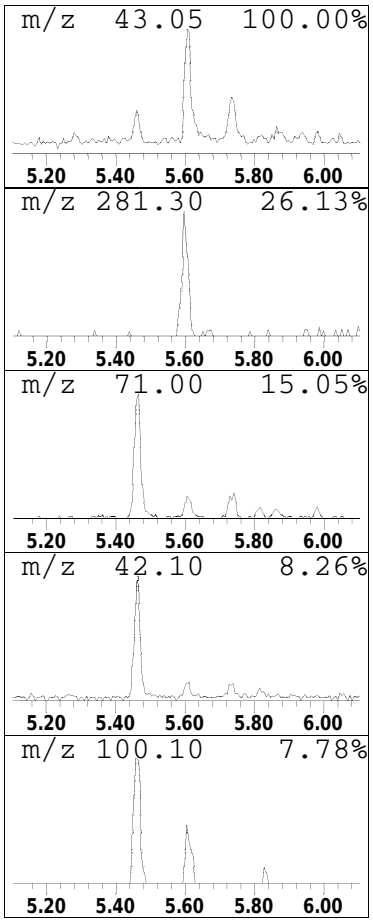
****

Peak Number 2 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.604	0.47 ug/ml	37784	IS2_1,4-Dichlorobenzene-d4	5.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	9
2	2-Hexanone, 3-methyl-	114	C7H14O	002550-21-2	9
3	3-Hexanone	100	C6H12O	000589-38-8	7
4	3-Hexanone	100	C6H12O	000589-38-8	7
5	Heptane	100	C7H16	000142-82-5	7





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

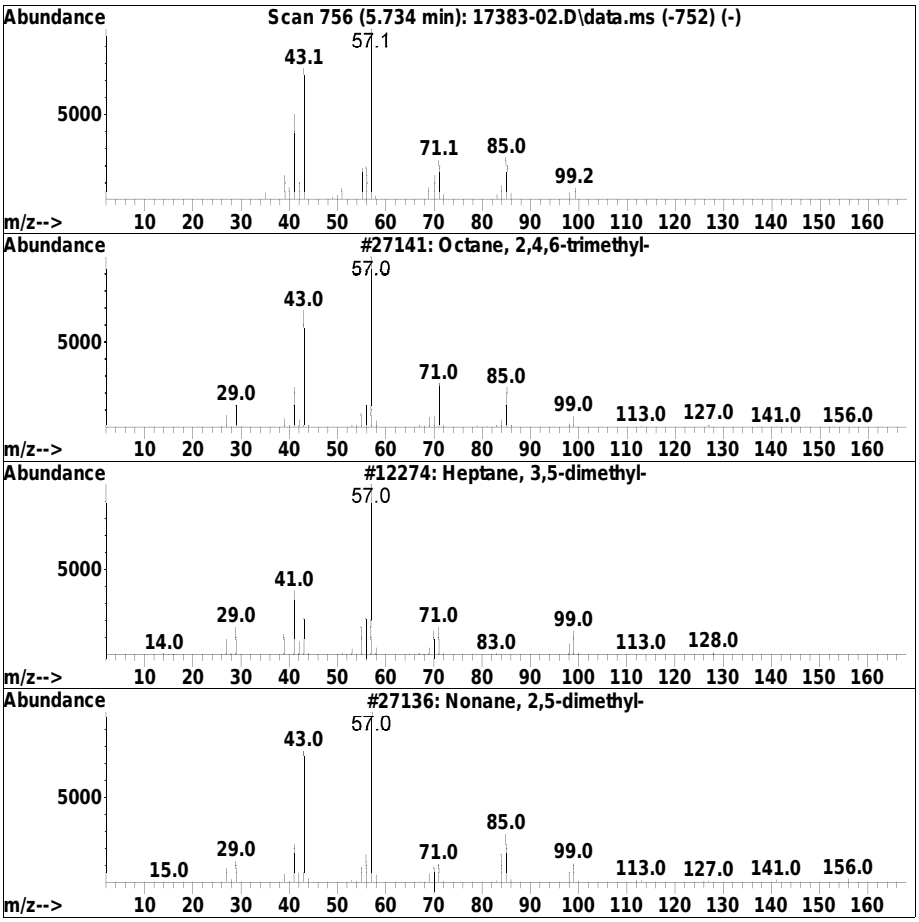
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

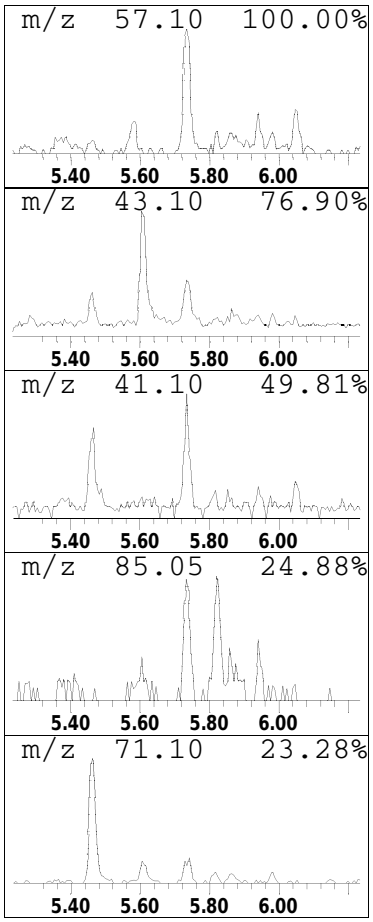
****

Peak Number 3 Unknown Alkane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.734	0.41 ug/ml	32931	IS2_1,4-Dichlorobenzene-d4	5.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53
3	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	50
4	Decane	142	C10H22	000124-18-5	45
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

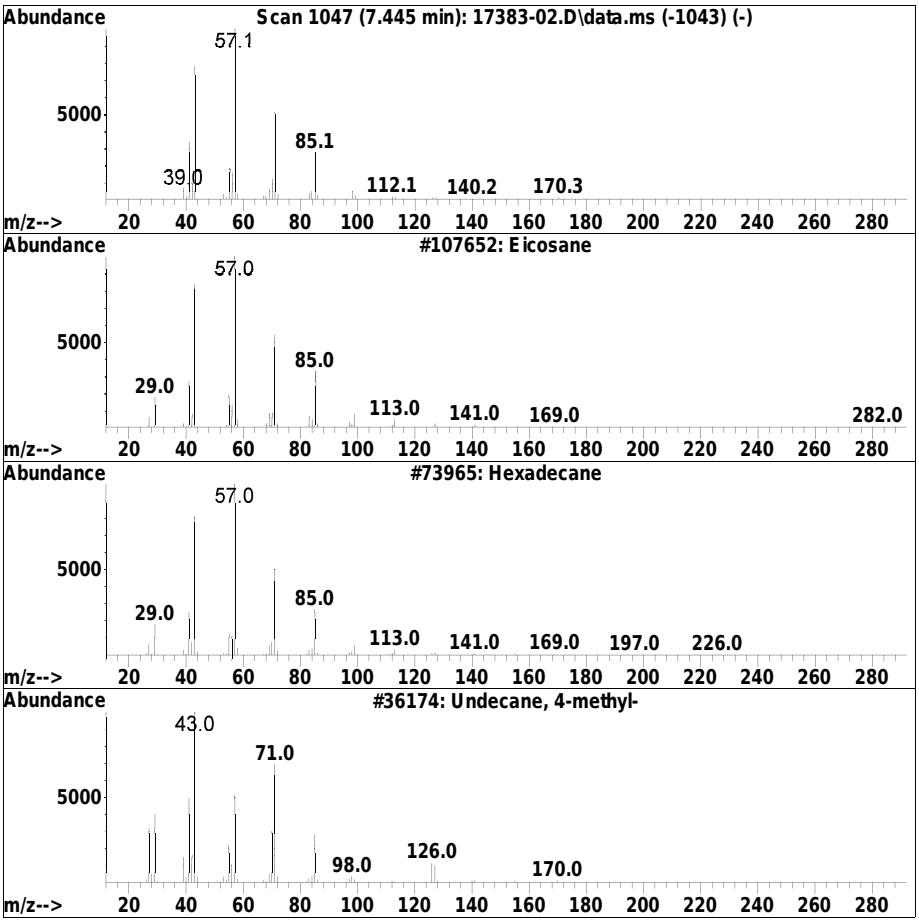
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

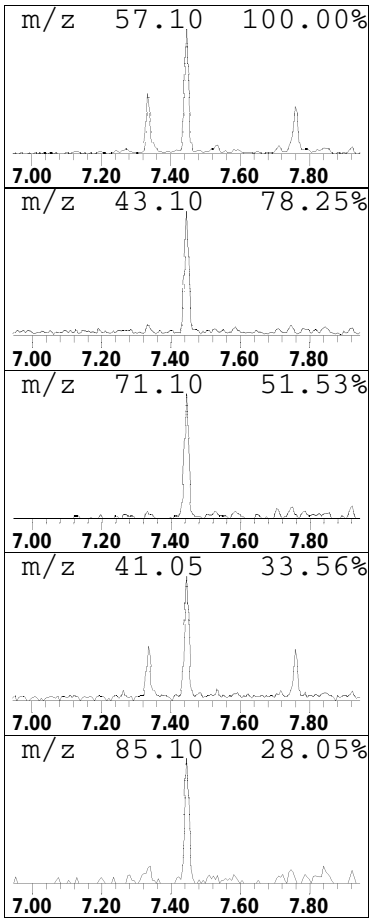
****

Peak Number 4 Unknown Alkane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.445	0.66 ug/ml	77964	IS2_Naphthalene-d8	7.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Hexadecane	226	C16H34	000544-76-3	83
3	Undecane, 4-methyl-	170	C12H26	002980-69-0	72
4	Hexadecane	226	C16H34	000544-76-3	59
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

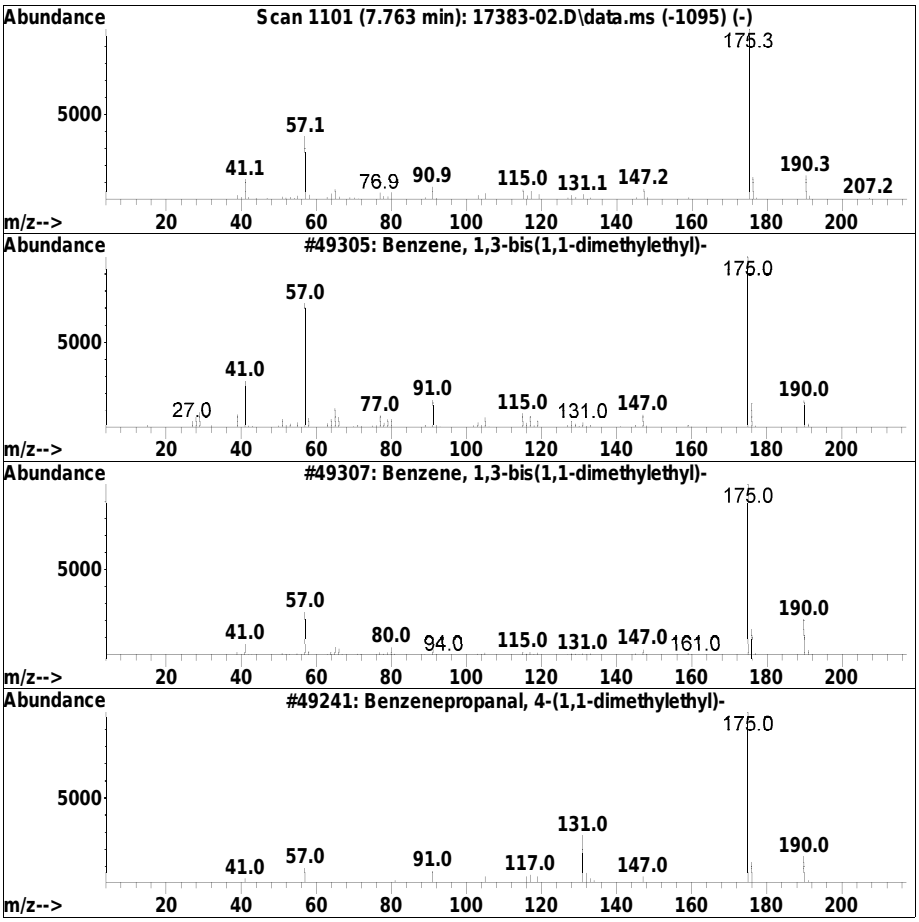
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

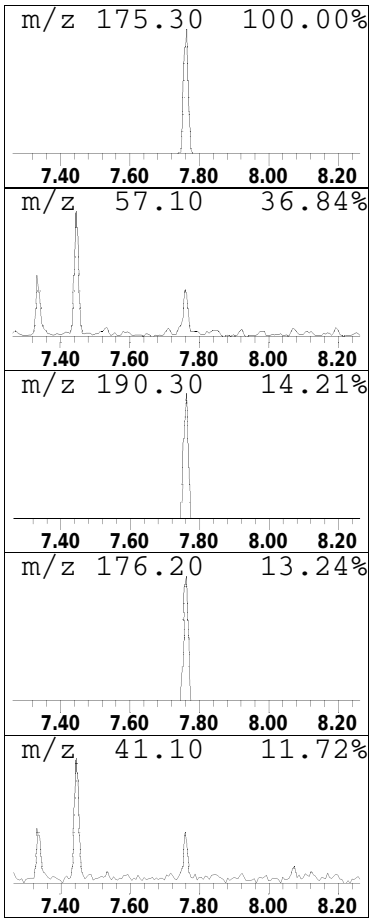
****

Peak Number 5 Unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.763	0.47 ug/ml	55156	IS2_Naphthalene-d8	7.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	94
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
3	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	86
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	83
5	2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	72





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

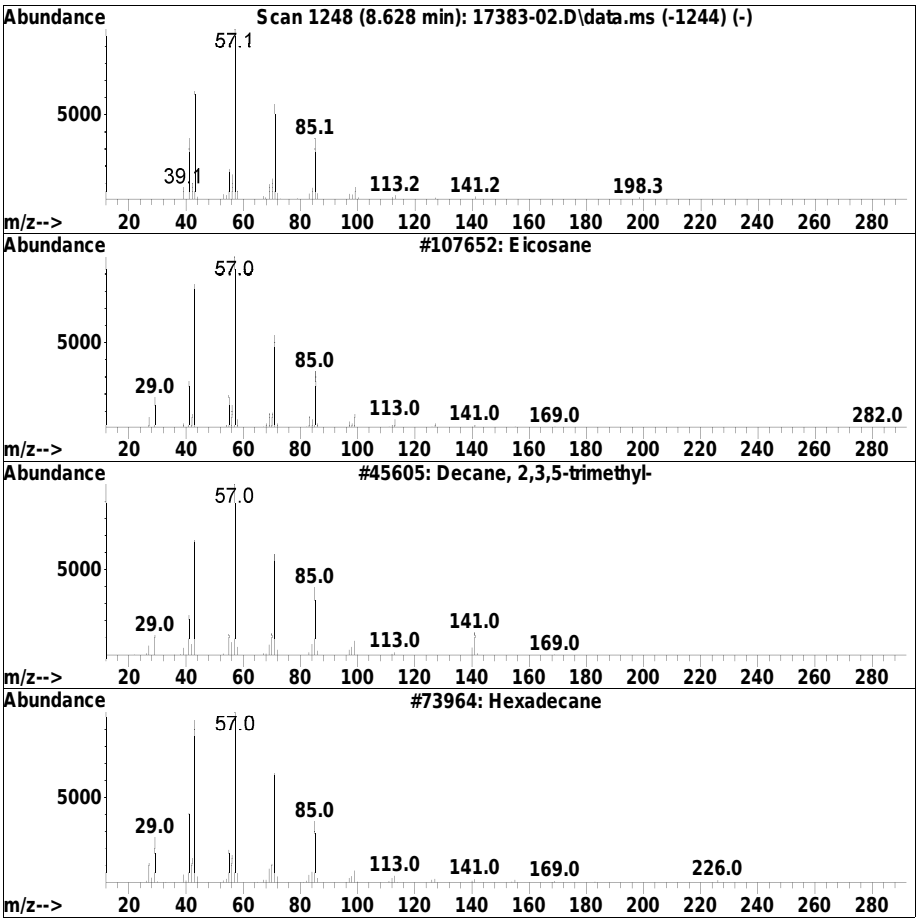
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

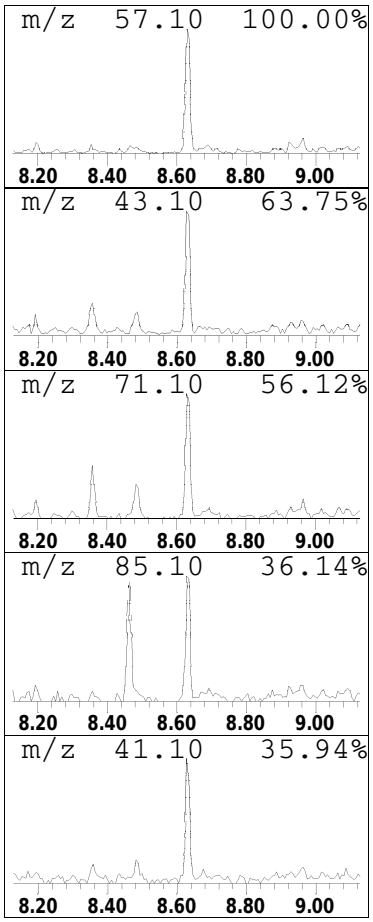
****

Peak Number 6 Unknown Alkane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.628	0.54 ug/ml	70462	IS1_Acenaphthene-d10	9.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Hexadecane	226	C16H34	000544-76-3	78
4	Tridecane	184	C13H28	000629-50-5	72
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

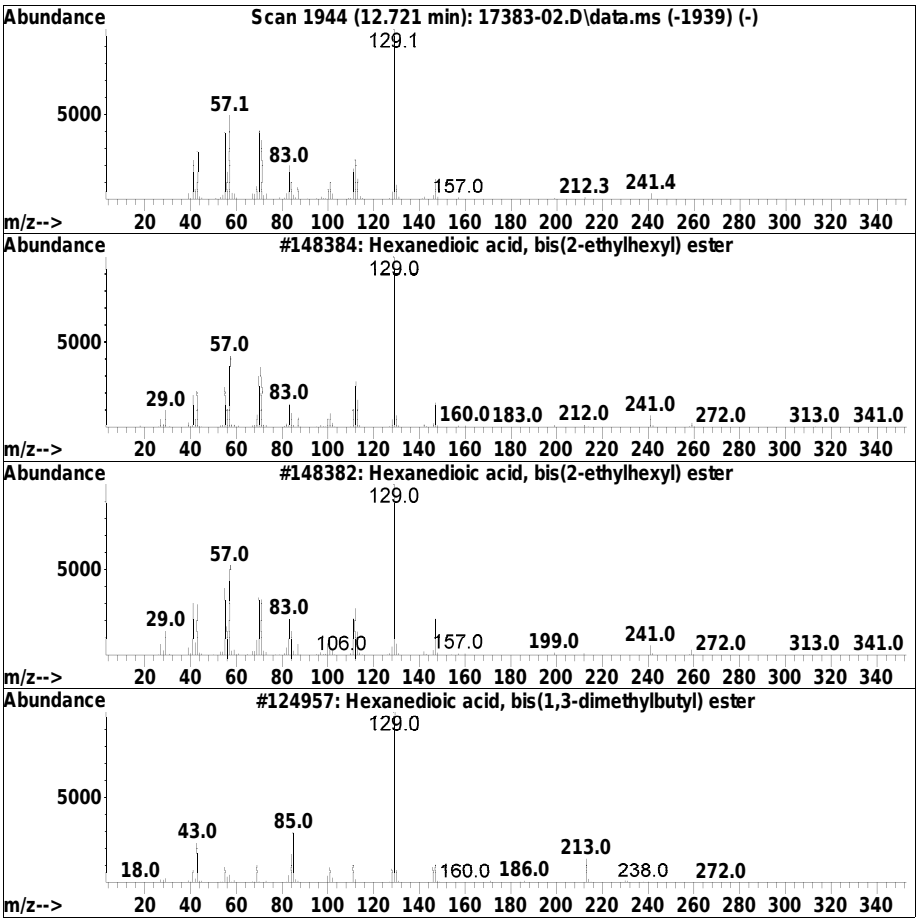
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

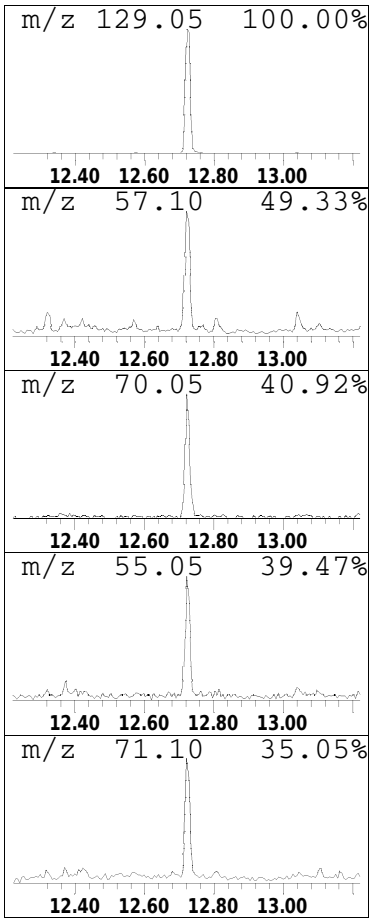
****

Peak Number 7 Unknown Organic Acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.721	0.92 ug/ml	131896	IS1_Chrysene-d12	13.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	43
3	Hexanedioic acid, bis(1,3-dimeth...	314	C18H34O4	055125-22-9	37
4	Hexanedioic acid, dicyclohexyl e...	310	C18H30O4	000849-99-0	32
5	Hexanedioic acid, dihexyl ester	314	C18H34O4	000110-33-8	32





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	5.604	0.5	ug/ml	37784	1	5.822	319774	4.0
Unknown Alkane	5.734	0.4	ug/ml	32931	1	5.822	319774	4.0
Unknown Alkane	7.445	0.7	ug/ml	77964	5	7.322	472290	4.0
Unknown	7.763	0.5	ug/ml	55156	5	7.322	472290	4.0
Unknown Alkane	8.628	0.5	ug/ml	70462	6	9.086	517613	4.0
Unknown Organic...	12.721	0.9	ug/ml	131896	12	13.063	576477	4.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 01 10:28:49 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:19:36 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.822	150	82627	4.000	ug/ml		0.00
Standard Area 1 = 109810			Recovery = 75.25%				
27) IS2_1,4-Dichlorobenzen...	5.822	150	82627	4.000	ug/ml		0.00
Standard Area 3 = 101847			Recovery = 81.13%				
34) IS1_Naphthalene-d8	7.322	136	213581	4.000	ug/ml	#	0.00
Standard Area 1 = 286000			Recovery = 74.68%				
54) IS2_Naphthalene-d8	7.322	136	213581	4.000	ug/ml	#	0.00
Standard Area 3 = 268233			Recovery = 79.63%				
62) IS1_Acenaphthene-d10	9.081	164	114655M6	4.000	ug/ml		0.00
Standard Area 1 = 151476			Recovery = 75.69%				
85) IS3_Acenaphthene-d10	9.081	164	114655M6	4.000	ug/ml		0.00
Standard Area 2 = 152968			Recovery = 74.95%				
87) IS1_Phenanthrene-d10	10.498	188	214806	4.000	ug/ml	#	0.00
Standard Area 1 = 292447			Recovery = 73.45%				
103) IS1_Chrysene-d12	13.063	240	189112	4.000	ug/ml	#	0.00
Standard Area 1 = 254844			Recovery = 74.21%				
112) IS1_Perylene-d12	14.474	264	192779	4.000	ug/ml		0.00
Standard Area 1 = 271388			Recovery = 71.03%				
System Monitoring Compounds							
4) 2-Fluorophenol	3.328	112	30182	1.833	ug/ml		0.01
Spiked Amount 5.000	Range 15 - 110		Recovery = 36.66%				
7) Phenol-d6	5.463	99	42403	1.965	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 39.30%				
19) Nitrobenzene-d5	6.540	82	25925	0.895	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 35.80%				
45) 2-Fluorobiphenyl	8.463	172	54600	0.969	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 38.76%				
78) 2,4,6-Tribromophenol	9.845	330	3878	1.072	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 21.44%				
95) 4-Terphenyl-d14	12.074	244	59258	1.117	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 44.68%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 01 10:28:49 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:19:36 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		d
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		d
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.		
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.		d
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 01 10:28:49 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:19:36 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
106) Chrysene	0.000		0	N.D.		
107) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108) Di-n-octylphthalate	0.000		0	N.D.	d	
115) Benzo(ghi)perylene	0.000		0	N.D.		

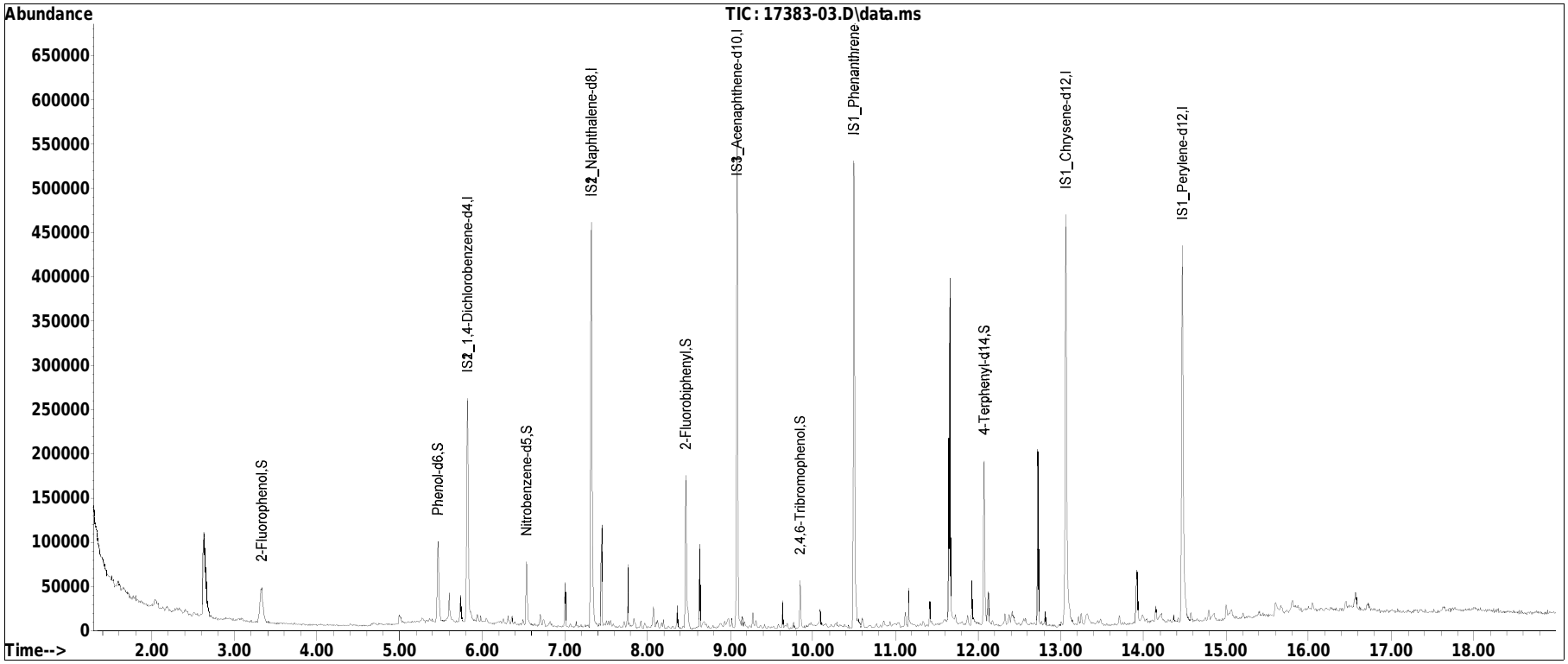
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 01 10:28:49 2020
Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:19:36 2020
Response via : Initial Calibration

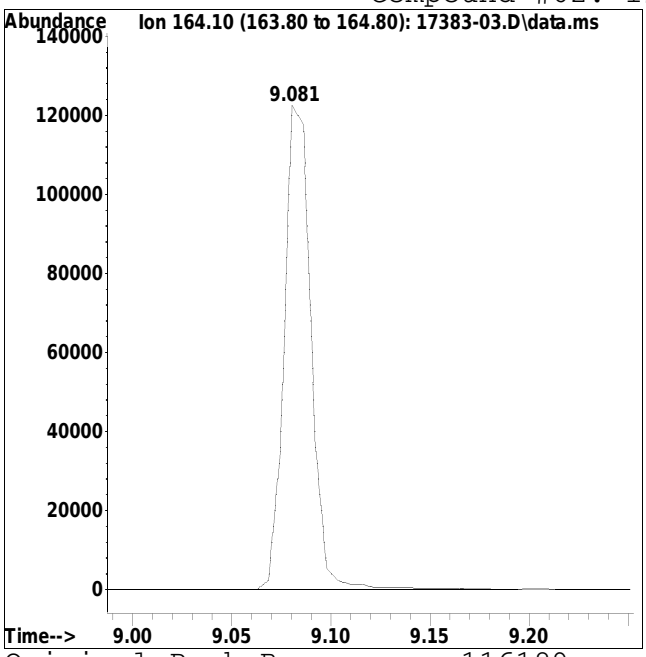
Sub List : NJLiq_combo - NJTCL+7 Additional0429n.D•



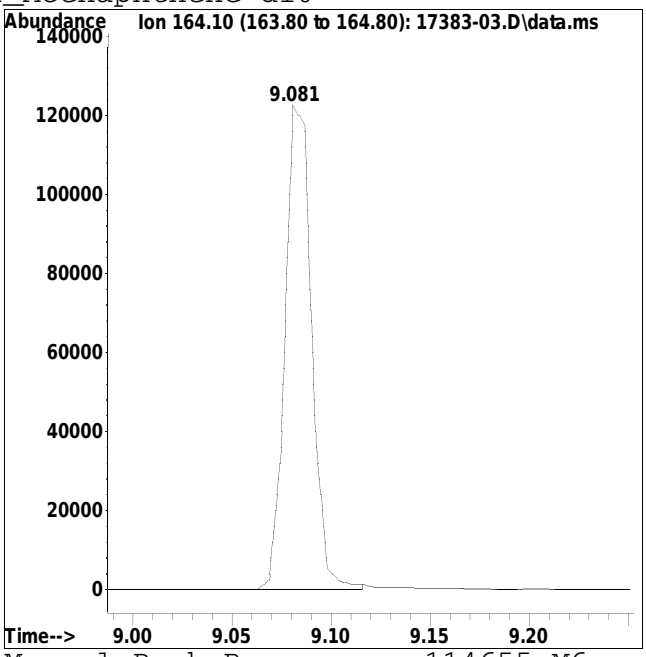
Manual Integration Report

Data Path : I:\8270\SV107\200429nlvi\ QMethod : FS190927SV107.m
Data File : 17383-03.D Operator : SV107:sz
Date Inj'd : 4/30/2020 3:01 am Instrument : SV 107
Sample : L2017383-03,32,,nj-bnext-1 Quant Date : 4/30/2020 3:19 am

Compound #62: IS1_Acenaphthene-d10



Original Peak Response = 116189



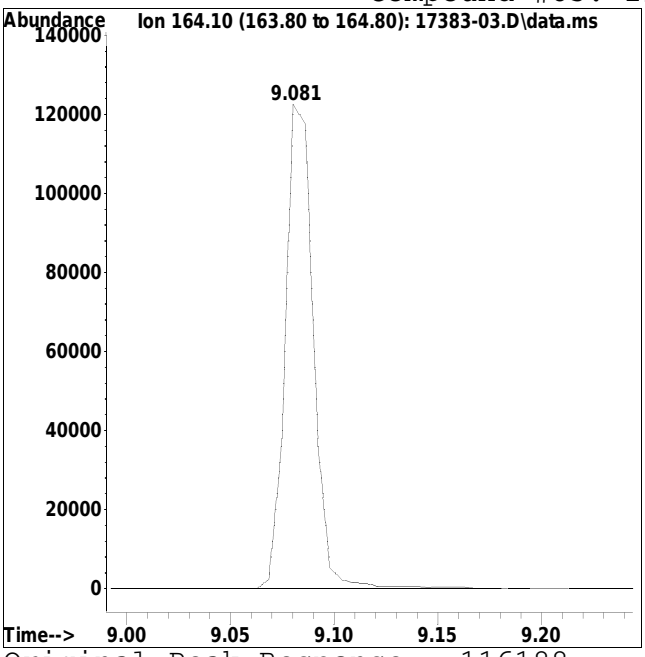
Manual Peak Response = 114655 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

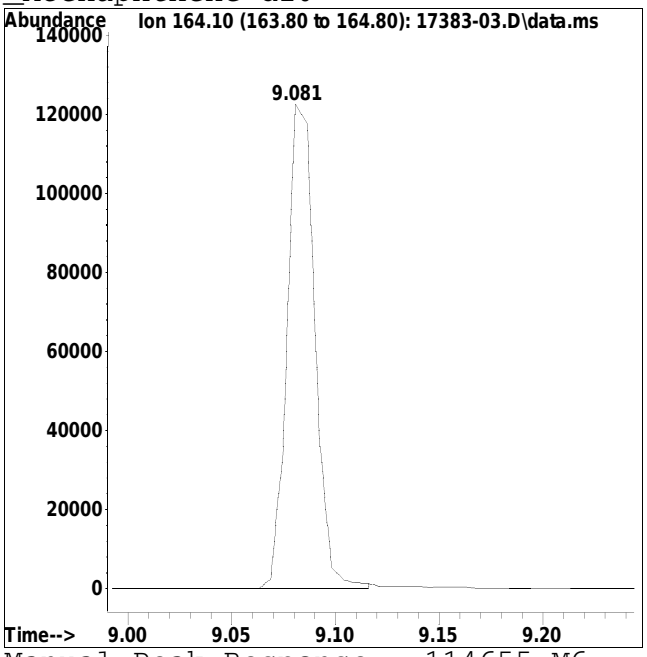
Manual Integration Report

Data Path : I:\8270\SV107\200429nlvi\ QMethod : FS190927SV107.m
Data File : 17383-03.D Operator : SV107:sz
Date Inj'd : 4/30/2020 3:01 am Instrument : SV 107
Sample : L2017383-03,32,,nj-bnext-l Quant Date : 4/30/2020 3:19 am

Compound #85: IS3_Acenaphthene-d10



Original Peak Response = 116188



Manual Peak Response = 114655 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 17383-03.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.628	224	228	251	rVB2	97698	222347	36.01%	3.488%
2	3.328	339	347	358	rVB2	39720	103997	16.84%	1.632%
3	4.687	572	578	587	rBV9	2606	7142	1.16%	0.112%
4	4.993	626	630	641	rBV3	10341	19466	3.15%	0.305%
5	5.269	675	677	684	rVB6	4556	8183	1.33%	0.128%
6	5.463	705	710	718	rBV	91396	114517	18.54%	1.797%
7	5.604	727	734	746	rVB	32721	54669	8.85%	0.858%
8	5.734	752	756	765	rBV	30214	39477	6.39%	0.619%
9	5.822	765	771	784	rBV	252978	343553	55.64%	5.390%
10	5.940	789	791	795	rVV4	8260	8214	1.33%	0.129%
11	6.045	807	809	815	rVB5	5700	6866	1.11%	0.108%
12	6.251	840	844	850	rVB3	5956	7551	1.22%	0.118%
13	6.310	850	854	859	rVV5	9766	14490	2.35%	0.227%
14	6.357	859	862	867	rVV6	9043	12058	1.95%	0.189%
15	6.498	882	886	889	rBV4	6481	6498	1.05%	0.102%
16	6.540	889	893	907	rVV	72193	83918	13.59%	1.317%
17	6.704	916	921	925	rBV3	13824	16651	2.70%	0.261%
18	6.745	925	928	934	rVV4	7545	11679	1.89%	0.183%
19	6.822	935	941	947	rVB7	6142	12429	2.01%	0.195%
20	7.004	967	972	980	rVV	50273	51158	8.28%	0.803%
21	7.128	989	993	1000	rVB8	6873	10636	1.72%	0.167%
22	7.322	1022	1026	1039	rVV	457870	493927	79.99%	7.749%
23	7.445	1039	1047	1051	rVV	115355	104640	16.95%	1.642%
24	7.504	1055	1057	1059	rVV3	7440	7062	1.14%	0.111%
25	7.528	1059	1061	1063	rVV3	7206	6684	1.08%	0.105%
26	7.551	1063	1065	1068	rVV2	7813	8586	1.39%	0.135%
27	7.710	1086	1092	1095	rVB5	6567	7451	1.21%	0.117%
28	7.757	1095	1100	1107	rBV	70542	74246	12.02%	1.165%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.839	1110	1114	1120	rVB6	11307	16174	2.62%	0.254%
30	7.922	1120	1128	1132	rVB5	9172	12968	2.10%	0.203%
31	7.975	1132	1137	1141	rBV6	6815	10366	1.68%	0.163%
32	8.075	1149	1154	1158	rBV3	23154	24602	3.98%	0.386%
33	8.122	1158	1162	1166	rVB5	9053	12661	2.05%	0.199%
34	8.175	1166	1171	1172	rBV3	6208	6413	1.04%	0.101%
35	8.192	1172	1174	1177	rVB	10732	7476	1.21%	0.117%
36	8.357	1196	1202	1208	rBV	25727	25195	4.08%	0.395%
37	8.463	1212	1220	1236	rBV	173430	180751	29.27%	2.836%
38	8.628	1238	1248	1253	rBV	95028	86159	13.95%	1.352%
39	8.686	1253	1258	1261	rBV5	6082	11548	1.87%	0.181%
40	8.881	1285	1291	1296	rBV7	4426	9426	1.53%	0.148%
41	8.928	1296	1299	1301	rVV2	6957	7274	1.18%	0.114%
42	8.975	1301	1307	1310	rVV4	9511	18073	2.93%	0.284%
43	9.022	1310	1315	1320	rVV4	11237	14530	2.35%	0.228%
44	9.081	1320	1325	1334	rVV	568119	553284	89.60%	8.681%
45	9.145	1334	1336	1339	rVV3	13157	12378	2.00%	0.194%
46	9.181	1339	1342	1348	rVB2	7584	10573	1.71%	0.166%
47	9.269	1354	1357	1362	rBV3	16877	21025	3.40%	0.330%
48	9.316	1362	1365	1371	rVB3	8445	10239	1.66%	0.161%
49	9.581	1404	1410	1415	rBV3	4991	7143	1.16%	0.112%
50	9.633	1415	1419	1422	rVB	30583	26055	4.22%	0.409%
51	9.692	1422	1429	1433	rVB5	6235	12064	1.95%	0.189%
52	9.763	1436	1441	1446	rVB4	7216	10637	1.72%	0.167%
53	9.845	1446	1455	1460	rBV	55160	54890	8.89%	0.861%
54	9.980	1476	1478	1487	rVV6	4431	7010	1.14%	0.110%
55	10.086	1489	1496	1503	rVV2	19085	23290	3.77%	0.365%
56	10.157	1503	1508	1513	rVB8	4574	8515	1.38%	0.134%
57	10.286	1523	1530	1535	rBV5	5100	9986	1.62%	0.157%
58	10.386	1543	1547	1553	rVB5	3819	6682	1.08%	0.105%
59	10.498	1562	1566	1579	rBV	527842	566730	91.78%	8.891%
60	10.598	1579	1583	1591	rVB3	10894	18887	3.06%	0.296%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	10.686	1594	1598	1604	rBV5	3042	6334	1.03%	0.099%
62	10.863	1623	1628	1634	rBV5	7311	12168	1.97%	0.191%
63	10.986	1643	1649	1653	rBV7	3389	7976	1.29%	0.125%
64	11.039	1653	1658	1662	rVB5	5631	11086	1.80%	0.174%
65	11.116	1667	1671	1675	rVB	16545	16528	2.68%	0.259%
66	11.157	1675	1678	1688	rBV	43286	51287	8.31%	0.805%
67	11.333	1706	1708	1712	rVB4	6263	7293	1.18%	0.114%
68	11.416	1719	1722	1732	rBV6	28485	32561	5.27%	0.511%
69	11.598	1744	1753	1756	rBV6	5299	12596	2.04%	0.198%
70	11.657	1757	1763	1773	rVV	390307	408867	66.21%	6.415%
71	11.727	1773	1775	1782	rVB4	10169	10302	1.67%	0.162%
72	11.869	1795	1799	1804	rVB3	11795	14296	2.32%	0.224%
73	11.922	1804	1808	1817	rBV2	50677	56907	9.22%	0.893%
74	12.074	1828	1834	1840	rBV	185560	190003	30.77%	2.981%
75	12.122	1840	1842	1848	rVV	37860	34368	5.57%	0.539%
76	12.174	1848	1851	1855	rVB6	5567	7258	1.18%	0.114%
77	12.322	1868	1876	1879	rBV	13608	17244	2.79%	0.271%
78	12.369	1880	1884	1887	rVV4	11458	13986	2.26%	0.219%
79	12.410	1887	1891	1902	rVB4	15403	36892	5.97%	0.579%
80	12.551	1910	1915	1917	rBV4	6627	10019	1.62%	0.157%
81	12.721	1939	1944	1950	rVV	198819	189353	30.66%	2.971%
82	12.810	1954	1959	1965	rVB2	16395	18849	3.05%	0.296%
83	13.010	1990	1993	1996	rVV4	5513	7436	1.20%	0.117%
84	13.063	1996	2002	2021	rVV	464863	617512	100.00%	9.688%
85	13.216	2025	2028	2032	rBV2	9659	10274	1.66%	0.161%
86	13.257	2032	2035	2040	rVB2	12396	14361	2.33%	0.225%
87	13.327	2040	2047	2057	rBV6	12143	34223	5.54%	0.537%
88	13.486	2072	2074	2081	rVB5	7553	11259	1.82%	0.177%
89	13.710	2107	2112	2117	rVV5	11015	13971	2.26%	0.219%
90	13.921	2144	2148	2155	rVV2	60265	77833	12.60%	1.221%
91	13.992	2156	2160	2165	rVB7	7399	13780	2.23%	0.216%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

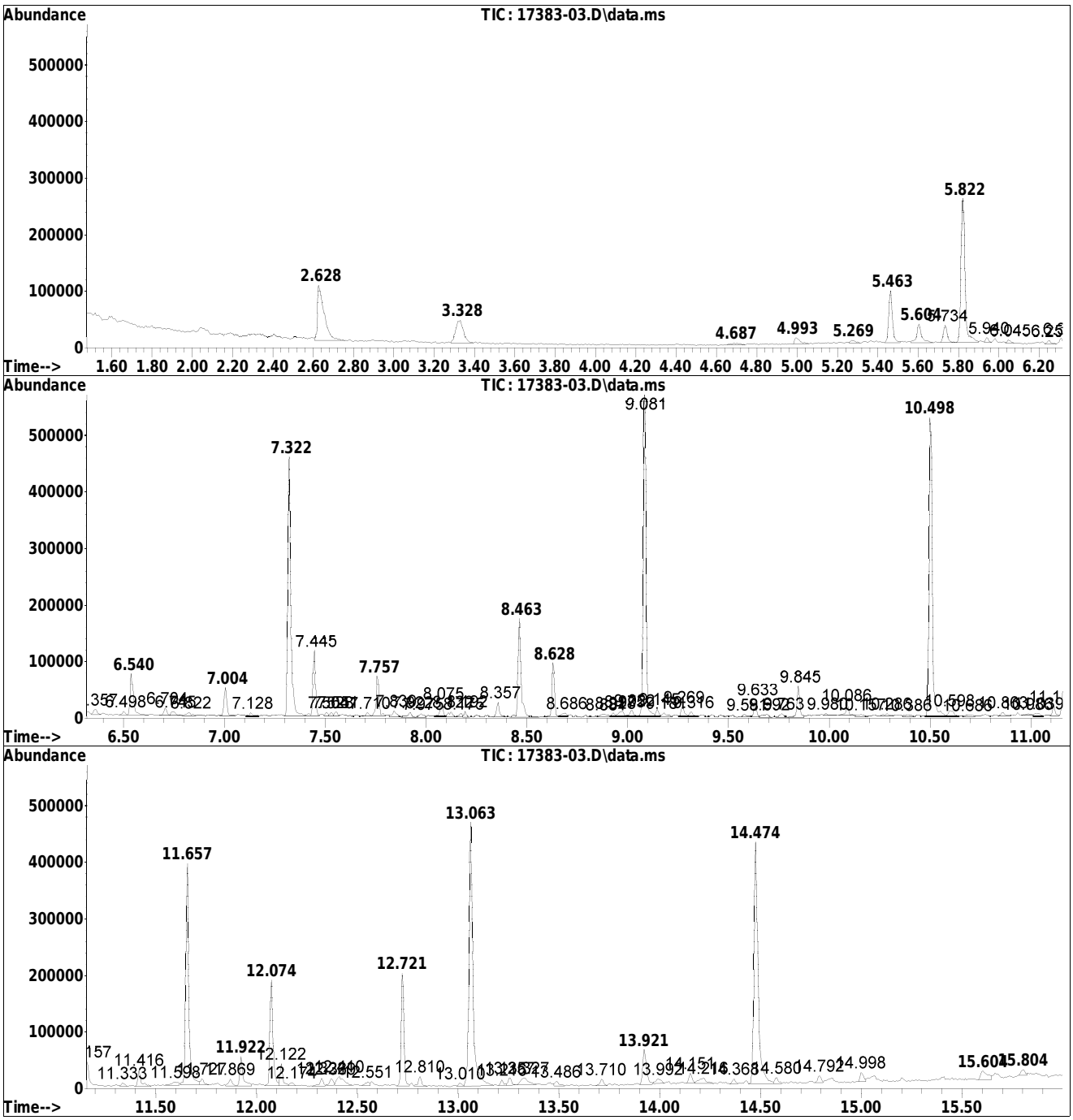
92	14.151	2184	2187	2191	rBV3	17265	19293	3.12%	0.303%
93	14.216	2191	2198	2207	rVB9	9254	23569	3.82%	0.370%
94	14.368	2220	2224	2227	rBV4	8948	9240	1.50%	0.145%
95	14.474	2236	2242	2257	rBV	425719	595190	96.39%	9.338%
96	14.580	2257	2260	2264	rVB4	10176	12797	2.07%	0.201%
97	14.792	2292	2296	2299	rBV5	11679	14442	2.34%	0.227%
98	14.998	2327	2331	2335	rBV5	15983	19871	3.22%	0.312%
99	15.604	2429	2434	2441	rBV9	14943	37456	6.07%	0.588%
100	15.804	2464	2468	2471	rBV6	9679	14087	2.28%	0.221%

Sum of corrected areas: 6373866

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



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Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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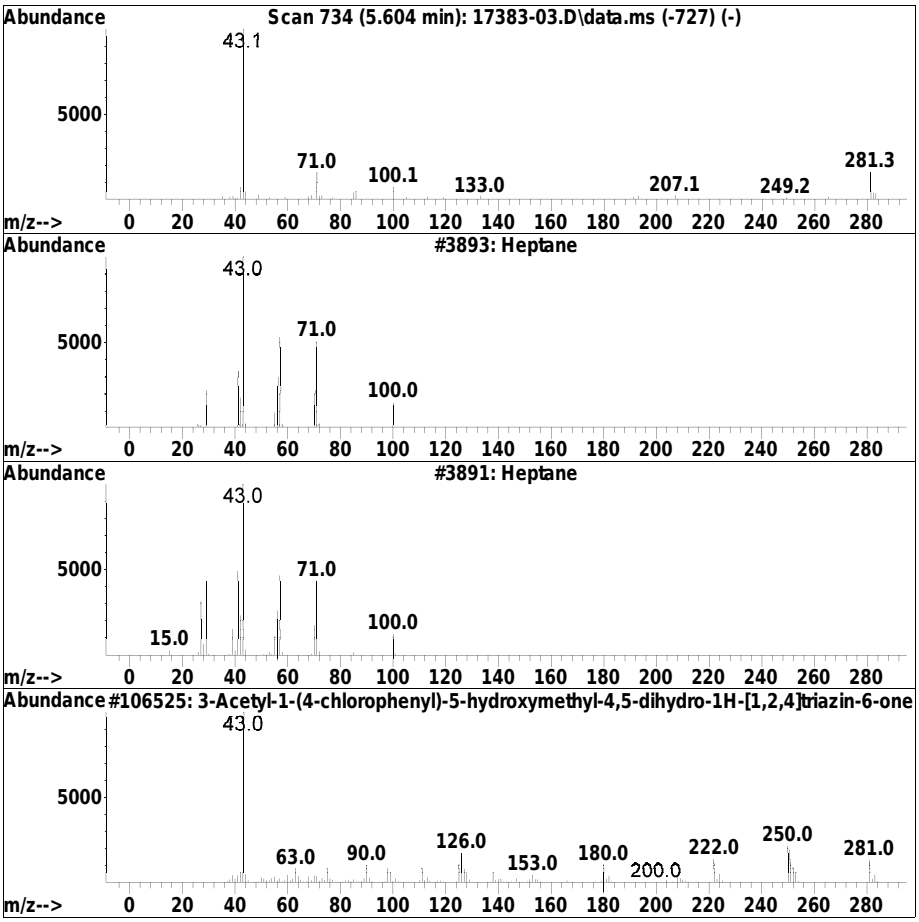
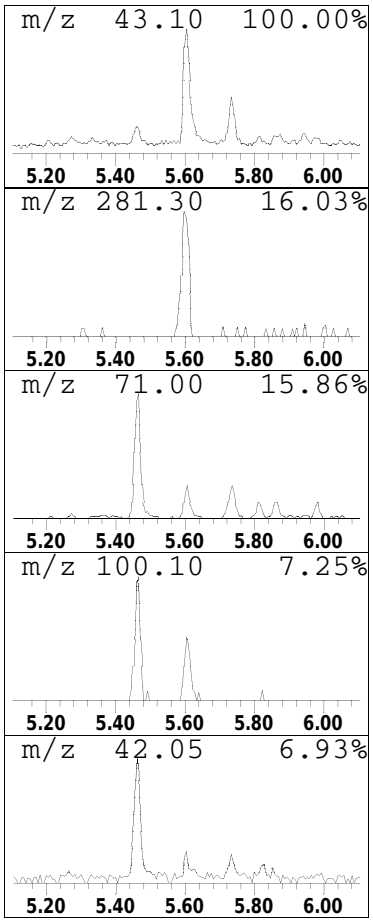
Peak Number 2 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.604	0.64 ug/ml	54669	IS2_1,4-Dichlorobenzene-d4	5.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	7
2	Heptane	100	C7H16	000142-82-5	7
3	3-Acetyl-1-(4-chlorophenyl)-5-hy...	281	C12H12ClN3O3	139455-88-2	5
4	Heptane	100	C7H16	000142-82-5	5
5	3-Hexanone	100	C6H12O	000589-38-8	5





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

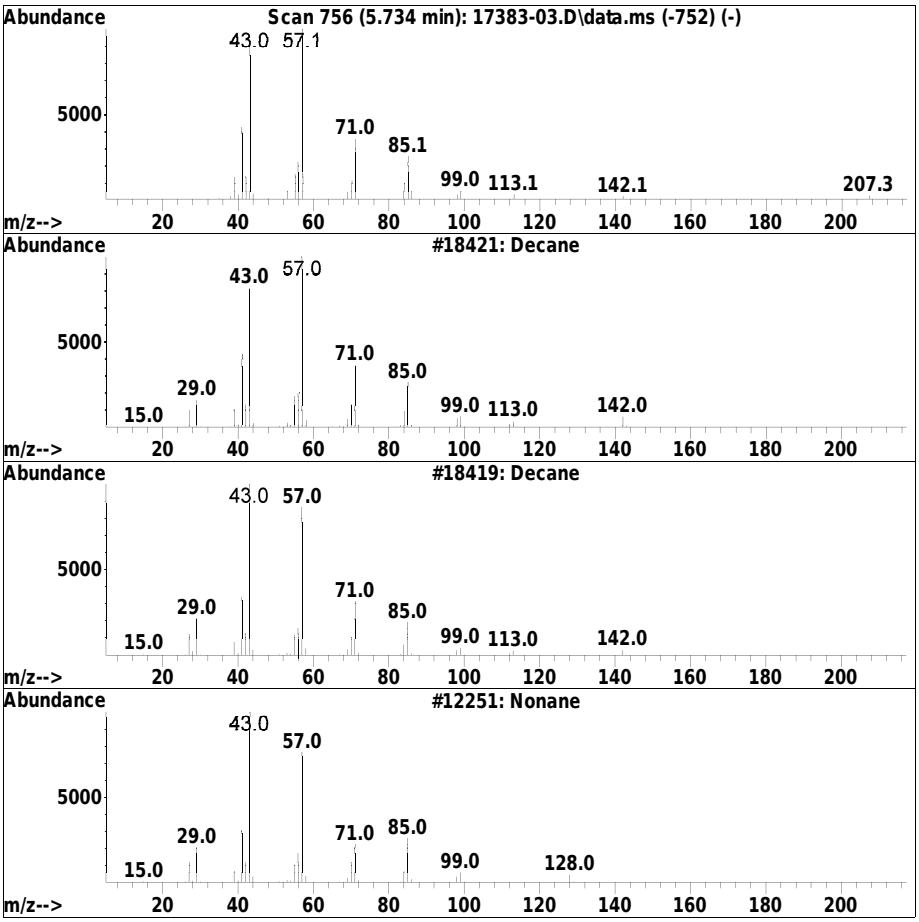
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

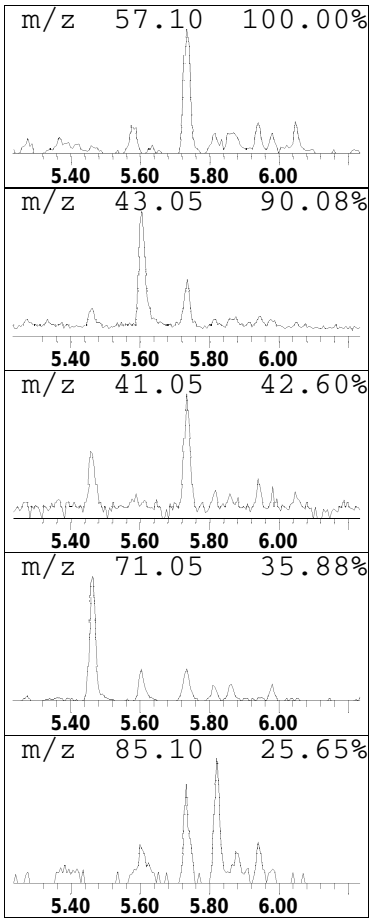
****

Peak Number 3 Unknown Alkane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.734	0.46 ug/ml	39477	IS2_1,4-Dichlorobenzene-d4	5.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Decane	142	C10H22	000124-18-5	83
3	Nonane	128	C9H20	000111-84-2	83
4	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	72
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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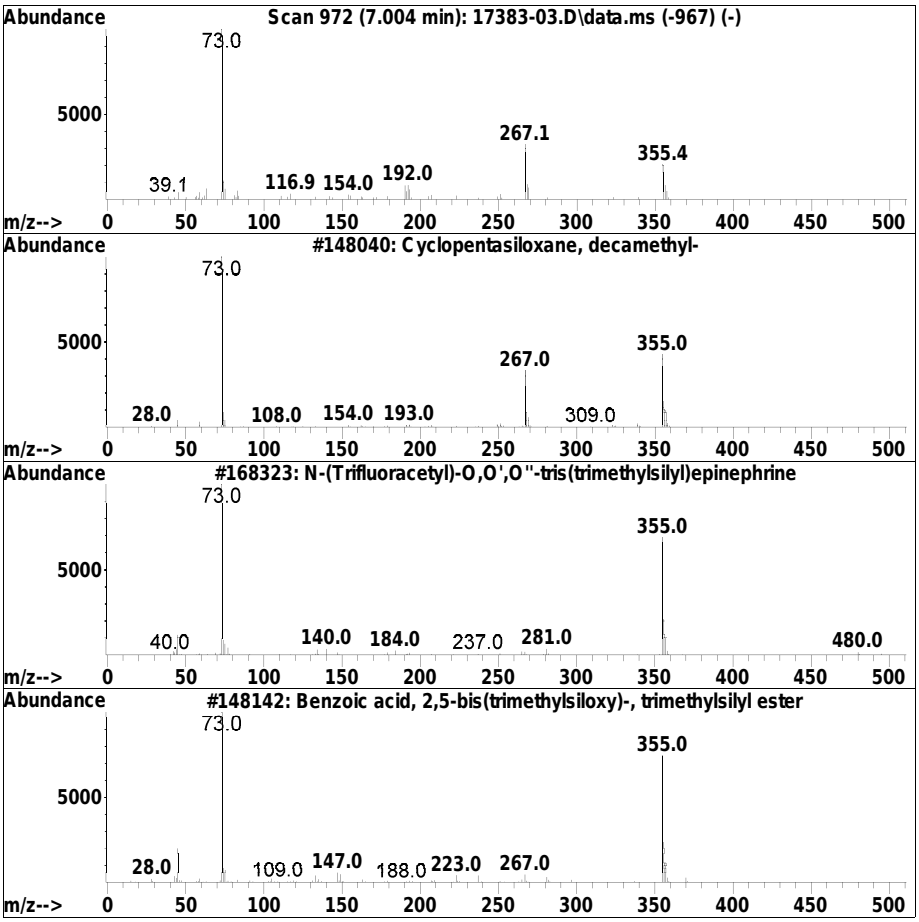
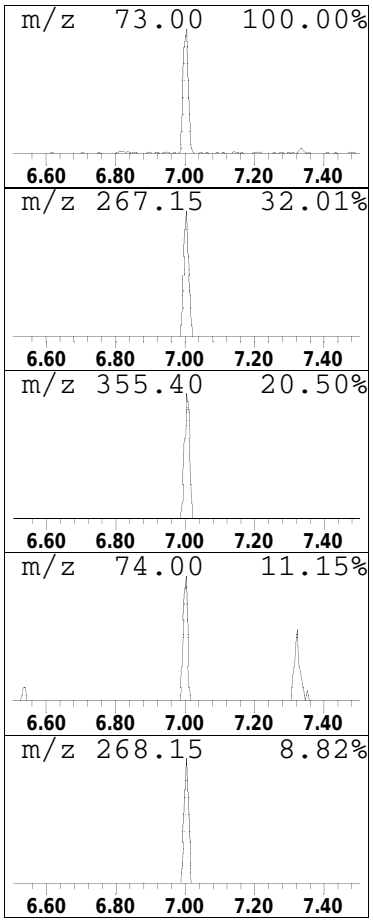
Peak Number 4 Unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.004	0.41 ug/ml	51158	IS1_Naphthalene-d8	7.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2	N-(Trifluoracetyl)-O,O',O''-tris...	495	C20H36F3NO4Si3	054135-51-2	38
3	Benzoic acid, 2,5-bis(trimethyls...	370	C16H30O4Si3	003618-20-0	37
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	32
5	Benzoic acid, 2,6-bis[(trimethyl...	370	C16H30O4Si3	003782-85-2	32





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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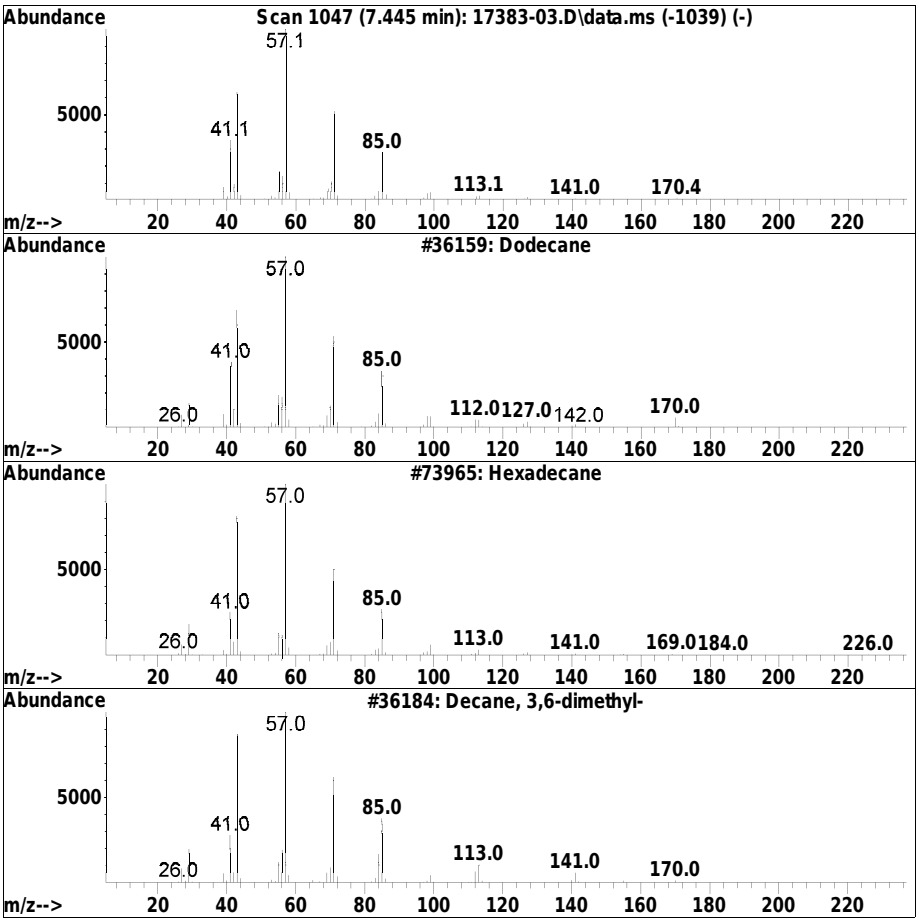
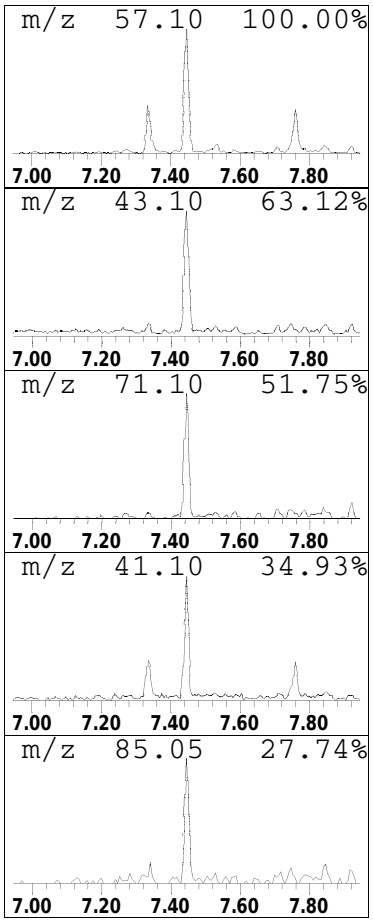
Peak Number 5 Unknown Alkane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.445	0.85 ug/ml	104640	IS2_Naphthalene-d8	7.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

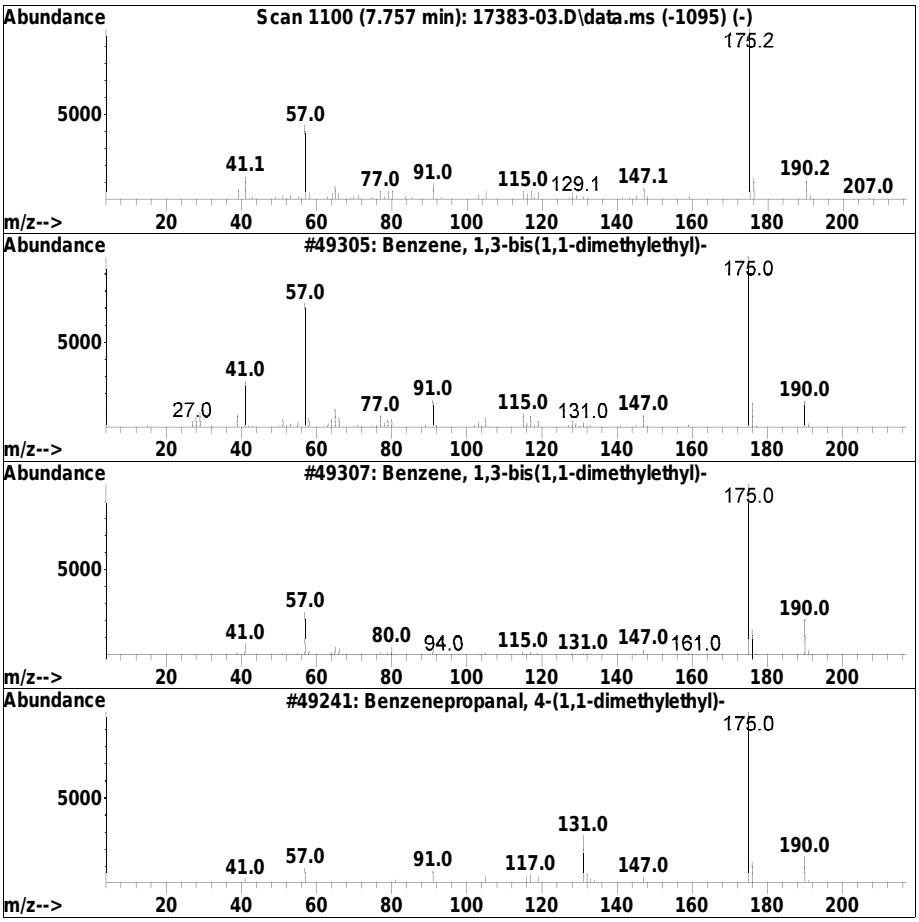
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

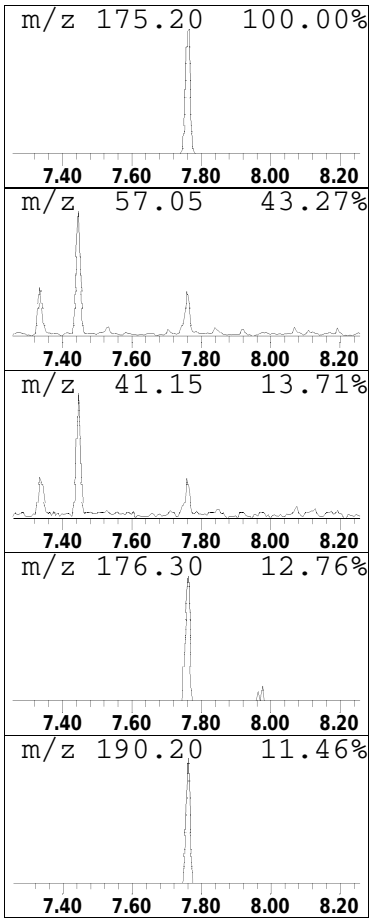
****

Peak Number 6 Unknown Benzene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.757	0.60 ug/ml	74246	IS2_Naphthalene-d8	7.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	95
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
3	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80
4	1H-Indole-2,3-dione, 1-methyl-, ...	175	C9H9N3O	003265-23-4	64
5	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	64





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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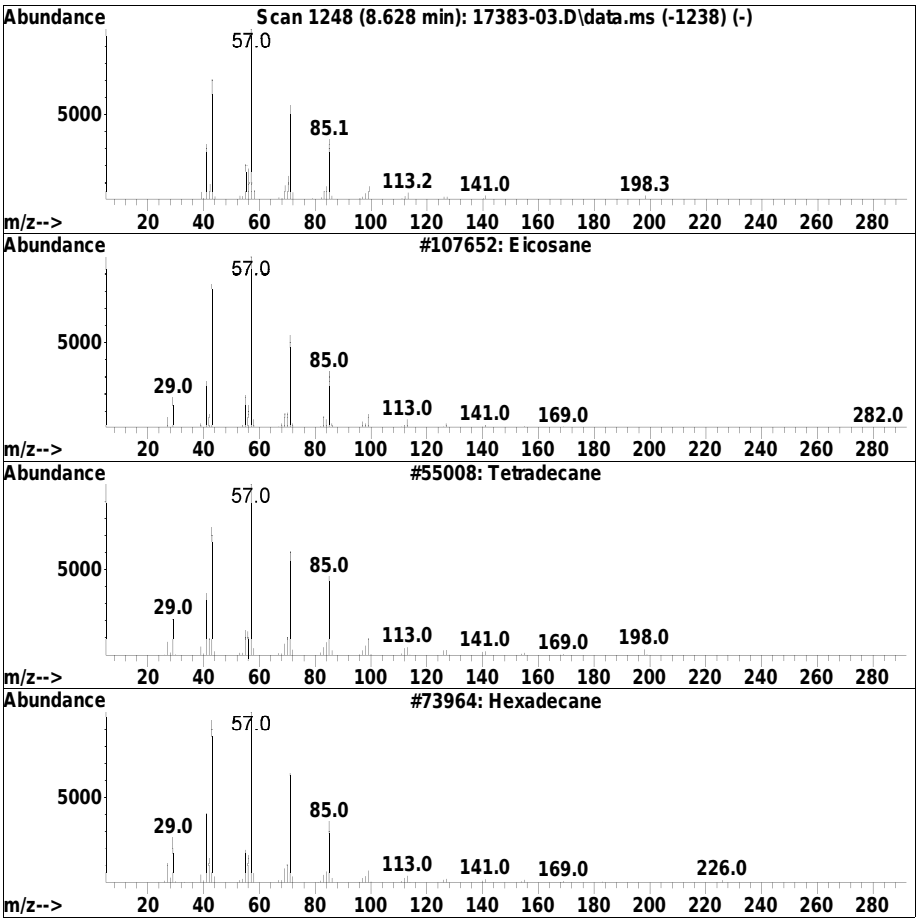
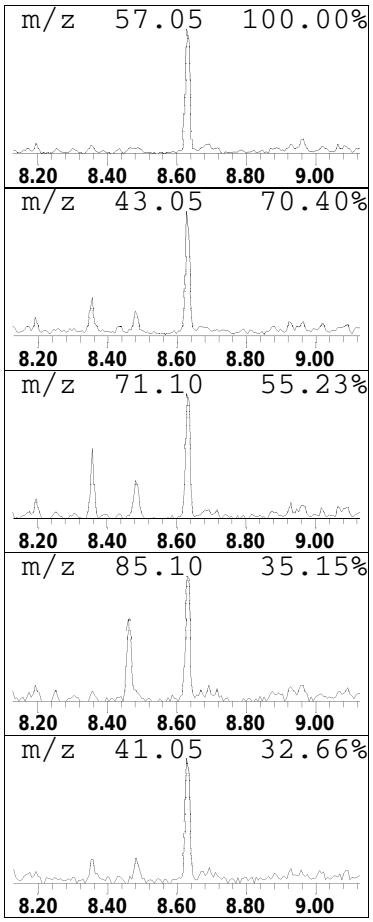
Peak Number 7 Unknown Alkane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.628	0.62 ug/ml	86159	IS1_Acenaphthene-d10	9.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tetradecane	198	C14H30	000629-59-4	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetratetracontane	619	C44H90	007098-22-8	83





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

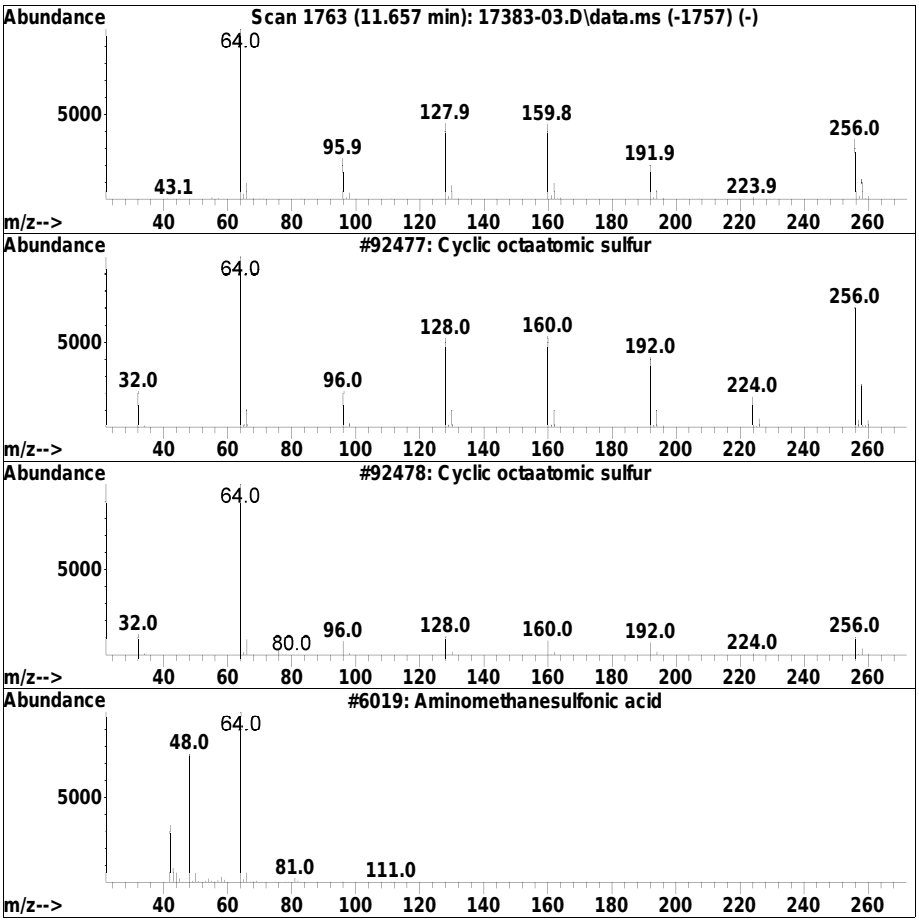
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

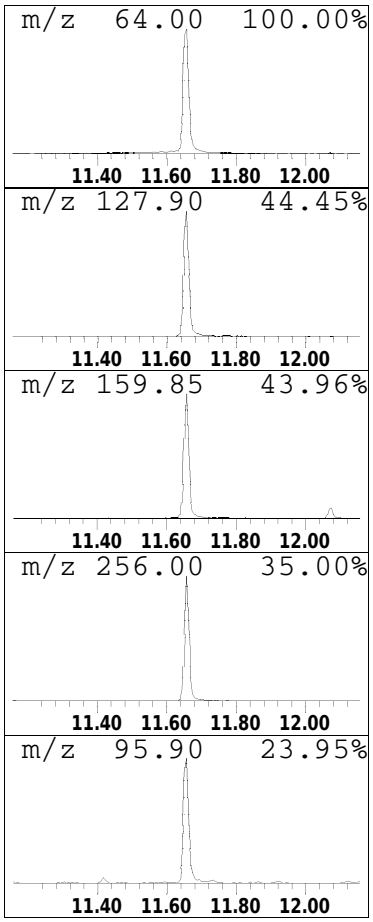
****

Peak Number 8 Cyclic octaatomic sulfur Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	2.89 ug/ml	408867	IS3_Phenanthrene-d10	10.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	94
2	Cyclic octaatomic sulfur	256	S8	010544-50-0	91
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	Dihydropyrimidine-2-methyl thios...	208	C5H8N2O3S2	1000256-28-8	9
5	7-Amino-7H-S-triazolo[5,1-c]-S-t...	156	C3H4N6S	013728-28-4	9





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

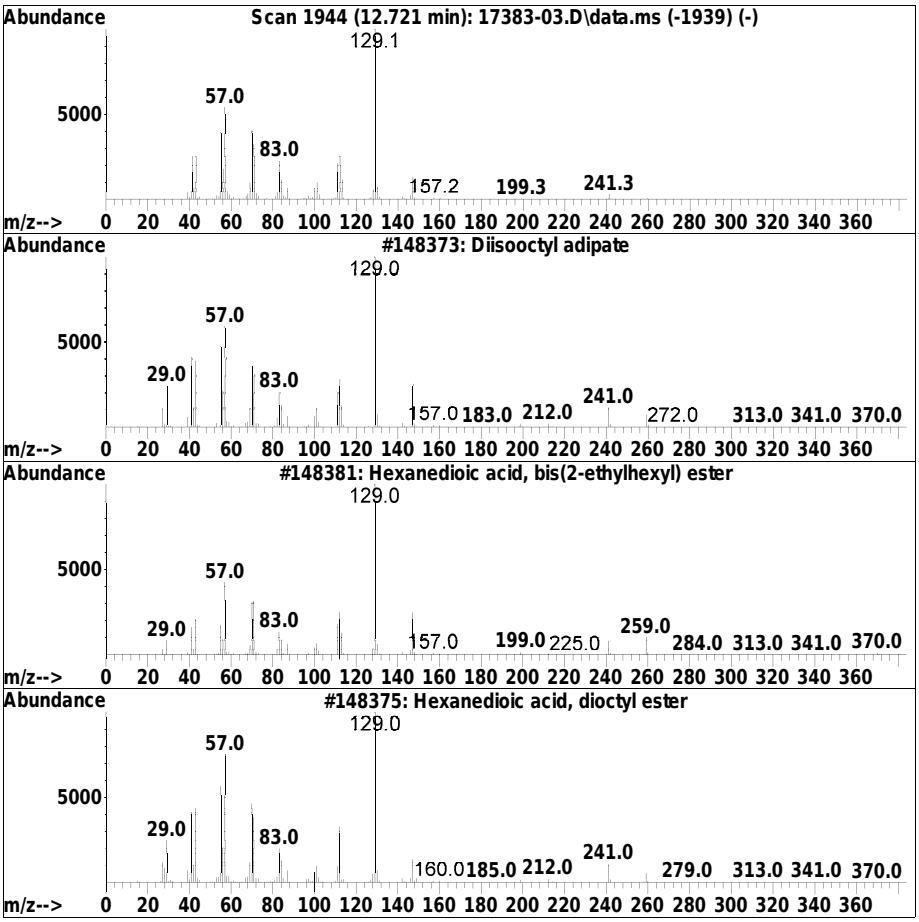
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

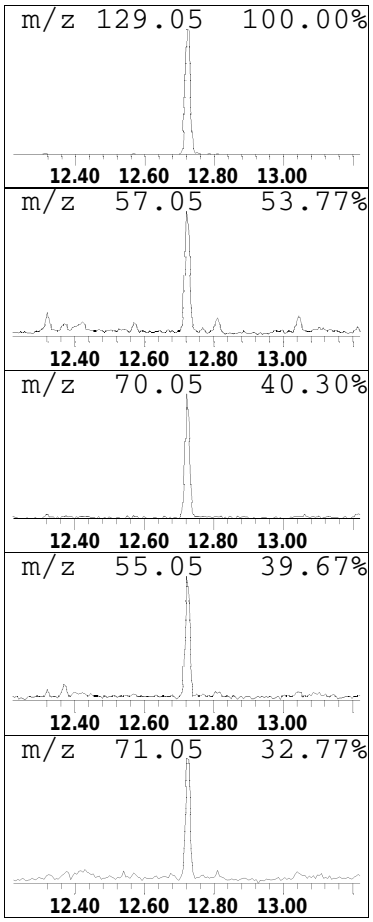
****

Peak Number 9 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	1.23 ug/ml	189353	IS1_Chrysene-d12	13.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	83
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	50





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

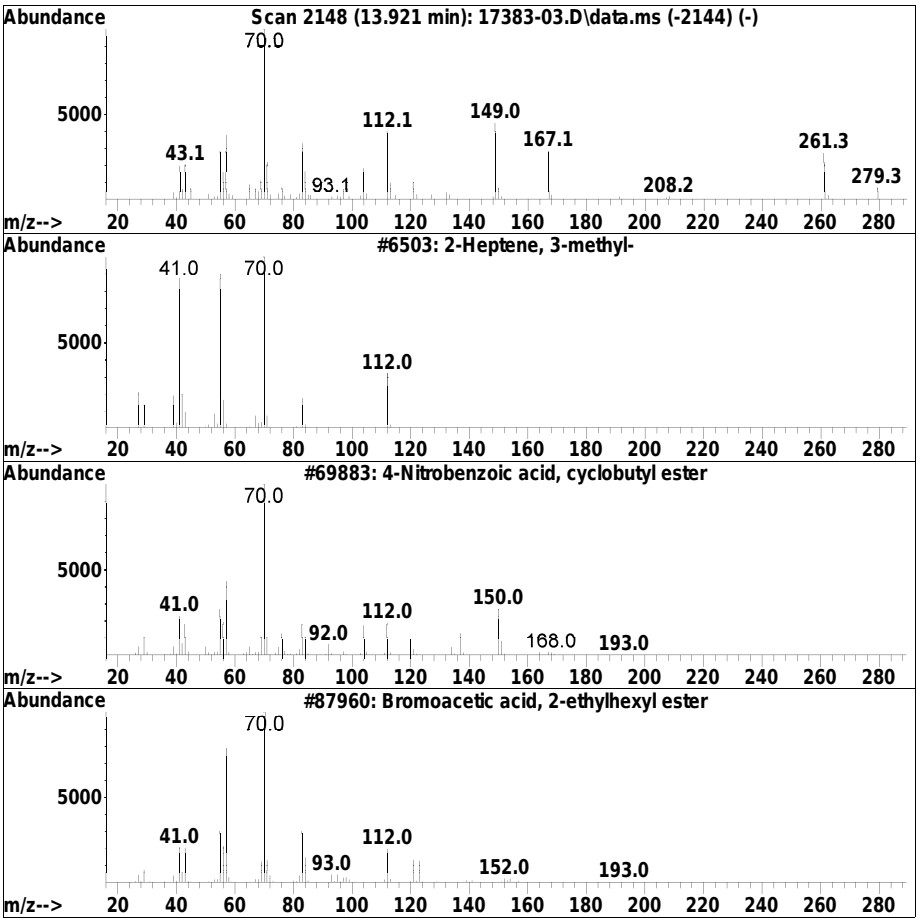
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

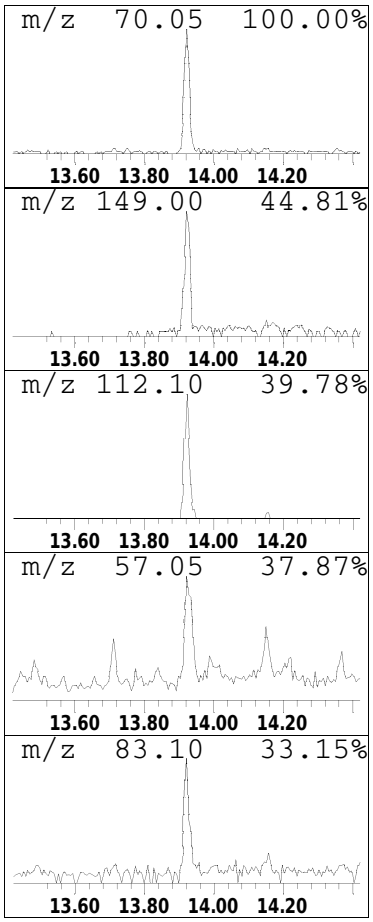
****

Peak Number 10 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.921	0.52 ug/ml	77833	IS1_Perylene-d12	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	38
2	4-Nitrobenzoic acid, cyclobutyl ...	221	C11H11NO4	070335-00-1	35
3	Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	35
4	1-(2-Hydroxymethylpyrrolidin-1-y...	143	C7H13NO2	1000192-83-2	32
5	6-Methyl-cyclohex-2-en-1-ol	112	C7H12O	1000144-17-3	25





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	5.604	0.6	ug/ml	54669	1	5.822	343553	4.0
Unknown Alkane	5.734	0.5	ug/ml	39477	1	5.822	343553	4.0
Unknown	7.004	0.4	ug/ml	51158	4	7.322	493927	4.0
Unknown Alkane	7.445	0.8	ug/ml	104640	5	7.322	493927	4.0
Unknown Benzene	7.757	0.6	ug/ml	74246	5	7.322	493927	4.0
Unknown Alkane	8.628	0.6	ug/ml	86159	6	9.081	553284	4.0
Cyclic octaatom...	11.657	2.9	ug/ml	408867	11	10.498	566730	4.0
Unknown	12.722	1.2	ug/ml	189353	12	13.063	617512	4.0
Unknown	13.921	0.5	ug/ml	77833	13	14.474	595190	4.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 01 10:29:04 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:46:24 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	5.816	150	75521M6	4.000	ug/ml	0.00
Standard Area 1 = 109810			Recovery = 68.77%			
27) IS2_1,4-Dichlorobenzen...	5.816	150	75521M6	4.000	ug/ml	0.00
Standard Area 3 = 101847			Recovery = 74.15%			
34) IS1_Naphthalene-d8	7.322	136	195743	4.000	ug/ml	# 0.00
Standard Area 1 = 286000			Recovery = 68.44%			
54) IS2_Naphthalene-d8	7.322	136	195743	4.000	ug/ml	# 0.00
Standard Area 3 = 268233			Recovery = 72.97%			
62) IS1_Acenaphthene-d10	9.086	164	101815	4.000	ug/ml	0.00
Standard Area 1 = 151476			Recovery = 67.22%			
85) IS3_Acenaphthene-d10	9.086	164	101815	4.000	ug/ml	0.00
Standard Area 2 = 152968			Recovery = 66.56%			
87) IS1_Phenanthrene-d10	10.498	188	191858	4.000	ug/ml	# 0.00
Standard Area 1 = 292447			Recovery = 65.60%			
103) IS1_Chrysene-d12	13.063	240	157593	4.000	ug/ml	# 0.00
Standard Area 1 = 254844			Recovery = 61.84%			
112) IS1_Perylene-d12	14.474	264	161241	4.000	ug/ml	0.00
Standard Area 1 = 271388			Recovery = 59.41%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.304	112	38872	2.583	ug/ml	-0.01
Spiked Amount 5.000	Range 15 - 110		Recovery = 51.66%			
7) Phenol-d6	5.457	99	41625	2.111	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 42.22%			
19) Nitrobenzene-d5	6.539	82	28698	1.084	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 43.36%			
45) 2-Fluorobiphenyl	8.463	172	55453	1.073	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 42.92%			
78) 2,4,6-Tribromophenol	9.845	330	8323	2.591	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 51.82%			
95) 4-Terphenyl-d14	12.074	244	59619	1.259	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 50.36%			
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 01 10:29:04 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:46:24 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		d
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.		
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.		d
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 01 10:29:04 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:46:24 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
106)	Chrysene	0.000		0	N.D.		
107)	Bis(2-ethylhexyl)phtha...	0.000		0	N.D.		
108)	Di-n-octylphthalate	0.000		0	N.D.	d	
115)	Benzo(ghi)perylene	0.000		0	N.D.		

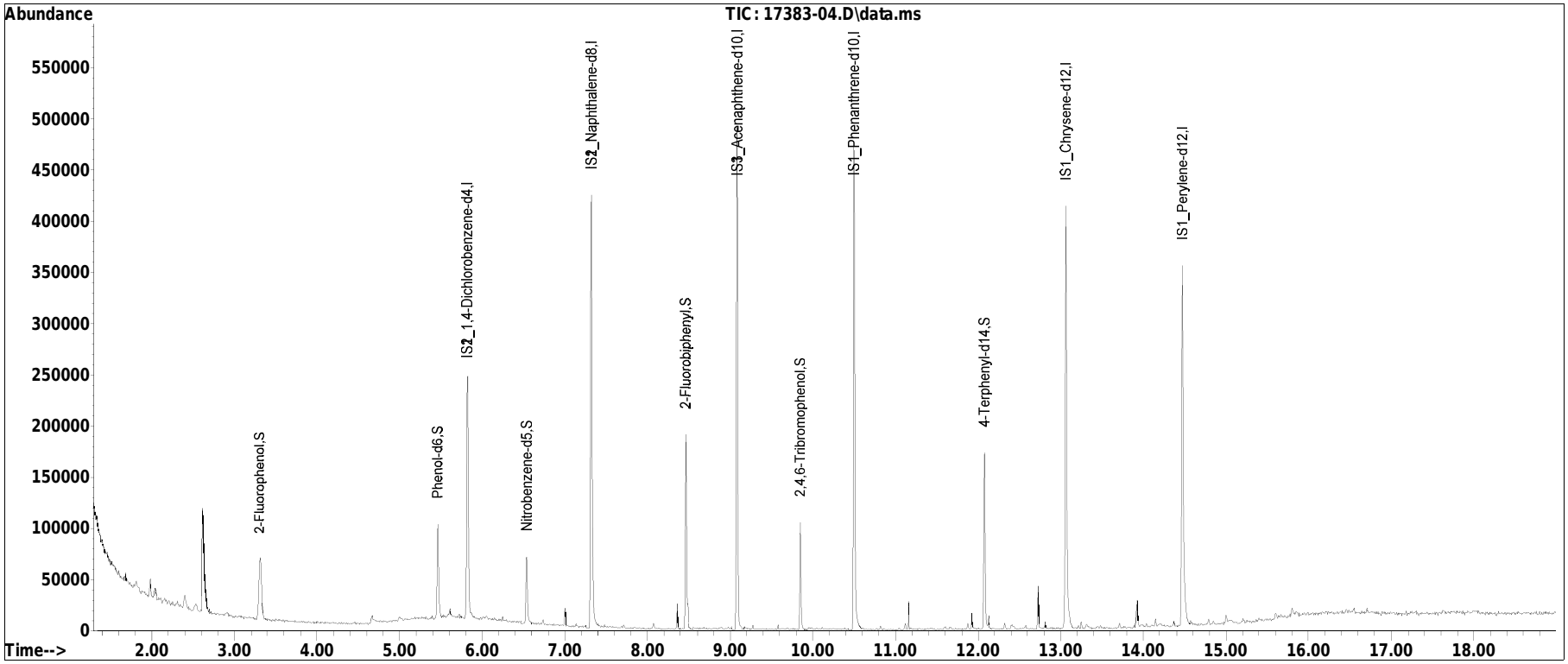
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 01 10:29:04 2020
Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:46:24 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional0429n.D•



LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 17383-04.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.981	114	118	124	rVV3	17116	26092	5.28%	0.605%
2	2.034	125	127	133	rVB6	11083	16486	3.34%	0.382%
3	2.399	185	189	202	rVB6	15027	33966	6.88%	0.787%
4	2.610	222	225	241	rVB	102122	197351	39.95%	4.573%
5	3.310	336	344	353	rBV2	60588	135270	27.38%	3.134%
6	4.669	566	575	587	rBV5	9075	30449	6.16%	0.706%
7	4.998	628	631	639	rBV7	4026	10344	2.09%	0.240%
8	5.457	704	709	717	rBV	91400	109704	22.21%	2.542%
9	5.610	732	735	747	rVB2	7997	13885	2.81%	0.322%
10	5.822	765	771	782	rBV	237356	303645	61.46%	7.036%
11	6.245	841	843	847	rBV4	4594	5847	1.18%	0.135%
12	6.539	889	893	902	rVB	65677	80423	16.28%	1.864%
13	6.739	923	927	930	rVB5	4762	4891	0.99%	0.113%
14	7.004	969	972	976	rVB	16618	16252	3.29%	0.377%
15	7.134	992	994	1001	rVB4	3553	6350	1.29%	0.147%
16	7.181	1001	1002	1006	rBV2	1339	1784	0.36%	0.041%
17	7.234	1009	1011	1014	rVV2	1755	1919	0.39%	0.044%
18	7.257	1014	1015	1018	rVV2	2566	1664	0.34%	0.039%
19	7.322	1020	1026	1045	rVV	423210	471289	95.40%	10.921%
20	7.445	1046	1047	1051	rVV3	1712	1685	0.34%	0.039%
21	7.481	1051	1053	1058	rVV4	2832	2915	0.59%	0.068%
22	7.557	1061	1066	1069	rBV5	1156	1948	0.39%	0.045%
23	7.686	1085	1088	1090	rBV3	1940	1611	0.33%	0.037%
24	7.710	1090	1092	1098	rVB4	3322	3467	0.70%	0.080%
25	7.851	1112	1116	1121	rVV6	1147	2247	0.45%	0.052%
26	7.904	1121	1125	1128	rVB4	1582	2394	0.48%	0.055%
27	8.075	1148	1154	1159	rBV2	5677	8159	1.65%	0.189%
28	8.186	1170	1173	1177	rBV3	802	1595	0.32%	0.037%

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	8.357	1197	1202	1206	rBV	24860	23204	4.70%	0.538%
30	8.463	1216	1220	1233	rBV	189765	178997	36.23%	4.148%
31	8.680	1254	1257	1262	rVB2	1883	2302	0.47%	0.053%
32	8.892	1286	1293	1297	rBV5	1917	4285	0.87%	0.099%
33	8.975	1304	1307	1310	rVB2	1650	1464	0.30%	0.034%
34	9.022	1310	1315	1318	rVB5	1997	2424	0.49%	0.056%
35	9.086	1321	1326	1337	rBV	492725	470206	95.18%	10.896%
36	9.169	1337	1340	1347	rVB4	2987	4414	0.89%	0.102%
37	9.269	1353	1357	1362	rBV2	4147	4452	0.90%	0.103%
38	9.580	1407	1410	1414	rBV2	4695	4769	0.97%	0.111%
39	9.698	1425	1430	1433	rVB3	1378	2383	0.48%	0.055%
40	9.763	1439	1441	1447	rVV2	1117	1948	0.39%	0.045%
41	9.845	1451	1455	1463	rBV	105007	95160	19.26%	2.205%
42	9.957	1469	1474	1477	rBV3	1611	2463	0.50%	0.057%
43	9.992	1477	1480	1483	rVV3	1547	1788	0.36%	0.041%
44	10.051	1483	1490	1493	rVB3	1240	1621	0.33%	0.038%
45	10.245	1519	1523	1528	rVB4	872	1421	0.29%	0.033%
46	10.380	1543	1546	1551	rVB3	1603	2254	0.46%	0.052%
47	10.439	1551	1556	1558	rBV2	1154	1574	0.32%	0.036%
48	10.498	1562	1566	1585	rBV	472076	494033	100.00%	11.448%
49	10.774	1610	1613	1615	rBV	1518	1438	0.29%	0.033%
50	10.822	1617	1621	1625	rVB4	4171	4515	0.91%	0.105%
51	10.857	1625	1627	1634	rBV4	1654	2764	0.56%	0.064%
52	11.039	1652	1658	1663	rBV4	2276	3781	0.77%	0.088%
53	11.116	1663	1671	1674	rBV3	6485	7967	1.61%	0.185%
54	11.157	1674	1678	1682	rVB	27652	23636	4.78%	0.548%
55	11.227	1687	1690	1694	rVV3	929	1615	0.33%	0.037%
56	11.286	1697	1700	1705	rVB4	1137	1760	0.36%	0.041%
57	11.604	1747	1754	1760	rBV5	2659	5050	1.02%	0.117%
58	11.651	1760	1762	1772	rVB6	2398	4095	0.83%	0.095%
59	11.869	1795	1799	1803	rVB2	5886	6161	1.25%	0.143%
60	11.921	1803	1808	1817	rVB5	15895	17446	3.53%	0.404%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	12.010	1817	1823	1826	rBV2	1546	2478	0.50%	0.057%
62	12.074	1826	1834	1840	rVV	172842	172441	34.90%	3.996%
63	12.121	1840	1842	1848	rVV2	13977	13393	2.71%	0.310%
64	12.174	1849	1851	1858	rVB4	1336	2355	0.48%	0.055%
65	12.321	1873	1876	1880	rVB4	6131	6205	1.26%	0.144%
66	12.410	1885	1891	1898	rVV6	4261	9682	1.96%	0.224%
67	12.574	1914	1919	1926	rVB6	3750	5651	1.14%	0.131%
68	12.721	1939	1944	1954	rVB	42000	46073	9.33%	1.068%
69	12.810	1954	1959	1968	rVV4	6817	8275	1.67%	0.192%
70	12.898	1968	1974	1975	rVB4	1554	2393	0.48%	0.055%
71	12.915	1975	1977	1980	rBV2	1374	1439	0.29%	0.033%
72	13.063	1995	2002	2019	rVV	413418	492180	99.62%	11.405%
73	13.180	2019	2022	2024	rVV3	1660	2192	0.44%	0.051%
74	13.215	2024	2028	2031	rVV2	3730	4131	0.84%	0.096%
75	13.257	2031	2035	2041	rVV3	7164	9067	1.84%	0.210%
76	13.321	2041	2046	2056	rVB6	4880	11979	2.42%	0.278%
77	13.457	2064	2069	2071	rBV5	2322	4129	0.84%	0.096%
78	13.486	2071	2074	2080	rVB5	2851	3617	0.73%	0.084%
79	13.563	2085	2087	2091	rVB5	1393	1851	0.37%	0.043%
80	13.715	2107	2113	2116	rBV4	5593	7033	1.42%	0.163%
81	13.886	2138	2142	2144	rBV2	3084	2792	0.57%	0.065%
82	13.921	2144	2148	2154	rVV2	27159	35218	7.13%	0.816%
83	13.992	2155	2160	2165	rVV5	2718	5819	1.18%	0.135%
84	14.039	2165	2168	2171	rVB4	3178	2840	0.57%	0.066%
85	14.104	2176	2179	2183	rBV4	2059	3418	0.69%	0.079%
86	14.151	2184	2187	2191	rVV5	7230	9767	1.98%	0.226%
87	14.210	2192	2197	2207	rVB8	2653	7542	1.53%	0.175%
88	14.368	2219	2224	2229	rVV8	5730	6862	1.39%	0.159%
89	14.433	2233	2235	2236	rBV	1920	1479	0.30%	0.034%
90	14.474	2236	2242	2257	rVV	351675	491082	99.40%	11.379%
91	14.574	2257	2259	2264	rVB5	3557	3944	0.80%	0.091%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

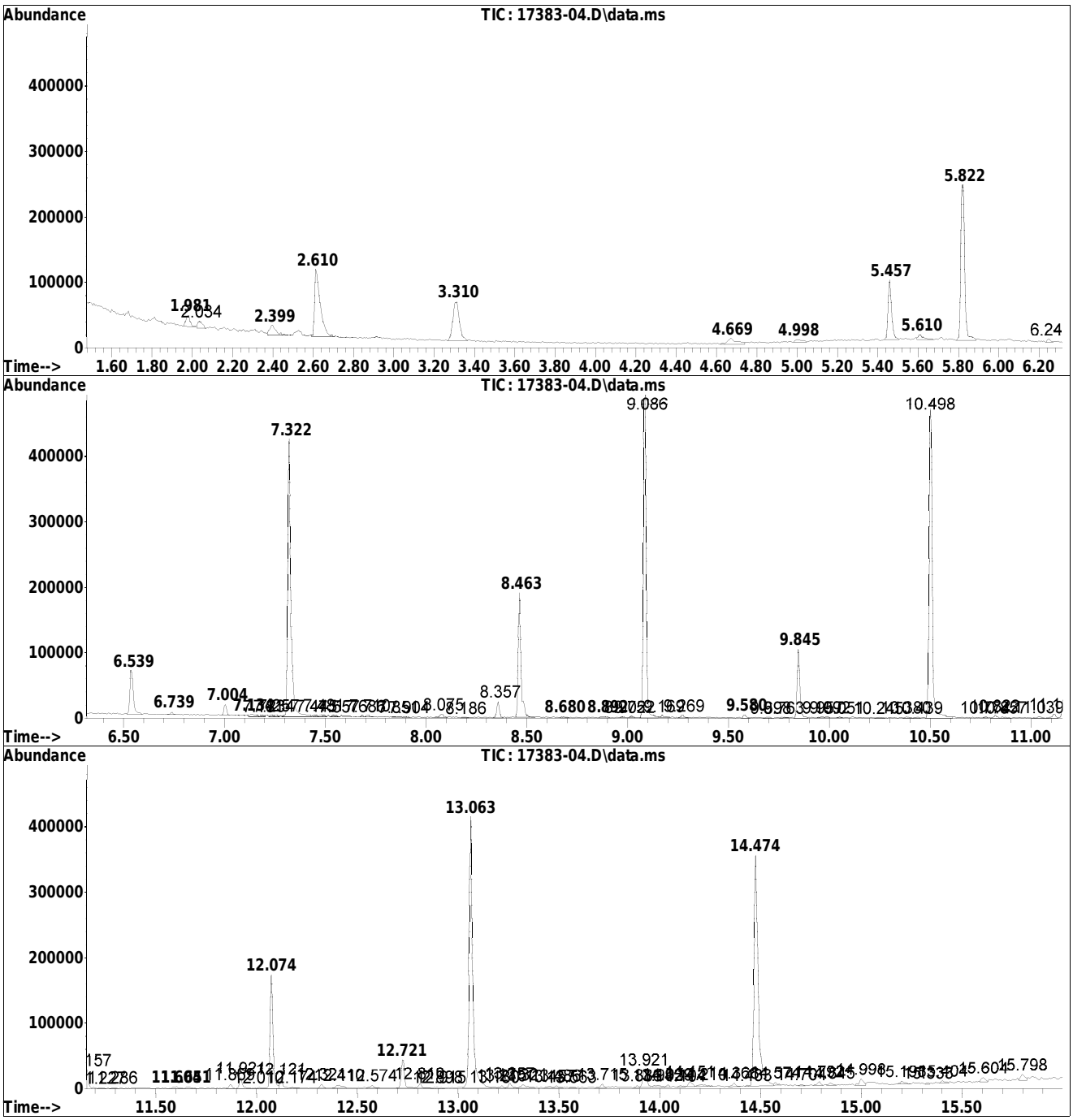
92	14.704	2278	2281	2284	rVB3	1830	2151	0.44%	0.050%
93	14.792	2291	2296	2299	rVB5	5586	6543	1.32%	0.152%
94	14.845	2302	2305	2310	rVB6	3363	4115	0.83%	0.095%
95	14.998	2326	2331	2335	rBV5	9414	14470	2.93%	0.335%
96	15.198	2362	2365	2373	rVB5	4186	6307	1.28%	0.146%
97	15.333	2385	2388	2389	rBV3	2055	2238	0.45%	0.052%
98	15.404	2397	2400	2405	rBV7	3469	5767	1.17%	0.134%
99	15.604	2431	2434	2438	rBV5	5916	8776	1.78%	0.203%
100	15.798	2464	2467	2471	rBV5	8672	12880	2.61%	0.298%

Sum of corrected areas: 4315596

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

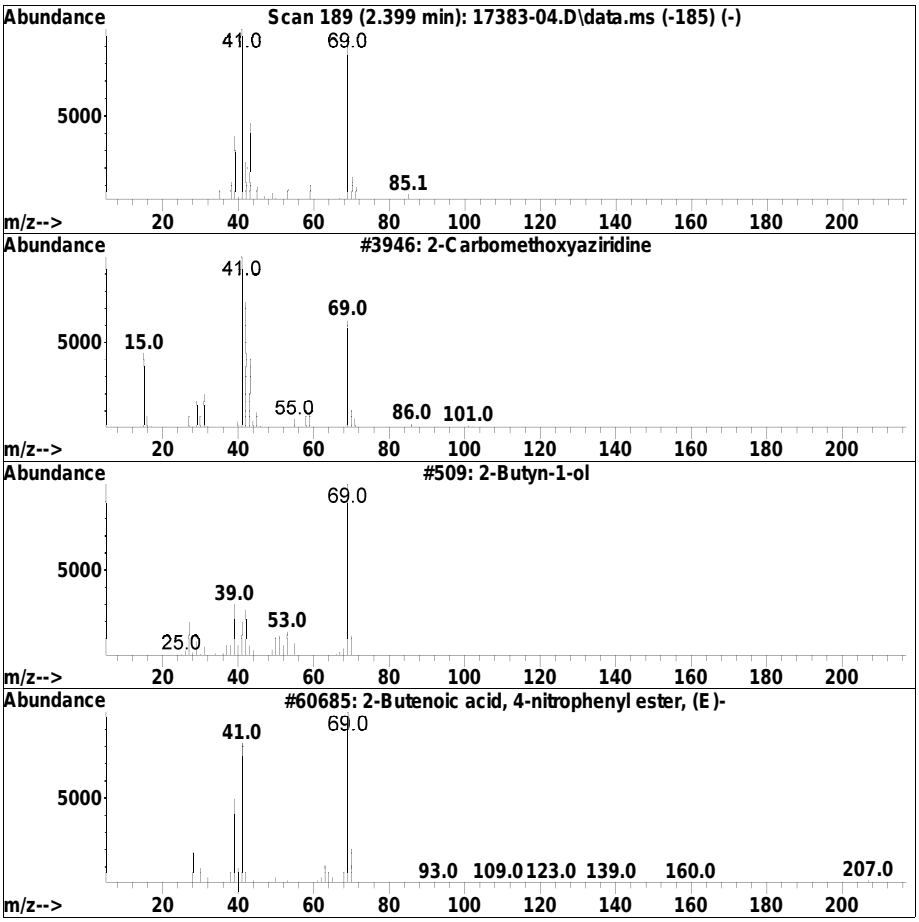
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

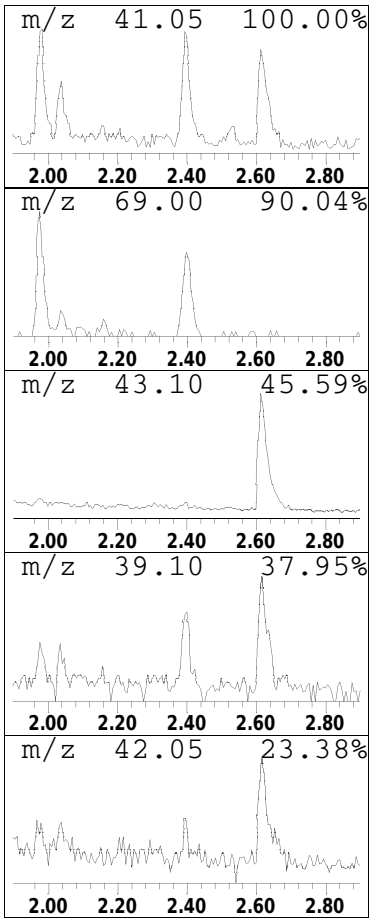
****

Peak Number 1 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.399	0.45 ug/ml	33966	IS2_1,4-Dichlorobenzene-d4	5.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Carbomethoxyaziridine	101	C4H7NO2	005950-34-5	38
2	2-Butyn-1-ol	70	C4H6O	000764-01-2	33
3	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	9
4	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	9
5	Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	9





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

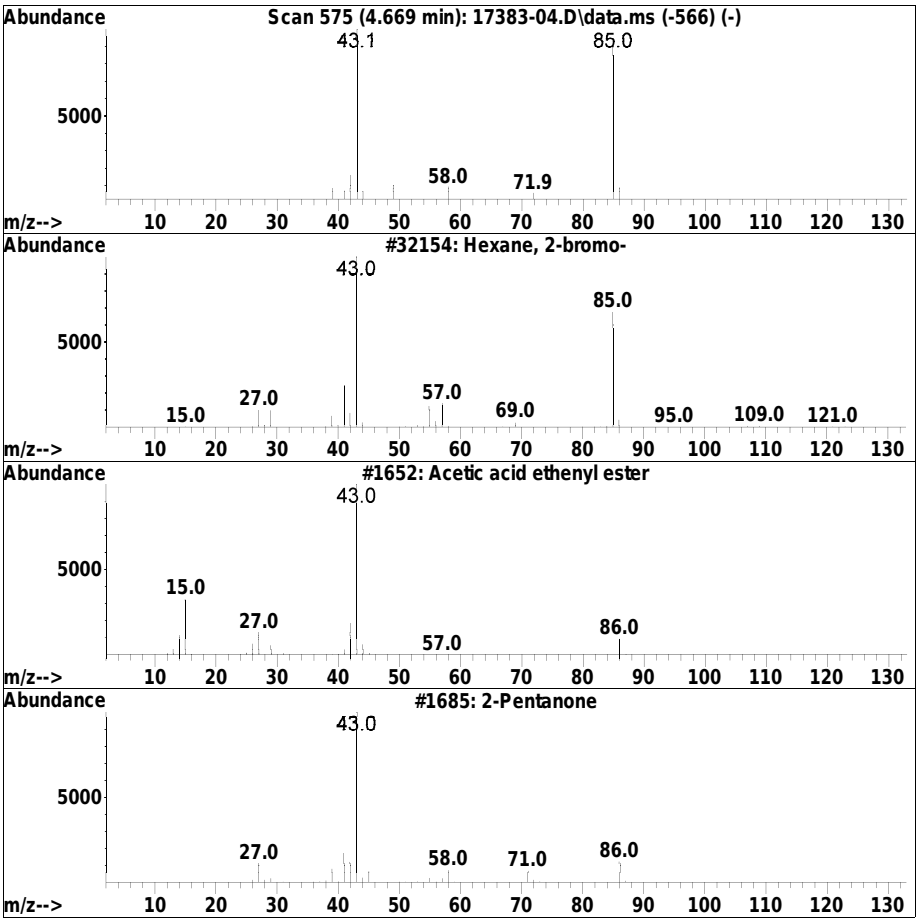
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

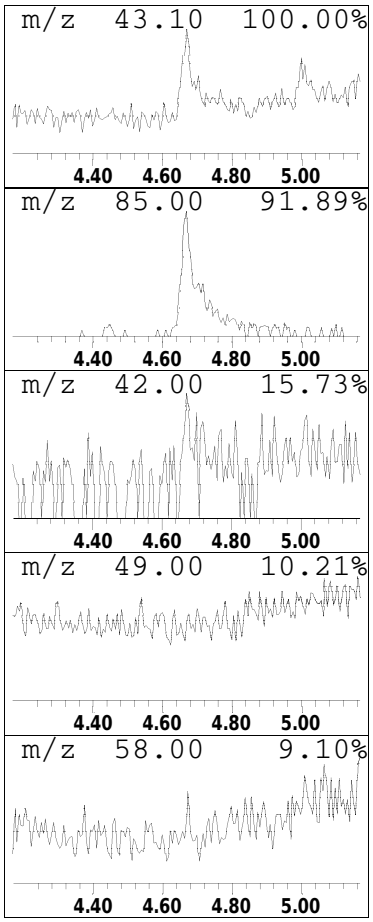
****

Peak Number 3 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.669	0.40 ug/ml	30449	IS2_1,4-Dichlorobenzene-d4	5.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-bromo-	164	C6H13Br	003377-86-4	39
2	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	9
3	2-Pentanone	86	C5H10O	000107-87-9	9
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	9
5	Hexane, 2-bromo-	164	C6H13Br	003377-86-4	9





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	2.399	0.4	ug/ml	33966	1	5.816	303645	4.0
Unknown	4.669	0.4	ug/ml	30449	1	5.816	303645	4.0

Method Blank
Raw Data

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-lvi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 28 14:26:18 2020
Quant Method : i:\8270\sv124\200428avi\FS200405SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 14:01:20 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV124\200428avi\ABN0428.d
: 2 - I:\8270\SV124\200428avi\ADP0428.d
: 3 - I:\8270\SV124\200428avi\AP90428.d
Sub List : 8270TCL_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.251	150	20746	4.000	ug/ml		0.00
Standard Area 1 = 24103			Recovery = 86.07%				
27) IS2_1,4-Dichlorobenzen...	4.251	150	20746	4.000	ug/ml		0.00
Standard Area 3 = 20621			Recovery = 100.61%				
34) IS1_Naphthalene-d8	5.492	136	54749	4.000	ug/ml		0.00
Standard Area 1 = 66551			Recovery = 82.27%				
54) IS2_Naphthalene-d8	5.492	136	54749	4.000	ug/ml		0.00
Standard Area 3 = 55796			Recovery = 98.12%				
62) IS1_Acenaphthene-d10	7.192	164	28031	4.000	ug/ml		0.00
Standard Area 1 = 37234			Recovery = 75.28%				
82) IS2_Acenaphthene-d10	7.192	164	28031	4.000	ug/ml		0.00
Standard Area 3 = 29537			Recovery = 94.90%				
85) IS3_Acenaphthene-d10	7.192	164	28031	4.000	ug/ml		0.00
Standard Area 2 = 29699			Recovery = 94.38%				
87) IS1_Phenanthrene-d10	8.616	188	56335	4.000	ug/ml		0.00
Standard Area 1 = 74040			Recovery = 76.09%				
99) IS3_Phenanthrene-d10	8.616	188	56335	4.000	ug/ml		0.00
Standard Area 2 = 62030			Recovery = 90.82%				
103) IS1_Chrysene-d12	11.210	240	52449	4.000	ug/ml	#	0.00
Standard Area 1 = 76366			Recovery = 68.68%				
112) IS1_Perylene-d12	12.651	264	55596	4.000	ug/ml		0.00
Standard Area 1 = 79048			Recovery = 70.33%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.951	112	11630	3.149	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 62.98%				
7) Phenol-d6	3.951	99	12026	2.725	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 54.50%				
19) Nitrobenzene-d5	4.804	82	7320	1.908	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 76.32%				
45) 2-Fluorobiphenyl	6.575	172	18525	1.776	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 71.04%				
78) 2,4,6-Tribromophenol	7.957	330	2900	2.126	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 42.52%				
95) 4-Terphenyl-d14	10.198	244	24489	2.122	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 84.88%				

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-lvi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 28 14:26:18 2020
Quant Method : i:\8270\sv124\200428avi\FS200405SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 14:01:20 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV124\200428avi\ABN0428.d
: 2 - I:\8270\SV124\200428avi\ADP0428.d
: 3 - I:\8270\SV124\200428avi\AP90428.d
Sub List : 8270TCL_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.		
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.	d	

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-lvi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 28 14:26:18 2020
Quant Method : i:\8270\sv124\200428avi\FS200405SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 14:01:20 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV124\200428avi\ABN0428.d
: 2 - I:\8270\SV124\200428avi\ADP0428.d
: 3 - I:\8270\SV124\200428avi\AP90428.d
Sub List : 8270TCL_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Fluoranthene	0.000		0		N.D.	
94) Pyrene	0.000		0		N.D.	
96) Butyl benzyl phthalate	0.000		0		N.D.	
105) 3,3'-Dichlorobenzidine	0.000		0		N.D.	
106) Chrysene	0.000		0		N.D.	
107) Bis(2-ethylhexyl)phtha...	0.000		0		N.D.	d
108) Di-n-octylphthalate	0.000		0		N.D.	d
115) Benzo(ghi)perylene	0.000		0		N.D.	

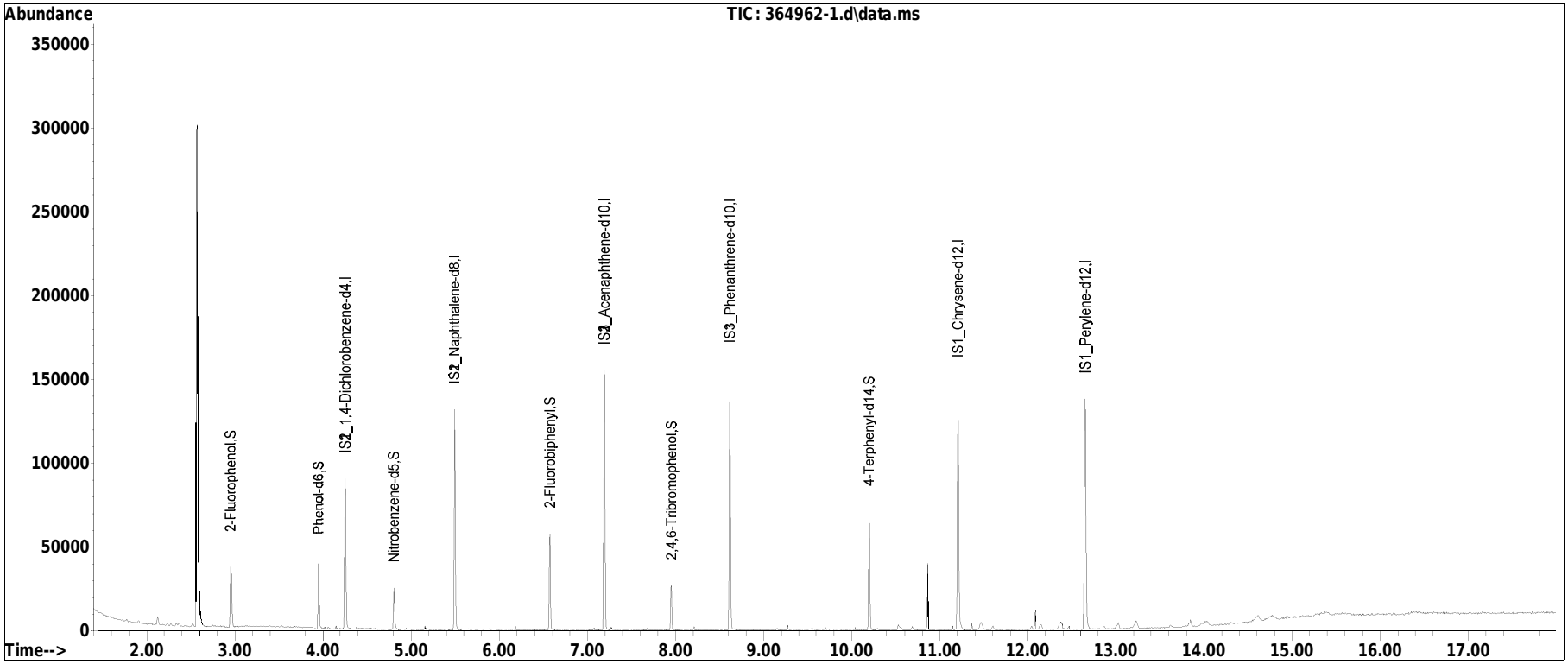
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-1vi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 28 14:26:18 2020
Quant Method : i:\8270\sv124\200428avi\FS200405SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 14:01:20 2020
Response via : Initial Calibration

Sub List : 8270TCL_REV1 - TCL/CT/MAavi\AP90428.d•



Manual Integration Report

Data Path	: I:\8270\SV124\200428avi\	QMethod	: FS200405SV124.m
Data File	: 364962-1.d	Operator	: SV124:sz
Date Inj'd	: 4/28/2020 11:17 am	Instrument	: SV 124
Sample	: WG1364962-1,32,,nj-lvi,re,	Quant Date	: 4/28/2020 2:01 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-lvi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\200428avi\FS200405SV124.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 364962-1.d\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	123	126	130	rVB2	4729	4996	1.43%	0.349%
2	2.516	187	192	198	rBV2	2472	3602	1.03%	0.252%
3	2.569	198	201	212	rBV	299419	349141	100.00%	24.395%
4	2.951	263	266	271	rBV	41751	38504	11.03%	2.690%
5	3.951	433	436	444	rVB	40827	33064	9.47%	2.310%
6	4.251	484	487	500	rVB	89626	77467	22.19%	5.413%
7	4.804	578	581	589	rVB	24778	21065	6.03%	1.472%
8	5.492	695	698	707	rBV	131624	106077	30.38%	7.412%
9	6.575	878	882	886	rBV	57318	49029	14.04%	3.426%
10	7.192	983	987	991	rBV	155059	123038	35.24%	8.597%
11	7.957	1113	1117	1120	rVB	26628	23315	6.68%	1.629%
12	8.616	1225	1229	1235	rBV	156183	132455	37.94%	9.255%
13	10.198	1495	1498	1505	rVB	70490	64465	18.46%	4.504%
14	10.527	1551	1554	1563	rVB3	3183	5769	1.65%	0.403%
15	10.857	1606	1610	1614	rBV	39330	34879	9.99%	2.437%
16	11.210	1666	1670	1681	rVB	147399	146739	42.03%	10.253%
17	11.363	1692	1696	1699	rVB	4318	4400	1.26%	0.307%
18	11.468	1704	1714	1722	rBV2	4710	11070	3.17%	0.773%
19	11.604	1732	1737	1742	rBV2	2451	3560	1.02%	0.249%
20	12.080	1815	1818	1822	rBV	11785	11867	3.40%	0.829%
21	12.151	1825	1830	1837	rVV4	2856	5558	1.59%	0.388%
22	12.374	1860	1868	1872	rBV4	4151	9691	2.78%	0.677%
23	12.651	1910	1915	1926	rBV	137532	148564	42.55%	10.381%
24	13.027	1973	1979	1983	rVB4	3704	6182	1.77%	0.432%
25	13.239	2012	2015	2021	rVB5	4575	7809	2.24%	0.546%
26	13.839	2112	2117	2124	rVB4	4167	8870	2.54%	0.620%

LSC Area Percent Report

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-lvi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

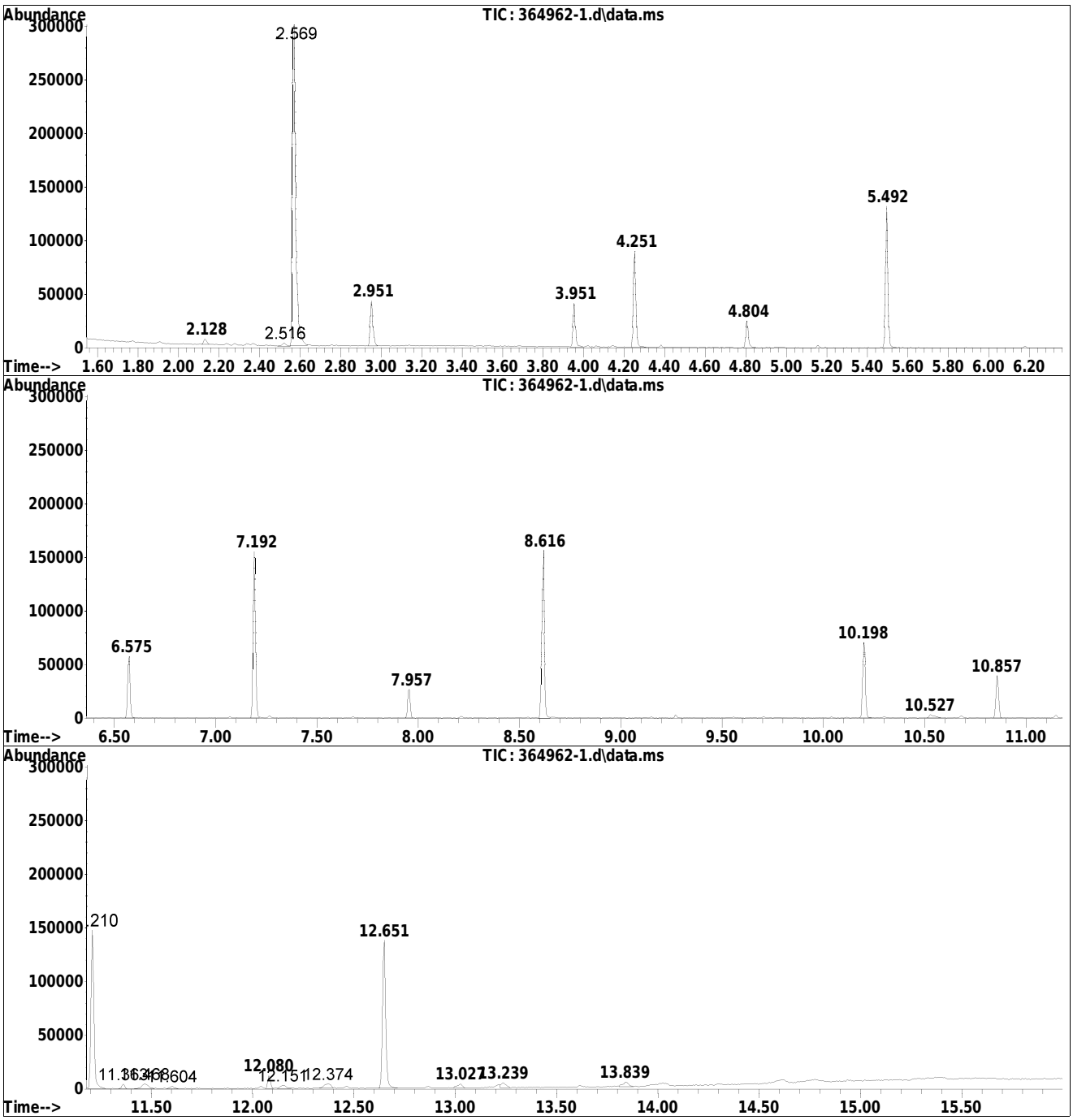
Method : I:\8270\SV124\200428avi\FS200405SV124.m
Title : Semivolatiles by GC/MS by modified 8270

Sum of corrected areas: 1431176

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-1vi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\sv124\200428avi\FS200405SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-1vi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\sv124\200428avi\FS200405SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

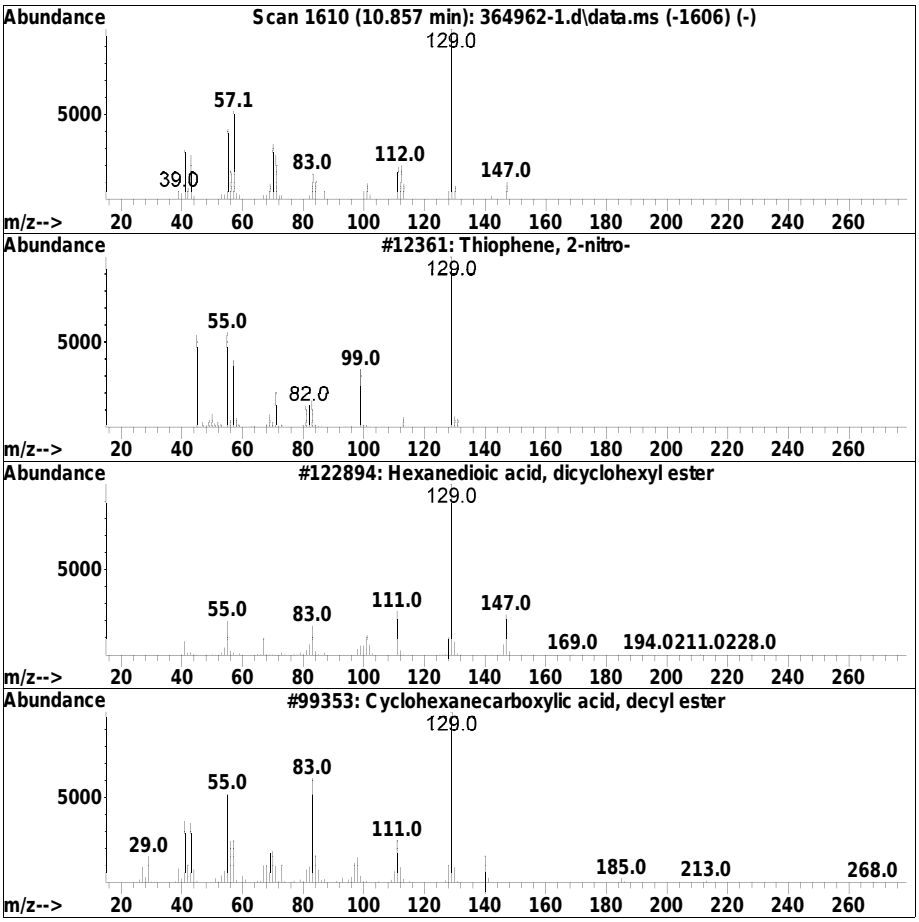
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

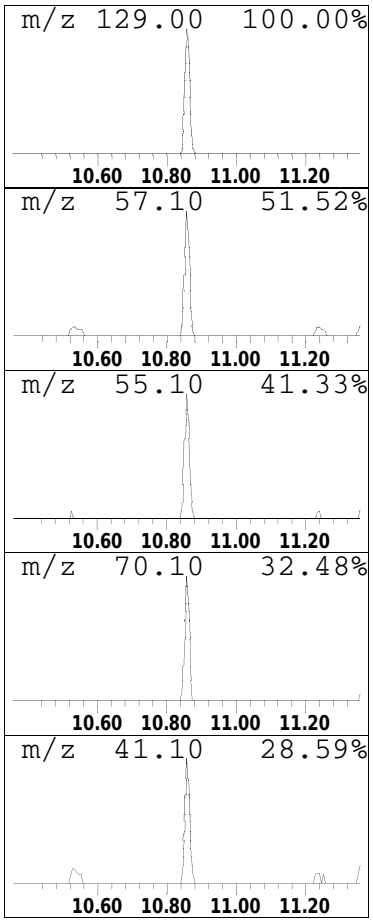
****

Peak Number 2 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.857	0.95 ug/ml	34879	IS1_Chrysene-d12	11.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-nitro-	129	C4H3NO2S	000609-40-5	38
2	Hexanedioic acid, dicyclohexyl e...	310	C18H30O4	000849-99-0	37
3	Cyclohexanecarboxylic acid, decy...	268	C17H32O2	093479-48-2	33
4	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	27
5	Propanoic acid, 2-octyl ester, (...	186	C11H22O2	1000164-41-5	22





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-lvi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\sv124\200428avi\FS200405SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	10.857	1.0	ug/ml	34879	12	11.210	146739	4.0

GC/MS Extractable Analysis
Method 8270
Selective Ion Monitoring

Sample Results Summary

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:33
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 17383-01	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:50
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 17383-02	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:07
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 17383-03	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:23
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 17383-04	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1364978-1	**Date Collected**	: NA
Client ID	: WG1364978-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/28/20 15:06
Sample Matrix	: WATER	**Date Extracted**	: 04/27/20
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 364978-1	**Analyst**	: ALS
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Analysis Date**	: 03/11/20 13:35
Tune Standard	: R1297482-12	**Tune File ID**	: tune_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	56.7
68	Less than 2.0% of mass 69	0.8 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.3 (.6)1
127	10.0 - 80.0% of Base Peak	50.3
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	23.8
365	Greater than 1.0% of mass 198	2.6
441	Present, but less than 24% of mass 442	15.9
442	Base Peak, or >50% of mass 198	67.9
443	15.0 - 24.0% of mass 442	13.3 (19.6)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
L10	R1297482-2	L10	03/11/20 14:36
L9	R1297482-9	L9	03/11/20 14:52
L8	R1297482-10	L8	03/11/20 15:08
L7	R1297482-7	L7	03/11/20 15:24
L6	R1297482-8	L6	03/11/20 15:40
L5	R1297482-3	L5	03/11/20 15:57
L4	R1297482-4	L4	03/11/20 16:13
L3	R1297482-6	L3	03/11/20 16:29
L2	R1297482-5	L2	03/11/20 16:46
L1	R1297482-1	L1	03/11/20 17:02
ICV Quant Report	R1297482-11	ICV	03/11/20 17:18

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Analysis Date**	: 04/28/20 09:20
Tune Standard	: WG1365204-1	**Tune File ID**	: deg0428_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	63.5
68	Less than 2.0% of mass 69	1 (1.9)1
69		100
70	Less than 2.0% of mass 69	0.3 (.5)1
127	10.0 - 80.0% of Base Peak	54.9
197	Less than 2.0% of mass 198	0.3
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	21.6
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	16.9
442	Base Peak, or >50% of mass 198	56.2
443	15.0 - 24.0% of mass 442	10.5 (18.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1365204-3CCAL	WG1365204-3	CCV0428	04/28/20 09:36
WG1364978-1BLANK	WG1364978-1	364978-1	04/28/20 15:06
WG1364978-2LCS	WG1364978-2	364978-2	04/28/20 15:23
WG1364978-3LCSD	WG1364978-3	364978-3	04/28/20 15:39

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Analysis Date**	: 04/30/20 11:43
Tune Standard	: WG1366093-1	**Tune File ID**	: deg0430_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	56.6
68	Less than 2.0% of mass 69	0.9 (1.9)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	52.3
197	Less than 2.0% of mass 198	0.4
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.3
275	10.0 - 60.0% of Base Peak	22.2
365	Greater than 1.0% of mass 198	3.2
441	Present, but less than 24% of mass 442	17.1
442	Base Peak, or >50% of mass 198	61.2
443	15.0 - 24.0% of mass 442	12.2 (19.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1366093-3CCAL	WG1366093-3	CCV0430	04/30/20 12:00
MW-1	L2017383-01	17383-01	04/30/20 12:33
MW-2	L2017383-02	17383-02	04/30/20 12:50
MW-3	L2017383-03	17383-03	04/30/20 13:07
MW-4	L2017383-04	17383-04	04/30/20 13:23

Blank Results Summary

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab Sample ID	: WG1364978-1	**Lab File ID**	: 364978-1
Instrument ID	: SV128	**Extraction Date**	: 04/27/20
Matrix	: WATER	**Analysis Date**	: 04/28/20 15:06
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1364978-2LCS	WG1364978-2	04/28/20 15:23
WG1364978-3LCSD	WG1364978-3	04/28/20 15:39
MW-1	L2017383-01	04/30/20 12:33
MW-2	L2017383-02	04/30/20 12:50
MW-3	L2017383-03	04/30/20 13:07
MW-4	L2017383-04	04/30/20 13:23

Standards Data Summary

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV128**	**Ical Ref**	**: ICAL16613**
Calibration dates	**: 03/11/20 14:36 03/11/20 17:18**		

Calibration Files
L1 =L1.D L2 =L2.D L3 =L3.D L4 =L4.D L5 =L5.D L6 =L6.D L7 =L7.D L8 =L8.D L9 =L9.D
L10 =L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	i	1,4-Dichlorobenzene-d4	ISTD											
2)		1,4-Dioxane											0.000	-1.00
3)	s	2-Fluorophenol		1.100	1.049	1.080	1.061	1.111	1.065	1.142	1.067		1.084	2.88
4)	s	Phenol-d6		1.322	1.328	1.354	1.296	1.354	1.332	1.427	1.354		1.346	2.87
5)	T	bis(2-Chloroethyl)ether		1.391	1.274	1.254	1.193	1.275	1.195	1.230	1.179	1.148	1.238	5.85
6)	T	n-Nitrosodi-n-propylamine		0.874	0.845	0.849	0.851	0.900	0.873	0.912	0.904	0.924	0.881	3.37
7)	t	Hexachloroethane		0.458	0.531	0.544	0.512	0.519	0.495	0.510	0.495	0.499	0.507	4.89
8)	s	Nitrobenzene-d5		1.132	1.193	1.210	1.207	1.262	1.241	1.325	1.308		1.235	5.11
9)	i	Naphthalene-d8	ISTD											
10)	t	Naphthalene		1.141	1.137	1.141	1.099	1.124	1.077	1.098	1.039	1.015	1.097	4.17
11)	t	Hexachlorobutadiene		0.245	0.221	0.238	0.233	0.236	0.221	0.221	0.213	0.209	0.226	5.40
12)	t	2-Methylnaphthalene		0.743	0.757	0.766	0.739	0.774	0.745	0.757	0.736	0.725	0.749	2.09
13)	t	1-Methylnaphthalene		0.708	0.694	0.719	0.692	0.734	0.707	0.715	0.698	0.689	0.706	2.07
14)	s	2-Fluorobiphenyl		0.943	0.911	0.921	0.901	0.941	0.902	0.891			0.916	2.22
15)	t	2-Chloronaphthalene		0.785	0.785	0.781	0.769	0.808	0.779	0.781	0.765	0.770	0.780	1.62
16)	t	Acenaphthylene		1.178	1.165	1.166	1.138	1.202	1.176	1.204	1.197	1.208	1.182	1.94
17)	i	Acenaphthene-d10	ISTD											
18)	t	Acenaphthene		1.367	1.390	1.406	1.358	1.385	1.329	1.352	1.290	1.271	1.350	3.37
19)	t	Fluorene		1.595	1.556	1.559	1.499	1.560	1.503	1.547	1.478	1.453	1.528	3.04
20)	s	2,4,6-Tribromophenol				0.201	0.184	0.187	0.190	0.200	0.202		0.194	4.07
21)	i	Phenanthrene-d10	ISTD											
22)	T	4,6-Dinitro-o-cresol					0.053	0.067	0.077	0.101	0.108	0.115	*Q	0.9992
23)	t	Hexachlorobenzene	0.486	0.330	0.263	0.270	0.253	0.260	0.251	0.249	0.237	0.231	*L	0.9992
24)	t	Pentachlorophenol			0.286	0.214	0.150	0.142	0.127	0.140	0.145	0.149	*L	0.9987
25)	t	Phenanthrene		1.275	1.300	1.283	1.195	1.231	1.157	1.173	1.102	1.059	1.197	6.97
26)	t	Anthracene		1.158	1.130	1.164	1.139	1.177	1.145	1.194	1.143	1.096	1.149	2.48
27)	t	Fluoranthene		1.358	1.312	1.353	1.298	1.373	1.314	1.366	1.330	1.281	1.332	2.43
28)	t	Pyrene		1.407	1.368	1.396	1.349	1.437	1.382	1.442	1.384	1.330	1.388	2.67
29)	s	4-Terphenyl-d14		0.734	0.744	0.758	0.727	0.767	0.735	0.735	0.727		0.741	1.94
30)	i	Chrysene-d12	ISTD											
31)	t	Benzo[a]anthracene		2.531	1.700	1.538	1.365	1.387	1.344	1.390	1.351	1.312	*L	0.9996
32)	t	Chrysene		1.386	1.441	1.520	1.445	1.536	1.430	1.413	1.315	1.285	1.419	5.86
33)	T	bis(2-Ethylhexyl)phthalate					0.484	0.537	0.553	0.615	0.703	0.747	0.607	16.75
34)	i	Perylene-d12	ISTD											
35)	t	Benzo[b]fluoranthene		1.225	1.186	1.264	1.163	1.253	1.247	1.324	1.274	1.314	1.250	4.26
36)	t	Benzo[k]fluoranthene		1.207	1.191	1.177	1.213	1.336	1.305	1.310	1.317	1.278	1.259	4.91

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV128**	**Ical Ref**	**: ICAL16613**
Calibration dates	**: 03/11/20 14:36 03/11/20 17:18**		

Calibration Files

L1 =L1.D L2 =L2.D L3 =L3.D L4 =L4.D L5 =L5.D L6 =L6.D L7 =L7.D L8 =L8.D L9 =L9.D

L10 =L10.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37) t	Benzo[a]pyrene		1.031	1.011	1.055	1.002	1.092	1.107	1.213	1.189	1.211	1.101	7.70
38) t	Indeno[1,2,3-cd]pyrene			0.946	0.986	0.918	1.010	1.025	1.202	1.157	1.183	1.054	10.56
39) t	Dibenzo[a,h]anthracene			0.914	0.980	0.979	1.111	1.156	1.289	1.219	1.218	1.108	12.30
40) t	Benzo[g,h,i]perylene		1.116	1.111	1.158	1.106	1.215	1.238	1.393	1.277	1.256	1.208	7.89

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383		
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV128	**Calibration Date**	: 04/28/20 09:36		
Lab File ID	: CCV0428	**Init. Calib. Date(s)**	: 03/11/20	03/11/20	
Sample No	: WG1365204-3	**Init. Calib. Times**	: 14:36	17:18	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	77	0
2-Fluorophenol	1.084	1.091	.05	-0.6	20	79	0
Phenol-d6	1.346	1.313	.05	2.5	20	76	0
Bis(2-chloroethyl)ether	1.238	1.183	.05	4.4	20	76	0
n-nitrosodi-n-propylamine	0.881	0.87	.05	1.2	20	77	0
Hexachloroethane	0.507	0.509	.05	-0.4	20	79	0
Nitrobenzene-d5	1.235	1.224	.05	0.9	20	76	0
Naphthalene-d8	1	1	.05	0	20	77	0
Naphthalene	1.097	1.029	.05	6.2	20	73	0
Hexachlorobutadiene	0.226	0.213	.05	5.8	20	74	0
2-Methylnaphthalene	0.749	0.724	.05	3.3	20	74	0
1-Methylnaphthalene	0.706	0.683	.05	3.3	20	74	0
2-Fluorobiphenyl	0.916	0.839	.05	8.4	20	71	0
2-Chloronaphthalene	0.78	0.743	.05	4.7	20	73	0
Acenaphthylene	1.182	1.113	.05	5.8	20	73	0
Acenaphthene-d10	1	1	.05	0	20	75	0
Acenaphthene	1.35	1.318	.05	2.4	20	74	0
Fluorene	1.528	1.549	.05	-1.4	20	77	0
2,4,6-Tribromophenol	0.194	0.231	.05	-19.1	20	91	0
Phenanthrene-d10	1	1	.05	0	20	77	0
4,6-Dinitro-o-cresol	1000	1201.108	.05	-20.1*	20	112	0
Hexachlorobenzene	1000	1039.773	.05	-4	20	76	0
Pentachlorophenol	1000	723.133	.05	27.7*	20	65	0
Phenanthrene	1.197	1.156	.05	3.4	20	77	0
Anthracene	1.149	1.09	.05	5.1	20	73	0
Fluoranthene	1.332	1.348	.05	-1.2	20	79	0
Pyrene	1.388	1.377	.05	0.8	20	77	0
4-Terphenyl-d14	0.741	0.73	.05	1.5	20	77	0
Chrysene-d12	1	1	.05	0	20	79	0
Benzo[a]anthracene	1000	1012.117	.05	-1.2	20	80	0
Chrysene	1.419	1.409	.05	0.7	20	78	0
Bis(2-ethylhexyl)phthalate	0.607	0.847	.05	-39.5*	20	121	0
Perylene-d12	1	1	.05	0	20	79	0
Benzo[b]fluoranthene	1.25	1.479	.05	-18.3	20	93	0
Benzo[k]fluoranthene	1.259	1.288	.05	-2.3	20	78	0
Benzo[a]pyrene	1.101	1.205	.05	-9.4	20	85	0
Indeno[1,2,3-cd]pyrene	1.054	1.258	.05	-19.4	20	96	0
Dibenzo[a,h]anthracene	1.108	1.291	.05	-16.5	20	88	0
Benzo[g,h,i]perylene	1.208	1.327	.05	-9.9	20	84	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Calibration Date**	: 04/30/20 12:00
Lab File ID	: CCV0430	**Init. Calib. Date(s)**	: 03/11/20 03/11/20
Sample No	: WG1366093-3	**Init. Calib. Times**	: 14:36 17:18
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	87	0
2-Fluorophenol	1.084	1.134	.05	-4.6	20	93	0
Phenol-d6	1.346	1.395	.05	-3.6	20	91	0
Bis(2-chloroethyl)ether	1.238	1.22	.05	1.5	20	89	0
n-nitrosodi-n-propylamine	0.881	0.894	.05	-1.5	20	89	.01
Hexachloroethane	0.507	0.533	.05	-5.1	20	94	0
Nitrobenzene-d5	1.235	1.291	.05	-4.5	20	90	.01
Naphthalene-d8	1	1	.05	0	20	88	.01
Naphthalene	1.097	1.067	.05	2.7	20	87	0
Hexachlorobutadiene	0.226	0.222	.05	1.8	20	88	0
2-Methylnaphthalene	0.749	0.739	.05	1.3	20	87	.01
1-Methylnaphthalene	0.706	0.701	.05	0.7	20	87	.02
2-Fluorobiphenyl	0.916	0.894	.05	2.4	20	87	.01
2-Chloronaphthalene	0.78	0.759	.05	2.7	20	86	.01
Acenaphthylene	1.182	1.163	.05	1.6	20	87	.01
Acenaphthene-d10	1	1	.05	0	20	88	.01
Acenaphthene	1.35	1.303	.05	3.5	20	86	.01
Fluorene	1.528	1.522	.05	0.4	20	89	.01
2,4,6-Tribromophenol	0.194	0.228	.05	-17.5	20	105	.01
Phenanthrene-d10	1	1	.05	0	20	88	.02
4,6-Dinitro-o-cresol	1000	1248.726	.05	-24.9*	20	134	.01
Hexachlorobenzene	1000	1064.315	.05	-6.4	20	89	.01
Pentachlorophenol	1000	333.02	.05	66.7*	20	35	.02
Phenanthrene	1.197	1.159	.05	3.2	20	88	.01
Anthracene	1.149	1.133	.05	1.4	20	87	.01
Fluoranthene	1.332	1.365	.05	-2.5	20	91	.02
Pyrene	1.388	1.418	.05	-2.2	20	90	.02
4-Terphenyl-d14	0.741	0.768	.05	-3.6	20	92	.02
Chrysene-d12	1	1	.05	0	20	91	.03
Benzo[a]anthracene	1000	1032.321	.05	-3.2	20	94	.02
Chrysene	1.419	1.395	.05	1.7	20	89	.03
Bis(2-ethylhexyl)phthalate	0.607	0.895	.05	-47.4*	20	148	.03
Perylene-d12	1	1	.05	0	20	91	.06
Benzo[b]fluoranthene	1.25	1.455	.05	-16.4	20	106	.05
Benzo[k]fluoranthene	1.259	1.273	.05	-1.1	20	89	.05
Benzo[a]pyrene	1.101	1.206	.05	-9.5	20	99	.05
Indeno[1,2,3-cd]pyrene	1.054	1.233	.05	-17	20	110	.09
Dibenzo[a,h]anthracene	1.108	1.255	.05	-13.3	20	99	.09
Benzo[g,h,i]perylene	1.208	1.322	.05	-9.4	20	97	.09

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Lisko Environmental, LLC
Project Name: PISTOIA TIRE CO INC.

Lab Number: L2017383
Project Number: 0064-4
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (NBZ)	S2 (FBP)	S3 (TPH)	S4 ()	S5 ()	S6 ()	TOT OUT
MW-1 (L2017383-01)	68	78	88	--	--	--	0
MW-2 (L2017383-02)	61	57	77	--	--	--	0
MW-3 (L2017383-03)	58	53	67	--	--	--	0
MW-4 (L2017383-04)	65	61	77	--	--	--	0
WG1364978-1BLANK	73	66	89	--	--	--	0
WG1364978-2LCS	92	83	100	--	--	--	0
WG1364978-3LCSD	62	68	118	--	--	--	0

QC LIMITS

(30-130) NBZ = NITROBENZENE-D5
(30-130) FBP = 2-FLUOROBIPHENYL
(30-130) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NJ-BNEXT-SIM-LVI

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Matrix	: WATER		
LCS Sample ID	: WG1364978-2	**Analysis Date** : 04/28/20 15:23	**File ID** : 364978-2
LCSD Sample ID	: WG1364978-3	**Analysis Date** : 04/28/20 15:39	**File ID** : 364978-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	3.6	3.1	85	3.6	3.6	100	16	70-130	20
Benzo(a)pyrene	3.6	3.3	91	3.6	3.8	104	13	70-130	20
Benzo(b)fluoranthene	3.6	3.2	88	3.6	3.8	106	19	70-130	20
Benzo(k)fluoranthene	3.6	3.3	90	3.6	3.6	100	11	70-130	20
Dibenzo(a,h)anthracene	3.6	3.3	92	3.6	3.7	102	10	70-130	20
Indeno(1,2,3-cd)pyrene	3.6	3.4	95	3.6	3.9	106	11	70-130	20
Hexachlorobenzene	3.6	3.2	87	3.6	3.1	85	2	70-130	20
Hexachlorobutadiene	3.6	2.8	77	3.6	1.8	50 Q	43 Q	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Analysis Date**	: 04/28/20 09:36
Sample No	: WG1365204-3	**Lab File ID**	: CCV0428

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1365204-3	64377	2.08	228424	2.74	130768	3.71
Upper Limit	128754	2.58	456848	3.24	261536	4.21
Lower Limit	32189	1.58	114212	2.24	65384	3.21
Sample ID						
WG1364978-1 BLANK	67355	2.09	242518	2.74	141910	3.71
WG1364978-2 LCS	63289	2.09	225774	2.74	130655	3.71
WG1364978-3 LCSD	63328	2.09	224817	2.74	131041	3.71

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Analysis Date**	: 04/28/20 09:36
Sample No	: WG1365204-3	**Lab File ID**	: CCV0428

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1365204-3	294202	4.55	283237	6.06	290364	7.13
Upper Limit	588404	5.05	566474	6.56	580728	7.63
Lower Limit	147101	4.05	141619	5.56	145182	6.63
Sample ID						
WG1364978-1 BLANK	319504	4.55	313162	6.06	324968	7.14
WG1364978-2 LCS	281922	4.55	267370	6.06	279972	7.14
WG1364978-3 LCSD	293586	4.55	286514	6.06	296963	7.14

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Analysis Date**	: 04/30/20 12:00
Sample No	: WG1366093-3	**Lab File ID**	: CCV0430

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1366093-3	72783	2.09	261908	2.75	153921	3.72
Upper Limit	145566	2.59	523816	3.25	307842	4.22
Lower Limit	36392	1.59	130954	2.25	76961	3.22
Sample ID						
MW-1	66955	2.08	241932	2.74	142401	3.71
MW-2	65156	2.08	235054	2.74	136565	3.71
MW-3	67901	2.08	244863	2.74	145298	3.71
MW-4	65642	2.08	235721	2.74	135378	3.71

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Analysis Date**	: 04/30/20 12:00
Sample No	: WG1366093-3	**Lab File ID**	: CCV0430

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1366093-3	335754	4.56	326581	6.09	336437	7.19
Upper Limit	671508	5.06	653162	6.59	672874	7.69
Lower Limit	167877	4.06	163291	5.59	168219	6.69
Sample ID						
MW-1	311915	4.56	287871	6.08	287642	7.18
MW-2	298897	4.55	279162	6.08	279185	7.18
MW-3	314230	4.55	291922	6.08	289639	7.18
MW-4	296649	4.55	276996	6.08	278683	7.18

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-01.D
Acq On : 30 Apr 2020 12:33 pm
Operator : SV128:dv
Sample : 12017383-01,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 02 10:53:47 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.080	152	66955	4000.000 ng/ml	# 0.00
Standard Area 1 = 72783			Recovery = 91.99%		
9) Naphthalene-d8	2.740	136	241932	4000.000 ng/ml	0.00
Standard Area 1 = 261908			Recovery = 92.37%		
17) Acenaphthene-d10	3.714	164	142401	4000.000 ng/ml	# 0.00
Standard Area 1 = 153921			Recovery = 92.52%		
21) Phenanthrene-d10	4.556	188	311915	4000.000 ng/ml	0.01
Standard Area 1 = 335754			Recovery = 92.90%		
30) Chrysene-d12	6.082	240	287871	4000.000 ng/ml	0.03
Standard Area 1 = 326581			Recovery = 88.15%		
34) Perylene-d12	7.184	264	287642	4000.000 ng/ml	0.05
Standard Area 1 = 336437			Recovery = 85.50%		
System Monitoring Compounds					
3) 2-Fluorophenol	1.494	112	36089	1988.200 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 39764.00%#		
4) Phenol-d6	1.909	99	50931	2260.786 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 45215.72%#		
8) Nitrobenzene-d5	2.362	82	34992	1693.003 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 67720.12%#		
14) 2-Fluorobiphenyl	3.340	172	107907	1948.139 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 77925.56%#		
20) 2,4,6-Tribromophenol	4.161	330	15835	2291.437 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 45828.74%#		
29) 4-Terphenyl-d14	5.477	244	127669	2209.824 ng/ml	0.02
Spiked Amount 2.500	Range 30 - 130		Recovery = 88392.96%#		
Target Compounds					Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.	
23) Hexachlorobenzene	0.000		0	N.D. d	
31) Benzo[a]anthracene	0.000		0	N.D. d	
35) Benzo[b]fluoranthene	0.000		0	N.D. d	
36) Benzo[k]fluoranthene	0.000		0	N.D. d	
37) Benzo[a]pyrene	0.000		0	N.D. d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
39) Dibenzo[a,h]anthracene	0.000		0	N.D. d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-01.D
Acq On : 30 Apr 2020 12:33 pm
Operator : SV128:dv
Sample : 12017383-01,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 02 10:53:47 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

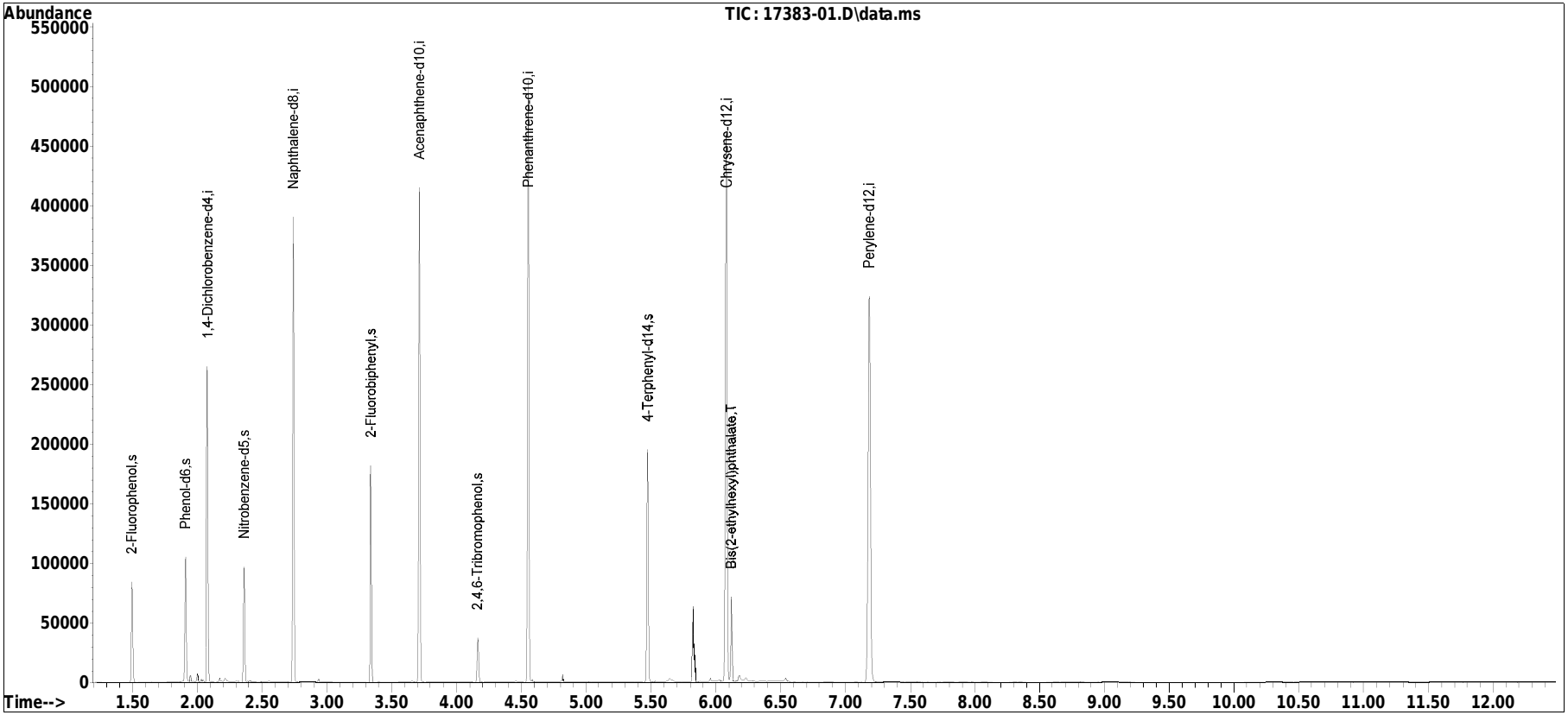
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-01.D
Acq On : 30 Apr 2020 12:33 pm
Operator : SV128:dv
Sample : l2017383-01,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 02 10:53:47 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

Sub List : Default - All compounds listedv0430.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV128\200430\	QMethod	: SIM-LVI_200311_sv128.M
Data File	: 17383-01.D	Operator	: SV128:dv
Date Inj'd	: 4/30/2020 12:33 pm	Instrument	: SV128
Sample	: 12017383-01,32,,bnext	Quant Date	: 5/2/2020 10:53 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-02.D
Acq On : 30 Apr 2020 12:50 pm
Operator : SV128:dv
Sample : 12017383-02,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 10:54:23 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.080	152	65156	4000.000 ng/ml	# 0.00
Standard Area 1 = 72783			Recovery = 89.52%		
9) Naphthalene-d8	2.740	136	235054	4000.000 ng/ml	0.00
Standard Area 1 = 261908			Recovery = 89.75%		
17) Acenaphthene-d10	3.713	164	136565	4000.000 ng/ml	# 0.00
Standard Area 1 = 153921			Recovery = 88.72%		
21) Phenanthrene-d10	4.552	188	298897	4000.000 ng/ml	0.00
Standard Area 1 = 335754			Recovery = 89.02%		
30) Chrysene-d12	6.078	240	279162	4000.000 ng/ml	0.02
Standard Area 1 = 326581			Recovery = 85.48%		
34) Perylene-d12	7.182	264	279185	4000.000 ng/ml	0.05
Standard Area 1 = 336437			Recovery = 82.98%		
System Monitoring Compounds					
3) 2-Fluorophenol	1.494	112	46014	2604.976 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 52099.52%#		
4) Phenol-d6	1.909	99	50735	2314.268 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 46285.36%#		
8) Nitrobenzene-d5	2.362	82	30621	1522.429 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 60897.16%#		
14) 2-Fluorobiphenyl	3.339	172	76092	1413.953 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 56558.12%#		
20) 2,4,6-Tribromophenol	4.160	330	24025	3625.157 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 72503.14%#		
29) 4-Terphenyl-d14	5.476	244	107225	1936.792 ng/ml	0.01
Spiked Amount 2.500	Range 30 - 130		Recovery = 77471.68%#		
Target Compounds					Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.	
23) Hexachlorobenzene	0.000		0	N.D.	
31) Benzo[a]anthracene	0.000		0	N.D. d	
35) Benzo[b]fluoranthene	0.000		0	N.D. d	
36) Benzo[k]fluoranthene	0.000		0	N.D. d	
37) Benzo[a]pyrene	0.000		0	N.D. d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	
39) Dibenzo[a,h]anthracene	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-02.D
Acq On : 30 Apr 2020 12:50 pm
Operator : SV128:dv
Sample : 12017383-02,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 10:54:23 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

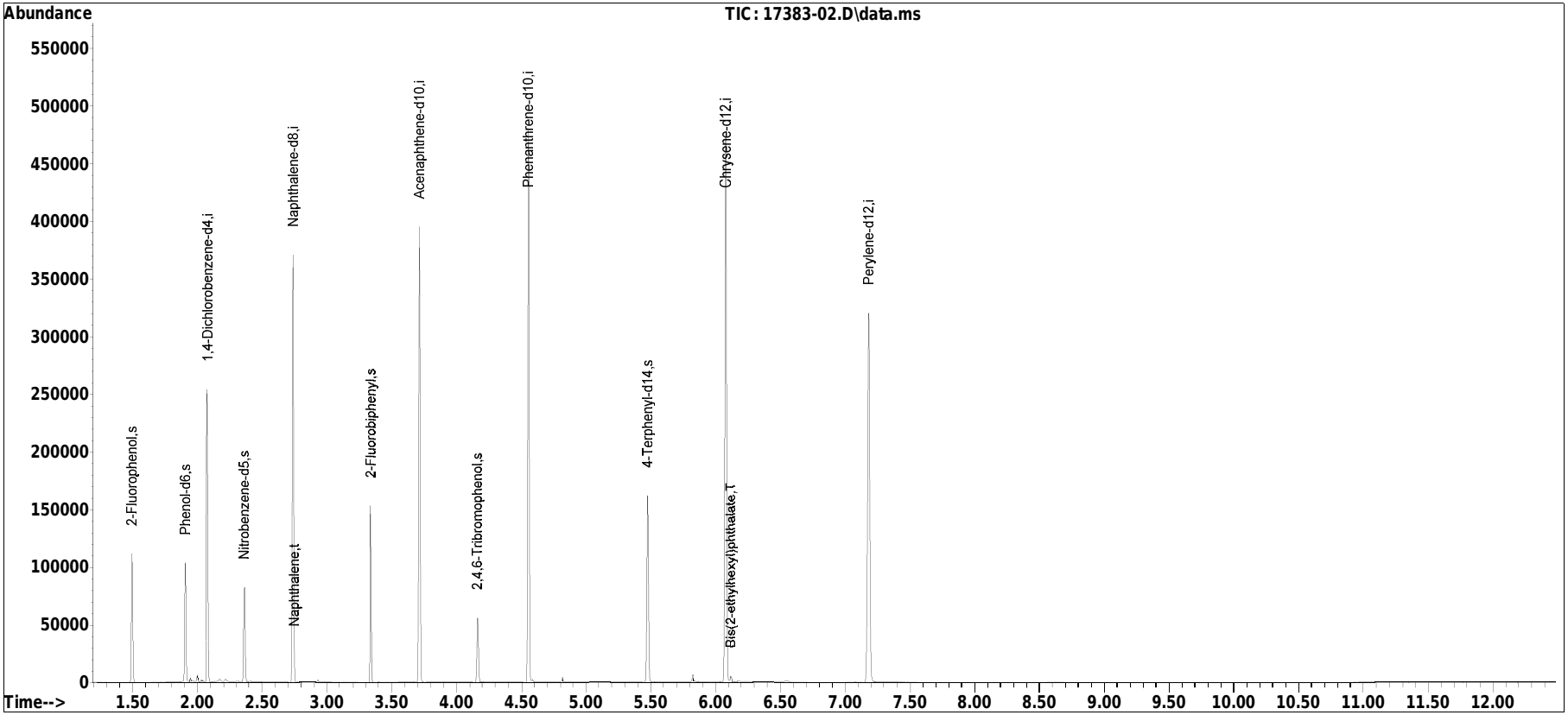
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-02.D
Acq On : 30 Apr 2020 12:50 pm
Operator : SV128:dv
Sample : l2017383-02,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 10:54:23 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

Sub List : Default - All compounds listedv0430.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV128\200430\	QMethod	: SIM-LVI_200311_sv128.M
Data File	: 17383-02.D	Operator	: SV128:dv
Date Inj'd	: 4/30/2020 12:50 pm	Instrument	: SV128
Sample	: 12017383-02,32,,bnext	Quant Date	: 5/2/2020 10:53 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-03.D
Acq On : 30 Apr 2020 01:07 pm
Operator : SV128:dv
Sample : 12017383-03,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 02 10:55:29 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.080	152	67901	4000.000 ng/ml	# 0.00
Standard Area 1 = 72783			Recovery = 93.29%		
9) Naphthalene-d8	2.740	136	244863	4000.000 ng/ml	0.00
Standard Area 1 = 261908			Recovery = 93.49%		
17) Acenaphthene-d10	3.713	164	145298	4000.000 ng/ml	# 0.00
Standard Area 1 = 153921			Recovery = 94.40%		
21) Phenanthrene-d10	4.553	188	314230	4000.000 ng/ml	0.00
Standard Area 1 = 335754			Recovery = 93.59%		
30) Chrysene-d12	6.079	240	291922	4000.000 ng/ml	0.02
Standard Area 1 = 326581			Recovery = 89.39%		
34) Perylene-d12	7.183	264	289639	4000.000 ng/ml	0.05
Standard Area 1 = 336437			Recovery = 86.09%		
System Monitoring Compounds					
3) 2-Fluorophenol	1.494	112	40947	2224.406 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 44488.12%#		
4) Phenol-d6	1.909	99	48650	2129.448 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 42588.96%#		
8) Nitrobenzene-d5	2.360	82	30364	1448.621 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 57944.84%#		
14) 2-Fluorobiphenyl	3.339	172	74067	1321.190 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 52847.60%#		
20) 2,4,6-Tribromophenol	4.160	330	15572	2208.450 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 44169.00%#		
29) 4-Terphenyl-d14	5.477	244	97156	1669.285 ng/ml	0.01
Spiked Amount 2.500	Range 30 - 130		Recovery = 66771.40%#		
Target Compounds					Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.	
23) Hexachlorobenzene	0.000		0	N.D. d	
31) Benzo[a]anthracene	0.000		0	N.D. d	
35) Benzo[b]fluoranthene	0.000		0	N.D. d	
36) Benzo[k]fluoranthene	0.000		0	N.D. d	
37) Benzo[a]pyrene	0.000		0	N.D. d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
39) Dibenzo[a,h]anthracene	0.000		0	N.D. d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-03.D
Acq On : 30 Apr 2020 01:07 pm
Operator : SV128:dv
Sample : 12017383-03,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 02 10:55:29 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

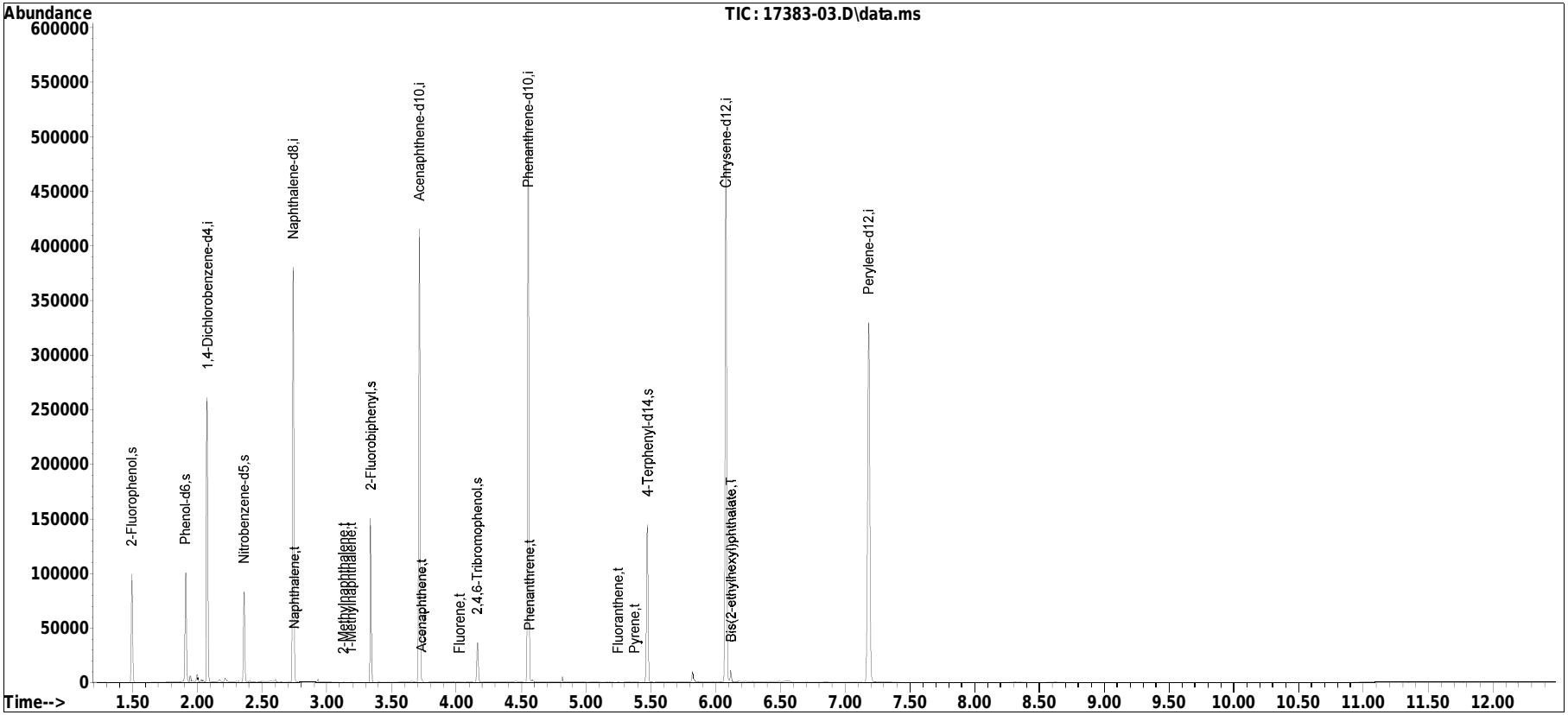
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-03.D
Acq On : 30 Apr 2020 01:07 pm
Operator : SV128:dv
Sample : l2017383-03,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 02 10:55:29 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

Sub List : Default - All compounds listedv0430.D•



Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-04.D
Acq On : 30 Apr 2020 01:23 pm
Operator : SV128:dv
Sample : 12017383-04,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 10:56:07 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.080	152	65642	4000.000 ng/ml	# 0.00
Standard Area 1 = 72783			Recovery = 90.19%		
9) Naphthalene-d8	2.740	136	235721	4000.000 ng/ml	0.00
Standard Area 1 = 261908			Recovery = 90.00%		
17) Acenaphthene-d10	3.713	164	135378	4000.000 ng/ml	# 0.00
Standard Area 1 = 153921			Recovery = 87.95%		
21) Phenanthrene-d10	4.552	188	296649	4000.000 ng/ml	0.00
Standard Area 1 = 335754			Recovery = 88.35%		
30) Chrysene-d12	6.076	240	276996	4000.000 ng/ml	0.02
Standard Area 1 = 326581			Recovery = 84.82%		
34) Perylene-d12	7.183	264	278683	4000.000 ng/ml	0.05
Standard Area 1 = 336437			Recovery = 82.83%		
System Monitoring Compounds					
3) 2-Fluorophenol	1.496	112	44228	2485.328 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 49706.56%#		
4) Phenol-d6	1.908	99	44978	2036.473 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 40729.46%#		
8) Nitrobenzene-d5	2.362	82	32960	1626.588 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 65063.52%#		
14) 2-Fluorobiphenyl	3.339	172	82756	1533.433 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 61337.32%#		
20) 2,4,6-Tribromophenol	4.160	330	25032	3810.222 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 76204.44%#		
29) 4-Terphenyl-d14	5.477	244	105959	1928.428 ng/ml	0.01
Spiked Amount 2.500	Range 30 - 130		Recovery = 77137.12%#		
Target Compounds					Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.	
23) Hexachlorobenzene	0.000		0	N.D. d	
31) Benzo[a]anthracene	0.000		0	N.D. d	
35) Benzo[b]fluoranthene	0.000		0	N.D.	
36) Benzo[k]fluoranthene	0.000		0	N.D. d	
37) Benzo[a]pyrene	0.000		0	N.D. d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	
39) Dibenzo[a,h]anthracene	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-04.D
Acq On : 30 Apr 2020 01:23 pm
Operator : SV128:dv
Sample : l2017383-04,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 10:56:07 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

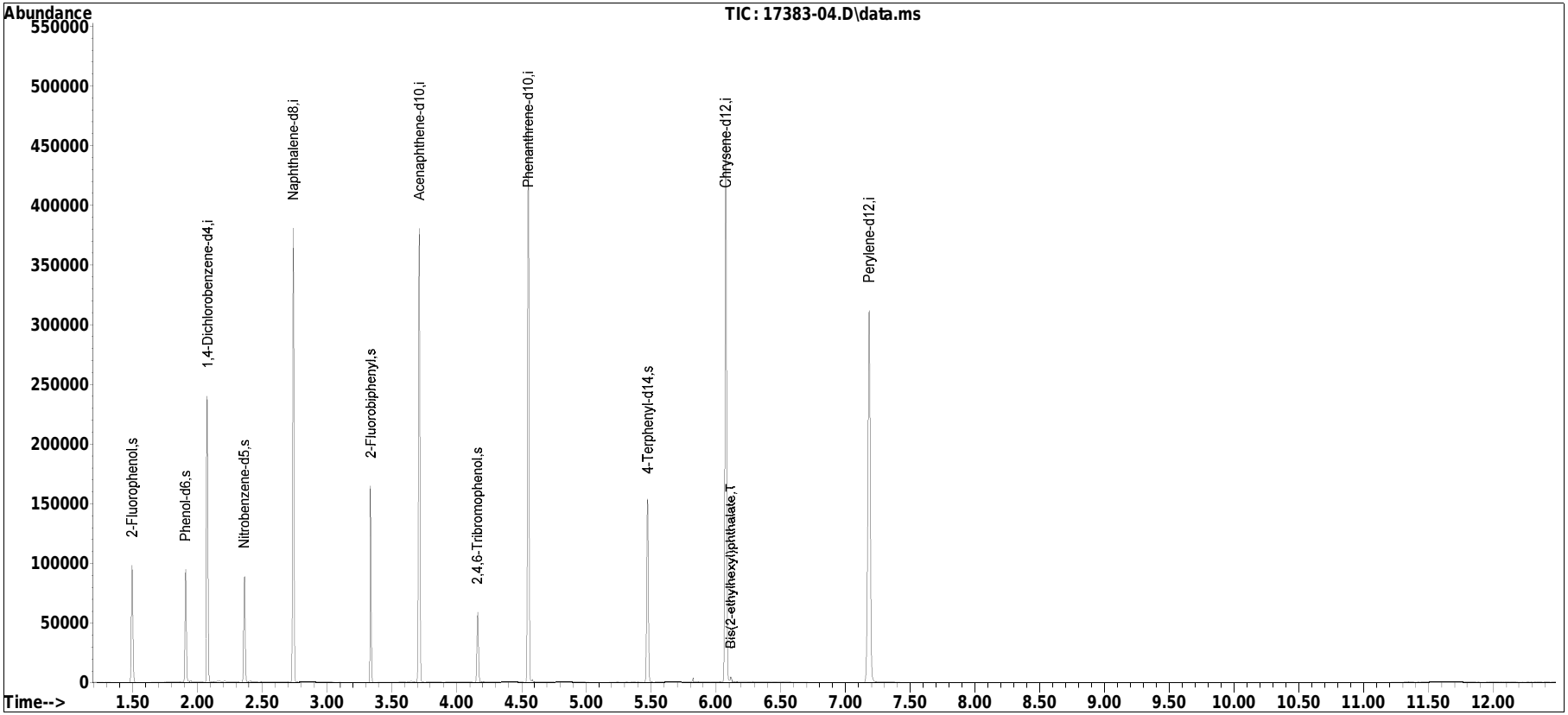
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-04.D
Acq On : 30 Apr 2020 01:23 pm
Operator : SV128:dv
Sample : l2017383-04,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 10:56:07 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

Sub List : Default - All compounds listedv0430.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV128\200430\	QMethod	: SIM-LVI_200311_sv128.M
Data File	: 17383-04.D	Operator	: SV128:dv
Date Inj'd	: 4/30/2020 1:23 pm	Instrument	: SV128
Sample	: 12017383-04,32,,bnext	Quant Date	: 5/2/2020 10:55 am

There are no manual integrations or false positives in this file.

Method Blank
Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200428\
Data File : 364978-1.D
Acq On : 28 Apr 2020 03:06 pm
Operator : SV128:als
Sample : wg1364978-1,32,,bnext,jjw
Misc : wg1365204,wg1364978,ical16613
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 01 09:04:02 2020
Quant Method : I:\8270SIM\SV128\200428\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200428\ccv0428.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.086	152	67355	4000.000 ng/ml	# 0.00
Standard Area 1 = 64377			Recovery = 104.63%		
9) Naphthalene-d8	2.742	136	242518	4000.000 ng/ml	0.00
Standard Area 1 = 228424			Recovery = 106.17%		
17) Acenaphthene-d10	3.712	164	141910	4000.000 ng/ml	# 0.00
Standard Area 1 = 130768			Recovery = 108.52%		
21) Phenanthrene-d10	4.551	188	319504	4000.000 ng/ml	0.00
Standard Area 1 = 294202			Recovery = 108.60%		
30) Chrysene-d12	6.060	240	313162	4000.000 ng/ml	0.00
Standard Area 1 = 283237			Recovery = 110.57%		
34) Perylene-d12	7.138	264	324968	4000.000 ng/ml	0.00
Standard Area 1 = 290364			Recovery = 111.92%		
System Monitoring Compounds					
3) 2-Fluorophenol	1.502	112	45247	2477.925 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 49558.50%#		
4) Phenol-d6	1.911	99	53035	2340.200 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 46804.00%#		
8) Nitrobenzene-d5	2.364	82	38029	1829.015 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 73160.60%#		
14) 2-Fluorobiphenyl	3.339	172	91449	1647.019 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 65880.76%#		
20) 2,4,6-Tribromophenol	4.159	330	19055	2766.934 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 55338.68%#		
29) 4-Terphenyl-d14	5.464	244	131529	2222.561 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 88902.44%#		
Target Compounds					Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.	
23) Hexachlorobenzene	0.000		0	N.D. d	
31) Benzo[a]anthracene	0.000		0	N.D. d	
35) Benzo[b]fluoranthene	0.000		0	N.D. d	
36) Benzo[k]fluoranthene	0.000		0	N.D. d	
37) Benzo[a]pyrene	0.000		0	N.D. d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	
39) Dibenzo[a,h]anthracene	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200428\
Data File : 364978-1.D
Acq On : 28 Apr 2020 03:06 pm
Operator : SV128:als
Sample : wg1364978-1,32,,bnext,jjw
Misc : wg1365204,wg1364978,ical16613
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 01 09:04:02 2020
Quant Method : I:\8270SIM\SV128\200428\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200428\ccv0428.D
Sub List : Default - All compounds listed

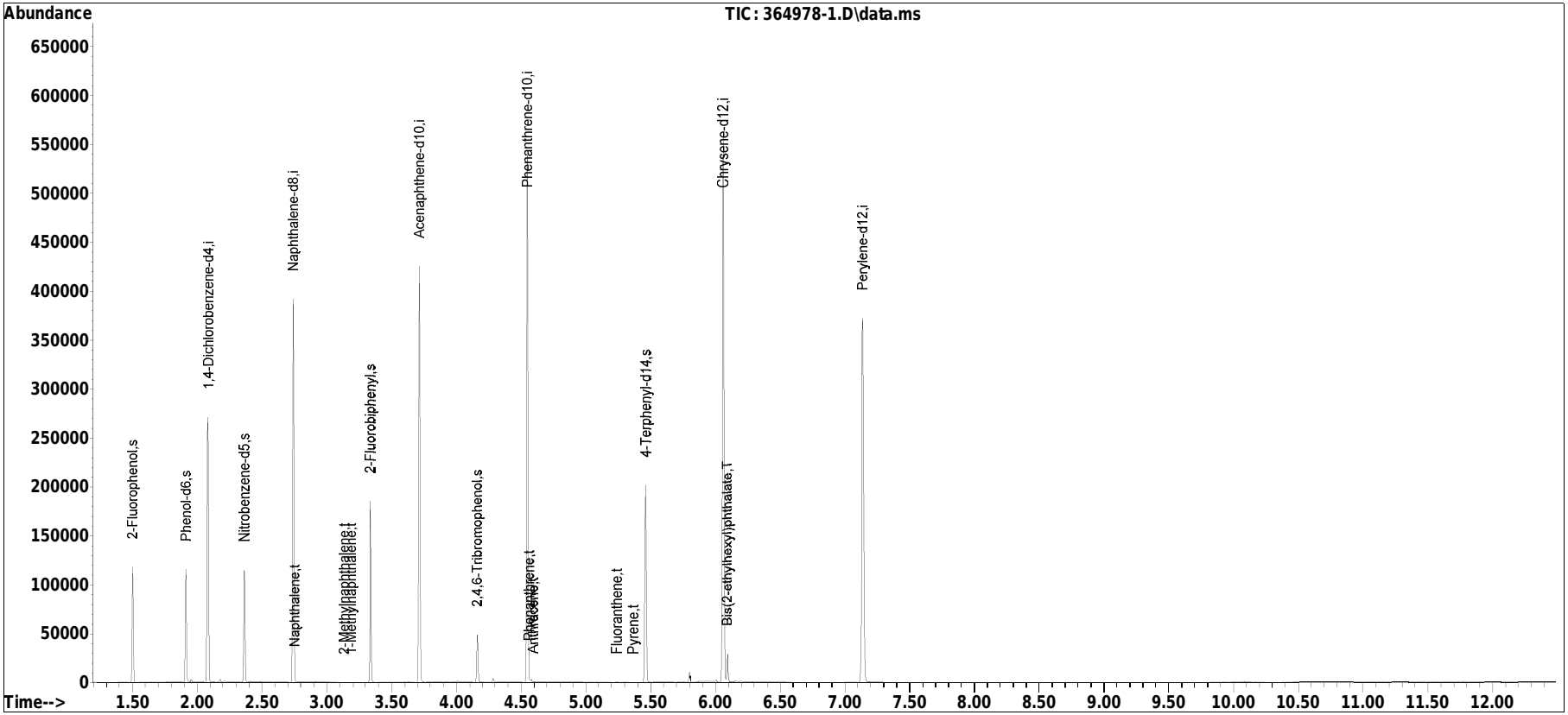
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200428\
Data File : 364978-1.D
Acq On : 28 Apr 2020 03:06 pm
Operator : SV128:als
Sample : wg1364978-1,32,,bnext,jjw
Misc : wg1365204,wg1364978,ical16613
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 01 09:04:02 2020
Quant Method : I:\8270SIM\SV128\200428\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

Sub List : Default - All compounds listedv0428.D•



Metals

Inorganic Data
(ICPMS Analysis)

Sample Results Summary

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 05/01/20 13:19
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1366398.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 04/28/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	0.8684	0.5000	0.1650	
7439-89-6	Iron, Total	1210	50.0	19.1	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 05/01/20 13:25
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1366398.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 04/28/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	0.7602	0.5000	0.1650	
7439-89-6	Iron, Total	1080	50.0	19.1	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 05/01/20 12:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1366398.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 04/28/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	1.556	0.5000	0.1650	
7439-89-6	Iron, Total	4460	50.0	19.1	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 05/01/20 13:30
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1366398.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 04/28/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	0.7739	0.5000	0.1650	
7439-89-6	Iron, Total	624.	50.0	19.1	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1365225-1	**Date Collected**	: NA
Client ID	: WG1365225-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/01/20 10:52
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1366398.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 04/28/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	ND	0.5000	0.1650	U
7439-89-6	Iron, Total	ND	50.0	19.1	U

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ2		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :	R1308924-2		R1308924-5		R1308924-7		R1308924-9		WG1365225-1	
Date Analyzed :	05/01/20 10:21		05/01/20 10:47		05/01/20 11:48		05/01/20 12:54		05/01/20 10:52	
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q
Arsenic	0.165	U	0.165	U	0.165	U	0.165	U	0.1650	U
Iron	19.1	U	19.9	J	19.1	U	19.1	U	19.1	U

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ2		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1308924-11							
Date Analyzed :			05/01/20 13:57							
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Arsenic			0.165	U						
Iron			19.1	U						

Calibration Summary

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ2	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1308924-1			R1308924-4			R1308924-6		R1308924-8	
Date Analyzed :	05/01/20 10:16			05/01/20 10:42			05/01/20 11:43		05/01/20 12:49	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic	50.0	52.4000	105	60.0000	59.0	98	58.6	98	54.8	91
Iron	5000	5290.0000	106	6000.0000	5840	97	5780	96	5710	95

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ2	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1308924-10						
Date Analyzed :				05/01/20 13:52						
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic				60.0000	58.7	98				
Iron				6000.0000	5890	98				

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

ICP Interference Check Sample Results Summary

Form 4a
Interference Check Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ2	**Concentration Units**	: ug/l

			Initial Found				Final Found			
Lab ID :			R1308924-3							
Analysis Date :			05/01/20 10:31							
Analyte	**Sol. A**	**Sol. AB**	**Sol. A**	**%R**	**Sol. AB**	**%R**	**Sol. A**	**%R**	**Sol. AB**	**%R**
Arsenic			0.137							
Iron	50000		48600	97						

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020

ICSA: 80-120%

ICSAB: 80-120%

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1365225-2	**LCS Analysis Date**	: 05/01/20 11:07
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ug/l)**	**Found (ug/l)**	**%R**	**True (ug/l)**	**Found (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Arsenic, Total	120.	128.	107.					80-120	20
Iron, Total	1000	1100	110.					80-120	20

Internal Standard Summary

Form 15
ICP-MS Internal Standards Relative Intensity Summary

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ2	**Analysis Method**	: 1,6020B
Start Date	: 05/01/20	**End Date**	: 05/01/20

Sample #	Time	Internal Standards %RI For:				
		Lithium	Scandium	Ge	In	Bismuth
R1308924-1 ICV	10:16:17	108	109	109	108	107
R1308924-2 ICB	10:21:25	102	102	103	100	101
R1308924-3 ICSA	10:31:45	112	123	121	112	104
R1308924-4 CCV	10:42:00	112	123	115	110	109
R1308924-5 CCB	10:47:10	103	102	106	102	102
WG1365225-1 BLANK	10:52:20	105	105	107	106	104
WG1365225-2 LCS	11:07:38	110	116	116	112	110
R1308924-6 CCV	11:43:23	120	136	121	112	111
R1308924-7 CCB	11:48:33	112	115	111	106	104
L2017383-03	12:28:49	103	119	122	113	108
R1308924-8 CCV	12:49:14	100	113	117	107	111
R1308924-9 CCB	12:54:23	92	92	107	102	104
L2017383-01	13:19:59	136	138	132	116	111
L2017383-02	13:25:06	134	140	136	120	116
L2017383-04	13:30:12	125	130	130	121	120
R1308924-10 CCV	13:52:48	119	130	128	119	121
R1308924-11 CCB	13:57:59	110	108	116	109	112

Run Logs

Form 13
Analysis Run Log

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ2	**Analysis Method**	: 1,6020B
Start Date	: 05/01/20 09:22	**End Date**	: 05/01/20 13:57

Sample Number	Dilution Factor	Analysis Time	Arsenic, Total	Iron, Total
R1308924-14 TUNE		09:22:00		
R1308924-1 ICV	1	10:16:17	X	X
R1308924-2 ICB	1	10:21:25	X	X
R1308924-3 ICSA	1	10:31:45	X	X
R1308924-4 CCV	1	10:42:00	X	X
R1308924-5 CCB	1	10:47:10	X	X
WG1365225-1 BLANK	1	10:52:20	X	X
WG1365225-2 LCS	5	11:07:38	X	X
R1308924-6 CCV	1	11:43:23	X	X
R1308924-7 CCB	1	11:48:33	X	X
L2017383-03	1	12:28:49	X	X
R1308924-8 CCV	1	12:49:14	X	X
R1308924-9 CCB	1	12:54:23	X	X
L2017383-01	1	13:19:59	X	X
L2017383-02	1	13:25:06	X	X
L2017383-04	1	13:30:12	X	X
R1308924-10 CCV	1	13:52:48	X	X
R1308924-11 CCB	1	13:57:59	X	X

Digestion Logs
ICPMS

Form 12
Preparation Log

Client	:	**Lisko Environmental, LLC**	**Lab Number**	:	**L2017383**
Project Name	:	**PISTOIA TIRE CO INC.**	**Project Number**	:	**0064-4**
Matrix	:	**WATER**	**Prep Method**	:	**EPA 3005A**

Sample Number	Preparation Date	Weight (gram)	Volume (mL)
L2017383-01	04/28/20 11:37	-	50
L2017383-02	04/28/20 11:37	-	50
L2017383-03	04/28/20 11:37	-	50
L2017383-04	04/28/20 11:37	-	50
WG1365225-1	04/28/20 11:37	-	50
WG1365225-2	04/28/20 11:37	-	50

Wet Chemistry

Sulfate Analysis

Results Summary

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/29/20 08:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: MV
Lab File ID	: WG1365476.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 04/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	10000	1400	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/29/20 08:56
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,9038	**Analyst**	: MV
Lab File ID	: WG1365476.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 04/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	20000	2700	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/29/20 08:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: MV
Lab File ID	: WG1365476.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 04/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	10000	1400	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/29/20 08:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: MV
Lab File ID	: WG1365476.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 04/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	14000	10000	1400	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1365476-1	**Date Collected**	: NA
Client ID	: WG1365476-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/29/20 08:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: MV
Lab File ID	: WG1365476.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 04/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	10000	1400	U

Calibration Summary

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SPEC 2	**Units**	: mg/l

		Initial Calibration			Continuing Calibration(s)						
Lab ID	:	R1308056-2			R1308056-3						
Date Analyzed	:	04/29/20 08:56			04/29/20 08:56						
Parameter		**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Sulfate		20.000	18.900	94	20.000	18.600	93				

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SPEC 2		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:	R1308056-1		R1308056-4						WG1365476-1	
Date Analyzed	:	04/29/20 08:56		04/29/20 08:56						04/29/20 08:56	
Parameter		mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q	ug/l	Q
Sulfate		1.37	U	1.37	U					1400	U

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1365476-2	**LCS Analysis Date**	: 04/29/20 08:56
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
	True	Found	%R	True	Found	%R	RPD	Recovery	RPD
Parameter	(ug/l)	(ug/l)		(ug/l)	(ug/l)			Limits	Limit
Sulfate	20000	19000	95.					90-110	14

Nitrate and Nitrite Analysis

Results Summary

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:18
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	39.6	50.0	13.2	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:24
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	40.4	50.0	13.2	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	50.4	50.0	13.2	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	ND	50.0	13.2	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1365086-1	**Date Collected**	: NA
Client ID	: WG1365086-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/28/20 06:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	ND	50.0	13.2	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1365086-3	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1DUP	**Date Received**	: 04/27/20
Sample Location	:	**Date Analyzed**	: 04/28/20 07:22
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	ND	50.0	13.2	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:18
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	383.	100	22.8	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:24
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	308.	100	22.8	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	544.	100	22.8	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	44.8	100	22.8	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1365085-1	**Date Collected**	: NA
Client ID	: WG1365085-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/28/20 06:12
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	ND	100	22.8	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1365085-3	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1DUP	**Date Received**	: 04/27/20
Sample Location	:	**Date Analyzed**	: 04/28/20 07:19
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	344.	100	22.8	

Calibration Summary

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT	**Units**	: mg/l

		Initial Calibration			Continuing Calibration(s)						
Lab ID	:	R1307645-5			R1307645-10			R1307645-16		R1307645-19	
Date Analyzed	:	04/28/20 06:04			04/28/20 06:19			04/28/20 06:55		04/28/20 07:28	
Parameter		**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
No2		5.000	5.000	100	1.000	1.030	103	1.020	102	1.020	102

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT	**Units**	: mg/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1307645-22						
Date Analyzed :				04/28/20 07:45						
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
No2				1.000	1.030	103				

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT	**Units**	: mg/l

		Initial Calibration			Continuing Calibration(s)						
Lab ID	:	R1307645-6			R1307645-9			R1307645-15		R1307645-18	
Date Analyzed	:	04/28/20 06:05			04/28/20 06:17			04/28/20 06:53		04/28/20 07:27	
Parameter		**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
No3		0.500	0.498	100	1.000	0.949	95	0.946	95	0.969	97

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT	**Units**	: mg/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1307645-21						
Date Analyzed :				04/28/20 07:44						
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
No3				1.000	0.916	92				

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT4		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :	R1307645-8		R1307645-11		R1307645-17		R1307645-20		WG1365086-1	
Date Analyzed :	04/28/20 06:08		04/28/20 06:20		04/28/20 06:56		04/28/20 07:30		04/28/20 06:15	
Parameter	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q	ug/l	Q
Nitrogen, Nitrite									13.2	U
NO2	0.00593		0.00556		0.00534		0.00497			
NO3	ND		0.00750		ND		ND			

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT4		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1307645-23							
Date Analyzed :			04/28/20 07:46							
Parameter	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q		Q
NO2			0.0105							
NO3			ND							

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT4		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:	R1307645-8		R1307645-11		R1307645-17		R1307645-20		WG1365085-1	
Date Analyzed	:	04/28/20 06:08		04/28/20 06:20		04/28/20 06:56		04/28/20 07:30		04/28/20 06:12	
Parameter		mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q	ug/l	Q
Nitrogen, Nitrate										22.8	U
NO2		0.00593		0.00556		0.00534		0.00497			
NO3		ND		0.00750		ND		ND			

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT4		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1307645-23							
Date Analyzed :			04/28/20 07:46							
Parameter	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q		Q
NO2			0.0105							
NO3			ND							

Spike Sample Results

Form 5a
Matrix Spike

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: MW-1	**Matrix**	: WATER
Lab Sample ID	: L2017383-01		
Matrix Spike	: WG1365086-4	**MS Analysis Date**	: 04/28/20 07:23
Matrix Spike Dup	:	**MSD Analysis Date**	:

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	**Sample Conc. (ug/l)**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Nitrogen, Nitrite	**39.6J**	**4000**	**4090**	**102**					**80-120**	**20**

Form 5a
Matrix Spike

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: MW-1	**Matrix**	: WATER
Lab Sample ID	: L2017383-01		
Matrix Spike	: WG1365085-4	**MS Analysis Date**	: 04/28/20 07:20
Matrix Spike Dup	:	**MSD Analysis Date**	:

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	**Sample Conc. (ug/l)**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Nitrogen, Nitrate	**383.**	**4000**	**4160**	**94**					**83-113**	**17**

Duplicate Sample Results Summary

Form 6
Lab Duplicates

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: MW-1	**Matrix**	: WATER
Lab Sample ID	: L2017383-01	**Analysis Date**	: 04/28/20 07:18
Dup Sample ID	: WG1365086-3	**DUP Analysis Date**	: 04/28/20 07:22

Parameter	Sample Concentration (ug/l)	Duplicate Concentration (ug/l)	RPD	RPD Limit
Nitrogen, Nitrite	39.6J	ND	NC	20

Form 6
Lab Duplicates

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: MW-1	**Matrix**	: WATER
Lab Sample ID	: L2017383-01	**Analysis Date**	: 04/28/20 07:18
Dup Sample ID	: WG1365085-3	**DUP Analysis Date**	: 04/28/20 07:19

Parameter	Sample Concentration (ug/l)	Duplicate Concentration (ug/l)	RPD	RPD Limit
Nitrogen, Nitrate	383.	344.	11	17

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1365086-2	**LCS Analysis Date**	: 04/28/20 06:16
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
	True	Found	%R	True	Found	%R	RPD	Recovery	RPD
Parameter	(ug/l)	(ug/l)		(ug/l)	(ug/l)			Limits	Limit
Nitrogen, Nitrite	5000	4960	99.					90-110	20

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1365085-2	**LCS Analysis Date**	: 04/28/20 06:13
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
	True	Found	%R	True	Found	%R	RPD	Recovery	RPD
Parameter	(ug/l)	(ug/l)		(ug/l)	(ug/l)			Limits	Limit
Nitrogen, Nitrate	5000	4880	98.					90-110	17

Alkalinity Analysis

Results Summary

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 01:23
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MAC
Lab File ID	: wg1366305.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	69500	2000	NA	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 01:23
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MAC
Lab File ID	: wg1366305.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	99600	2000	NA	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 01:23
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MAC
Lab File ID	: wg1366305.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	79600	2000	NA	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 01:23
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MAC
Lab File ID	: wg1366305.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	42900	2000	NA	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1366305-1	**Date Collected**	: NA
Client ID	: WG1366305-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/30/20 01:23
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MAC
Lab File ID	: wg1366305.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	ND	2000	NA	U

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	:		

		Initial Calibration Blank	Continuing Calibration Blank(s)			Preparation Blank
Lab ID	:					WG1366305-1
Date Analyzed	:					04/30/20 01:23
Parameter		ug caco3/l Q	ug caco3/l Q	ug caco3/l Q	ug caco3/l Q	ug caco3/l Q
Alkalinity, Total						2000 U

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1366305-2	**LCS Analysis Date**	: 04/30/20 01:23
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
	True	Found	%R	True	Found	%R	RPD	Recovery	RPD
Parameter	(ug CaCO3/L)	(ug CaCO3/L)		(ug CaCO3/L)	(ug CaCO3/L)			Limits	Limit
Alkalinity, Total	100000	106000	106.					90-110	10

ALPHA ANALYTICAL

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Lab Number: L2017383

Client: Lisko Environmental, LLC

ATTN: Jonathan Lisko

Project Name: PISTOIA TIRE CO INC.

Project Number: 0064-4

ANALYTICAL DATA PACKAGE FOR THE
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON NEW JERSEY 08625

Agency/Division:	**Bureau/Office:**
Project No: 0064-4	**Contract No:**
Laboratory: Alpha Analytical	**Laboratory Location:** Westborough, Ma.
	Laboratory Phone Number: (508) 898-9220
SDG No: L2017383	**NJDEP Certification #:** MA015/MA935
Date of First Sample Receipt: 04/27/2020	**Date of Last Sample Receipt:** 04/27/2020

Agency Sample Number	Laboratory Sample Number	Sample Location	Date/Time of Collection
MW-1	L2017383-01	PISTOIA TIRE CO INC.	04/27/2020 08:56
MW-2	L2017383-02	PISTOIA TIRE CO INC.	04/27/2020 09:51
MW-3	L2017383-03	PISTOIA TIRE CO INC.	04/27/2020 11:41
MW-4	L2017383-04	PISTOIA TIRE CO INC.	04/27/2020 10:46
FIELD BLANK	L2017383-05	PISTOIA TIRE CO INC.	04/27/2020 08:00
TRIP BLANK	L2017383-06	PISTOIA TIRE CO INC.	04/24/2020 00:00

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on disk or electronically has been authorized by the laboratory director or his/her designee, as verified by the following signature.

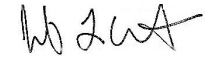
Technical Director/Representative (Typed)	Jen Clements	05/04/20
Technical Director/Representative (Signature)		

Table of Contents

Table of Contents

Table of Contents

Chain of Custody

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL LABORATORIES

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 4/28/20

ALPHA Job #: L2017383

Client Information
Client: Lisko Environmental, LLC
Address: 1300 Main St, PO Box 083
Belmar, NJ 07719
Phone:
Fax:
Email: Khalil@liskoenv.com

Project Information
Project Name: Pistola Tire Co
Project Location: 6380 Black Horse Pike, Mays Landing, NJ
Project #
(Use Project name as Project #) ☐
Project Manager: Khalil Abbaszadeh
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Deliverables
☑ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☑ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information
☐

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC+15	BN+15	Alkalinity	NO2	NO3	SO4	Fe, As	Sample Specific Comments	Total Bottles
17383-01	MW-1	4/27/20	856	GW	MS	X	X	X	X	X	X	X		8
-02	MW-2	4/27/20	951	GW	MS	X	X	X	X	X	X	X		8
-03	MW-3	4/27/20	1141	GW	MS	X	X	X	X	X	X	X		8
-04	MW-4	4/27/20	1046	GW	MS	X	X	X	X	X	X	X		8
-05	Field Blank	4/27/20	800	FB	MS	X								3
-06	Trip Blank	4/24/20	1150	TB	lab	X								2

Container Type: V A P P P P P
Preservative: B A A A A A C

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	4/27/20		4-27-20 1750
	1800		4-27-20 1800
	4-27-20 1930		4/27/20 2130
	4/28/20 0140		4/28/20 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-14 (rev. 30-Sept-2013)

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
May 04 2020, 03:06 pm

Login Number: L2017383
Account: LISKOENV Lisko Environmental, LLCProject: 0064-4
Received: 27APR20 Due Date: 04MAY20

Sample #	Client ID	Mat	PR	Collected
L2017383-01	MW-1	S	0	27APR20 08:56
| NJ-RED Package Due Date: 05/04/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NJ-RED,NJDEP,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2017383-02	MW-2	S	0	27APR20 09:51
| Package Due Date: 05/04/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2017383-03	MW-3	S	0	27APR20 11:41
| Package Due Date: 05/04/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2017383-04	MW-4	S	0	27APR20 10:46
| Package Due Date: 05/04/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2017383-05	FIELD BLANK	S	0	27APR20 08:00
| Package Due Date: 05/04/20				
NJ-8260				
L2017383-06	TRIP BLANK	S	0	24APR20 00:00
| Package Due Date: 05/04/20				

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
May 04 2020, 03:06 pm

Login Number: L2017383

Account: LISKOENV Lisko Environmental, LLCProject: 0064-4

Received: 27APR20 Due Date: 04MAY20

Sample #	Client ID	Mat	PR	Collected

NJ-8260

Logged By: Nadine Yakes

ALPHA ANALYTICAL LABORATORIES
Container Tracking Report

Container ID	Type	Status	Transaction Date	From Response	From Location	From Operator	To Response	To Location	To Operator
L2017383-01A	Vial-B	INTACT	01-MAY-20	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L2017383-01A	Vial-B	INTACT	30-APR-20	CUSTODY	V56-16 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L2017383-01A	Vial-B	INTACT	28-APR-20	CUSTODY	V65-14 CUSTODY	Geoffry Grace	V56-16 CUSTODY	V56-16 CUSTODY	Geoffry Grace
L2017383-01A	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-14 CUSTODY	V65-14 CUSTODY	Geoffry Grace
L2017383-01A	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-01B	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Richard Scott	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Richard Scott
L2017383-01B	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-01C	Vial-B	INTACT	30-APR-20	CUSTODY	V65-18 CUSTODY	Geoffry Grace	V65-26 CUSTODY	V65-26 CUSTODY	Geoffry Grace
L2017383-01C	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-18 CUSTODY	V65-18 CUSTODY	Geoffry Grace
L2017383-01C	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-01D	Plastic-NH.25	INTACT	30-APR-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W15-S5-A CUSTODY	W15-S5-A CUSTODY	Phillip Renaud
L2017383-01D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	WETCHEM	Matthew Cormier	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Matthew Cormier
L2017383-01D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	W13-S5-D CUSTODY	Matthew Cormier	WETCHEM	WETCHEM	Matthew Cormier
L2017383-01D	Plastic-NH.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W13-S5-D CUSTODY	W13-S5-D CUSTODY	Geoffry Grace
L2017383-01D	Plastic-NH.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-01E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Geoffry Grace	W13-S5-A CUSTODY	W13-S5-A CUSTODY	Geoffry Grace
L2017383-01E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	WETCHEM	Mitchell Vonachen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Mitchell Vonachen
L2017383-01E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	W13-S4-D CUSTODY	Mitchell Vonachen	WETCHEM	WETCHEM	Mitchell Vonachen
L2017383-01E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W13-S4-D CUSTODY	W13-S4-D CUSTODY	Sam Bardsley
L2017383-01E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	WETCHEM	Deb Whelan	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Deb Whelan
L2017383-01E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2017383-01E	Plastic-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-01F	Plastic-C.25	INTACT	28-APR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Owen Leeser	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Owen Leeser
L2017383-01F	Plastic-C.25	INTACT	28-APR-20	CUSTODY	A2-CUSTODY	Owen Leeser	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Owen Leeser
L2017383-01F	Plastic-C.25	INTACT	28-APR-20	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Theodore Huddleson

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2017383-01F	Plastic-C.25	INTACT	28-APR-20	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFI	
L2017383-01F	Plastic-C.25	INTACT	28-APR-20		CUSTODY	Wendy Morency	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Moren
L2017383-01F	Plastic-C.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-01G	Amber-A.25	EMPTY	28-APR-20		ORGPREP	William Fleckenstein	CUSTODY	CUSTODY	William Fleckenstein
L2017383-01G	Amber-A.25	INTACT	28-APR-20		W25-S2-B CUSTODY	Michael Plante	ORGPREP	ORGPREP	Michael Plante
L2017383-01G	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-01G	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-01H	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-01H	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02A	Vial-B	INTACT	01-MAY-20	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L2017383-02A	Vial-B	INTACT	30-APR-20	CUSTODY	V56-16 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L2017383-02A	Vial-B	INTACT	28-APR-20	CUSTODY	V65-14 CUSTODY	Geoffry Grace	V56-16 CUSTODY	V56-16 CUSTODY	Geoffry Grace
L2017383-02A	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-14 CUSTODY	V65-14 CUSTODY	Geoffry Grace
L2017383-02A	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02B	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Richard Scott	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Richard Scott
L2017383-02B	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02C	Vial-B	INTACT	30-APR-20	CUSTODY	V65-18 CUSTODY	Geoffry Grace	V65-26 CUSTODY	V65-26 CUSTODY	Geoffry Grace
L2017383-02C	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-18 CUSTODY	V65-18 CUSTODY	Geoffry Grace
L2017383-02C	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02D	Plastic-NH.25	INTACT	30-APR-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W15-S5-A CUSTODY	W15-S5-A CUSTODY	Phillip Renaud
L2017383-02D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	WETCHEM	Matthew Cormier	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Matthew Cormier
L2017383-02D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	W13-S5-D CUSTODY	Matthew Cormier	WETCHEM	WETCHEM	Matthew Cormier
L2017383-02D	Plastic-NH.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W13-S5-D CUSTODY	W13-S5-D CUSTODY	Geoffry Grace
L2017383-02D	Plastic-NH.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Geoffry Grace	W13-S5-A CUSTODY	W13-S5-A CUSTODY	Geoffry Grace

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2017383-02E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	WETCHEM	Mitchell Vonachen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Mitchell Vonachen
L2017383-02E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	W13-S4-D CUSTODY	Mitchell Vonachen	WETCHEM	WETCHEM	Mitchell Vonachen
L2017383-02E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W13-S4-D CUSTODY	W13-S4-D CUSTODY	Sam Bardsley
L2017383-02E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	WETCHEM	Deb Whelan	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Deb Whelan
L2017383-02E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2017383-02E	Plastic-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02F	Plastic-C.25	INTACT	28-APR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Owen Leeser	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Owen Leeser
L2017383-02F	Plastic-C.25	INTACT	28-APR-20	CUSTODY	A2-CUSTODY	Owen Leeser	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Owen Leeser
L2017383-02F	Plastic-C.25	INTACT	28-APR-20	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Theodore Huddleson
L2017383-02F	Plastic-C.25	INTACT	28-APR-20	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFI	
L2017383-02F	Plastic-C.25	INTACT	28-APR-20		CUSTODY	Wendy Morency	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Moren
L2017383-02F	Plastic-C.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02G	Amber-A.25	EMPTY	28-APR-20		ORGPREP	William Fleckenstein	CUSTODY	CUSTODY	William Fleckenstein
L2017383-02G	Amber-A.25	INTACT	28-APR-20		W25-S2-B CUSTODY	Michael Plante	ORGPREP	ORGPREP	Michael Plante
L2017383-02G	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-02G	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-02H	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-02H	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-03A	Vial-B	INTACT	01-MAY-20	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L2017383-03A	Vial-B	INTACT	30-APR-20	CUSTODY	V56-16 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L2017383-03A	Vial-B	INTACT	28-APR-20	CUSTODY	V65-14 CUSTODY	Geoffry Grace	V56-16 CUSTODY	V56-16 CUSTODY	Geoffry Grace
L2017383-03A	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-14 CUSTODY	V65-14 CUSTODY	Geoffry Grace
L2017383-03A	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-03B	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Richard Scott	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Richard Scott
L2017383-03B	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2017383-03C	Vial-B	INTACT	30-APR-20	CUSTODY	V65-18 CUSTODY	Geoffry Grace	V65-26 CUSTODY	V65-26 CUSTODY	Geoffry Grace
L2017383-03C	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-18 CUSTODY	V65-18 CUSTODY	Geoffry Grace
L2017383-03C	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-03D	Plastic-NH.25	INTACT	30-APR-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W15-S5-A CUSTODY	W15-S5-A CUSTODY	Phillip Renaud
L2017383-03D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	WETCHEM	Matthew Cormier	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Matthew Cormier
L2017383-03D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	W13-S5-D CUSTODY	Matthew Cormier	WETCHEM	WETCHEM	Matthew Cormier
L2017383-03D	Plastic-NH.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W13-S5-D CUSTODY	W13-S5-D CUSTODY	Geoffry Grace
L2017383-03D	Plastic-NH.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-03E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Geoffry Grace	W13-S5-A CUSTODY	W13-S5-A CUSTODY	Geoffry Grace
L2017383-03E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	WETCHEM	Mitchell Vonachen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Mitchell Vonachen
L2017383-03E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	W13-S4-D CUSTODY	Mitchell Vonachen	WETCHEM	WETCHEM	Mitchell Vonachen
L2017383-03E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W13-S4-D CUSTODY	W13-S4-D CUSTODY	Sam Bardsley
L2017383-03E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	WETCHEM	Deb Whelan	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Deb Whelan
L2017383-03E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2017383-03E	Plastic-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-03F	Plastic-C.25	INTACT	28-APR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Owen Leeser	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Owen Leeser
L2017383-03F	Plastic-C.25	INTACT	28-APR-20	CUSTODY	A2-CUSTODY	Owen Leeser	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Owen Leeser
L2017383-03F	Plastic-C.25	INTACT	28-APR-20	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Theodore Huddleson
L2017383-03F	Plastic-C.25	INTACT	28-APR-20	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFI	
L2017383-03F	Plastic-C.25	INTACT	28-APR-20		CUSTODY	Wendy Morency	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Moren
L2017383-03F	Plastic-C.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-03G	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-03G	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-03H	Amber-A.25	EMPTY	28-APR-20		ORGPREP	William Fleckenstein	CUSTODY	CUSTODY	William Fleckenstein
L2017383-03H	Amber-A.25	INTACT	28-APR-20		W25-S2-B CUSTODY	Michael Plante	ORGPREP	ORGPREP	Michael Plante

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2017383-03H	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-03H	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04A	Vial-B	INTACT	01-MAY-20	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L2017383-04A	Vial-B	INTACT	30-APR-20	CUSTODY	V56-16 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L2017383-04A	Vial-B	INTACT	28-APR-20	CUSTODY	V65-14 CUSTODY	Geoffry Grace	V56-16 CUSTODY	V56-16 CUSTODY	Geoffry Grace
L2017383-04A	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-14 CUSTODY	V65-14 CUSTODY	Geoffry Grace
L2017383-04A	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04B	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Richard Scott	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Richard Scott
L2017383-04B	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04C	Vial-B	INTACT	30-APR-20	CUSTODY	V65-18 CUSTODY	Geoffry Grace	V65-26 CUSTODY	V65-26 CUSTODY	Geoffry Grace
L2017383-04C	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-18 CUSTODY	V65-18 CUSTODY	Geoffry Grace
L2017383-04C	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04D	Plastic-NH.25	INTACT	30-APR-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W15-S5-A CUSTODY	W15-S5-A CUSTODY	Phillip Renaud
L2017383-04D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	WETCHEM	Matthew Cormier	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Matthew Cormier
L2017383-04D	Plastic-NH.25	INTACT	30-APR-20	CUSTODY	W13-S5-D CUSTODY	Matthew Cormier	WETCHEM	WETCHEM	Matthew Cormier
L2017383-04D	Plastic-NH.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W13-S5-D CUSTODY	W13-S5-D CUSTODY	Geoffry Grace
L2017383-04D	Plastic-NH.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Geoffry Grace	W13-S5-A CUSTODY	W13-S5-A CUSTODY	Geoffry Grace
L2017383-04E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	WETCHEM	Mitchell Vonachen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Mitchell Vonachen
L2017383-04E	Plastic-A.25	INTACT	29-APR-20	CUSTODY	W13-S4-D CUSTODY	Mitchell Vonachen	WETCHEM	WETCHEM	Mitchell Vonachen
L2017383-04E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W13-S4-D CUSTODY	W13-S4-D CUSTODY	Sam Bardsley
L2017383-04E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	WETCHEM	Deb Whelan	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Deb Whelan
L2017383-04E	Plastic-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2017383-04E	Plastic-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04F	Plastic-C.25	INTACT	28-APR-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Owen Leeser	A2-METALS DEAD CUSTODY	A2-METALS DEAD CUSTODY	Owen Leeser

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2017383-04F	Plastic-C.25	INTACT	28-APR-20	CUSTODY	A2-CUSTODY	Owen Leeser	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Owen Leeser
L2017383-04F	Plastic-C.25	INTACT	28-APR-20	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Theodore Huddleson
L2017383-04F	Plastic-C.25	INTACT	28-APR-20	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER21-TRANSFER_TO_MANSFI	
L2017383-04F	Plastic-C.25	INTACT	28-APR-20		CUSTODY	Wendy Morency	COOLER21-TRANSFER_TO_MANSFIELD	COOLER21-TRANSFER_TO_MANSFIELD	Wendy Moren
L2017383-04F	Plastic-C.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04G	Amber-A.25	EMPTY	28-APR-20		ORGPREP	William Fleckenstein	CUSTODY	CUSTODY	William Fleckenstein
L2017383-04G	Amber-A.25	INTACT	28-APR-20		W25-S2-B CUSTODY	Michael Plante	ORGPREP	ORGPREP	Michael Plante
L2017383-04G	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-04G	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-04H	Amber-A.25	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	W25-S2-B CUSTODY	W25-S2-B CUSTODY	Geoffry Grace
L2017383-04H	Amber-A.25	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-05A	Vial-B	INTACT	01-MAY-20	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L2017383-05A	Vial-B	INTACT	30-APR-20	CUSTODY	V56-16 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L2017383-05A	Vial-B	INTACT	28-APR-20	CUSTODY	V65-14 CUSTODY	Geoffry Grace	V56-16 CUSTODY	V56-16 CUSTODY	Geoffry Grace
L2017383-05A	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-14 CUSTODY	V65-14 CUSTODY	Geoffry Grace
L2017383-05A	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-05B	Vial-B	INTACT	30-APR-20	CUSTODY	V65-18 CUSTODY	Geoffry Grace	V65-26 CUSTODY	V65-26 CUSTODY	Geoffry Grace
L2017383-05B	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-18 CUSTODY	V65-18 CUSTODY	Geoffry Grace
L2017383-05B	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-05C	Vial-B	INTACT	30-APR-20	CUSTODY	V65-18 CUSTODY	Geoffry Grace	V65-26 CUSTODY	V65-26 CUSTODY	Geoffry Grace
L2017383-05C	Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-18 CUSTODY	V65-18 CUSTODY	Geoffry Grace
L2017383-05C	Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-06A	Vial-B	INTACT	01-MAY-20	CUSTODY	GC/MS	Todd Bahosh	VOA DEAD FRIDGE CUSTODY	VOA DEAD FRIDGE CUSTODY	Todd Bahosh
L2017383-06A	Vial-B	INTACT	30-APR-20	CUSTODY	V56-16 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L2017383-06A	Vial-B	INTACT	28-APR-20	CUSTODY	V65-14 CUSTODY	Geoffry Grace	V56-16 CUSTODY	V56-16 CUSTODY	Geoffry Grace

Container ID Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2017383-06A Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-14 CUSTODY	V65-14 CUSTODY	Geoffry Grace
L2017383-06A Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman
L2017383-06B Vial-B	INTACT	30-APR-20	CUSTODY	V65-18 CUSTODY	Geoffry Grace	V65-26 CUSTODY	V65-26 CUSTODY	Geoffry Grace
L2017383-06B Vial-B	INTACT	28-APR-20	CUSTODY	CUSTODY	Geoffry Grace	V65-18 CUSTODY	V65-18 CUSTODY	Geoffry Grace
L2017383-06B Vial-B	INTACT	28-APR-20	LOGIN	LOGIN	Sharon Hoffman	CUSTODY	CUSTODY	Sharon Hoffman

Methodology Review

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Laboratory Chronicle

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2017383-01A	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-01B	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-01C	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-01D	Plastic 250ml unpreserved/No Headspace	A	NA		5.3	Y	Absent		ALK-T-2320-PPB(14)
L2017383-01E	Plastic 250ml unpreserved	A	6	6	5.3	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2017383-01F	Plastic 250ml HNO3 preserved	A	<2	<2	5.3	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2017383-01G	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-01H	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-02A	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-02B	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-02C	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-02D	Plastic 250ml unpreserved/No Headspace	A	NA		5.3	Y	Absent		ALK-T-2320-PPB(14)
L2017383-02E	Plastic 250ml unpreserved	A	6	6	5.3	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2017383-02F	Plastic 250ml HNO3 preserved	A	<2	<2	5.3	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2017383-02G	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-02H	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-03A	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-03B	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-03C	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-03D	Plastic 250ml unpreserved/No Headspace	A	NA		5.3	Y	Absent		ALK-T-2320-PPB(14)
L2017383-03E	Plastic 250ml unpreserved	A	6	6	5.3	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2017383-03F	Plastic 250ml HNO3 preserved	A	<2	<2	5.3	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2017383-03G	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-03H	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-04A	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-04B	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-04C	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-04D	Plastic 250ml unpreserved/No Headspace	A	NA		5.3	Y	Absent		ALK-T-2320-PPB(14)
L2017383-04E	Plastic 250ml unpreserved	A	6	6	5.3	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2017383-04F	Plastic 250ml HNO3 preserved	A	<2	<2	5.3	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2017383-04G	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-04H	Amber 250ml unpreserved	A	6	6	5.3	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2017383-05A	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-05B	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-05C	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-06A	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)
L2017383-06B	Vial HCl preserved	A	NA		5.3	Y	Absent		NJ-8260(14)

*Values in parentheses indicate holding time in days

NJ DEP
Data of Known Quality Protocols Conformance/Non-Conformance Summary Questionnaire

NJ DEP Data of Known Quality Protocols
Conformance/Non-Conformance
Summary Questionnaire

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	YES
1a	Were the method specified handling, preservation, and holding time requirements met?	YES
1b	EPH Method: Was the EPH Method conducted without significant modifications (see Section 11.3 of respective DKQ methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (4 ± 2° C)?	YES
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	NO
5a	Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?	YES
5b	Were these reporting limits met?	NO
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	YES
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	NO

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1a or #1b is "No", the data package does not meet the requirements for "Data of Known Quality".

Conformance/Non-Conformance Summary

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

DKQP Related Narratives

Volatile Organics

In reference to question 5b:

L2017383-01 through -06: One or more of the target analytes did not achieve the requested regulatory limits.

In reference to question 4:

WG1366107-3 /-4: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Please refer to the QC section of the report for specific details.

Semivolatile Organics

In reference to question 4:

WG1364962-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable. Please refer to the QC section of the report for specific details.

Semivolatile Organics by SIM

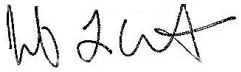
In reference to question 4:

WG1364978-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable. Please refer to the QC section of the report for specific details.

Sulfate

L2017383-02: The sample has an elevated detection limit due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Report Date: 05/04/20

Title: Technical Director/Representative

Glossary

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Organics

GC/MS 8260
Analysis

Sample Results Summary

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 11:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A10	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 11:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A10	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	0.20	0.50	0.19	J
540-59-0	1,2-Dichloroethene, Total	0.20	0.50	0.16	J
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 11:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A10	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 11:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A10	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A11	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A11	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A11	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A11	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A12	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A12	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A12	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A12	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A13	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A13	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A13	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A13	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-05	**Date Collected**	: 04/27/20 08:00
Client ID	: FIELD BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:20
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A14	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-05	**Date Collected**	: 04/27/20 08:00
Client ID	: FIELD BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:20
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A14	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-05	**Date Collected**	: 04/27/20 08:00
Client ID	: FIELD BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:20
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A14	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-05	**Date Collected**	: 04/27/20 08:00
Client ID	: FIELD BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:20
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: NLK
Lab File ID	: V22200430A14	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-06	**Date Collected**	: 04/24/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:45
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AJK
Lab File ID	: V22200430A15	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-06	**Date Collected**	: 04/24/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:45
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AJK
Lab File ID	: V22200430A15	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-06	**Date Collected**	: 04/24/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:45
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AJK
Lab File ID	: V22200430A15	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-06	**Date Collected**	: 04/24/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:45
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: AJK
Lab File ID	: V22200430A15	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1366107-5	**Date Collected**	: NA
Client ID	: WG1366107-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/30/20 09:40
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V22200430A05	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U
74-87-3	Chloromethane	ND	2.5	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L2017383
Project Name	: PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: WG1366107-5	Date Collected	: NA
Client ID	: WG1366107-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/30/20 09:40
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: V22200430A05	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1366107-5	**Date Collected**	: NA
Client ID	: WG1366107-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/30/20 09:40
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V22200430A05	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1366107-5	**Date Collected**	: NA
Client ID	: WG1366107-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/30/20 09:40
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: PD
Lab File ID	: V22200430A05	**Instrument ID**	: VOA122
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: VOA122	**Analysis Date**	: 04/06/20 20:15
Tune Standard	: WG1359012-1	**Tune File ID**	: V22200406NBF4_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	18.3
75	30.0 - 60.0% of mass 95	44.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.4 (.4)1
174	Greater than 50.0 of mass 95	83.6
175	5.0 - 9.0% of mass 174	5.8 (7)1
176	95.0 - 101% of mass 174	79.9 (95.6)1
177	5.0 - 9.0% of mass 176	5.5 (6.9)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.15PPB	R1301889-1	V22200406N05	04/06/20 22:12
STD0.5PPB	R1301889-2	V22200406N08	04/06/20 23:26
STD2.0PPB	R1301889-3	V22200406N10	04/07/20 00:16
STD10PPB	R1301889-4	V22200406N11	04/07/20 00:40
STD30PPB	R1301889-5	V22200406N12	04/07/20 01:05
STD80PPB	R1301889-6	V22200406N13	04/07/20 01:30
STD120PPB	R1301889-7	V22200406N14	04/07/20 01:55
STD200PPB	R1301889-8	V22200406N15	04/07/20 02:19
ICV Quant Report	R1301889-9	V22200406N22	04/07/20 05:12

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: VOA122	**Analysis Date**	: 04/30/20 07:55
Tune Standard	: WG1366107-1	**Tune File ID**	: V22200430ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	20.2
75	30.0 - 60.0% of mass 95	42.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0 of mass 95	88.1
175	5.0 - 9.0% of mass 174	6.5 (7.4)1
176	95.0 - 101% of mass 174	85.9 (97.5)1
177	5.0 - 9.0% of mass 176	5.8 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1366107-2CCAL	WG1366107-2	V22200430A01	04/30/20 08:02
WG1366107-3LCS	WG1366107-3	V22200430A01	04/30/20 08:02
WG1366107-4LCSD	WG1366107-4	V22200430A02	04/30/20 08:27
WG1366107-5BLANK	WG1366107-5	V22200430A05	04/30/20 09:40
MW-1	L2017383-01	V22200430A10	04/30/20 11:42
MW-2	L2017383-02	V22200430A11	04/30/20 12:06
MW-3	L2017383-03	V22200430A12	04/30/20 12:31
MW-4	L2017383-04	V22200430A13	04/30/20 12:56
FIELD BLANK	L2017383-05	V22200430A14	04/30/20 13:20
TRIP BLANK	L2017383-06	V22200430A15	04/30/20 13:45

Blank Results Summary

Method Blank Summary
Form 4
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab Sample ID	: WG1366107-5	**Lab File ID**	: V22200430A05
Instrument ID	: VOA122		
Matrix	: WATER	**Analysis Date**	: 04/30/20 09:40

Client Sample No.	Lab Sample ID	Analysis Date
WG1366107-3LCS	WG1366107-3	04/30/20 08:02
WG1366107-4LCSD	WG1366107-4	04/30/20 08:27
MW-1	L2017383-01	04/30/20 11:42
MW-2	L2017383-02	04/30/20 12:06
MW-3	L2017383-03	04/30/20 12:31
MW-4	L2017383-04	04/30/20 12:56
FIELD BLANK	L2017383-05	04/30/20 13:20
TRIP BLANK	L2017383-06	04/30/20 13:45

Standards Data Summary

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL16648**
Calibration dates	**: 04/06/20 22:12 04/07/20 02:19**		

Calibration Files

L11 =V22200406N05.D L1 =V22200406N08.D L2 =V22200406N10.D L3 =V22200406N11.D L4 =V22200406N12.D

L6 =V22200406N13.D L8 =V22200406N14.D L10 =V22200406N15.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.160	0.223	0.230	0.221	0.220	0.217	0.213	0.212	11.11
3)	TP	Chloromethane		0.274	0.304	0.303	0.293	0.301	0.295	0.288	0.294	3.58
4)	TC	Vinyl chloride	0.532	0.219	0.276	0.281	0.270	0.267	0.261	0.256	*L	0.9994
5)	TP	Bromomethane		0.097	0.116	0.110	0.112	0.124	0.129	0.132	0.117	10.49
6)	TP	Chloroethane		0.130	0.149	0.144	0.136	0.127	0.110	0.077	0.125	19.76
7)	TP	Trichlorofluor		0.266	0.344	0.346	0.330	0.321	0.310	0.299	0.316	8.84
8)	TP	Ethyl ether		0.087	0.104	0.102	0.100	0.100	0.098	0.096	0.098	5.58
10)	TC	1,1-Dichloroet		0.163	0.206	0.208	0.196	0.188	0.179	0.173	0.188	8.94
11)	TP	Carbon disulfide		0.461	0.519	0.515	0.475	0.457	0.443	0.430	0.472	7.24
12)	TP	Freon-113		0.151	0.218	0.217	0.203	0.193	0.186	0.181	0.193	12.14
13)	TP	Iodomethane		0.193	0.267	0.304	0.300	0.289	0.270	0.251	0.268	14.19
14)	TP	Acrolein		0.020	0.025	0.025	0.026	0.027	0.027	0.028	0.025#	10.88
15)	TP	Methylene chlo		0.253	0.219	0.214	0.201	0.199	0.196	0.195	0.211	9.75
17)	TP	Acetone			0.076	0.061	0.053	0.051	0.048	0.048	0.056#	19.54
18)	TP	trans-1,2-Dich		0.192	0.215	0.213	0.199	0.191	0.185	0.181	0.197	6.70
19)	TP	Methyl acetate			0.077	0.058	0.065	0.085	0.093	0.098	0.080#	19.84
21)	TP	Methyl tert butyl ether		0.425	0.467	0.447	0.401	0.392	0.391	0.400	0.418	7.16
22)	TP	tert-Butyl alc		0.014	0.013	0.013	0.012	0.014	0.014	0.016	0.014#	8.31
24)	TP	Diisopropyl ether		0.670	0.755	0.767	0.736	0.735	0.709	0.692	0.723	4.81
25)	TP	1,1-Dichloroet		0.367	0.422	0.431	0.415	0.416	0.405	0.400	0.408	5.06
26)	TP	Halothane		0.138	0.183	0.184	0.175	0.173	0.170	0.170	0.170	9.02
27)	TP	Acrylonitrile		0.056	0.063	0.062	0.062	0.062	0.061	0.061	0.061	3.60
28)	TP	Ethyl tert-but		0.646	0.677	0.692	0.652	0.632	0.609	0.604	0.645	5.12
29)	TP	Vinyl acetate			0.185	0.186	0.254	0.333	0.371	0.391	*Q	0.9970
30)	TP	cis-1,2-Dichlo		0.237	0.253	0.252	0.235	0.228	0.221	0.217	0.235	5.93
31)	TP	2,2-Dichloropr		0.185	0.205	0.189	0.187	0.215	0.223	0.227	0.205	8.62
32)	TP	Bromochloromet		0.111	0.118	0.115	0.108	0.101	0.096	0.093	0.106	9.20
33)	TP	Cyclohexane		0.336	0.504	0.493	0.467	0.457	0.446	0.435	0.448	12.35
34)	TC	Chloroform		0.378	0.382	0.366	0.345	0.342	0.334	0.333	0.354	5.81
35)	TP	Ethyl acetate		0.172	0.168	0.160	0.159	0.162	0.159	0.160	0.163	3.04
36)	TP	Carbon tetrachloride	0.478	0.251	0.318	0.324	0.311	0.312	0.307	0.305	*L	0.9997
37)	TP	Tetrahydrofuran		0.057	0.068	0.062	0.060	0.058	0.057	0.057	0.060	6.38
38)	S	Dibromofluoromethane	0.263	0.269	0.270	0.264	0.262	0.262	0.262	0.263	0.264	1.26
39)	TP	1,1,1-Trichlor		0.266	0.353	0.343	0.324	0.322	0.315	0.311	0.319	8.73
41)	TP	2-Butanone		0.096	0.080	0.074	0.067	0.069	0.068	0.068	0.075#	14.29

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL16648**
Calibration dates	**: 04/06/20 22:12 04/07/20 02:19**		

Calibration Files
L11 =V22200406N05.D L1 =V22200406N08.D L2 =V22200406N10.D L3 =V22200406N11.D L4 =V22200406N12.D
L6 =V22200406N13.D L8 =V22200406N14.D L10 =V22200406N15.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
42) TP	1,1-Dichloropr		0.228	0.292	0.300	0.285	0.283	0.277	0.273	0.277	8.35
44) TP	Benzene	0.984	0.762	0.844	0.845	0.811	0.809	0.790	0.779	0.828	8.38
45) TP	Tertiary-Amyl Methyl Ether		0.471	0.504	0.547	0.529	0.519	0.506	0.508	0.512	4.63
46) S	1,2-Dichloroethane-d4	0.307	0.312	0.311	0.278	0.272	0.277	0.276	0.276	0.289	6.20
47) T	1,2-Dichloroet		0.213	0.209	0.200	0.186	0.186	0.178	0.173	0.192	8.03
50) TP	Methyl cyclohe		0.230	0.373	0.380	0.366	0.364	0.359	0.349	0.346	15.10
51) TP	Trichloroethene	0.277	0.194	0.223	0.226	0.218	0.219	0.216	0.213	0.223	10.71
53) TP	Dibromomethane		0.110	0.117	0.116	0.114	0.115	0.113	0.112	0.114	2.21
54) TC	1,2-Dichloropr		0.217	0.228	0.238	0.235	0.237	0.232	0.231	0.231	3.11
56) TP	2-Chloroethyl				0.103	0.083	0.062	0.058	0.058	*L	0.9959
57) TP	Bromodichlorom		0.250	0.269	0.269	0.266	0.273	0.268	0.268	0.266	2.88
60) TP	1,4-Dioxane		0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	3.22
61) TP	cis-1,3-Dichlo		0.287	0.318	0.333	0.353	0.362	0.358	0.348	0.337	7.93
62) I	Chlorobenzene-d5	----------ISTD----------									
63) S	Toluene-d8	1.269	1.259	1.261	1.249	1.239	1.247	1.250	1.257	1.254	0.76
64) TC	Toluene		0.601	0.677	0.684	0.658	0.663	0.652	0.649	0.655	4.13
65) TP	4-Methyl-2-pen		0.069	0.074	0.077	0.079	0.082	0.081	0.081	0.078#	6.19
66) TP	Tetrachloroethene		0.229	0.318	0.319	0.306	0.306	0.301	0.298	0.297	10.44
68) TP	trans-1,3-Dich		0.321	0.325	0.345	0.339	0.348	0.345	0.345	0.339	3.16
70) TP	Ethyl methacry		0.205	0.240	0.255	0.251	0.256	0.249	0.251	0.244	7.33
71) TP	1,1,2-Trichlor		0.147	0.170	0.173	0.167	0.168	0.164	0.164	0.165	5.05
72) TP	Chlorodibromom		0.218	0.243	0.257	0.256	0.266	0.264	0.267	0.253	6.91
73) TP	1,3-Dichloropr		0.323	0.349	0.350	0.343	0.345	0.338	0.337	0.341	2.70
74) TP	1,2-Dibromoethane		0.200	0.214	0.215	0.211	0.212	0.210	0.211	0.210	2.29
76) TP	2-Hexanone		0.136	0.129	0.134	0.132	0.136	0.134	0.135	0.134	1.92
77) TP	Chlorobenzene		0.694	0.780	0.763	0.737	0.746	0.730	0.722	0.739	3.80
78) TC	Ethylbenzene		1.072	1.300	1.297	1.245	1.239	1.215	1.185	1.222	6.38
79) TP	1,1,1,2-Tetrac		0.230	0.265	0.276	0.271	0.274	0.269	0.266	0.265	5.90
80) TP	p/m Xylene		0.430	0.525	0.529	0.506	0.503	0.490	0.478	0.494	6.84
81) TP	o Xylene		0.415	0.496	0.499	0.477	0.479	0.467	0.451	0.469	6.20
82) TP	Styrene		0.685	0.822	0.816	0.776	0.771	0.748	0.710	0.761	6.71
83) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
84) TP	Bromoform		0.259	0.294	0.309	0.317	0.325	0.325	0.332	0.309	8.12
86) TP	Isopropylbenzene		2.420	3.271	3.221	3.048	2.940	2.932	2.892	2.961	9.45
87) S	4-Bromofluorobenzene	0.973	0.971	0.968	0.980	0.977	0.967	0.997	1.007	0.980	1.47
88) TP	Bromobenzene		0.557	0.655	0.652	0.632	0.635	0.634	0.650	0.631	5.39

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL16648**
Calibration dates	**: 04/06/20 22:12 04/07/20 02:19**		

Calibration Files
L11 =V22200406N05.D L1 =V22200406N08.D L2 =V22200406N10.D L3 =V22200406N11.D L4 =V22200406N12.D
L6 =V22200406N13.D L8 =V22200406N14.D L10 =V22200406N15.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
89) TP	n-Propylbenzene		2.385	3.204	3.273	3.147	3.084	3.063	2.971	3.018	9.80
90) TP	1,4-Dichlorobu		0.795	0.838	0.841	0.816	0.813	0.800	0.794	0.814	2.41
91) TP	1,1,2,2-Tetrac		0.467	0.500	0.478	0.474	0.467	0.459	0.462	0.472	2.90
92) TP	4-Ethyltoluene		1.971	2.666	2.716	2.573	2.527	2.496	2.426	2.482	9.91
93) TP	2-Chlorotoluene		1.715	2.110	2.119	2.004	1.977	1.949	1.928	1.972	6.87
94) TP	1,3,5-Trimethy		1.700	2.272	2.329	2.218	2.185	2.170	2.125	2.143	9.64
95) TP	1,2,3-Trichlor		0.385	0.390	0.392	0.375	0.370	0.375	0.380	0.381	2.17
96) TP	trans-1,4-Dich		0.134	0.138	0.153	0.147	0.151	0.151	0.152	0.147	5.15
97) TP	4-Chlorotoluene		1.615	1.920	1.917	1.834	1.820	1.805	1.792	1.815	5.63
98) TP	tert-Butylbenzene		1.512	2.040	2.043	1.980	1.961	1.948	1.910	1.913	9.60
101) TP	1,2,4-Trimethy		1.699	2.208	2.255	2.185	2.148	2.136	2.095	2.104	8.84
102) TP	sec-Butylbenzene		1.902	2.648	2.692	2.588	2.550	2.509	2.674	2.509	11.00
103) TP	p-Isopropyltol		1.704	2.396	2.759	2.641	2.586	2.524	2.423	2.433	14.18
104) TP	1,3-Dichlorobe		1.112	1.291	1.271	1.228	1.215	1.188	1.184	1.213	4.93
105) TP	1,4-Dichlorobe		1.168	1.246	1.246	1.195	1.195	1.182	1.182	1.202	2.62
106) TP	p-Diethylbenzene		0.902	1.294	1.362	1.321	1.313	1.305	1.282	1.254	12.54
107) TP	n-Butylbenzene		1.295	1.872	1.921	1.846	1.810	1.778	1.727	1.750	12.01
108) TP	1,2-Dichlorobe		1.023	1.112	1.135	1.090	1.092	1.076	1.072	1.086	3.22
109) TP	1,2,4,5-Tetram		1.293	1.687	1.750	1.750	1.785	1.792	1.791	1.693	10.64
110) TP	1,2-Dibromo-3-		0.068	0.072	0.080	0.084	0.086	0.085	0.089	0.080	9.52
111) TP	1,3,5-Trichlor		0.500	0.652	0.665	0.655	0.648	0.649	0.655	0.632	9.25
112) TP	Hexachlorobuta		0.147	0.205	0.209	0.205	0.205	0.210	0.210	0.199	11.60
113) TP	1,2,4-Trichlor		0.485	0.585	0.602	0.591	0.602	0.610	0.618	0.585	7.77
114) TP	Naphthalene		1.322	1.414	1.486	1.497	1.557	1.577	1.644	1.499	7.16
115) TP	1,2,3-Trichlor		0.440	0.527	0.538	0.528	0.538	0.544	0.555	0.525	7.31

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383		
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: VOA122	**Calibration Date**	: 04/30/20 08:02		
Lab File ID	: V22200430A01	**Init. Calib. Date(s)**	: 04/06/20	04/07/20	
Sample No	: WG1366107-2	**Init. Calib. Times**	: 22:12	02:19	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	72	0
Dichlorodifluoromethane	0.212	0.187	-	11.8	20	58	0
Chloromethane	0.294	0.257	-	12.6	20	61	0
Vinyl chloride	10	7.998	-	20	20	54	0
Bromomethane	0.117	0.066*	-	43.6*	20	43	0
Chloroethane	0.125	0.121	-	3.2	20	60	0
Trichlorofluoromethane	0.316	0.311	-	1.6	20	64	0
Ethyl ether	0.098	0.085	-	13.3	20	60	0
1,1-Dichloroethene	0.188	0.188	-	0	20	65	0
Carbon disulfide	0.472	0.449	-	4.9	20	62	0
Freon-113	0.193	0.201	-	-4.1	20	66	0
Iodomethane	0.268	0.043*	-	84*	20	10	0
Acrolein	0.025	0.022*	-	12	20	65	0
Methylene chloride	0.211	0.2	-	5.2	20	67	0
Acetone	0.056	0.056*	-	0	20	65	0
trans-1,2-Dichloroethene	0.197	0.202	-	-2.5	20	68	0
Methyl acetate	0.08	0.134	-	-67.5*	20	164	0
Methyl tert-butyl ether	0.418	0.391	-	6.5	20	62	0
tert-Butyl alcohol	0.014	0.016*	-	-14.3	20	87	0
Diisopropyl ether	0.723	0.684	-	5.4	20	64	0
1,1-Dichloroethane	0.408	0.344	-	15.7	20	57	0
Halothane	0.17	0.186	-	-9.4	20	72	0
Acrylonitrile	0.061	0.057	-	6.6	20	66	0
Ethyl tert-butyl ether	0.645	0.522	-	19.1	20	54	0
Vinyl acetate	10	17.471	-	-74.7*	20	184	0
cis-1,2-Dichloroethene	0.235	0.243	-	-3.4	20	69	0
2,2-Dichloropropane	0.205	0.279	-	-36.1*	20	106	0
Bromochloromethane	0.106	0.119	-	-12.3	20	74	0
Cyclohexane	0.448	0.358	-	20.1*	20	52	0
Chloroform	0.354	0.341	-	3.7	20	67	0
Ethyl acetate	0.163	0.164	-	-0.6	20	73	0
Carbon tetrachloride	10	10.181	-	-1.8	20	69	0
Tetrahydrofuran	0.06	0.063	-	-5	20	73	0
Dibromofluoromethane	0.264	0.285	-	-8	20	77	0
1,1,1-Trichloroethane	0.319	0.328	-	-2.8	20	68	0
2-Butanone	0.075	0.088*	-	-17.3	20	85	0
1,1-Dichloropropene	0.277	0.24	-	13.4	20	57	0
Benzene	0.828	0.726	-	12.3	20	61	0
tert-Amyl methyl ether	0.512	0.438	-	14.5	20	57	0
1,2-Dichloroethane-d4	0.289	0.247	-	14.5	20	64	0
1,2-Dichloroethane	0.192	0.181	-	5.7	20	65	0
Methyl cyclohexane	0.346	0.3	-	13.3	20	56	0
Trichloroethene	0.223	0.221	-	0.9	20	70	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383		
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: VOA122	**Calibration Date**	: 04/30/20 08:02		
Lab File ID	: V22200430A01	**Init. Calib. Date(s)**	: 04/06/20	04/07/20	
Sample No	: WG1366107-2	**Init. Calib. Times**	: 22:12	02:19	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Dibromomethane	0.114	0.11	-	3.5	20	68	0
1,2-Dichloropropane	0.231	0.184	-	20.3*	20	55	0
2-Chloroethyl vinyl ether	10	4.005	-	60*	20	54	0
Bromodichloromethane	0.266	0.247	-	7.1	20	65	0
1,4-Dioxane	0.00152	0.0016*	-	-5.3	20	74	0
cis-1,3-Dichloropropene	0.337	0.278	-	17.5	20	60	0
Chlorobenzene-d5	1	1	-	0	20	75	0
Toluene-d8	1.254	1.213	-	3.3	20	73	0
Toluene	0.655	0.602	-	8.1	20	66	0
4-Methyl-2-pentanone	0.078	0.057*	-	26.9*	20	55	0
Tetrachloroethene	0.297	0.307	-	-3.4	20	72	0
trans-1,3-Dichloropropene	0.339	0.293	-	13.6	20	63	0
Ethyl methacrylate	0.244	0.178	-	27*	20	52	0
1,1,2-Trichloroethane	0.165	0.148	-	10.3	20	64	0
Chlorodibromomethane	0.253	0.25	-	1.2	20	73	0
1,3-Dichloropropane	0.341	0.285	-	16.4	20	61	0
1,2-Dibromoethane	0.21	0.205	-	2.4	20	71	0
2-Hexanone	0.134	0.114	-	14.9	20	63	0
Chlorobenzene	0.739	0.735	-	0.5	20	72	0
Ethylbenzene	1.222	1.136	-	7	20	65	0
1,1,1,2-Tetrachloroethane	0.265	0.268	-	-1.1	20	72	0
p/m Xylene	0.494	0.499	-	-1	20	70	0
o Xylene	0.469	0.466	-	0.6	20	70	0
Styrene	0.761	0.747	-	1.8	20	68	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	82	0
Bromoform	0.309	0.291	-	5.8	20	77	0
Isopropylbenzene	2.961	2.649	-	10.5	20	67	0
4-Bromofluorobenzene	0.98	0.828	-	15.5	20	69	0
Bromobenzene	0.631	0.587	-	7	20	73	0
n-Propylbenzene	3.018	2.657	-	12	20	66	0
1,4-Dichlorobutane	0.814	0.606	-	25.6*	20	59	0
1,1,2,2-Tetrachloroethane	0.472	0.405	-	14.2	20	69	0
4-Ethyltoluene	2.482	2.318	-	6.6	20	70	0
2-Chlorotoluene	1.972	1.741	-	11.7	20	67	0
1,3,5-Trimethylbenzene	2.143	1.966	-	8.3	20	69	0
1,2,3-Trichloropropane	0.381	0.311	-	18.4	20	65	0
trans-1,4-Dichloro-2-buten	0.147	0.116	-	21.1*	20	62	0
4-Chlorotoluene	1.815	1.592	-	12.3	20	68	0
tert-Butylbenzene	1.913	1.742	-	8.9	20	69	0
1,2,4-Trimethylbenzene	2.104	1.915	-	9	20	69	0
sec-Butylbenzene	2.509	2.231	-	11.1	20	68	0
p-Isopropyltoluene	2.433	2.342	-	3.7	20	69	0
1,3-Dichlorobenzene	1.213	1.207	-	0.5	20	77	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2017383	
Project Name	: PISTOIA TIRE CO INC.		**Project Number**	: 0064-4	
Instrument ID	: VOA122		**Calibration Date**	: 04/30/20 08:02	
Lab File ID	: V22200430A01		**Init. Calib. Date(s)**	: 04/06/20	04/07/20
Sample No	: WG1366107-2		**Init. Calib. Times**	: 22:12	02:19
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene	1.202	1.183	-	1.6	20	77	0
p-Diethylbenzene	1.254	1.151	-	8.2	20	69	0
n-Butylbenzene	1.75	1.565	-	10.6	20	66	0
1,2-Dichlorobenzene	1.086	1.05	-	3.3	20	75	0
1,2,4,5-Tetramethylbenzene	1.693	1.557	-	8	20	73	0
1,2-Dibromo-3-chloropropan	0.08	0.077	-	3.8	20	79	0
1,3,5-Trichlorobenzene	0.632	0.599	-	5.2	20	73	0
Hexachlorobutadiene	0.199	0.184	-	7.5	20	72	0
1,2,4-Trichlorobenzene	0.585	0.533	-	8.9	20	72	0
Naphthalene	1.499	1.437	-	4.1	20	79	0
1,2,3-Trichlorobenzene	0.525	0.482	-	8.2	20	73	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Lisko Environmental, LLC
Project Name: PISTOIA TIRE CO INC.

Lab Number: L2017383
Project Number: 0064-4
Matrix: Trip Blank (Aqueous)/Water/Field Blank

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-1 (L2017383-01)	99	96	85	112	0
MW-2 (L2017383-02)	98	96	84	111	0
MW-3 (L2017383-03)	99	95	85	112	0
MW-4 (L2017383-04)	99	95	83	112	0
FIELD BLANK (L2017383-05)	99	95	84	112	0
TRIP BLANK (L2017383-06)	99	96	84	111	0
WG1366107-3LCS	86	97	85	108	0
WG1366107-4LCSD	82	97	87	107	0
WG1366107-5BLANK	97	98	87	110	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

FORM II NJ-8260

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Matrix	: WATER		
LCS Sample ID	: WG1366107-3	**Analysis Date** : 04/30/20 08:02	**File ID** : V22200430A01
LCSD Sample ID	: WG1366107-4	**Analysis Date** : 04/30/20 08:27	**File ID** : V22200430A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dibromo-3-chloropropane	10	9.6	96	10	8.8	88	9	40-160	20
1,4-Dioxane	500	530	106	500	450	90	16	40-160	20
1,2-Dibromoethane	10	9.7	97	10	9.4	94	3	70-130	20
Methylene chloride	10	9.5	95	10	9.6	96	1	70-130	20
1,1-Dichloroethane	10	8.4	84	10	8.7	87	4	70-130	20
Chloroform	10	9.6	96	10	9.8	98	2	70-130	20
Carbon tetrachloride	10	10	100	10	10	100	0	70-130	20
1,2-Dichloropropane	10	7.9	79	10	8.1	81	3	70-130	20
Dibromochloromethane	10	9.9	99	10	9.8	98	1	70-130	20
1,1,2-Trichloroethane	10	9.0	90	10	9.0	90	0	70-130	20
Tetrachloroethene	10	10	100	10	10	100	0	70-130	20
Chlorobenzene	10	9.9	99	10	10	100	1	70-130	20
Trichlorofluoromethane	10	9.8	98	10	9.8	98	0	40-160	20
1,2-Dichloroethane	10	9.4	94	10	8.6	86	9	70-130	20
1,1,1-Trichloroethane	10	10	100	10	10	100	0	70-130	20
Bromodichloromethane	10	9.3	93	10	9.3	93	0	70-130	20
trans-1,3-Dichloropropene	10	8.6	86	10	8.6	86	0	70-130	20
cis-1,3-Dichloropropene	10	8.2	82	10	8.4	84	2	70-130	20
Bromoform	10	9.4	94	10	9.6	96	2	40-160	20
1,1,2,2-Tetrachloroethane	10	8.6	86	10	8.7	87	1	40-160	20
Benzene	10	8.8	88	10	8.9	89	1	70-130	20
Toluene	10	9.2	92	10	9.5	95	3	70-130	20
Ethylbenzene	10	9.3	93	10	9.4	94	1	70-130	20
Chloromethane	10	8.7	87	10	8.8	88	1	40-160	20
Bromomethane	10	5.6	56	10	6.9	69	21 Q	40-160	20
Vinyl chloride	10	8.0	80	10	7.9	79	1	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Matrix	: WATER		
LCS Sample ID	: WG1366107-3	**Analysis Date** : 04/30/20 08:02	**File ID** : V22200430A01
LCSD Sample ID	: WG1366107-4	**Analysis Date** : 04/30/20 08:27	**File ID** : V22200430A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Chloroethane	10	9.7	97	10	9.5	95	2	40-160	20
1,1-Dichloroethene	10	10	100	10	10	100	0	70-130	20
trans-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20
Trichloroethene	10	9.9	99	10	9.7	97	2	70-130	20
1,2-Dichlorobenzene	10	9.7	97	10	10	100	3	70-130	20
1,3-Dichlorobenzene	10	10	100	10	10	100	0	70-130	20
1,4-Dichlorobenzene	10	9.8	98	10	10	100	2	70-130	20
Methyl tert butyl ether	10	9.4	94	10	9.0	90	4	70-130	20
p/m-Xylene	20	20	100	20	20	100	0	70-130	20
o-Xylene	20	20	100	20	20	100	0	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	11	110	10	70-130	20
Styrene	20	20	100	20	20	100	0	40-160	20
Dichlorodifluoromethane	10	8.8	88	10	8.4	84	5	40-160	20
Acetone	10	10	100	10	8.7	87	14	40-160	20
Carbon disulfide	10	9.5	95	10	9.4	94	1	40-160	20
2-Butanone	10	12	120	10	10	100	18	40-160	20
4-Methyl-2-pentanone	10	7.4	74	10	6.8	68	8	40-160	20
2-Hexanone	10	8.5	85	10	7.7	77	10	40-160	20
Bromochloromethane	10	11	110	10	11	110	0	70-130	20
Isopropylbenzene	10	8.9	89	10	9.4	94	5	70-130	20
1,2,3-Trichlorobenzene	10	9.2	92	10	9.6	96	4	70-130	20
1,2,4-Trichlorobenzene	10	9.1	91	10	9.6	96	5	70-130	20
Methyl Acetate	10	17	170 Q	10	15	150 Q	13	70-130	20
Cyclohexane	10	8.0	80	10	7.9	79	1	70-130	20
Methyl cyclohexane	10	8.7	87	10	8.5	85	2	70-130	20
Freon-113	10	10	100	10	10	100	0	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: VOA122	**Analysis Date**	: 04/30/20 08:02
Sample No	: WG1366107-2	**Lab File ID**	: V22200430A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1366107-2	210307	5.81	176227	9.34	91333	12.09
Upper Limit	420614	6.31	352454	9.84	182666	12.59
Lower Limit	105154	5.31	88114	8.84	45667	11.59
Sample ID						
WG1366107-3 LCS	210307	5.81	176227	9.34	91333	12.09
WG1366107-4 LCSD	201425	5.82	169341	9.34	84039	12.09
WG1366107-5 BLANK	202552	5.82	167703	9.34	81291	12.09
MW-1	183595	5.82	156046	9.34	75292	12.09
MW-2	182121	5.82	153483	9.34	73691	12.09
MW-3	176035	5.82	149865	9.34	71119	12.09
MW-4	173134	5.82	147259	9.34	71221	12.09
FIELD BLANK	173330	5.82	144790	9.34	68634	12.09
TRIP BLANK	175049	5.82	146569	9.34	70698	12.09

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A10.D
Acq On : 30 Apr 2020 11:42 am
Operator : VOA122:NLK
Sample : 12017383-01,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 30 12:33:28 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.819	96	183595	10.000	ug/L	0.00
Standard Area 1 = 210307			Recovery = 87.30%			
62) Chlorobenzene-d5	9.337	117	156046	10.000	ug/L	0.00
Standard Area 1 = 176227			Recovery = 88.55%			
83) 1,4-Dichlorobenzene-d4	12.093	152	75292	10.000	ug/L	0.00
Standard Area 1 = 91333			Recovery = 82.44%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.010	113	54269	11.180	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.80%			
46) 1,2-Dichloroethane-d4	5.533	65	52390	9.888	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.88%			
63) Toluene-d8	7.503	98	187139	9.564	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.64%			
87) 4-Bromofluorobenzene	10.859	95	62391	8.456	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 84.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.825	76	355	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	4.573	96	862	0.200	ug/L #	85
32) Bromochloromethane	0.000		0	N.D.		
33) Cyclohexane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		
36) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A10.D
Acq On : 30 Apr 2020 11:42 am
Operator : VOA122:NLK
Sample : 12017383-01,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 30 12:33:28 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D.	
44) Benzene	0.000		0		N.D.	
47) 1,2-Dichloroethane	0.000		0		N.D.	
50) Methyl cyclohexane	0.000		0		N.D.	
51) Trichloroethene	0.000		0		N.D.	
54) 1,2-Dichloropropane	0.000		0		N.D.	
57) Bromodichloromethane	0.000		0		N.D.	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	0.000		0		N.D.	
65) 4-Methyl-2-pentanone	0.000		0		N.D.	
66) Tetrachloroethene	8.011	166	99		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D.	
72) Chlorodibromomethane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D.	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	9.337	91	71		N.D.	
80) p/m Xylene	0.000		0		N.D.	
81) o Xylene	0.000		0		N.D.	
82) Styrene	0.000		0		N.D.	
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	0.000		0		N.D.	
91) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

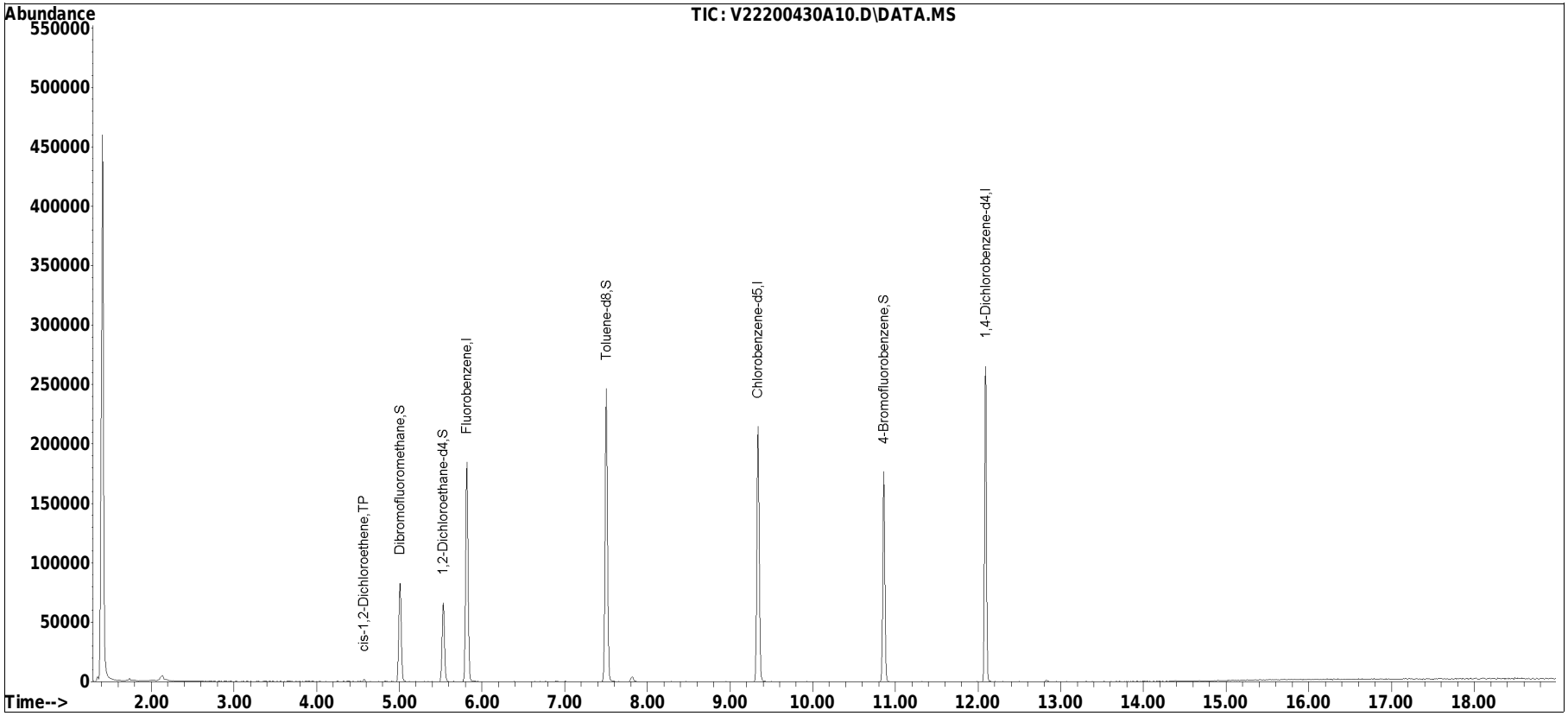
(#) = qualifier out of range (m) = manual integration (+) = signals summed

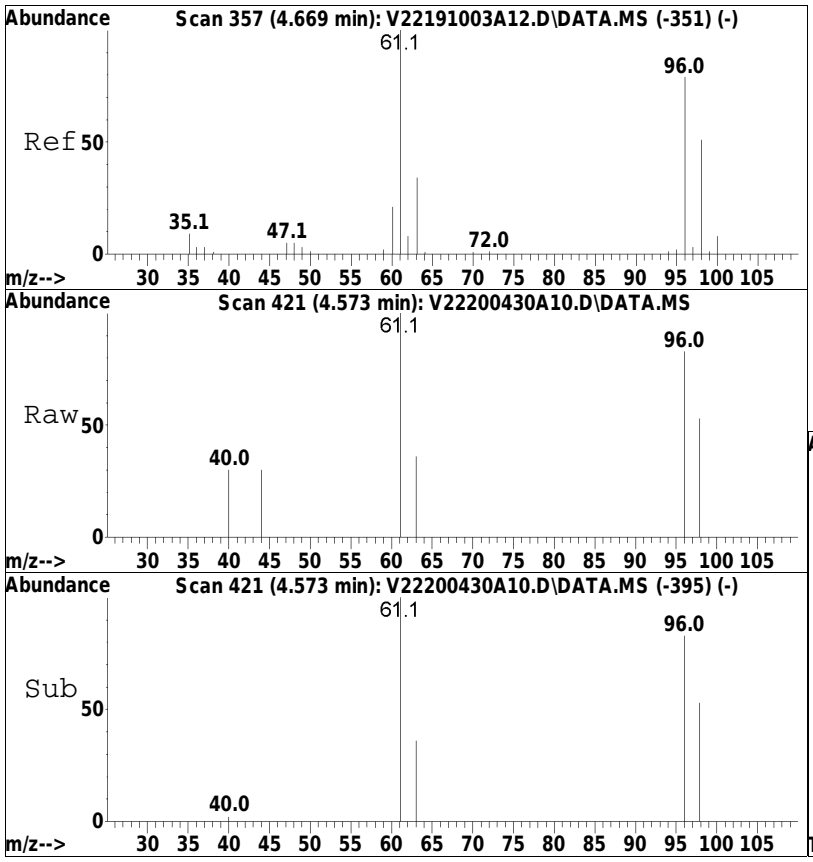
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A10.D
Acq On : 30 Apr 2020 11:42 am
Operator : VOA122:NLK
Sample : l2017383-01,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 30 12:33:28 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0430A01.D•

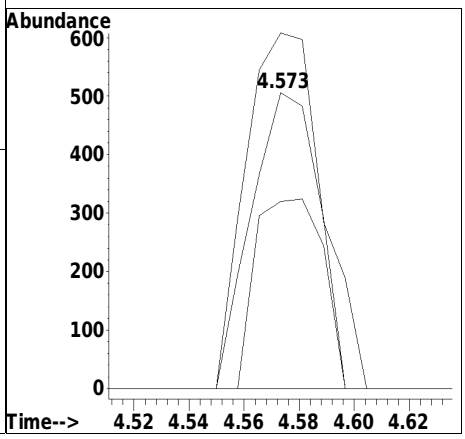




#30
cis-1,2-Dichloroethene
Concen: 0.20 ug/L
RT: 4.573 min Scan# 421
Delta R.T. 0.000 min
Lab File: V22200430A10.D
Acq: 30 Apr 2020 11:42 am

Tgt Ion: 96 Resp: 862

Ion	Ratio	Lower	Upper
96	100		
61	136.7	90.3	135.5#
98	64.3	50.8	76.2



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2020\2	QMethod	: V122_200406N_8260.m
Data File	: V22200430A10.D	Operator	: VOA122:NLK
Date Inj'd	: 4/30/2020 11:42 am	Instrument	: VOA122
Sample	: 12017383-01,31,10,10,,a	Quant Date	: 4/30/2020 12:32 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A10.D
Acq On : 30 Apr 2020 11:42 am
Operator : VOA122:NLK
Sample : 12017383-01,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22200430A10.D\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.138	99	109	124	rVB4	4592	17408	3.57%	0.741%
2	5.010	470	477	489	rBB	83081	170098	34.85%	7.244%
3	5.533	536	544	554	rBB	66480	151927	31.13%	6.471%
4	5.819	568	576	590	rBV	184994	373687	76.57%	15.915%
5	7.503	759	770	786	rBB	246737	488053	100.00%	20.786%
6	9.337	996	1005	1021	rBB	214935	425571	87.20%	18.125%
7	10.859	1191	1198	1208	rBB	176614	305772	62.65%	13.023%
8	12.093	1350	1357	1368	rBB	265280	415476	85.13%	17.695%

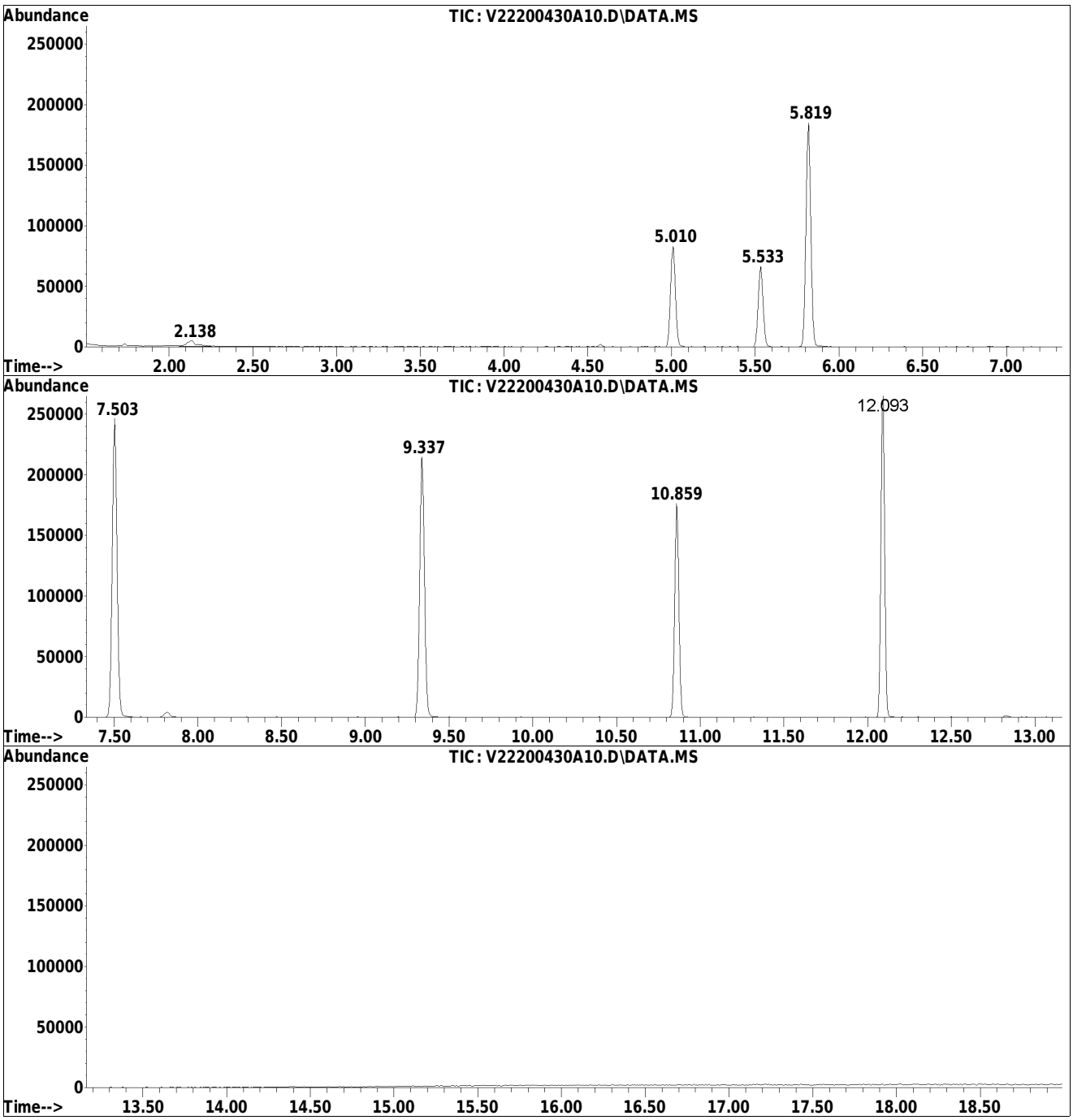
Sum of corrected areas: 2347992

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A10.D
Acq On : 30 Apr 2020 11:42 am
Operator : VOA122:NLK
Sample : 12017383-01,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A10.D
Acq On : 30 Apr 2020 11:42 am
Operator : VOA122:NLK
Sample : l2017383-01,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A10.D
Acq On : 30 Apr 2020 11:42 am
Operator : VOA122:NLK
Sample : 12017383-01,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 10 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A11.D
Acq On : 30 Apr 2020 12:06 pm
Operator : VOA122:NLK
Sample : 12017383-02,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 30 13:35:53 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.819	96	182121	10.000	ug/L	0.00
Standard Area 1 = 210307			Recovery = 86.60%			
62) Chlorobenzene-d5	9.337	117	153483	10.000	ug/L	0.00
Standard Area 1 = 176227			Recovery = 87.09%			
83) 1,4-Dichlorobenzene-d4	12.093	152	73691	10.000	ug/L	0.00
Standard Area 1 = 91333			Recovery = 80.68%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.010	113	53233	11.055	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.55%			
46) 1,2-Dichloroethane-d4	5.533	65	51510	9.800	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.00%			
63) Toluene-d8	7.503	98	185605	9.644	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.44%			
87) 4-Bromofluorobenzene	10.859	95	60642	8.397	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 83.97%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.825	76	454	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.387	43	320	0.314	ug/L #	46
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	4.573	96	83	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
33) Cyclohexane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		
36) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A11.D
Acq On : 30 Apr 2020 12:06 pm
Operator : VOA122:NLK
Sample : 12017383-02,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 30 13:35:53 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39)	1,1,1-Trichloroethane	0.000		0		N.D.	
41)	2-Butanone	0.000		0		N.D.	
44)	Benzene	0.000		0		N.D.	
47)	1,2-Dichloroethane	0.000		0		N.D.	
50)	Methyl cyclohexane	0.000		0		N.D.	
51)	Trichloroethene	0.000		0		N.D.	
54)	1,2-Dichloropropane	0.000		0		N.D.	
57)	Bromodichloromethane	0.000		0		N.D.	
60)	1,4-Dioxane	0.000		0		N.D.	
61)	cis-1,3-Dichloropropene	0.000		0		N.D.	
64)	Toluene	0.000		0		N.D.	
65)	4-Methyl-2-pentanone	0.000		0		N.D.	
66)	Tetrachloroethene	0.000		0		N.D.	
68)	trans-1,3-Dichloropropene	0.000		0		N.D.	
71)	1,1,2-Trichloroethane	0.000		0		N.D.	
72)	Chlorodibromomethane	0.000		0		N.D.	
74)	1,2-Dibromoethane	0.000		0		N.D.	
76)	2-Hexanone	0.000		0		N.D.	
77)	Chlorobenzene	0.000		0		N.D.	
78)	Ethylbenzene	0.000		0		N.D.	
80)	p/m Xylene	0.000		0		N.D.	
81)	o Xylene	0.000		0		N.D.	
82)	Styrene	0.000		0		N.D.	
84)	Bromoform	0.000		0		N.D.	
86)	Isopropylbenzene	0.000		0		N.D.	
91)	1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
104)	1,3-Dichlorobenzene	12.107	146	73		N.D.	
105)	1,4-Dichlorobenzene	12.107	146	73		N.D.	
108)	1,2-Dichlorobenzene	0.000		0		N.D.	
110)	1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113)	1,2,4-Trichlorobenzene	0.000		0		N.D.	
115)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

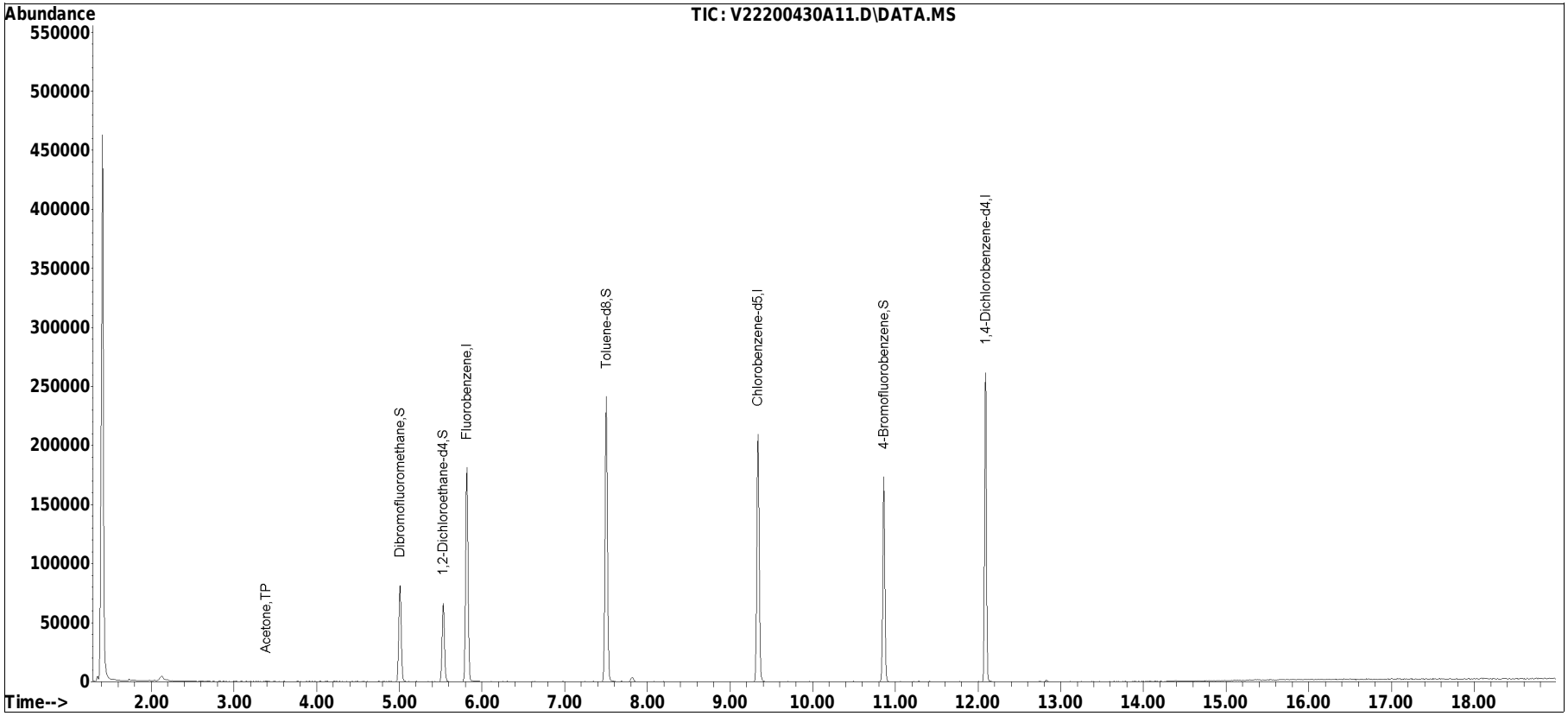
(#) = qualifier out of range (m) = manual integration (+) = signals summed

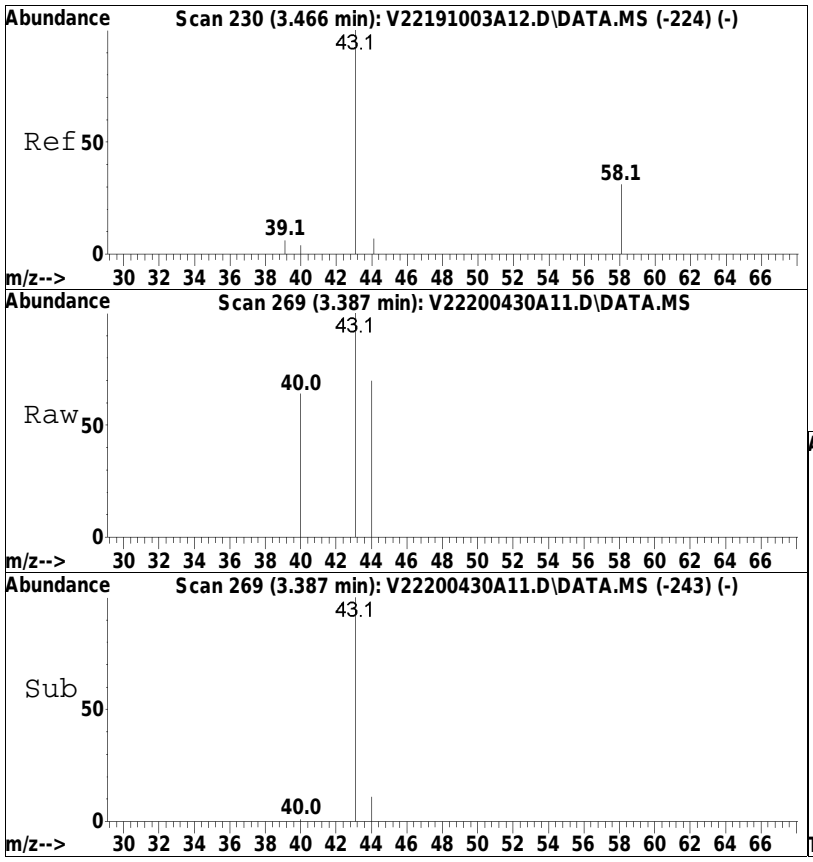
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A11.D
Acq On : 30 Apr 2020 12:06 pm
Operator : VOA122:NLK
Sample : l2017383-02,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 30 13:35:53 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0430A01.D•

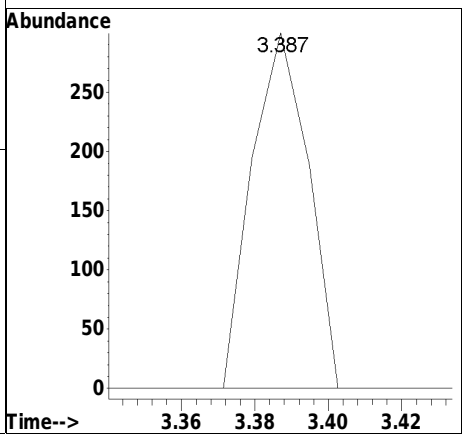




#17
Acetone
Concen: 0.31 ug/L
RT: 3.387 min Scan# 269
Delta R.T. 0.000 min
Lab File: V22200430A11.D
Acq: 30 Apr 2020 12:06 pm

Tgt Ion: 43 Resp: 320

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.1	34.7#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2020\2	QMethod	: V122_200406N_8260.m
Data File	: V22200430A11.D	Operator	: VOA122:NLK
Date Inj'd	: 4/30/2020 12:06 pm	Instrument	: VOA122
Sample	: 12017383-02,31,10,10,,a	Quant Date	: 4/30/2020 1:35 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A11.D
Acq On : 30 Apr 2020 12:06 pm
Operator : VOA122:NLK
Sample : 12017383-02,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22200430A11.D\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	466	477	488	rBB	81800	166684	34.69%	7.276%
2	5.533	534	544	553	rBB	66591	148749	30.96%	6.493%
3	5.819	569	576	589	rBV	181266	367739	76.54%	16.053%
4	7.503	763	770	786	rBB	241532	480445	100.00%	20.973%
5	9.337	993	1005	1019	rBB	209829	420602	87.54%	18.361%
6	10.859	1192	1198	1206	rBB	173392	298081	62.04%	13.012%
7	12.093	1350	1357	1370	rBB	261707	408488	85.02%	17.832%

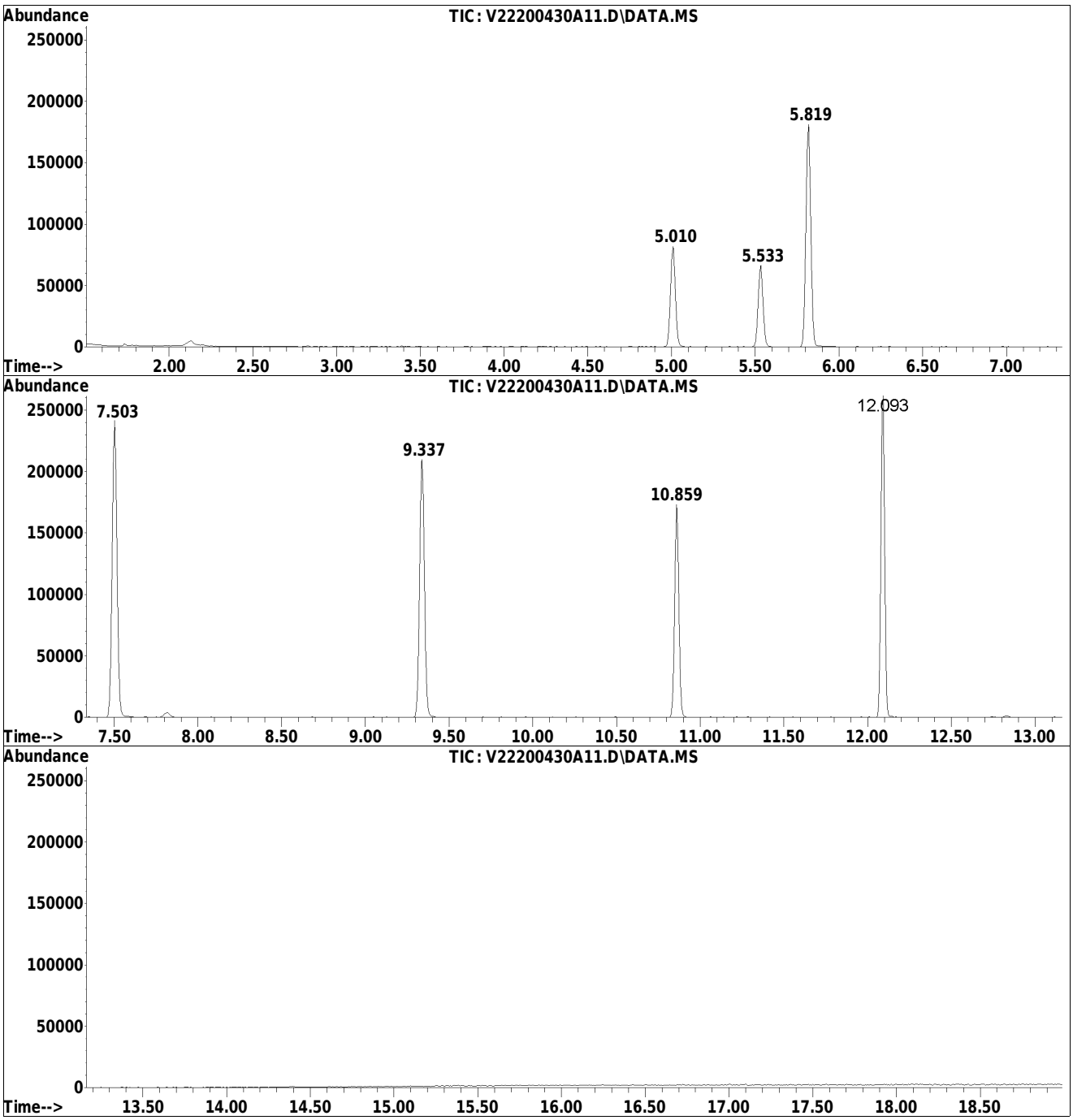
Sum of corrected areas: 2290788

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A11.D
Acq On : 30 Apr 2020 12:06 pm
Operator : VOA122:NLK
Sample : 12017383-02,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A11.D
Acq On : 30 Apr 2020 12:06 pm
Operator : VOA122:NLK
Sample : l2017383-02,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A11.D
Acq On : 30 Apr 2020 12:06 pm
Operator : VOA122:NLK
Sample : 12017383-02,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 11 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A12.D
Acq On : 30 Apr 2020 12:31 pm
Operator : VOA122:NLK
Sample : 12017383-03,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 30 13:37:36 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.819	96	176035	10.000	ug/L	0.00
Standard Area 1 = 210307			Recovery = 83.70%			
62) Chlorobenzene-d5	9.337	117	149865	10.000	ug/L	0.00
Standard Area 1 = 176227			Recovery = 85.04%			
83) 1,4-Dichlorobenzene-d4	12.093	152	71119	10.000	ug/L	0.00
Standard Area 1 = 91333			Recovery = 77.87%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.010	113	52003	11.173	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.73%			
46) 1,2-Dichloroethane-d4	5.533	65	50365	9.914	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.14%			
63) Toluene-d8	7.503	98	178812	9.515	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.15%			
87) 4-Bromofluorobenzene	10.859	95	59108	8.481	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 84.81%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.833	76	367	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.379	43	308	0.312	ug/L #	46
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
33) Cyclohexane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		
36) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A12.D
Acq On : 30 Apr 2020 12:31 pm
Operator : VOA122:NLK
Sample : 12017383-03,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 30 13:37:36 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D.	
44) Benzene	0.000		0		N.D.	
47) 1,2-Dichloroethane	0.000		0		N.D.	
50) Methyl cyclohexane	0.000		0		N.D.	
51) Trichloroethene	0.000		0		N.D.	
54) 1,2-Dichloropropane	0.000		0		N.D.	
57) Bromodichloromethane	0.000		0		N.D.	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	0.000		0		N.D.	
65) 4-Methyl-2-pentanone	0.000		0		N.D.	
66) Tetrachloroethene	0.000		0		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D.	
72) Chlorodibromomethane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D.	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	9.337	91	158		N.D.	
80) p/m Xylene	0.000		0		N.D.	
81) o Xylene	0.000		0		N.D.	
82) Styrene	0.000		0		N.D.	
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	10.531	105	674		N.D.	
91) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

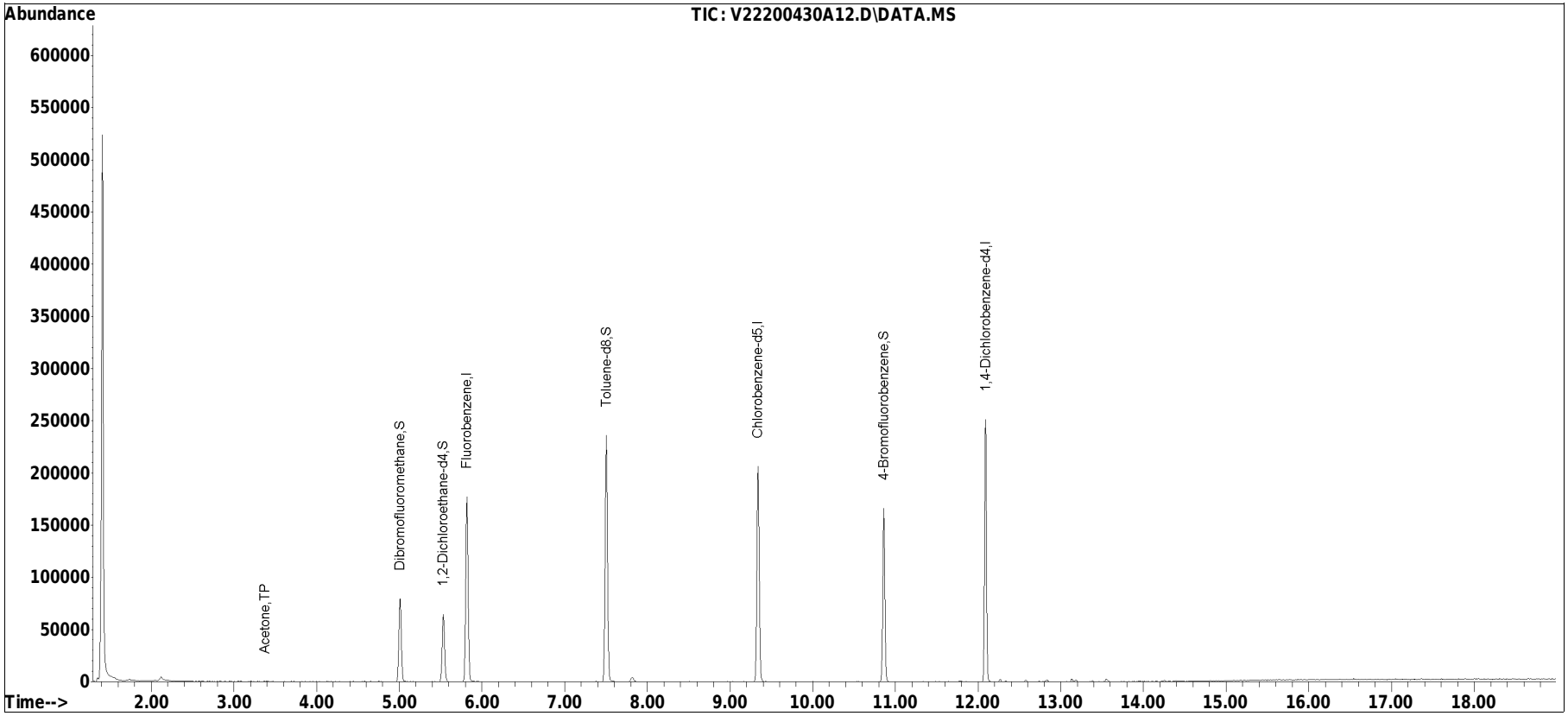
(#) = qualifier out of range (m) = manual integration (+) = signals summed

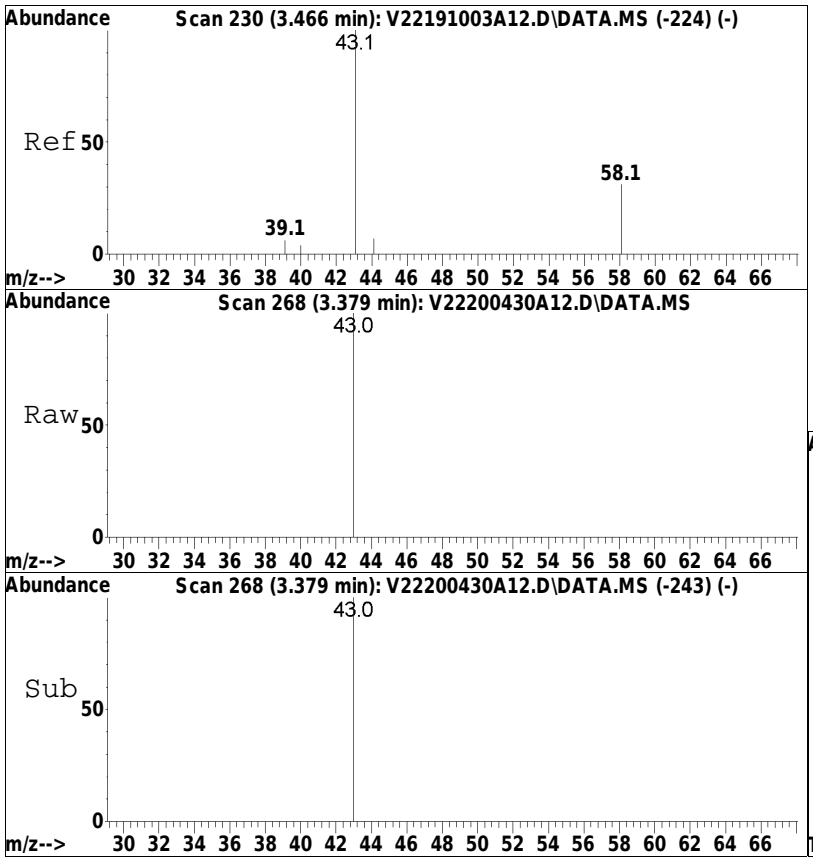
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A12.D
Acq On : 30 Apr 2020 12:31 pm
Operator : VOA122:NLK
Sample : l2017383-03,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 30 13:37:36 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0430A01.D•

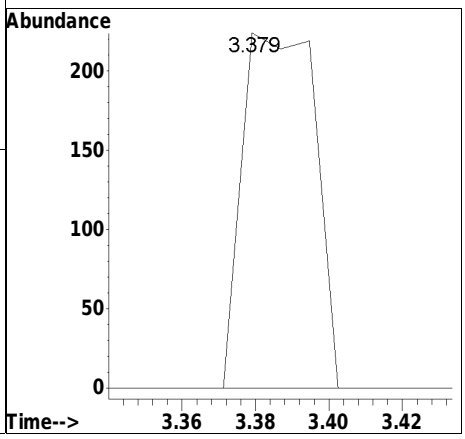




#17
Acetone
Concen: 0.31 ug/L
RT: 3.379 min Scan# 268
Delta R.T. -0.008 min
Lab File: V22200430A12.D
Acq: 30 Apr 2020 12:31 pm

Tgt Ion: 43 Resp: 308

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.1	34.7#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2020\2	QMethod	: V122_200406N_8260.m
Data File	: V22200430A12.D	Operator	: VOA122:NLK
Date Inj'd	: 4/30/2020 12:31 pm	Instrument	: VOA122
Sample	: 12017383-03,31,10,10,,a	Quant Date	: 4/30/2020 1:37 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A12.D
Acq On : 30 Apr 2020 12:31 pm
Operator : VOA122:NLK
Sample : 12017383-03,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22200430A12.D\DATA.MS

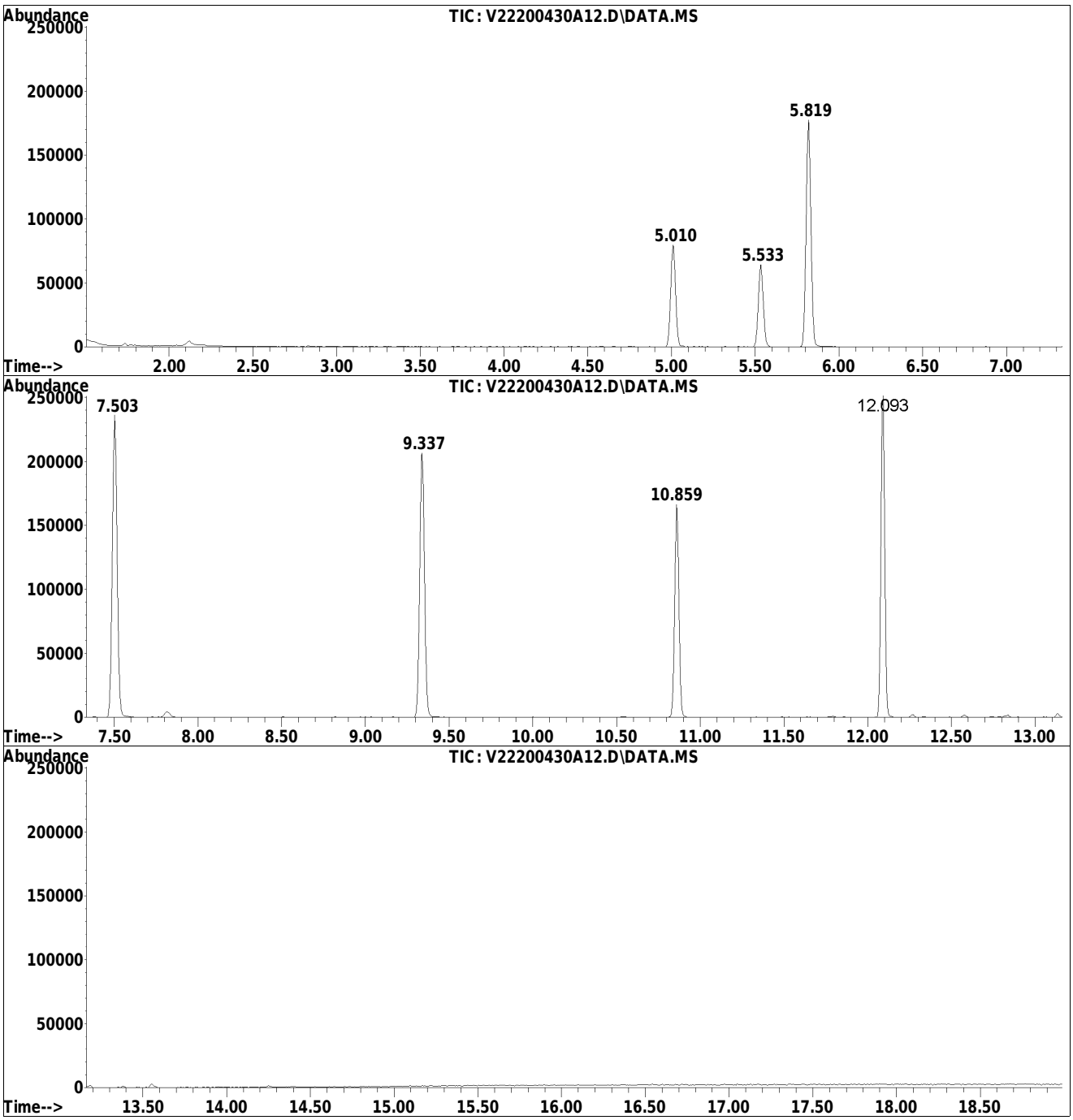
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	465	477	487	rBB	79854	161830	34.69%	7.260%
2	5.533	537	544	554	rBB	64499	148735	31.88%	6.673%
3	5.819	569	576	588	rBV	177463	356551	76.43%	15.996%
4	7.503	762	770	787	rBB	236111	466487	100.00%	20.929%
5	9.337	998	1005	1016	rBV	206742	410054	87.90%	18.397%
6	10.859	1191	1198	1207	rBB	166268	289267	62.01%	12.978%
7	12.093	1346	1357	1367	rBB	251291	396030	84.90%	17.768%

Sum of corrected areas: 2228954

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A12.D
Acq On : 30 Apr 2020 12:31 pm
Operator : VOA122:NLK
Sample : 12017383-03,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A12.D
Acq On : 30 Apr 2020 12:31 pm
Operator : VOA122:NLK
Sample : l2017383-03,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A12.D
Acq On : 30 Apr 2020 12:31 pm
Operator : VOA122:NLK
Sample : 12017383-03,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 12 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A13.D
Acq On : 30 Apr 2020 12:56 pm
Operator : VOA122:NLK
Sample : 12017383-04,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 30 13:38:54 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.819	96	173134	10.000	ug/L	0.00
Standard Area 1 = 210307			Recovery = 82.32%			
62) Chlorobenzene-d5	9.337	117	147259	10.000	ug/L	0.00
Standard Area 1 = 176227			Recovery = 83.56%			
83) 1,4-Dichlorobenzene-d4	12.093	152	71221	10.000	ug/L	0.00
Standard Area 1 = 91333			Recovery = 77.98%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.010	113	51201	11.185	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.85%			
46) 1,2-Dichloroethane-d4	5.533	65	49337	9.874	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.74%			
63) Toluene-d8	7.503	98	174933	9.473	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.73%			
87) 4-Bromofluorobenzene	10.859	95	58191	8.338	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 83.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.825	76	275	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
33) Cyclohexane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		
36) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A13.D
Acq On : 30 Apr 2020 12:56 pm
Operator : VOA122:NLK
Sample : 12017383-04,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 30 13:38:54 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D.	
44) Benzene	0.000		0		N.D.	
47) 1,2-Dichloroethane	0.000		0		N.D.	
50) Methyl cyclohexane	0.000		0		N.D.	
51) Trichloroethene	0.000		0		N.D.	
54) 1,2-Dichloropropane	0.000		0		N.D.	
57) Bromodichloromethane	0.000		0		N.D.	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	0.000		0		N.D.	
65) 4-Methyl-2-pentanone	0.000		0		N.D.	
66) Tetrachloroethene	0.000		0		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D.	
72) Chlorodibromomethane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D.	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	9.345	91	77		N.D.	
80) p/m Xylene	0.000		0		N.D.	
81) o Xylene	0.000		0		N.D.	
82) Styrene	0.000		0		N.D.	
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	0.000		0		N.D.	
91) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	0.000		0		N.D.	
105) 1,4-Dichlorobenzene	0.000		0		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

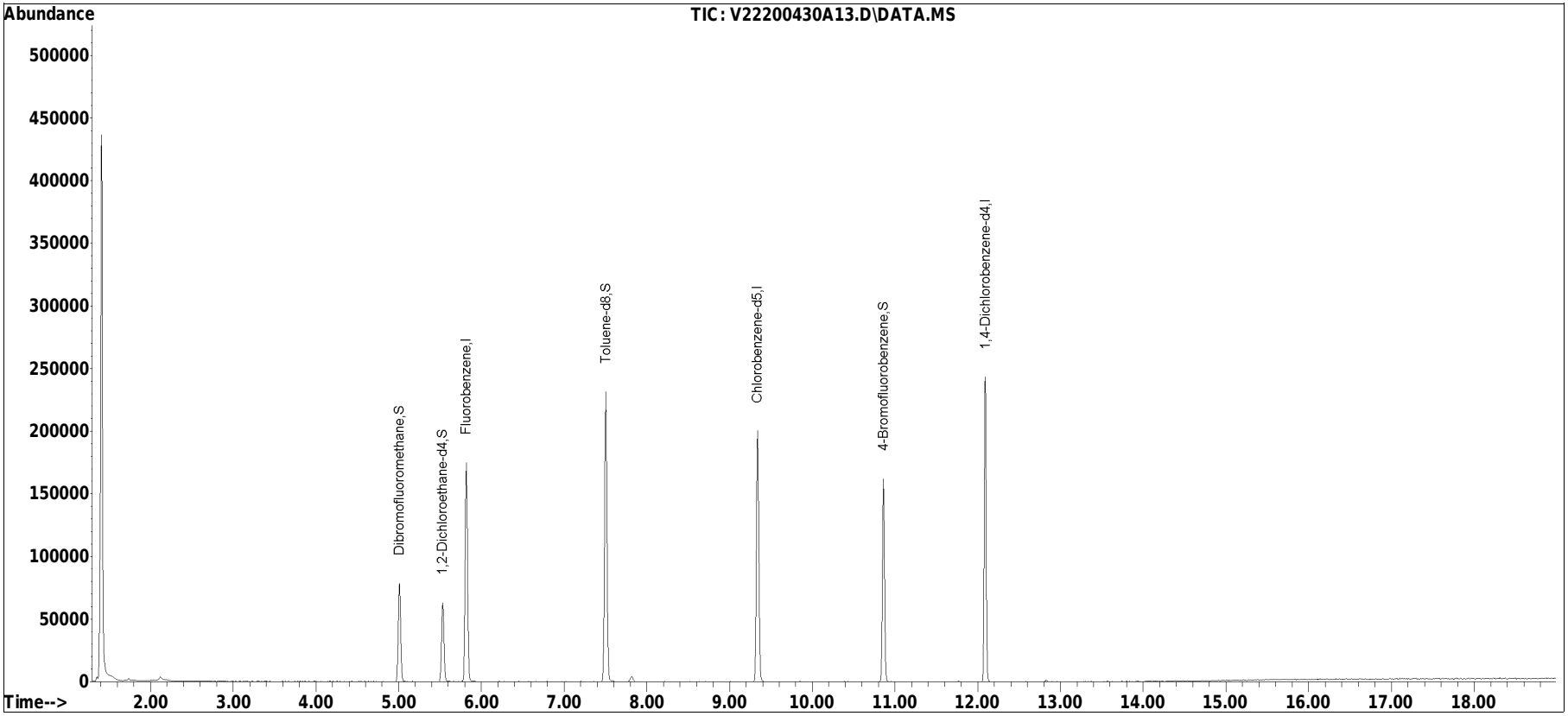
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A13.D
Acq On : 30 Apr 2020 12:56 pm
Operator : VOA122:NLK
Sample : l2017383-04,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 30 13:38:54 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0430A01.D•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2020\2	QMethod	: V122_200406N_8260.m
Data File	: V22200430A13.D	Operator	: VOA122:NLK
Date Inj'd	: 4/30/2020 12:56 pm	Instrument	: VOA122
Sample	: l2017383-04,31,10,10,,a	Quant Date	: 4/30/2020 1:38 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A13.D
Acq On : 30 Apr 2020 12:56 pm
Operator : VOA122:NLK
Sample : 12017383-04,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22200430A13.D\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	469	477	488	rBB	78496	160317	34.98%	7.316%
2	5.533	536	544	556	rBB	63105	144593	31.55%	6.599%
3	5.819	567	576	594	rVB	175127	352229	76.84%	16.075%
4	7.503	760	770	786	rBB	231688	458368	100.00%	20.919%
5	9.337	998	1005	1019	rBB	200400	401125	87.51%	18.306%
6	10.859	1192	1198	1208	rBV	162126	286133	62.42%	13.058%
7	12.093	1348	1357	1367	rBB	243189	388417	84.74%	17.726%

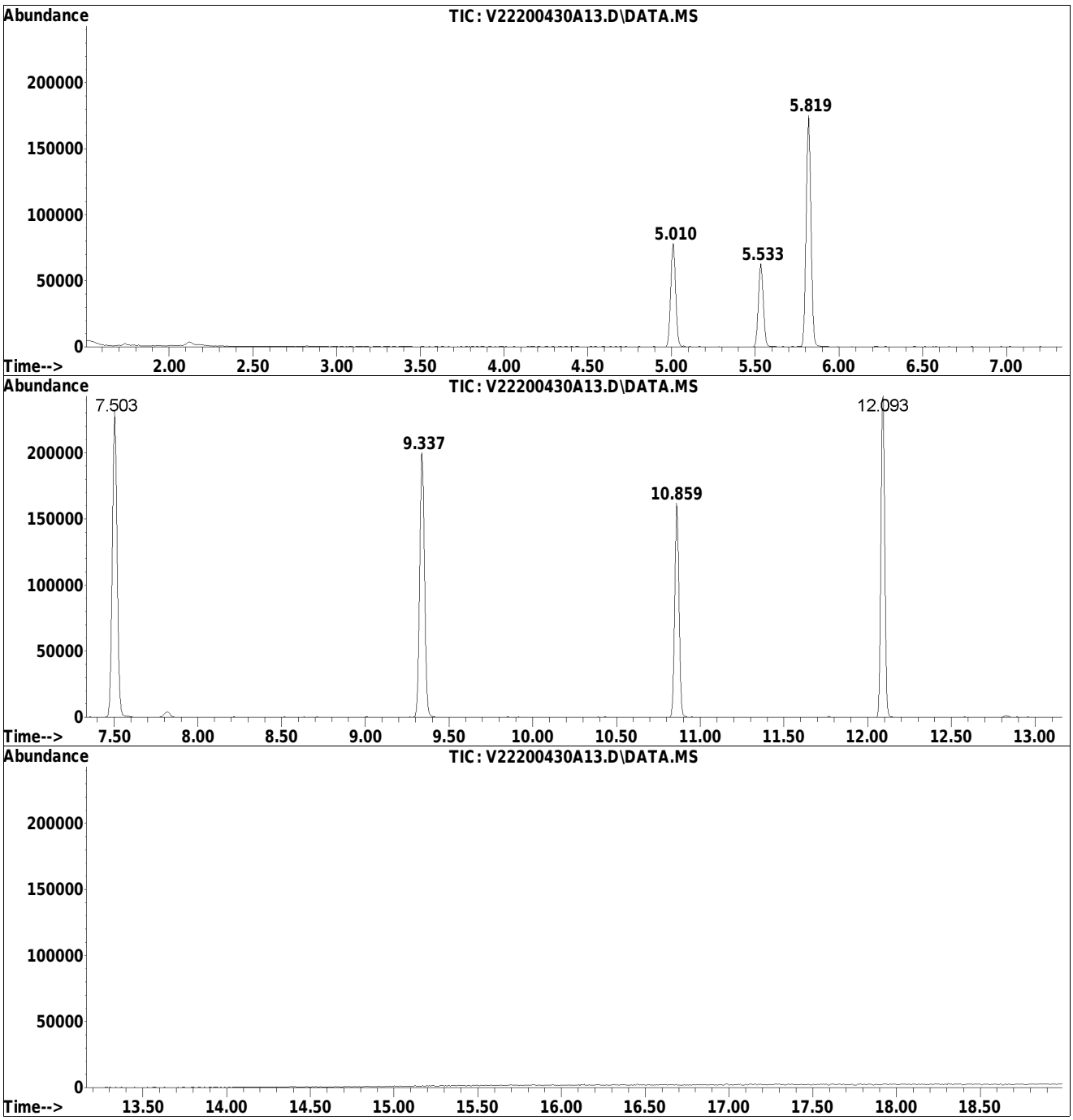
Sum of corrected areas: 2191182

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A13.D
Acq On : 30 Apr 2020 12:56 pm
Operator : VOA122:NLK
Sample : 12017383-04,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A13.D
Acq On : 30 Apr 2020 12:56 pm
Operator : VOA122:NLK
Sample : l2017383-04,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A13.D
Acq On : 30 Apr 2020 12:56 pm
Operator : VOA122:NLK
Sample : 12017383-04,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 13 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	# RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A14.D
Acq On : 30 Apr 2020 01:20 pm
Operator : VOA122:NLK
Sample : 12017383-05,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 30 13:41:52 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.819	96	173330	10.000	ug/L	0.00
Standard Area 1 = 210307			Recovery = 82.42%			
62) Chlorobenzene-d5	9.337	117	144790	10.000	ug/L	0.00
Standard Area 1 = 176227			Recovery = 82.16%			
83) 1,4-Dichlorobenzene-d4	12.093	152	68634	10.000	ug/L	0.00
Standard Area 1 = 91333			Recovery = 75.15%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.010	113	51400	11.216	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 112.16%			
46) 1,2-Dichloroethane-d4	5.533	65	49379	9.871	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.71%			
63) Toluene-d8	7.503	98	173303	9.545	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.45%			
87) 4-Bromofluorobenzene	10.859	95	56269	8.366	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 83.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.825	76	639	0.078	ug/L #	73
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	3.387	43	88	N.D.		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
33) Cyclohexane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		
36) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A14.D
Acq On : 30 Apr 2020 01:20 pm
Operator : VOA122:NLK
Sample : 12017383-05,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 30 13:41:52 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39)	1,1,1-Trichloroethane	0.000		0	N.D.		
41)	2-Butanone	0.000		0	N.D.		
44)	Benzene	0.000		0	N.D.		
47)	1,2-Dichloroethane	0.000		0	N.D.		
50)	Methyl cyclohexane	0.000		0	N.D.		
51)	Trichloroethene	0.000		0	N.D.		
54)	1,2-Dichloropropane	0.000		0	N.D.		
57)	Bromodichloromethane	0.000		0	N.D.		
60)	1,4-Dioxane	0.000		0	N.D.		
61)	cis-1,3-Dichloropropene	0.000		0	N.D.		
64)	Toluene	0.000		0	N.D.		
65)	4-Methyl-2-pentanone	0.000		0	N.D.		
66)	Tetrachloroethene	0.000		0	N.D.		
68)	trans-1,3-Dichloropropene	0.000		0	N.D.		
71)	1,1,2-Trichloroethane	0.000		0	N.D.		
72)	Chlorodibromomethane	0.000		0	N.D.		
74)	1,2-Dibromoethane	0.000		0	N.D.		
76)	2-Hexanone	0.000		0	N.D.		
77)	Chlorobenzene	0.000		0	N.D.		
78)	Ethylbenzene	0.000		0	N.D.		
80)	p/m Xylene	0.000		0	N.D.		
81)	o Xylene	0.000		0	N.D.		
82)	Styrene	0.000		0	N.D.		
84)	Bromoform	0.000		0	N.D.		
86)	Isopropylbenzene	0.000		0	N.D.		
91)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
104)	1,3-Dichlorobenzene	0.000		0	N.D.		
105)	1,4-Dichlorobenzene	0.000		0	N.D.		
108)	1,2-Dichlorobenzene	0.000		0	N.D.		
110)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
113)	1,2,4-Trichlorobenzene	0.000		0	N.D.		
115)	1,2,3-Trichlorobenzene	0.000		0	N.D.		

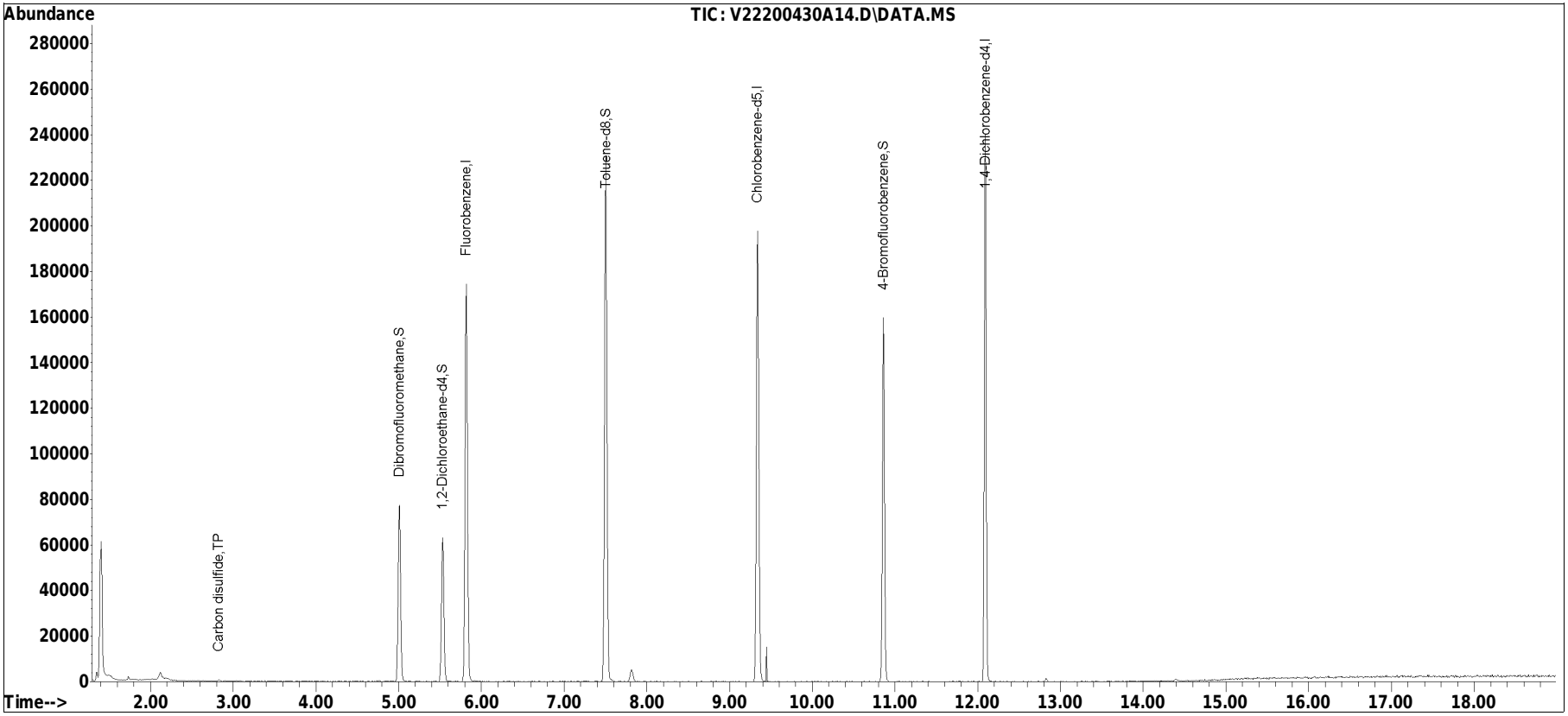
(#) = qualifier out of range (m) = manual integration (+) = signals summed

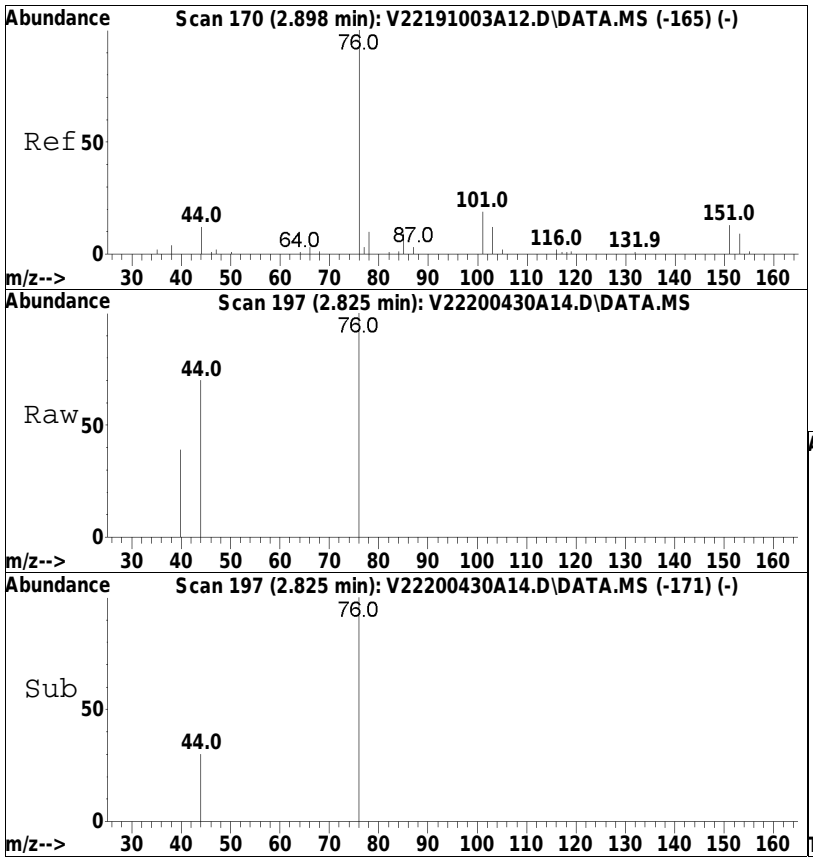
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A14.D
Acq On : 30 Apr 2020 01:20 pm
Operator : VOA122:NLK
Sample : 12017383-05,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 30 13:41:52 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0430A01.D•

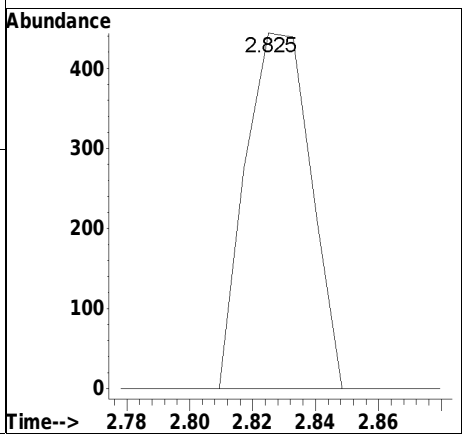




#11
Carbon disulfide
Concen: 0.08 ug/L
RT: 2.825 min Scan# 197
Delta R.T. 0.000 min
Lab File: V22200430A14.D
Acq: 30 Apr 2020 01:20 pm

Tgt Ion: 76 Resp: 639

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.4	13.4#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2020\2	QMethod	: V122_200406N_8260.m
Data File	: V22200430A14.D	Operator	: VOA122:NLK
Date Inj'd	: 4/30/2020 1:20 pm	Instrument	: VOA122
Sample	: 12017383-05,31,10,10,,a	Quant Date	: 4/30/2020 1:41 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A14.D
Acq On : 30 Apr 2020 01:20 pm
Operator : VOA122:NLK
Sample : 12017383-05,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22200430A14.D\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	469	477	486	rBB	77530	159683	35.18%	7.373%
2	5.533	537	544	557	rBB	63248	144541	31.84%	6.674%
3	5.819	568	576	586	rBV	174637	349978	77.10%	16.160%
4	7.503	761	770	786	rBB	230464	453926	100.00%	20.959%
5	9.337	998	1005	1017	rBV	197803	396962	87.45%	18.329%
6	10.859	1191	1198	1208	rBB	159658	281356	61.98%	12.991%
7	12.093	1350	1357	1369	rBB	240073	379301	83.56%	17.514%

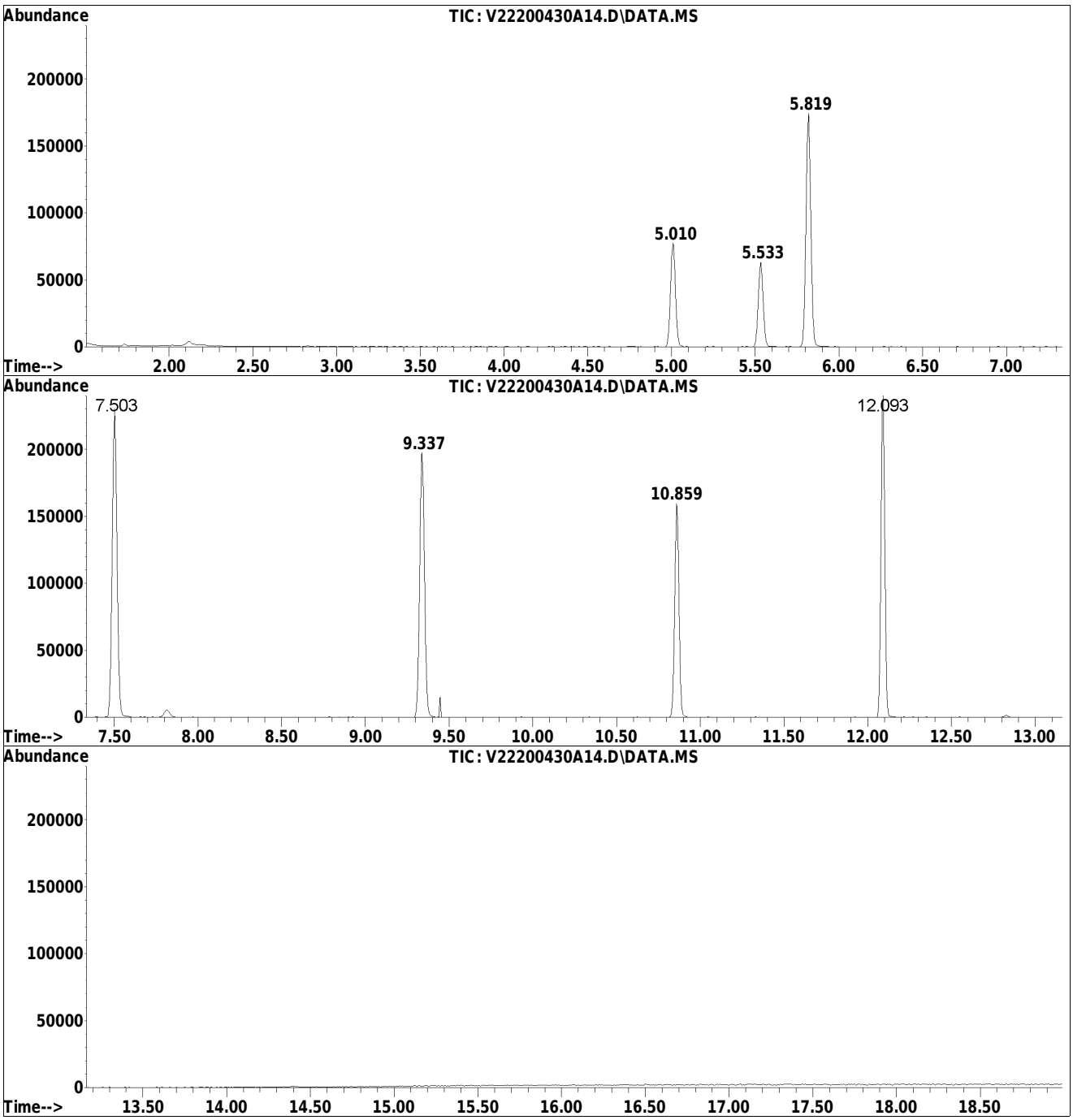
Sum of corrected areas: 2165747

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A14.D
Acq On : 30 Apr 2020 01:20 pm
Operator : VOA122:NLK
Sample : 12017383-05,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 14 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A14.D
Acq On : 30 Apr 2020 01:20 pm
Operator : VOA122:NLK
Sample : l2017383-05,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 14 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A14.D
Acq On : 30 Apr 2020 01:20 pm
Operator : VOA122:NLK
Sample : 12017383-05,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 14 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A15.D
Acq On : 30 Apr 2020 01:45 pm
Operator : VOA122:AJK
Sample : 12017383-06,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 30 15:41:16 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.819	96	175049	10.000	ug/L	0.00
Standard Area 1 = 210307			Recovery = 83.23%			
62) Chlorobenzene-d5	9.337	117	146569	10.000	ug/L	0.00
Standard Area 1 = 176227			Recovery = 83.17%			
83) 1,4-Dichlorobenzene-d4	12.093	152	70698	10.000	ug/L	0.00
Standard Area 1 = 91333			Recovery = 77.41%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.010	113	51439	11.114	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.14%			
46) 1,2-Dichloroethane-d4	5.533	65	50162	9.930	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.30%			
63) Toluene-d8	7.503	98	176177	9.585	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.85%			
87) 4-Bromofluorobenzene	10.859	95	58532	8.448	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 84.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.833	76	428	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
33) Cyclohexane	0.000		0	N.D.		
34) Chloroform	0.000		0	N.D.		
36) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A15.D
Acq On : 30 Apr 2020 01:45 pm
Operator : VOA122:AJK
Sample : 12017383-06,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 30 15:41:16 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,1,1-Trichloroethane	0.000		0	N.D.		
41) 2-Butanone	0.000		0	N.D.		
44) Benzene	0.000		0	N.D.		
47) 1,2-Dichloroethane	0.000		0	N.D.		
50) Methyl cyclohexane	0.000		0	N.D.		
51) Trichloroethene	0.000		0	N.D.		
54) 1,2-Dichloropropane	0.000		0	N.D.		
57) Bromodichloromethane	0.000		0	N.D.		
60) 1,4-Dioxane	0.000		0	N.D.		
61) cis-1,3-Dichloropropene	0.000		0	N.D.		
64) Toluene	0.000		0	N.D.		
65) 4-Methyl-2-pentanone	0.000		0	N.D.		
66) Tetrachloroethene	0.000		0	N.D.		
68) trans-1,3-Dichloropropene	0.000		0	N.D.		
71) 1,1,2-Trichloroethane	0.000		0	N.D.		
72) Chlorodibromomethane	0.000		0	N.D.		
74) 1,2-Dibromoethane	0.000		0	N.D.		
76) 2-Hexanone	0.000		0	N.D.		
77) Chlorobenzene	0.000		0	N.D.		
78) Ethylbenzene	0.000		0	N.D.		
80) p/m Xylene	0.000		0	N.D.		
81) o Xylene	0.000		0	N.D.		
82) Styrene	0.000		0	N.D.		
84) Bromoform	0.000		0	N.D.		
86) Isopropylbenzene	0.000		0	N.D.		
91) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
104) 1,3-Dichlorobenzene	0.000		0	N.D.		
105) 1,4-Dichlorobenzene	0.000		0	N.D.		
108) 1,2-Dichlorobenzene	0.000		0	N.D.		
110) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
113) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
115) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

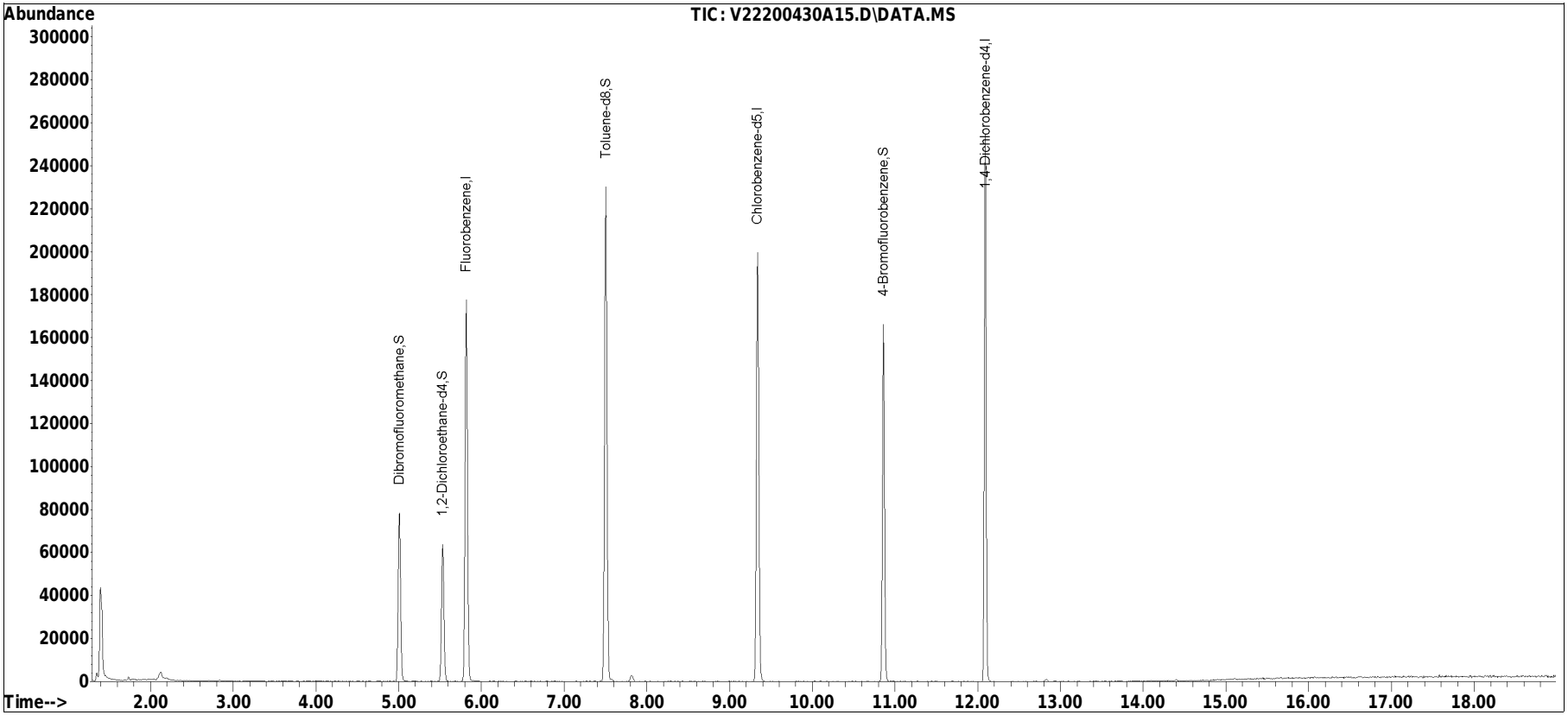
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A15.D
Acq On : 30 Apr 2020 01:45 pm
Operator : VOA122:AJK
Sample : l2017383-06,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 30 15:41:16 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist0430A01.D•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2020\2	QMethod	: V122_200406N_8260.m
Data File	: V22200430A15.D	Operator	: VOA122:AJK
Date Inj'd	: 4/30/2020 1:45 pm	Instrument	: VOA122
Sample	: l2017383-06,31,10,10,,a	Quant Date	: 4/30/2020 3:41 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A15.D
Acq On : 30 Apr 2020 01:45 pm
Operator : VOA122:AJK
Sample : 12017383-06,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22200430A15.D\DATA.MS

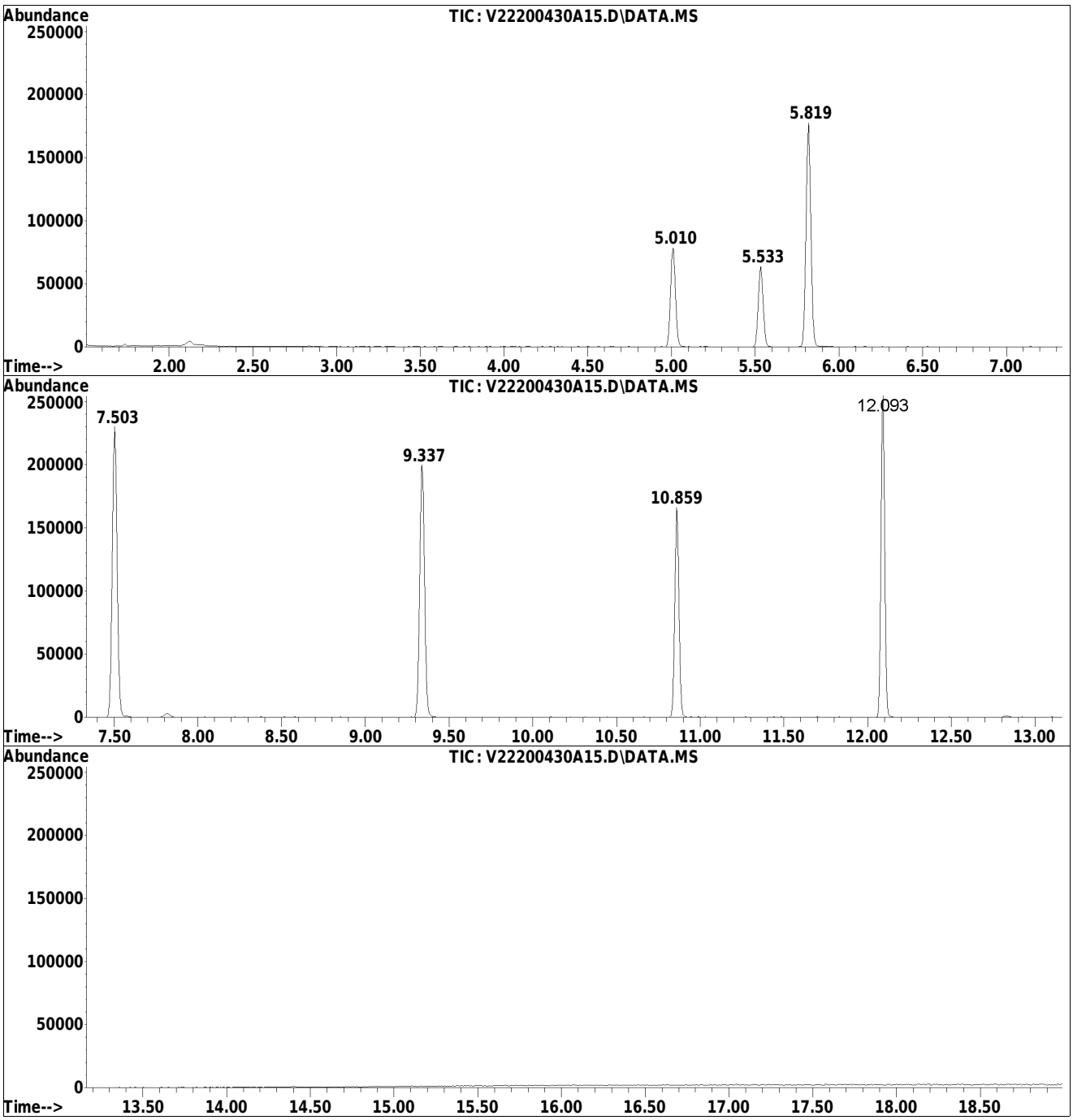
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	471	477	487	rBV	78531	161063	34.89%	7.299%
2	5.533	535	544	556	rBB	63807	144970	31.40%	6.569%
3	5.819	567	576	588	rBV	177653	356005	77.12%	16.132%
4	7.503	760	770	784	rBB	230227	461619	100.00%	20.918%
5	9.337	995	1005	1020	rBB	199797	402699	87.24%	18.248%
6	10.859	1190	1198	1207	rBB	166244	286275	62.02%	12.972%
7	12.093	1349	1357	1368	rBB	254594	394161	85.39%	17.861%

Sum of corrected areas: 2206792

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A15.D
Acq On : 30 Apr 2020 01:45 pm
Operator : VOA122:AJK
Sample : 12017383-06,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 15 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A15.D
Acq On : 30 Apr 2020 01:45 pm
Operator : VOA122:AJK
Sample : l2017383-06,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 15 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A15.D
Acq On : 30 Apr 2020 01:45 pm
Operator : VOA122:AJK
Sample : 12017383-06,31,10,10,,a
Misc : WG1366107,ICAL16648
ALS Vial : 15 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	# RT	Resp	Conc

Method Blank
Raw Data

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A05.D
Acq On : 30 Apr 2020 09:40 am
Operator : VOA122:PD
Sample : WG1366107-5,31,10,10
Misc : WG1366107,ICAL16648
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V22200430A05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	469	477	489	rBB	87723	182969	34.23%	7.204%
2	5.533	536	544	555	rBB	71724	165778	31.02%	6.527%
3	5.819	569	576	588	rBV	201032	408248	76.38%	16.073%
4	7.503	761	770	786	rBB	269822	534465	100.00%	21.043%
5	9.337	997	1005	1020	rBB	230220	459988	86.07%	18.110%
6	10.859	1188	1198	1208	rBB	193694	334042	62.50%	13.152%
7	12.093	1349	1357	1370	rBB	285472	454421	85.02%	17.891%

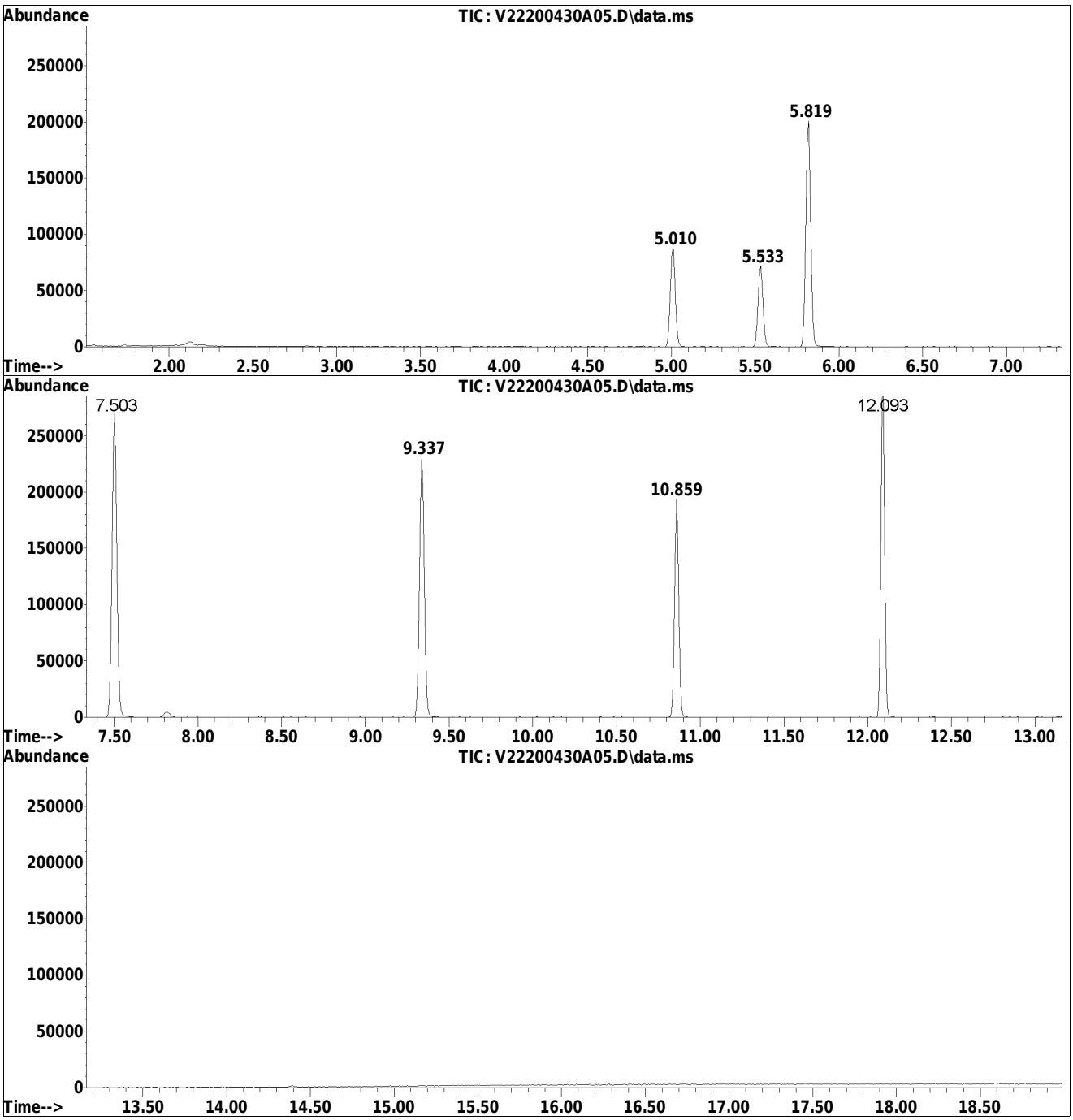
Sum of corrected areas: 2539911

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A05.D
Acq On : 30 Apr 2020 09:40 am
Operator : VOA122:PD
Sample : WG1366107-5,31,10,10
Misc : WG1366107,ICAL16648
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A05.D
Acq On : 30 Apr 2020 09:40 am
Operator : VOA122:PD
Sample : WG1366107-5,31,10,10
Misc : WG1366107,ICAL16648
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A05.D
Acq On : 30 Apr 2020 09:40 am
Operator : VOA122:PD
Sample : WG1366107-5,31,10,10
Misc : WG1366107,ICAL16648
ALS Vial : 5 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A05.D
Acq On : 30 Apr 2020 09:40 am
Operator : VOA122:PD
Sample : WG1366107-5,31,10,10
Misc : WG1366107,ICAL16648
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 30 10:01:50 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.819	96	202552	10.000	ug/L	0.00
Standard Area 1 = 210307			Recovery = 96.31%			
62) Chlorobenzene-d5	9.337	117	167703	10.000	ug/L	0.00
Standard Area 1 = 176227			Recovery = 95.16%			
83) 1,4-Dichlorobenzene-d4	12.093	152	81291	10.000	ug/L	0.00
Standard Area 1 = 91333			Recovery = 89.01%			
System Monitoring Compounds						
38) Dibromofluoromethane	5.010	113	58874	10.993	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.93%			
46) 1,2-Dichloroethane-d4	5.533	65	56772	9.712	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.12%			
63) Toluene-d8	7.503	98	205388	9.767	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.67%			
87) 4-Bromofluorobenzene	10.859	95	69236	8.691	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 86.91%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.076	94	91	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.825	76	481	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.		
21) Methyl tert-butyl ether	0.000		0	N.D.		
25) 1,1-Dichloroethane	0.000		0	N.D.		
30) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Bromochloromethane	0.000		0	N.D.		
33) Cyclohexane	0.000		0	N.D.		
34) Chloroform	4.831	83	401	N.D.		
36) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A05.D
Acq On : 30 Apr 2020 09:40 am
Operator : VOA122:PD
Sample : WG1366107-5,31,10,10
Misc : WG1366107,ICAL16648
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 30 10:01:50 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA122\2020\200430A\V22200430A01.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,1,1-Trichloroethane	0.000		0		N.D.	
41) 2-Butanone	0.000		0		N.D.	
44) Benzene	0.000		0		N.D.	
47) 1,2-Dichloroethane	0.000		0		N.D.	
50) Methyl cyclohexane	0.000		0		N.D.	
51) Trichloroethene	0.000		0		N.D.	
54) 1,2-Dichloropropane	0.000		0		N.D.	
57) Bromodichloromethane	0.000		0		N.D.	
60) 1,4-Dioxane	0.000		0		N.D.	
61) cis-1,3-Dichloropropene	0.000		0		N.D.	
64) Toluene	0.000		0		N.D.	
65) 4-Methyl-2-pentanone	0.000		0		N.D.	
66) Tetrachloroethene	0.000		0		N.D.	
68) trans-1,3-Dichloropropene	0.000		0		N.D.	
71) 1,1,2-Trichloroethane	0.000		0		N.D.	
72) Chlorodibromomethane	0.000		0		N.D.	
74) 1,2-Dibromoethane	0.000		0		N.D.	
76) 2-Hexanone	0.000		0		N.D.	
77) Chlorobenzene	0.000		0		N.D.	
78) Ethylbenzene	9.337	91	85		N.D.	
80) p/m Xylene	0.000		0		N.D.	
81) o Xylene	0.000		0		N.D.	
82) Styrene	0.000		0		N.D.	
84) Bromoform	0.000		0		N.D.	
86) Isopropylbenzene	0.000		0		N.D.	
91) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
104) 1,3-Dichlorobenzene	12.016	146	72		N.D.	
105) 1,4-Dichlorobenzene	12.100	146	301		N.D.	
108) 1,2-Dichlorobenzene	0.000		0		N.D.	
110) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
113) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
115) 1,2,3-Trichlorobenzene	14.418	180	73		N.D.	

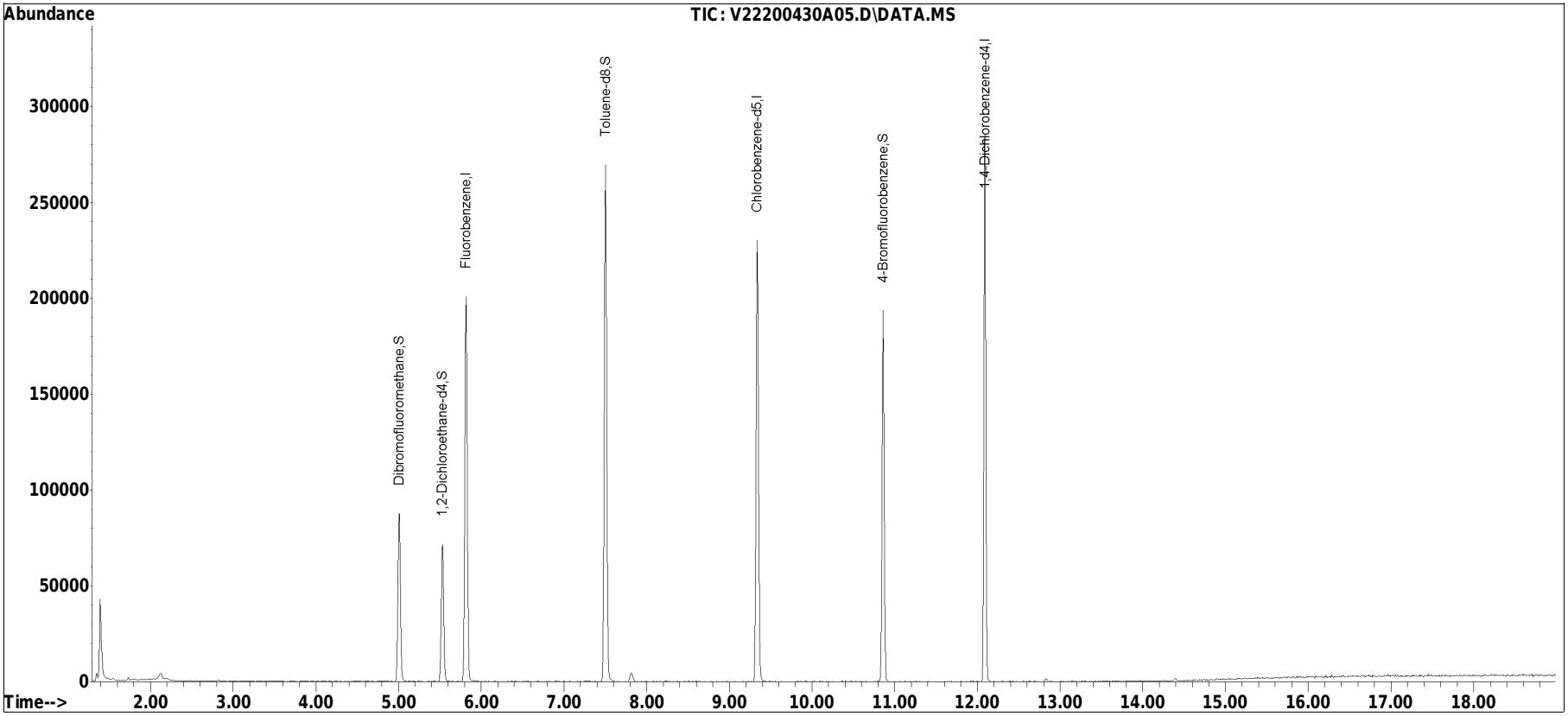
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA122\2020\200430A\
Data File : V22200430A05.D
Acq On : 30 Apr 2020 09:40 am
Operator : VOA122:PD
Sample : WG1366107-5,31,10,10
Misc : WG1366107,ICAL16648
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 30 10:01:50 2020
Quant Method : I:\VOLATILES\VOA122\2020\200430A\V122_200406N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Apr 07 12:52:43 2020
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox00430A\V22200430A01.D•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA122\2020\2	QMethod	: V122_200406N_8260.m
Data File	: V22200430A05.D	Operator	: VOA122:PD
Date Inj'd	: 4/30/2020 9:40 am	Instrument	: VOA122
Sample	: WG1366107-5,31,10,10	Quant Date	: 4/30/2020 10:00 am

There are no manual integrations or false positives in this file.

GC/MS Extractable Analysis
Method 8270

Sample Results Summary

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 02:08
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.4	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 02:08
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 02:08
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 02:08
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-01	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	5.60	2.14	J
	Unknown Alkane	7.45	2.98	J
	Unknown Alkane	8.63	2.25	J
	Unknown	11.66	6.98	J
	Unknown	12.17	2.22	J
	Unknown	12.40	11.7	J
	Unknown	12.72	32.8	J
	Unknown	13.32	23.3	J
	Unknown	13.45	2.8	J
	Unknown	13.99	13.5	J
	Unknown	14.22	26.6	J
	Unknown	14.86	16.1	J
	Unknown	15.06	25.3	J
	Unknown	15.66	17.4	J
	Unknown	15.85	20.2	J
	Total TIC Compounds		206J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 02:34
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-02	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L2017383
Project Name	: PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: L2017383-02	Date Collected	: 04/27/20 09:51
Client ID	: MW-2	Date Received	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 04/30/20 02:34
Sample Matrix	: WATER	Date Extracted	: 04/28/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 17383-02	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 02:34
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-02	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 02:34
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-02	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 7

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	5.60	1.71	J
	Unknown Alkane	5.73	1.49	J
	Unknown Alkane	7.45	2.4	J
	Unknown	7.76	1.71	J
	Unknown Alkane	8.63	1.96	J
	Unknown Organic Acid	12.72	3.34	J
	Total TIC Compounds		12.6J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 03:01
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-03	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 03:01
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-03	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 03:01
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-03	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 03:01
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-03	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 10 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	5.60	2.33	J
	Unknown Alkane	5.73	1.67	J
	Unknown	7.00	1.49	J
	Unknown Alkane	7.45	3.09	J
	Unknown Benzene	7.76	2.18	J
	Unknown Alkane	8.63	2.25	J
010544-50-0	Cyclic octaatomic sulfur	11.66	10.5	NJ
	Unknown	12.72	4.47	J
	Unknown	13.92	1.89	J
	Total TIC Compounds		29.9J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L2017383
Project Name	: PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: L2017383-04	Date Collected	: 04/27/20 10:46
Client ID	: MW-4	Date Received	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 04/30/20 03:27
Sample Matrix	: WATER	Date Extracted	: 04/28/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 17383-04	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 03:27
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-04	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 03:27
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-04	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 03:27
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 17383-04	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.40	1.64	J
	Unknown	4.67	1.45	J
	Total TIC Compounds		3.09J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L2017383
Project Name	: PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: WG1364962-1	Date Collected	: NA
Client ID	: WG1364962-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/28/20 11:17
Sample Matrix	: WATER	Date Extracted	: 04/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 364962-1	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV124
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L2017383
Project Name	: PISTOIA TIRE CO INC.	Project Number	: 0064-4
Lab ID	: WG1364962-1	Date Collected	: NA
Client ID	: WG1364962-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/28/20 11:17
Sample Matrix	: WATER	Date Extracted	: 04/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 364962-1	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV124
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1364962-1	**Date Collected**	: NA
Client ID	: WG1364962-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/28/20 11:17
Sample Matrix	: WATER	**Date Extracted**	: 04/27/20
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 364962-1	**Analyst**	: SZ
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	10.86	3.45	J
	Total TIC Compounds		3.45J	J

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 09/27/19 20:15
Tune Standard	: R1239760-1	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	45.9
68	Less than 2.0% of mass 69	0.9 (1.8)1
70	Less than 2.0% of mass 69	0.3 (.5)1
127	10.0 - 80.0% of Base Peak	60.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	19.5
365	Greater than 1.0% of mass 198	2
441	Present, but less than 24% of mass 442	16.6
442	Base Peak, or >50% of mass 198	61.4
443	15.0 - 24.0% of mass 442	11.8 (19.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1239760-8	ABNL10	09/27/19 20:42
ABNL9	R1239760-17	ABNL9	09/27/19 21:08
ABNL8	R1239760-15	ABNL8	09/27/19 21:35
ABNL7	R1239760-13	ABNL7	09/27/19 22:01
ABNL6	R1239760-14	ABNL6	09/27/19 22:28
ABNL5	R1239760-11	ABNL5	09/27/19 22:55
ABNL4	R1239760-12	ABNL4	09/27/19 23:21
ABNL3	R1239760-10	ABNL3	09/27/19 23:48
ABNL2	R1239760-9	ABNL2	09/28/19 00:15
ABNL1	R1239760-7	ABNL1	09/28/19 00:41
AP9L10	R1239760-28	AP9L10	09/28/19 01:08
AP9L9	R1239760-33	AP9L9	09/28/19 01:34
AP9L8	R1239760-35	AP9L8	09/28/19 02:01
AP9L7	R1239760-34	AP9L7	09/28/19 02:28
AP9L6	R1239760-36	AP9L6	09/28/19 02:54
AP9L5	R1239760-31	AP9L5	09/28/19 03:21
AP9L4	R1239760-29	AP9L4	09/28/19 03:48
AP9L3	R1239760-30	AP9L3	09/28/19 04:14
AP9L2	R1239760-32	AP9L2	09/28/19 04:41
AP9L1	R1239760-27	AP9L1	09/28/19 05:07
AP9 ICV Quant Report	R1239760-4	AP9ICV	09/28/19 06:01

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 09/28/19 06:27
Tune Standard	: R1239760-2	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	44.6
68	Less than 2.0% of mass 69	1 (1.8)1
70	Less than 2.0% of mass 69	0.3 (.5)1
127	10.0 - 80.0% of Base Peak	58.6
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 60.0% of Base Peak	19.6
365	Greater than 1.0% of mass 198	2
441	Present, but less than 24% of mass 442	16.3
442	Base Peak, or >50% of mass 198	53.5
443	15.0 - 24.0% of mass 442	10.8 (20.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R1239760-20	ADPL10	09/28/19 06:54
ADPL9	R1239760-25	ADPL9	09/28/19 07:20
ADPL8	R1239760-24	ADPL8	09/28/19 07:47
ADPL7	R1239760-26	ADPL7	09/28/19 08:13
ADPL6	R1239760-22	ADPL6	09/28/19 08:40
ADPL5	R1239760-21	ADPL5	09/28/19 09:07
ADPL4	R1239760-23	ADPL4	09/28/19 09:33
ADPL3	R1239760-19	ADPL3	09/28/19 10:00
ADPL2	R1239760-18	ADPL2	09/28/19 10:27
ADPL1	R1239760-16	ADPL1	09/28/19 10:53
ADP ICV Quant Report	R1239760-5	ADPICV	09/28/19 11:20

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 10/04/19 08:35
Tune Standard	: R1239760-3	**Tune File ID**	: Tune3_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	46.6
68	Less than 2.0% of mass 69	1 (1.7)1
70	Less than 2.0% of mass 69	0.4 (.7)1
127	10.0 - 80.0% of Base Peak	64.3
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	19.8
365	Greater than 1.0% of mass 198	1.9
441	Present, but less than 24% of mass 442	16
442	Base Peak, or >50% of mass 198	55.1
443	15.0 - 24.0% of mass 442	10.6 (19.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABN ICV Quant Report	R1239760-6	ABNICVB	10/04/19 13:02

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 04/29/20 19:24
Tune Standard	: WG1365800-1	**Tune File ID**	: Deg0429n_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	42.2
68	Less than 2.0% of mass 69	0.8 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.3 (.6)1
127	10.0 - 80.0% of Base Peak	51.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	20.7
365	Greater than 1.0% of mass 198	2.3
441	Present, but less than 24% of mass 442	16
442	Base Peak, or >50% of mass 198	77.6
443	15.0 - 24.0% of mass 442	15.2 (19.5)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1365800-3CCAL	WG1365800-3	ABN0429N	04/29/20 19:51
WG1365800-4CCAL	WG1365800-4	AP90429N	04/29/20 20:18
WG1365800-5CCAL	WG1365800-5	ADP0429N	04/29/20 20:45
MW-1	L2017383-01	17383-01	04/30/20 02:08
MW-2	L2017383-02	17383-02	04/30/20 02:34
MW-3	L2017383-03	17383-03	04/30/20 03:01
MW-4	L2017383-04	17383-04	04/30/20 03:27

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV124	**Analysis Date**	: 04/05/20 14:22
Tune Standard	: R1302539-34	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	35.7
68	Less than 2.0% of mass 69	0.5 (1.4)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	49.4
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 60.0% of Base Peak	23.6
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	15.9
442	Base Peak, or >50% of mass 198	67.6
443	15.0 - 24.0% of mass 442	12.6 (18.6)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1302539-2	ABNL10	04/05/20 14:46
ABNL9	R1302539-11	ABNL9	04/05/20 15:09
ABNL8	R1302539-8	ABNL8	04/05/20 15:33
ABNL7	R1302539-9	ABNL7	04/05/20 15:56
ABNL6	R1302539-6	ABNL6	04/05/20 16:20
ABNL5	R1302539-7	ABNL5	04/05/20 16:44
ABNL4	R1302539-5	ABNL4	04/05/20 17:07
ABNL3	R1302539-3	ABNL3	04/05/20 17:31
ABNL2	R1302539-4	ABNL2	04/05/20 17:54
ABNL1	R1302539-1	ABNL1	04/05/20 18:18
AP9L10	R1302539-21	AP9L10	04/05/20 18:41
AP9L9	R1302539-29	AP9L9	04/05/20 19:05
AP9L8	R1302539-30	AP9L8	04/05/20 19:29
AP9L7	R1302539-26	AP9L7	04/05/20 19:53
AP9L6	R1302539-27	AP9L6	04/05/20 20:17
AP9L5	R1302539-28	AP9L5	04/05/20 20:41
AP9L4	R1302539-24	AP9L4	04/05/20 21:05
AP9L3	R1302539-25	AP9L3	04/05/20 21:29
AP9L2	R1302539-23	AP9L2	04/05/20 21:53
AP9L1	R1302539-22	AP9L1	04/05/20 22:17
ABN ICV Quant Report	R1302539-31	ABNICV	04/05/20 22:41
AP9 ICV Summary Form	R1302539-33	AP9ICV	04/05/20 23:05

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV124	**Analysis Date**	: 04/05/20 23:28
Tune Standard	: R1302539-35	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	32.9
68	Less than 2.0% of mass 69	0.5 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.1 (.5)1
127	10.0 - 80.0% of Base Peak	47.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 60.0% of Base Peak	23.8
365	Greater than 1.0% of mass 198	2.8
441	Present, but less than 24% of mass 442	15.9
442	Base Peak, or >50% of mass 198	70.3
443	15.0 - 24.0% of mass 442	13.4 (19.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R1302539-13	ADPL10	04/05/20 23:52
ADPL9	R1302539-20	ADPL9	04/06/20 00:15
ADPL8	R1302539-19	ADPL8	04/06/20 00:39
ADPL7	R1302539-18	ADPL7	04/06/20 01:02
ADPL6	R1302539-16	ADPL6	04/06/20 01:26
ADPL5	R1302539-17	ADPL5	04/06/20 01:49
ADPL4	R1302539-15	ADPL4	04/06/20 02:12
ADPL3	R1302539-14	ADPL3	04/06/20 02:35
ADPL2	R1302539-12	ADPL2	04/06/20 02:59
ADPL1	R1302539-10	ADPL1	04/06/20 03:22
ADP ICV Quant Report	R1302539-32	ADPICV	04/06/20 03:46

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV124	**Analysis Date**	: 04/28/20 09:43
Tune Standard	: WG1365230-1	**Tune File ID**	: Deg0428_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	41.9
68	Less than 2.0% of mass 69	0.6 (1.5)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	53.8
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	21.5
365	Greater than 1.0% of mass 198	2.5
441	Present, but less than 24% of mass 442	15.9
442	Base Peak, or >50% of mass 198	58.1
443	15.0 - 24.0% of mass 442	11 (18.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1365230-3CCAL	WG1365230-3	ABN0428	04/28/20 10:06
WG1365230-4CCAL	WG1365230-4	AP90428	04/28/20 10:30
WG1365230-5CCAL	WG1365230-5	ADP0428	04/28/20 10:53
WG1364962-1BLANK	WG1364962-1	364962-1	04/28/20 11:17
WG1364962-2LCS	WG1364962-2	364962-2	04/28/20 11:41
WG1364962-3LCSD	WG1364962-3	364962-3	04/28/20 12:04

Blank Results Summary

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab Sample ID	: WG1364962-1	**Lab File ID**	: 364962-1
Instrument ID	: SV124	**Extraction Date**	: 04/27/20
Matrix	: WATER	**Analysis Date**	: 04/28/20 11:17
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1364962-2LCS	WG1364962-2	04/28/20 11:41
WG1364962-3LCSD	WG1364962-3	04/28/20 12:04
MW-1	L2017383-01	04/30/20 02:08
MW-2	L2017383-02	04/30/20 02:34
MW-3	L2017383-03	04/30/20 03:01
MW-4	L2017383-04	04/30/20 03:27

Standards Data Summary

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL16200**
Calibration dates	**: 09/27/19 20:42 09/28/19 10:53**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.620	0.597	0.608	0.609	0.624	0.557	0.591	0.601	0.528	0.511	0.585	6.67
3)	t	Pyridine	0.906	0.703	0.991	0.905	0.994	0.924	0.936	0.969	0.877	0.827	0.903	9.64
4)	S	2-Fluorophenol	0.717	0.746	0.770	0.812	0.828	0.841	0.850	0.859	0.786	0.760	0.797	6.08
5)	T	Aniline	1.262	1.476	1.393	1.462	1.473	1.440	1.480	1.425	1.333	1.291	1.403	5.77
6)	t	2-Chlorophenol	0.735	0.824	0.858	0.896	0.918	0.897	0.916	0.888	0.840	0.819	0.859	6.60
7)	S	Phenol-d6	0.895	0.893	1.034	1.072	1.133	1.099	1.139	1.119	1.044	1.017	1.045	8.58
8)	T	Phenol	1.089	1.123	1.156	1.215	1.225	1.205	1.201	1.199	1.113	1.077	1.160	4.80
9)	T	bis(2-Chloroethyl)ether	1.013	1.006	0.957	1.013	1.037	0.963	0.976	0.952	0.885	0.862	0.966	5.86
10)	T	1,3-Dichlorobenzene		1.032	1.032	1.007	1.061	0.987	1.010	1.000	0.918	0.889	0.993	5.60
11)	T	1,4-Dichlorobenzene		1.044	1.069	1.097	1.075	1.013	1.022	1.025	0.942	0.916	1.023	5.89
12)	T	1,2-Dichlorobenzene		0.991	0.953	1.025	1.048	0.962	0.967	0.969	0.866	0.875	0.962	6.29
13)	t	Benzyl alcohol	0.747	0.778	0.799	0.839	0.891	0.882	0.925	0.913	0.853	0.835	0.846	6.91
14)	T	bis(2-chloroisopropyl)ether	1.101	1.115	1.096	1.126	1.148	1.099	1.102	1.061	0.954	0.916	1.072	7.09
15)	T	2-Methylphenol	0.654	0.780	0.758	0.804	0.845	0.839	0.873	0.861	0.808	0.769	0.799	8.03
16)	T	Hexachloroethane	0.456	0.419	0.423	0.449	0.450	0.416	0.425	0.411	0.382	0.374	0.421	6.50
17)	T	n-Nitrosodi-n-propylamine	0.685	0.713	0.687	0.733	0.738	0.736	0.785	0.741	0.692	0.671	0.718	4.84
18)	T	3-Methylphenol/4-Methylphenol	0.769	0.772	0.810	0.904	0.957	0.888	0.938	0.914	0.850	0.822	0.862	7.85
19)	S	Nitrobenzene-d5	1.365	1.336	1.354	1.468	1.488	1.421	1.515	1.454	1.331	1.288	1.402	5.51
20)	T	Nitrobenzene	1.058	1.098	1.119	1.227	1.253	1.160	1.222	1.180	1.085	1.045	1.145	6.50
21)	T	Isophorone	1.618	1.739	1.800	1.961	2.046	1.994	2.094	2.039	1.921	1.900	1.911	7.90
22)	T	2-Nitrophenol				0.401	0.419	0.432	0.456	0.453	0.434	0.421	0.431	4.51
23)	T	2,4-Dimethylphenol	0.749	0.921	0.949	1.014	1.068	1.025	1.072	1.051	0.978	0.917	0.974	10.02
24)	T	bis(2-Chloroethoxy)methane		1.208	1.278	1.289	1.344	1.224	1.289	1.244	1.123	1.110	1.234	6.34
25)	T	2,4-Dichlorophenol		0.531	0.640	0.710	0.741	0.729	0.783	0.766	0.695	0.696	0.699	10.85
26)	T	1,2,4-Trichlorobenzene		0.835	0.831	0.859	0.816	0.783	0.783	0.776	0.732	0.717	0.793	6.01
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.741	0.732	0.744	0.794	0.841	0.816	0.798	0.844	0.843	0.812	0.797	5.49
29)	T	Acetophenone	1.225	1.283	1.325	1.370	1.474	1.464	1.436	1.485	1.531	1.473	1.407	7.14
30)	T	m-Toluidine		1.013	1.200	1.271	1.394	1.417	1.423	1.528	1.548	1.477	1.363	12.70
31)	T	2-Chloroaniline	0.919	0.963	1.076	1.095	1.157	1.159	1.159	1.228	1.251	1.177	1.118	9.63
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	n-Decane	0.899	0.894	0.862	0.949	0.932	0.979	0.977	0.965	0.985	0.959	0.940	4.47
34)	I	IS1_Naphthalene-d8	----------ISTD----------											
35)	T	Naphthalene		1.124	1.159	1.170	1.188	1.161	1.119	1.140	1.128	1.133	1.147	2.06
36)	T	Benzoic Acid					0.166	0.200	0.256	0.278	0.315	0.323	*L	0.9987

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL16200**
Calibration dates	**: 09/27/19 20:42 09/28/19 10:53**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37)	T	4-Chloroaniline	0.107	0.160	0.143	0.153	0.171	0.167	0.166	0.169	0.163	0.165	0.156	12.35
38)	T	Hexachlorobutadiene	0.165	0.177	0.178	0.175	0.173	0.179	0.172	0.175	0.174	0.178	0.175	2.30
39)	T	p-Chloro-m-cresol		0.260	0.301	0.329	0.363	0.363	0.370	0.377	0.383	0.378	0.347	12.15
40)	T	2-Methylnaphthalene		0.670	0.719	0.739	0.744	0.734	0.716	0.753	0.728	0.739	0.727	3.35
41)	T	1-Methylnaphthalene		0.310	0.316	0.327	0.337	0.318	0.315	0.324	0.308	0.310	0.318	2.97
42)	T	Hexachlorocyclopentadiene			0.191	0.200	0.197	0.207	0.213	0.224	0.225	0.222	0.210	6.29
43)	T	2,4,6-Trichlorophenol			0.165	0.205	0.199	0.217	0.220	0.234	0.238	0.238	0.214	11.50
44)	T	2,4,5-Trichlorophenol			0.197	0.210	0.226	0.232	0.240	0.251	0.239	0.247	0.230	8.06
45)	S	2-Fluorobiphenyl	1.052	1.033	1.030	1.072	1.087	1.052	1.040	1.078	1.056	1.057	1.056	1.78
46)	T	2-Chloronaphthalene	0.649	0.711	0.712	0.727	0.738	0.710	0.706	0.735	0.717	0.731	0.714	3.57
47)	T	2-Nitroaniline			0.171	0.190	0.207	0.215	0.238	0.246	0.239	0.236	0.218	12.35
48)	T	1,4-Dinitrobenzene					0.100	0.105	0.107	0.117	0.116	0.115	0.110	6.36
49)	T	1,3-Dinitrobenzene				0.100	0.116	0.121	0.126	0.128	0.124	0.125	0.120	8.06
50)	T	Dimethyl phthalate	1.037	0.913	0.876	0.866	0.887	0.873	0.856	0.854	0.812	0.804	0.878	7.36
51)	T	Acenaphthylene	0.971	0.946	1.067	1.091	1.151	1.145	1.131	1.179	1.148	1.144	1.097	7.27
52)	T	2,6-Dinitrotoluene			0.143	0.162	0.178	0.178	0.180	0.190	0.180	0.185	0.175	8.68
53)	T	1,2-Dinitrobenzene			0.067	0.068	0.077	0.077	0.079	0.081	0.079	0.077	0.076	6.97
54)	I	IS2_Naphthalene-d8	----------ISTD----------											
55)	T	a-Terpineol		0.227	0.269	0.274	0.295	0.294	0.314	0.319	0.336	0.315	0.294	11.27
56)	T	3-Chloroaniline	0.139	0.152	0.172	0.177	0.182	0.179	0.186	0.193	0.196	0.185	0.176	10.11
57)	T	2,6-Dichlorophenol			0.233	0.247	0.268	0.281	0.293	0.294	0.318	0.299	0.279	10.17
58)	T	1-chloro-2-nitrobenzene			0.168	0.163	0.175	0.167	0.181	0.177	0.186	0.177	0.174	4.37
59)	T	Caprolactam			0.088	0.100	0.122	0.140	0.160	0.159	0.173	0.162	*L	0.9982
60)	T	1,2,4,5-Tetrachlorobenzene	0.302	0.299	0.299	0.308	0.319	0.315	0.312	0.299	0.330	0.306	0.309	3.34
61)	T	Biphenyl	0.811	0.819	0.880	0.857	0.930	0.891	0.911	0.900	0.936	0.875	0.881	4.80
62)	I	IS1_Acenaphthene-d10	----------ISTD----------											
63)	T	3-Nitroaniline			0.306	0.338	0.363	0.357	0.363	0.365	0.392	0.357	0.355	6.95
64)	T	Acenaphthene		1.250	1.230	1.208	1.197	1.171	1.152	1.164	1.252	1.164	1.199	3.22
65)	T	2,4-Dinitrophenol					0.130	0.147	0.174	0.183	0.218	0.205	*L	0.9970
66)	T	Dibenzofuran		1.881	1.922	1.866	1.949	1.766	1.759	1.784	1.820	1.728	1.830	4.24
67)	T	2,4-Dinitrotoluene			0.349	0.412	0.456	0.426	0.429	0.461	0.475	0.461	0.434	9.29
68)	T	4-Nitrophenol				0.314	0.330	0.352	0.358	0.383	0.410	0.383	0.362	9.15
69)	T	2,3,5,6-Tetrachlorophenol				0.274	0.290	0.291	0.305	0.321	0.329	0.327	0.305	6.89
70)	T	2,3,4,6-Tetrachlorophenol			0.248	0.292	0.309	0.295	0.312	0.317	0.328	0.317	0.302	8.26
71)	T	Diethyl phthalate	1.448	1.510	1.574	1.544	1.577	1.537	1.532	1.595	1.663	1.573	1.555	3.64
72)	T	Fluorene	1.282	1.336	1.501	1.438	1.479	1.394	1.397	1.422	1.486	1.421	1.416	4.81

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL16200**
Calibration dates	**: 09/27/19 20:42 09/28/19 10:53**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
73)	T	4-Chlorophenyl-phenylether		0.684	0.681	0.694	0.673	0.657	0.651	0.658	0.673	0.638	0.668	2.69
74)	T	4-Nitroaniline			0.318	0.376	0.381	0.371	0.410	0.401	0.427	0.393	0.385	8.49
75)	T	4,6-Dinitro-o-cresol				0.175	0.200	0.214	0.239	0.266	0.295	0.274	*L	0.9970
76)	T	NDPA/DPA	1.046	1.140	1.284	1.269	1.315	1.261	1.277	1.282	1.348	1.275	1.250	7.12
77)	T	Azobenzene		1.580	1.701	1.794	1.795	1.732	1.751	1.736	1.845	1.705	1.738	4.34
78)	S	2,4,6-Tribromophenol			0.099	0.112	0.117	0.125	0.128	0.134	0.149	0.146	0.126	13.22
79)	T	4-Bromophenyl-phenylether	0.288	0.328	0.334	0.316	0.333	0.311	0.336	0.323	0.345	0.340	0.325	5.21
80)	T	Hexachlorobenzene	0.306	0.305	0.318	0.308	0.309	0.302	0.308	0.321	0.338	0.334	0.315	3.99
81)	T	Pentachlorophenol				0.155	0.178	0.187	0.203	0.226	0.256	0.242	*L	0.9971
82)	I	IS2_Acenaphthene-d10	----------ISTD----------											
83)	T	Dichloran				0.091	0.117	0.130	0.152	0.167	0.181	0.175	*Q	0.9989
84)	T	Pentachloronitrobenzene			0.114	0.130	0.154	0.152	0.148	0.165	0.167	0.158	0.148	12.07
85)	I	IS3_Acenaphthene-d10	----------ISTD----------											
86)	T	Atrazine		0.182	0.207	0.239	0.295	0.328	0.356	0.357	0.390	0.395	*Q	0.9989
87)	I	IS1_Phenanthrene-d10	----------ISTD----------											
88)	T	Phenanthrene		1.243	1.205	1.197	1.224	1.188	1.235	1.212	1.253	1.207	1.218	1.79
89)	T	Anthracene	1.022	1.095	1.148	1.189	1.247	1.208	1.236	1.264	1.264	1.256	1.193	6.84
90)	T	Carbazole		0.812	0.995	1.103	1.124	1.144	1.205	1.191	1.226	1.170	1.108	11.76
91)	T	Di-n-butylphthalate			1.032	1.168	1.367	1.415	1.527	1.573	1.679	1.595	*L	0.9990
92)	T	Fluoranthene	1.047	1.056	1.152	1.241	1.322	1.306	1.372	1.380	1.467	1.340	1.268	11.16
93)	T	Benzidine					0.742	0.836	0.990	1.008	1.093	1.005	0.946	13.74
94)	T	Pyrene	1.170	1.210	1.242	1.329	1.465	1.402	1.484	1.479	1.542	1.473	1.380	9.59
95)	S	4-Terphenyl-d14		0.872	0.898	0.923	1.009	0.960	1.047	1.057	1.094	1.027	0.987	7.84
96)	T	Butyl benzyl phthalate			0.334	0.424	0.516	0.592	0.688	0.705	0.758	0.718	*L	0.9984
97)	I	IS2_Phenanthrene-d10	----------ISTD----------											
98)	T	Diphenamid			0.333	0.395	0.464	0.505	0.549	0.574	0.579	0.585	0.498	18.83
99)	I	IS3_Phenanthrene-d10	----------ISTD----------											
100)	T	n-Octadecane			0.415	0.472	0.489	0.523	0.547	0.522	0.544	0.538	0.506	8.95
101)	T	Parathion			0.047	0.064	0.075	0.097	0.136	0.141	0.181	0.181	*Q	0.9982
102)	T	3,3'-Dimethylbenzidine			0.195	0.297	0.389	0.502	0.678	0.690	0.810		*Q	0.9996
103)	I	IS1_Chrysene-d12	----------ISTD----------											
104)	T	Benzo[a]anthracene	1.145	1.170	1.225	1.316	1.394	1.383	1.417	1.456	1.498	1.480	1.348	9.53
105)	T	3,3'-Dichlorobenzidine			0.286	0.357	0.418	0.449	0.489	0.504	0.523	0.529	*L	0.9996
106)	T	Chrysene	1.626	1.399	1.518	1.390	1.474	1.456	1.408	1.421	1.452	1.474	1.462	4.78
107)	T	bis(2-Ethylhexyl)phthalate		0.399	0.615	0.807	0.968	1.076	1.130	1.181	1.221	1.250	*L	0.9872
108)	T	Di-n-octylphthalate			0.727	1.062	1.358	1.628	1.872	2.008	2.121	2.209	*L	0.9980

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL16200**
Calibration dates	**: 09/27/19 20:42 09/28/19 10:53**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
109)	T	Benzo(b)fluoranthene		0.983	1.207	1.375	1.369	1.305	1.279	1.265	1.411	1.484	1.298	11.15
110)	T	Benzo(k)fluoranthene		1.000	1.106	1.156	1.192	1.182	1.275	1.322	1.347	1.300	1.209	9.37
111)	T	Benzo(a)pyrene		0.735	0.935	1.166	1.164	1.226	1.245	1.312	1.344	1.338	*L	0.9995
112)	I	IS1_Perylene-d12	----------ISTD----------											
113)	T	Indeno(1,2,3-cd)pyrene		0.787	0.815	0.955	1.109	1.083	1.154	1.108	1.223	1.159	1.044	14.91
114)	T	Dibenzo[a,h]anthracene		0.854	0.982	1.073	1.169	1.161	1.236	1.160	1.214	1.147	1.111	11.04
115)	T	Benzo(g,h,i)perylene	0.876	1.002	1.023	1.077	1.127	1.170	1.222	1.134	1.063		1.077	9.56

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL16655**
Calibration dates	**: 04/05/20 14:46 04/06/20 03:22**		

Calibration Files
L1 =AP9L1.d L2 =AP9L2.d L3 =AP9L3.d L4 =AP9L4.d L5 =AP9L5.d L6 =AP9L6.d L7 =AP9L7.d
L8 =AP9L8.d L9 =AP9L9.d L10 =AP9L10.d

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine		0.387	0.446	0.420	0.413	0.406	0.408	0.458	0.448	0.460	0.427	6.14
3)	t	Pyridine		0.579	0.689	0.709	0.678	0.603	0.677	0.719	0.736	0.781	0.686	9.19
4)	S	2-Fluorophenol	0.690	0.641	0.744	0.693	0.690	0.680	0.679	0.775	0.743	0.785	0.712	6.60
5)	T	Aniline		1.061	1.172	1.099	1.097	1.093	1.098	1.246	1.188	1.218	1.141	5.75
6)	t	2-Chlorophenol		0.773	0.851	0.789	0.792	0.783	0.793	0.894	0.876	0.889	0.827	6.03
7)	S	Phenol-d6	0.783	0.790	0.859	0.815	0.828	0.803	0.829	0.939	0.916	0.948	0.851	7.28
8)	T	Phenol		0.891	1.024	0.940	0.960	0.927	0.961	1.087	1.033	1.076	0.989	6.93
9)	T	bis(2-Chloroethyl)ether		0.671	0.775	0.704	0.696	0.676	0.676	0.760	0.737	0.742	0.715	5.45
10)	T	1,3-Dichlorobenzene		1.006	1.042	0.930	0.922	0.876	0.888	0.997	0.949	0.968	0.953	5.83
11)	T	1,4-Dichlorobenzene		0.967	1.039	0.951	0.939	0.900	0.907	1.001	0.964	0.974	0.960	4.52
12)	T	1,2-Dichlorobenzene		0.939	1.023	0.904	0.891	0.863	0.855	0.966	0.927	0.943	0.924	5.70
13)	t	Benzyl alcohol		0.458	0.550	0.532	0.533	0.528	0.548	0.649	0.627	0.654	0.564	11.57
14)	T	bis(2-chloroisopropyl)ether	1.036	0.949	0.998	0.941	0.930	0.922	0.924	1.032	0.995	1.005	0.973	4.60
15)	T	2-Methylphenol		0.627	0.721	0.665	0.669	0.666	0.689	0.777	0.745	0.761	0.702	7.28
16)	T	Hexachloroethane		0.334	0.382	0.339	0.337	0.340	0.333	0.371	0.366	0.372	0.353	5.52
17)	T	n-Nitrosodi-n-propylamine		0.424	0.474	0.451	0.442	0.460	0.477	0.548	0.533	0.548	0.484	9.74
18)	T	3-Methylphenol/4-Methylphenol		0.676	0.737	0.705	0.710	0.713	0.728	0.835	0.786	0.805	0.744	7.12
19)	S	Nitrobenzene-d5	0.675	0.684	0.761	0.700	0.695	0.698	0.733	0.834	0.802	0.813	0.740	7.97
20)	T	Nitrobenzene	0.650	0.641	0.748	0.692	0.693	0.709	0.731	0.828	0.790	0.797	0.728	8.63
21)	T	Isophorone	1.160	1.147	1.275	1.215	1.236	1.271	1.330	1.525	1.476	1.498	1.313	10.64
22)	T	2-Nitrophenol				0.362	0.379	0.399	0.414	0.485	0.480	0.492	0.430	12.61
23)	T	2,4-Dimethylphenol	0.704	0.680	0.725	0.716	0.727	0.727	0.748	0.842	0.831	0.839	0.754	8.00
24)	T	bis(2-Chloroethoxy)methane		0.878	0.971	0.893	0.871	0.883	0.887	1.019	0.954	0.972	0.925	5.85
25)	T	2,4-Dichlorophenol		0.604	0.685	0.673	0.675	0.679	0.693	0.805	0.759	0.775	0.705	8.84
26)	T	1,2,4-Trichlorobenzene		0.751	0.840	0.758	0.759	0.743	0.751	0.846	0.800	0.806	0.784	5.11
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde			0.628	0.651	0.595	0.654	0.682	0.692	0.729	0.704	0.667	6.52
29)	T	Acetophenone			1.126	1.104	1.015	1.159	1.191	1.222	1.291	1.247	1.169	7.51
30)	T	m-Toluidine			1.118	1.097	1.022	1.114	1.178	1.213	1.289	1.215	1.156	7.27
31)	T	2-Chloroaniline		0.962	1.063	1.084	0.995	1.112	1.144	1.146	1.232	1.177	1.101	7.80
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	n-Decane	0.724	0.808	0.853	0.816	0.778	0.804	0.839	0.837	0.870	0.869	0.820	5.44
34)	I	IS1_Naphthalene-d8	----------ISTD----------											
35)	T	Naphthalene		1.032	1.064	0.991	0.998	0.982	1.018	1.031	1.021	1.025	1.018	2.47
36)	T	Benzoic Acid					0.099	0.136	0.193	0.220	0.257	0.265	*L	0.9980

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL16655**
Calibration dates	**: 04/05/20 14:46 04/06/20 03:22**		

Calibration Files
L1 =AP9L1.d L2 =AP9L2.d L3 =AP9L3.d L4 =AP9L4.d L5 =AP9L5.d L6 =AP9L6.d L7 =AP9L7.d
L8 =AP9L8.d L9 =AP9L9.d L10 =AP9L10.d

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37)	T	4-Chloroaniline			0.111	0.110	0.109	0.113	0.116	0.119	0.120	0.121	0.115	4.26
38)	T	Hexachlorobutadiene		0.168	0.176	0.173	0.169	0.168	0.173	0.176	0.178	0.180	0.174	2.50
39)	T	p-Chloro-m-cresol		0.215	0.249	0.250	0.246	0.261	0.279	0.293	0.299	0.304	0.266	11.13
40)	T	2-Methylnaphthalene		0.699	0.701	0.656	0.664	0.656	0.695	0.705	0.711	0.721	0.690	3.57
41)	T	1-Methylnaphthalene		0.226	0.242	0.234	0.223	0.227	0.232	0.242	0.242	0.246	0.235	3.63
42)	T	Hexachlorocyclopentadiene			0.222	0.216	0.212	0.215	0.231	0.242	0.253	0.257	0.231	7.69
43)	T	2,4,6-Trichlorophenol			0.185	0.191	0.189	0.199	0.216	0.222	0.230	0.239	0.209	9.82
44)	T	2,4,5-Trichlorophenol			0.189	0.200	0.208	0.215	0.230	0.242	0.246	0.249	0.222	10.23
45)	S	2-Fluorobiphenyl	0.793	0.756	0.783	0.751	0.730	0.727	0.763	0.776	0.770	0.770	0.762	2.81
46)	T	2-Chloronaphthalene	0.623	0.623	0.676	0.640	0.633	0.635	0.663	0.682	0.679	0.686	0.654	3.92
47)	T	2-Nitroaniline			0.162	0.168	0.174	0.185	0.212	0.228	0.237	0.246	0.201	16.55
48)	T	1,4-Dinitrobenzene					0.081	0.090	0.098	0.108	0.114	0.118	0.102	14.16
49)	T	1,3-Dinitrobenzene				0.092	0.097	0.104	0.117	0.124	0.127	0.131	0.113	13.69
50)	T	Dimethyl phthalate	0.669	0.725	0.762	0.765	0.748	0.763	0.806	0.838	0.830	0.832	0.774	6.97
51)	T	Acenaphthylene	0.894	0.890	0.982	0.982	0.990	1.014	1.064	1.085	1.074	1.083	1.006	7.25
52)	T	2,6-Dinitrotoluene			0.127	0.139	0.148	0.155	0.168	0.181	0.181	0.183	0.160	13.33
53)	T	1,2-Dinitrobenzene				0.063	0.064	0.066	0.074	0.077	0.078	0.080	0.072	9.84
54)	I	IS2_Naphthalene-d8	----------ISTD----------											
55)	T	a-Terpineol		0.217	0.227	0.221	0.209	0.231	0.245	0.253	0.271	0.264	0.238	9.20
56)	T	3-Chloroaniline				0.125	0.125	0.134	0.132	0.134	0.143	0.133	0.132	4.70
57)	T	2,6-Dichlorophenol			0.242	0.261	0.248	0.278	0.287	0.292	0.310	0.299	0.277	8.95
58)	T	1-chloro-2-nitrobenzene			0.116	0.125	0.114	0.130	0.131	0.134	0.143	0.139	0.129	7.99
59)	T	Caprolactam			0.085	0.102	0.097	0.117	0.129	0.134	0.152	0.145	0.120	19.86
60)	T	1,2,4,5-Tetrachlorobenzene			0.316	0.319	0.292	0.308	0.315	0.314	0.328	0.318	0.314	3.33
61)	T	Biphenyl		0.841	0.870	0.845	0.780	0.857	0.857	0.837	0.873	0.830	0.843	3.32
62)	I	IS1_Acenaphthene-d10	----------ISTD----------											
63)	T	3-Nitroaniline			0.272	0.322	0.317	0.340	0.361	0.377	0.389	0.407	0.348	12.67
64)	T	Acenaphthene		1.122	1.191	1.088	1.073	1.069	1.123	1.134	1.153	1.182	1.126	3.93
65)	T	2,4-Dinitrophenol					0.119	0.145	0.175	0.199	0.222	0.230	*L	0.9983
66)	T	Dibenzofuran		1.851	1.944	1.834	1.756	1.788	1.820	1.843	1.842	1.858	1.837	2.81
67)	T	2,4-Dinitrotoluene			0.334	0.359	0.373	0.402	0.434	0.461	0.472	0.490	0.416	13.77
68)	T	4-Nitrophenol				0.220	0.231	0.240	0.267	0.275	0.286	0.297	0.259	11.34
69)	T	2,3,5,6-Tetrachlorophenol				0.316	0.313	0.333	0.358	0.369	0.386	0.399	0.353	9.66
70)	T	2,3,4,6-Tetrachlorophenol			0.311	0.327	0.320	0.330	0.353	0.368	0.379	0.396	0.348	8.81
71)	T	Diethyl phthalate	1.275	1.308	1.411	1.409	1.379	1.423	1.499	1.553	1.574	1.623	1.445	7.92
72)	T	Fluorene	1.346	1.322	1.445	1.375	1.323	1.359	1.388	1.418	1.440	1.480	1.389	3.91

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL16655**
Calibration dates	**: 04/05/20 14:46 04/06/20 03:22**		

Calibration Files
L1 =AP9L1.d L2 =AP9L2.d L3 =AP9L3.d L4 =AP9L4.d L5 =AP9L5.d L6 =AP9L6.d L7 =AP9L7.d
L8 =AP9L8.d L9 =AP9L9.d L10 =AP9L10.d

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD	
73)	T	4-Chlorophenyl-phenylether		0.674	0.718	0.676	0.649	0.652	0.664	0.674	0.689	0.704	0.678	3.37	
74)	T	4-Nitroaniline			0.292	0.328	0.330	0.357	0.386	0.407	0.420	0.435	0.369	13.75	
75)	T	4,6-Dinitro-o-cresol				0.166	0.176	0.206	0.246	0.267	0.286	0.299		*L	0.9981
76)	T	NDPA/DPA	0.993	1.042	1.176	1.139	1.122	1.155	1.210	1.245	1.258	1.285	1.163	8.06	
77)	T	Azobenzene		1.034	1.177	1.177	1.166	1.203	1.253	1.279	1.286	1.308	1.209	6.98	
78)	S	2,4,6-Tribromophenol		0.131	0.183	0.184	0.184	0.193	0.206	0.214	0.224	0.234	0.195	15.58	
79)	T	4-Bromophenyl-phenylether	0.369	0.350	0.408	0.378	0.362	0.368	0.386	0.399	0.407	0.427	0.385	6.31	
80)	T	Hexachlorobenzene	0.431	0.429	0.486	0.460	0.440	0.432	0.447	0.462	0.470	0.487	0.454	4.85	
81)	T	Pentachlorophenol				0.223	0.238	0.241	0.273	0.298	0.314	0.332	0.274	15.24	
82)	I	IS2_Acenaphthene-d10	----------ISTD----------												
83)	T	Dichloran				0.115	0.105	0.127	0.156	0.172	0.204	0.202		*Q	0.9976
84)	T	Pentachloronitrobenzene			0.129	0.147	0.135	0.160	0.185	0.186	0.207	0.202		*Q	0.9983
85)	I	IS3_Acenaphthene-d10	----------ISTD----------												
86)	T	Atrazine		0.237	0.275	0.286	0.276	0.301	0.338	0.357	0.402	0.456		*Q	0.9996
87)	I	IS1_Phenanthrene-d10	----------ISTD----------												
88)	T	Phenanthrene		1.115	1.166	1.082	1.071	1.067	1.097	1.114	1.110	1.141	1.107	2.92	
89)	T	Anthracene	0.995	0.963	1.104	1.029	1.053	1.047	1.120	1.152	1.152	1.172	1.079	6.67	
90)	T	Carbazole		0.882	0.979	0.966	0.986	0.988	1.063	1.084	1.089	1.110	1.016	7.35	
91)	T	Di-n-butylphthalate			0.995	1.012	1.044	1.113	1.239	1.331	1.375	1.397	1.188	14.09	
92)	T	Fluoranthene	1.100	1.080	1.174	1.140	1.154	1.155	1.234	1.280	1.294	1.332	1.194	7.19	
93)	T	Benzidine					0.632	0.685	0.821	0.893	0.945	0.981	0.826	17.13	
94)	T	Pyrene	1.142	1.164	1.274	1.234	1.219	1.247	1.320	1.358	1.362	1.382	1.270	6.59	
95)	S	4-Terphenyl-d14	0.759	0.733	0.821	0.800	0.769	0.787	0.842	0.891	0.885	0.906	0.819	7.33	
96)	T	Butyl benzyl phthalate			0.348	0.386	0.393	0.420	0.526	0.596	0.643	0.680		*Q	0.9984
97)	I	IS2_Phenanthrene-d10	----------ISTD----------												
98)	T	Diphenamid			0.359	0.384	0.367	0.428	0.478	0.505	0.553	0.549	0.453	17.53	
99)	I	IS3_Phenanthrene-d10	----------ISTD----------												
100)	T	n-Octadecane			0.346	0.351	0.340	0.379	0.414	0.415	0.433	0.442	0.390	10.53	
101)	T	Parathion			0.055	0.057	0.052	0.063	0.082	0.089	0.120	0.139		*Q	0.9993
102)	T	3,3'-Dimethylbenzidine			0.380	0.412	0.395	0.511	0.643	0.672	0.786	0.873		*Q	0.9989
103)	I	IS1_Chrysene-d12	----------ISTD----------												
104)	T	Benzo[a]anthracene	1.105	1.103	1.189	1.133	1.143	1.175	1.270	1.287	1.305	1.310	1.202	6.93	
105)	T	3,3'-Dichlorobenzidine			0.364	0.384	0.396	0.421	0.489	0.508	0.524	0.537	0.453	15.30	
106)	T	Chrysene	1.321	1.252	1.294	1.190	1.166	1.157	1.209	1.215	1.199	1.234	1.224	4.31	
107)	T	bis(2-Ethylhexyl)phthalate		0.453	0.526	0.599	0.620	0.684	0.828	0.894	0.921			*Q	0.9966
108)	T	Di-n-octylphthalate			0.793	0.892	0.954	1.071	1.365	1.523	1.632	1.686		*Q	0.9980

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL16655**
Calibration dates	**: 04/05/20 14:46 04/06/20 03:22**		

Calibration Files

L1 =AP9L1.d L2 =AP9L2.d L3 =AP9L3.d L4 =AP9L4.d L5 =AP9L5.d L6 =AP9L6.d L7 =AP9L7.d

L8 =AP9L8.d L9 =AP9L9.d L10 =AP9L10.d

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
109)	T	Benzo(b)fluoranthene		1.077	1.221	1.178	1.200	1.304	1.413	1.360	1.383	1.403	1.282	9.22
110)	T	Benzo(k)fluoranthene		1.068	1.258	1.214	1.231	1.137	1.257	1.292	1.261	1.284	1.222	6.05
111)	T	Benzo(a)pyrene		0.870	1.060	1.039	1.077	1.082	1.216	1.206	1.220	1.258	1.114	11.06
112)	I	IS1_Perylene-d12	----------ISTD----------											
113)	T	Indeno(1,2,3-cd)pyrene		0.891	1.094	1.053	1.109	1.090	1.173	1.297	1.343	1.348	1.155	13.11
114)	T	Dibenzo[a,h]anthracene		1.023	1.180	1.096	1.147	1.156	1.198	1.261	1.248	1.277	1.176	7.00
115)	T	Benzo(g,h,i)perylene	1.081	1.110	1.237	1.121	1.179	1.173	1.222	1.246	1.246	1.267	1.188	5.53

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383		
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV124	**Calibration Date**	: 04/28/20 10:06		
Lab File ID	: ABN0428	**Init. Calib. Date(s)**	: 04/05/20	04/06/20	
Sample No	: WG1365230-3	**Init. Calib. Times**	: 14:46	03:22	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	90	0
n-Nitrosodimethylamine	0.427	0.501	-	-17.3	20	111	0
Pyridine	0.686	0.841	-	-22.6*	20	125	0
2-Fluorophenol	0.712	0.762	-	-7	20	101	0
Aniline	1.141	1.24	-	-8.7	20	102	0
2-Chlorophenol	0.827	0.899	-	-8.7	20	103	0
Phenol-d6	0.851	0.954	-	-12.1	20	107	0
Phenol	0.989	1.041	-	-5.3	20	101	0
Bis(2-chloroethyl)ether	0.715	0.823	-	-15.1	20	109	0
1,3-Dichlorobenzene	0.953	0.999	-	-4.8	20	103	0
1,4-Dichlorobenzene	0.96	1.039	-	-8.2	20	104	0
1,2-Dichlorobenzene	0.924	0.992	-	-7.4	20	103	0
Benzyl alcohol	0.564	0.647	-	-14.7	20	110	0
Bis(2-chloroisopropyl)ethe	0.973	1.34	-	-37.7*	20	131	0
2-Methylphenol	0.702	0.786	-	-12	20	106	0
Hexachloroethane	0.353	0.404	-	-14.4	20	107	0
n-Nitrosodi-n-propylamine	0.484	0.585	-	-20.9*	20	114	0
3-Methylphenol/4-Methylphe	0.744	0.841	-	-13	20	106	0
Nitrobenzene-d5	0.74	0.876	-	-18.4	20	113	0
Nitrobenzene	0.728	0.886	-	-21.7*	20	112	0
Isophorone	1.313	1.635	-	-24.5*	20	116	0
2-Nitrophenol	0.43	0.46	-	-7	20	104	0
2,4-Dimethylphenol	0.754	0.856	-	-13.5	20	106	0
Bis(2-chloroethoxy)methane	0.925	1.078	-	-16.5	20	110	0
2,4-Dichlorophenol	0.705	0.763	-	-8.2	20	101	0
1,2,4-Trichlorobenzene	0.784	0.828	-	-5.6	20	100	0
IS1_Naphthalene-d8	1	1	-	0	20	100	0
Naphthalene	1.018	1.042	-	-2.4	20	106	0
Benzoic Acid	5	5.526	-	-10.5	20	130	0
4-Chloroaniline	0.115	0.126	-	-9.6	20	113	0
Hexachlorobutadiene	0.174	0.161	-	7.5	20	96	0
p-Chloro-m-cresol	0.266	0.282	-	-6	20	108	0
2-Methylnaphthalene	0.69	0.708	-	-2.6	20	108	0
1-Methylnaphthalene	0.235	0.249	-	-6	20	110	0
Hexachlorocyclopentadiene	0.231	0.211	-	8.7	20	98	0
2,4,6-Trichlorophenol	0.209	0.203	-	2.9	20	102	0
2,4,5-Trichlorophenol	0.222	0.219	-	1.4	20	102	0
2-Fluorobiphenyl	0.762	0.768	-	-0.8	20	106	0
2-Chloronaphthalene	0.654	0.672	-	-2.8	20	106	0
2-Nitroaniline	0.201	0.205	-	-2	20	111	0
1,4-Dinitrobenzene	0.102	0.096	-	5.9	20	106	0
1,3-Dinitrobenzene	0.113	0.118	-	-4.4	20	113	0
Dimethyl phthalate	0.774	0.867	-	-12	20	114	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383		
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV124	**Calibration Date**	: 04/28/20 10:06		
Lab File ID	: ABN0428	**Init. Calib. Date(s)**	: 04/05/20	04/06/20	
Sample No	: WG1365230-3	**Init. Calib. Times**	: 14:46	03:22	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.006	1.115	-	-10.8	20	110	0
2,6-Dinitrotoluene	0.16	0.17	-	-6.3	20	109	0
1,2-Dinitrobenzene	0.072	0.078	-	-8.3	20	119	0
IS1_Acenaphthene-d10	1	1	-	0	20	104	0
3-Nitroaniline	0.348	0.35	-	-0.6	20	107	0
Acenaphthene	1.126	1.121	-	0.4	20	110	0
2,4-Dinitrophenol	5	4.999	-	0	20	108	0
Dibenzofuran	1.837	1.851	-	-0.8	20	108	0
2,4-Dinitrotoluene	0.416	0.433	-	-4.1	20	112	0
4-Nitrophenol	0.259	0.319	-	-23.2*	20	139	0
2,3,5,6-Tetrachlorophenol	0.353	0.319	-	9.6	20	100	0
2,3,4,6-Tetrachlorophenol	0.348	0.33	-	5.2	20	104	0
Diethyl phthalate	1.445	1.565	-	-8.3	20	115	0
Fluorene	1.389	1.45	-	-4.4	20	111	0
4-Chlorophenyl phenyl ethe	0.678	0.648	-	4.4	20	104	0
4-Nitroaniline	0.369	0.369	-	0	20	108	0
4,6-Dinitro-o-cresol	5	5.211	-	-4.2	20	122	0
NDPA/DPA	1.163	1.23	-	-5.8	20	111	0
Azobenzene	1.209	1.399	-	-15.7	20	121	0
2,4,6-Tribromophenol	0.195	0.184	-	5.6	20	100	0
4-Bromophenyl phenyl ether	0.385	0.363	-	5.7	20	103	0
Hexachlorobenzene	0.454	0.424	-	6.6	20	102	0
Pentachlorophenol	0.274	0.236	-	13.9	20	102	0
IS1_Phenanthrene-d10	1	1	-	0	20	107	0
Phenanthrene	1.107	1.131	-	-2.2	20	113	0
Anthracene	1.079	1.13	-	-4.7	20	115	0
Carbazole	1.016	1.093	-	-7.6	20	118	0
Di-n-butylphthalate	1.188	1.238	-	-4.2	20	119	0
Fluoranthene	1.194	1.301	-	-9	20	121	0
Benzidine	0.826	0.742	-	10.2	20	116	0
Pyrene	1.27	1.374	-	-8.2	20	118	0
4-Terphenyl-d14	0.819	0.827	-	-1	20	112	0
Butyl benzyl phthalate	5	5.268	-	-5.4	20	133	0
IS1_Chrysene-d12	1	1	-	0	20	110	0
Benzo(a)anthracene	1.202	1.202	-	0	20	113	0
3,3'-Dichlorobenzidine	0.453	0.435	-	4	20	114	0
Chrysene	1.224	1.248	-	-2	20	119	0
Bis(2-ethylhexyl)phthalate	5	5.13	-	-2.6	20	126	0
Di-n-octylphthalate	5	4.856	-	2.9	20	125	0
Benzo(b)fluoranthene	1.282	1.289	-	-0.5	20	109	0
Benzo(k)fluoranthene	1.222	1.244	-	-1.8	20	121	0
Benzo(a)pyrene	1.114	1.147	-	-3	20	117	0
IS1_Perylene-d12	1	1	-	0	20	105	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2017383	
Project Name	: PISTOIA TIRE CO INC.		**Project Number**	: 0064-4	
Instrument ID	: SV124		**Calibration Date**	: 04/28/20 10:06	
Lab File ID	: ABN0428		**Init. Calib. Date(s)**	: 04/05/20	04/06/20
Sample No	: WG1365230-3		**Init. Calib. Times**	: 14:46	03:22
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.155	1.057	-	8.5	20	102	0
Dibenzo(a,h)anthracene	1.176	1.173	-	0.3	20	106	0
Benzo(ghi)perylene	1.188	1.196	-	-0.7	20	107	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2017383	
Project Name	: PISTOIA TIRE CO INC.		**Project Number**	: 0064-4	
Instrument ID	: SV124		**Calibration Date**	: 04/28/20 10:30	
Lab File ID	: AP90428		**Init. Calib. Date(s)**	: 04/05/20	04/06/20
Sample No	: WG1365230-4		**Init. Calib. Times**	: 14:46	03:22
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	80	0
Benzaldehyde	0.667	0.701	-	-5.1	20	85	0
Acetophenone	1.169	1.231	-	-5.3	20	84	0
m-Toluidine	1.156	1.238	-	-7.1	20	88	0
2-Chloroaniline	1.101	1.204	-	-9.4	20	86	0
IS2_Naphthalene-d8	1	1	-	0	20	82	0
a-Terpineol	0.238	0.299	-	-25.6*	20	106	0
3-Chloroaniline	0.132	0.15	-	-13.6	20	92	0
2,6-Dichlorophenol	0.277	0.293	-	-5.8	20	86	0
1-chloro-2-nitrobenzene	0.129	0.141	-	-9.3	20	89	0
Caprolactam	0.12	0.156	-	-30*	20	110	0
1,2,4,5-Tetrachlorobenzene	0.314	0.31	-	1.3	20	82	0
Biphenyl	0.843	0.884	-	-4.9	20	85	0
IS2_Acenaphthene-d10	1	1	-	0	20	80	0
Dichloran	5	5.017	-	-0.3	20	90	0
Pentachloronitrobenzene	5	5.157	-	-3.1	20	89	0
IS2_Phenanthrene-d10	1	1	-	0	20	86	0
Diphenamid	0.453	0.471	-	-4	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2017383	
Project Name	: PISTOIA TIRE CO INC.		**Project Number**	: 0064-4	
Instrument ID	: SV124		**Calibration Date**	: 04/28/20 10:53	
Lab File ID	: ADP0428		**Init. Calib. Date(s)**	: 04/05/20	04/06/20
Sample No	: WG1365230-5		**Init. Calib. Times**	: 14:46	03:22
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	77	0
n-Decane	0.82	1.176	-	-43.4*	20	113	0
IS3_Acenaphthene-d10	1	1	-	0	20	78	0
Atrazine	5	5.68	-	-13.6	20	93	0
IS3_Phenanthrene-d10	1	1	-	0	20	74	0
n-Octadecane	0.39	0.565	-	-44.9*	20	111	0
Parathion	5	6.025	-	-20.5*	20	103	0
3,3'-Dimethylbenzidine	5	5.568	-	-11.4	20	91	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383		
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV107	**Calibration Date**	: 04/29/20 19:51		
Lab File ID	: ABN0429N	**Init. Calib. Date(s)**	: 09/27/19	09/28/19	
Sample No	: WG1365800-3	**Init. Calib. Times**	: 20:42	10:53	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	4	4	-	0	20	90	0
n-Nitrosodimethylamine	0.585	0.683	-	-16.8	20	110	0
Pyridine	0.903	0.942	-	-4.3	20	92	0
2-Fluorophenol	0.797	0.905	-	-13.6	20	97	0
Aniline	1.403	1.634	-	-16.5	20	102	0
2-Chlorophenol	0.859	0.989	-	-15.1	20	99	0
Phenol-d6	1.045	1.228	-	-17.5	20	101	0
Phenol	1.16	1.325	-	-14.2	20	99	0
Bis(2-chloroethyl)ether	0.966	1.07	-	-10.8	20	100	0
1,3-Dichlorobenzene	0.993	1.059	-	-6.6	20	97	0
1,4-Dichlorobenzene	1.023	1.056	-	-3.2	20	94	0
1,2-Dichlorobenzene	0.962	1.043	-	-8.4	20	98	0
Benzyl alcohol	0.846	0.865	-	-2.2	20	88	0
Bis(2-chloroisopropyl)ethe	1.072	1.379	-	-28.6*	20	113	0
2-Methylphenol	0.799	0.916	-	-14.6	20	98	0
Hexachloroethane	0.421	0.424	-	-0.7	20	92	0
n-Nitrosodi-n-propylamine	0.718	0.791	-	-10.2	20	97	0
3-Methylphenol/4-Methylphe	0.862	0.991	-	-15	20	101	0
Nitrobenzene-d5	1.402	1.138	-	18.8	20	72	0
Nitrobenzene	1.145	1.142	-	0.3	20	89	0
Isophorone	1.911	2.18	-	-14.1	20	99	0
2-Nitrophenol	0.431	0.506	-	-17.4	20	106	0
2,4-Dimethylphenol	0.974	0.787	-	19.2	20	69	0
Bis(2-chloroethoxy)methane	1.234	1.318	-	-6.8	20	97	0
2,4-Dichlorophenol	0.699	0.831	-	-18.9	20	103	0
1,2,4-Trichlorobenzene	0.793	0.896	-	-13	20	103	0
IS1_Naphthalene-d8	1	1	-	0	20	97	0
Naphthalene	1.147	1.186	-	-3.4	20	99	0
Benzoic Acid	5	5.76	-	-15.2	20	127	0
4-Chloroaniline	0.156	0.152	-	2.6	20	88	0
Hexachlorobutadiene	0.175	0.175	-	0	20	95	0
p-Chloro-m-cresol	0.347	0.354	-	-2	20	94	0
2-Methylnaphthalene	0.727	0.736	-	-1.2	20	97	0
1-Methylnaphthalene	0.318	0.265	-	16.7	20	81	0
Hexachlorocyclopentadiene	0.21	0.21	-	0	20	98	0
2,4,6-Trichlorophenol	0.214	0.231	-	-7.9	20	103	0
2,4,5-Trichlorophenol	0.23	0.24	-	-4.3	20	100	0
2-Fluorobiphenyl	1.056	0.831	-	21.3*	20	76	0
2-Chloronaphthalene	0.714	0.716	-	-0.3	20	98	0
2-Nitroaniline	0.218	0.221	-	-1.4	20	100	0
1,4-Dinitrobenzene	0.11	0.104	-	5.5	20	97	0
1,3-Dinitrobenzene	0.12	0.125	-	-4.2	20	100	0
Dimethyl phthalate	0.878	0.846	-	3.6	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383		
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV107	**Calibration Date**	: 04/29/20 19:51		
Lab File ID	: ABN0429N	**Init. Calib. Date(s)**	: 09/27/19	09/28/19	
Sample No	: WG1365800-3	**Init. Calib. Times**	: 20:42	10:53	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.097	1.154	-	-5.2	20	97	0
2,6-Dinitrotoluene	0.175	0.182	-	-4	20	99	0
1,2-Dinitrobenzene	0.076	0.083	-	-9.2	20	105	0
IS1_Acenaphthene-d10	1	1	-	0	20	90	0
3-Nitroaniline	0.355	0.396	-	-11.5	20	100	0
Acenaphthene	1.199	1.251	-	-4.3	20	96	0
2,4-Dinitrophenol	5	6.502	-	-30*	20	133	0
Dibenzofuran	1.83	1.928	-	-5.4	20	98	0
2,4-Dinitrotoluene	0.434	0.461	-	-6.2	20	98	0
4-Nitrophenol	0.362	0.381	-	-5.2	20	97	0
2,3,5,6-Tetrachlorophenol	0.305	0.349	-	-14.4	20	108	0
2,3,4,6-Tetrachlorophenol	0.302	0.363	-	-20.2*	20	111	0
Diethyl phthalate	1.555	1.507	-	3.1	20	88	0
Fluorene	1.416	1.528	-	-7.9	20	99	0
4-Chlorophenyl phenyl ethe	0.668	0.726	-	-8.7	20	100	0
4-Nitroaniline	0.385	0.37	-	3.9	20	90	0
4,6-Dinitro-o-cresol	5	5.953	-	-19.1	20	121	0
NDPA/DPA	1.25	1.368	-	-9.4	20	98	0
Azobenzene	1.738	1.709	-	1.7	20	89	0
2,4,6-Tribromophenol	0.126	0.166	-	-31.7*	20	120	0
4-Bromophenyl phenyl ether	0.325	0.393	-	-20.9*	20	114	0
Hexachlorobenzene	0.315	0.366	-	-16.2	20	109	0
Pentachlorophenol	5	5.787	-	-15.7	20	116	0
IS1_Phenanthrene-d10	1	1	-	0	20	99	0
Phenanthrene	1.218	1.178	-	3.3	20	98	0
Anthracene	1.193	1.242	-	-4.1	20	102	0
Carbazole	1.108	1.122	-	-1.3	20	97	0
Di-n-butylphthalate	5	4.492	-	10.2	20	92	0
Fluoranthene	1.268	1.368	-	-7.9	20	104	0
Benzidine	0.946	0.854	-	9.7	20	101	0
Pyrene	1.38	1.399	-	-1.4	20	99	0
4-Terphenyl-d14	0.987	0.799	-	19	20	83	0
Butyl benzyl phthalate	5	4.469	-	10.6	20	93	0
IS1_Chrysene-d12	1	1	-	0	20	99	0
Benzo(a)anthracene	1.348	1.344	-	0.3	20	96	0
3,3'-Dichlorobenzidine	5	5.448	-	-9	20	114	0
Chrysene	1.462	1.53	-	-4.7	20	104	0
Bis(2-ethylhexyl)phthalate	5	4.447	-	11.1	20	87	0
Di-n-octylphthalate	5	4.491	-	10.2	20	95	0
Benzo(b)fluoranthene	1.298	1.241	-	4.4	20	94	0
Benzo(k)fluoranthene	1.209	1.513	-	-25.1*	20	126	0
Benzo(a)pyrene	5	5.071	-	-1.4	20	104	0
IS1_Perylene-d12	1	1	-	0	20	110	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2017383	
Project Name	: PISTOIA TIRE CO INC.		**Project Number**	: 0064-4	
Instrument ID	: SV107		**Calibration Date**	: 04/29/20 19:51	
Lab File ID	: ABN0429N		**Init. Calib. Date(s)**	: 09/27/19	09/28/19
Sample No	: WG1365800-3		**Init. Calib. Times**	: 20:42	10:53
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.044	0.998	-	4.4	20	101	0
Dibenzo(a,h)anthracene	1.111	1.183	-	-6.5	20	112	0
Benzo(ghi)perylene	1.077	1.221	-	-13.4	20	115	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2017383	
Project Name	: PISTOIA TIRE CO INC.		**Project Number**	: 0064-4	
Instrument ID	: SV107		**Calibration Date**	: 04/29/20 20:18	
Lab File ID	: AP90429N		**Init. Calib. Date(s)**	: 09/27/19	09/28/19
Sample No	: WG1365800-4		**Init. Calib. Times**	: 20:42	10:53
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	97	0
Benzaldehyde	0.797	0.856	-	-7.4	20	102	0
Acetophenone	1.407	1.446	-	-2.8	20	96	0
m-Toluidine	1.363	1.513	-	-11	20	103	0
2-Chloroaniline	1.118	1.312	-	-17.4	20	110	0
IS2_Naphthalene-d8	1	1	-	0	20	97	0
a-Terpineol	0.294	0.356	-	-21.1*	20	117	0
3-Chloroaniline	0.179	0.179	-	0	20	97	0
2,6-Dichlorophenol	0.279	0.318	-	-14	20	110	0
1-chloro-2-nitrobenzene	0.174	0.167	-	4	20	97	0
Caprolactam	5	5.926	-	-18.5	20	123	0
1,2,4,5-Tetrachlorobenzene	0.309	0.344	-	-11.3	20	106	0
Biphenyl	0.881	0.935	-	-6.1	20	102	0
IS2_Acenaphthene-d10	1	1	-	0	20	99	0
Dichloran	5	5.539	-	-10.8	20	121	0
Pentachloronitrobenzene	0.148	0.151	-	-2	20	99	0
IS2_Phenanthrene-d10	1	1	-	0	20	107	0
Diphenamid	0.498	0.505	-	-1.4	20	107	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2017383	
Project Name	: PISTOIA TIRE CO INC.		**Project Number**	: 0064-4	
Instrument ID	: SV107		**Calibration Date**	: 04/29/20 20:45	
Lab File ID	: ADP0429N		**Init. Calib. Date(s)**	: 09/27/19	09/28/19
Sample No	: WG1365800-5		**Init. Calib. Times**	: 20:42	10:53
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	97	0
n-Decane	0.94	1.107	-	-17.8	20	110	0
IS3_Acenaphthene-d10	1	1	-	0	20	101	0
Atrazine	5	4.887	-	2.3	20	100	0
IS3_Phenanthrene-d10	1	1	-	0	20	97	0
n-Octadecane	0.506	0.539	-	-6.5	20	100	0
Parathion	5	4.35	-	13	20	92	0
3,3'-Dimethylbenzidine	5	5.586	-	-11.7	20	124	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Lisko Environmental, LLC
Project Name: PISTOIA TIRE CO INC.

Lab Number: L2017383
Project Number: 0064-4
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (NBZ)	S2 (FBP)	S3 (TPH)	S4 ()	S5 ()	S6 ()	TOT OUT
MW-1 (L2017383-01)	40	44	58	--	--	--	0
MW-2 (L2017383-02)	40	41	55	--	--	--	0
MW-3 (L2017383-03)	36	39	45	--	--	--	0
MW-4 (L2017383-04)	43	43	50	--	--	--	0
WG1364962-1BLANK	76	71	85	--	--	--	0
WG1364962-2LCS	94	80	90	--	--	--	0
WG1364962-3LCSD	81	71	77	--	--	--	0

QC LIMITS

(30-130) NBZ = NITROBENZENE-D5
(30-130) FBP = 2-FLUOROBIPHENYL
(30-130) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NJ-BNEXT-LVI

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Matrix	: WATER		
LCS Sample ID	: WG1364962-2	**Analysis Date** : 04/28/20 11:41	**File ID** : 364962-2
LCSD Sample ID	: WG1364962-3	**Analysis Date** : 04/28/20 12:04	**File ID** : 364962-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	18	17	94	18	15	81	15	70-130	20
Bis(2-chloroethyl)ether	18	18	99	18	16	86	14	70-130	20
2-Chloronaphthalene	18	17	92	18	15	81	13	70-130	20
2,4-Dinitrotoluene	18	16	88	18	14	77	13	70-130	20
2,6-Dinitrotoluene	18	16	86	18	14	76	12	70-130	20
Fluoranthene	18	18	98	18	16	86	13	70-130	20
4-Chlorophenyl phenyl ether	18	16	87	18	14	75	15	70-130	20
Bis(2-chloroisopropyl)ether	18	21	115	18	18	101	13	70-130	20
Bis(2-chloroethoxy)methane	18	18	99	18	16	87	13	70-130	20
Hexachlorocyclopentadiene	18	12	68	18	11	59	14	20-160	20
Hexachloroethane	18	17	92	18	15	83	10	20-160	20
Isophorone	18	18	99	18	16	88	12	70-130	20
Naphthalene	18	17	91	18	15	81	12	70-130	20
Nitrobenzene	18	19	105	18	16	90	15	70-130	20
NDPA/DPA	18	16	91	18	14	79	14	70-130	20
n-Nitrosodi-n-propylamine	18	19	106	18	17	93	13	70-130	20
Bis(2-ethylhexyl)phthalate	18	17	92	18	15	81	13	70-130	20
Butyl benzyl phthalate	18	16	90	18	14	78	14	70-130	20
Di-n-butylphthalate	18	16	91	18	15	80	13	70-130	20
Di-n-octylphthalate	18	16	87	18	14	75	15	70-130	20
Diethyl phthalate	18	17	95	18	15	82	15	70-130	20
Dimethyl phthalate	18	17	94	18	15	81	15	70-130	20
Chrysene	18	18	99	18	15	85	15	70-130	20
Acenaphthylene	18	17	92	18	15	81	13	70-130	20
Anthracene	18	18	98	18	16	87	12	70-130	20
Benzo(ghi)perylene	18	17	95	18	16	85	11	70-130	20

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Matrix	: WATER		
LCS Sample ID	: WG1364962-2 **Analysis Date** : 04/28/20 11:41	**File ID**	: 364962-2
LCSD Sample ID	: WG1364962-3 **Analysis Date** : 04/28/20 12:04	**File ID**	: 364962-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD		Recovery Limits	RPD Limit
Fluorene	18	17	95		18	15	83		13		70-130	20
Phenanthrene	18	17	96		18	16	86		11		70-130	20
Pyrene	18	17	94		18	15	84		11		70-130	20
4-Chloroaniline	18	16	87		18	11	61		35	Q	20-160	20
2-Nitroaniline	18	16	86		18	13	72		18		70-130	20
3-Nitroaniline	18	15	85		18	12	66	Q	25	Q	70-130	20
4-Nitroaniline	18	14	79		18	12	67	Q	16		70-130	20
Dibenzofuran	18	17	93		18	15	80		15		70-130	20
2-Methylnaphthalene	18	16	90		18	14	80		12		70-130	20
Carbazole	18	18	98		18	16	89		10		70-130	20
4-Bromophenyl phenyl ether	18	15	85		18	13	74		14		70-130	20
3,3'-Dichlorobenzidine	18	12	67	Q	18	9.6	53	Q	23	Q	70-130	20
Benzaldehyde	18	17	92		18	14	78		16		20-160	20
Acetophenone	18	18	101		18	16	89		13		70-130	20
Caprolactam	18	10	57		18	8.1	45		24	Q	20-160	20
Biphenyl	18	18	98		18	15	85		14		70-130	20
1,2,4,5-Tetrachlorobenzene	18	16	89		18	14	80		11		70-130	20
Atrazine	18	19	104		18	16	89		16		70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV124	**Analysis Date**	: 04/28/20 10:06
Sample No	: WG1365230-3	**Lab File ID**	: ABN0428

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1365230-3	24103	4.25	66551	5.49	37234	7.19
Upper Limit	48206	4.75	133102	5.99	74468	7.69
Lower Limit	12052	3.75	33276	4.99	18617	6.69
Sample ID						
WG1365230-4 CCAL	20621	4.25	55796	5.49	29537	7.19
WG1365230-5 CCAL	21553	4.25	-	-	29699	7.19
WG1364962-1 BLANK	20746	4.25	54749	5.49	28031	7.19
WG1364962-2 LCS	21676	4.25	56792	5.49	29547	7.19
WG1364962-3 LCSD	22521	4.25	58184	5.49	30351	7.19

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV124	**Analysis Date**	: 04/28/20 10:06
Sample No	: WG1365230-3	**Lab File ID**	: ABN0428

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1365230-3	74040	8.62	76366	11.21	79048	12.65
Upper Limit	148080	9.12	152732	11.71	158096	13.15
Lower Limit	37020	8.12	38183	10.71	39524	12.15
Sample ID						
WG1365230-4 CCAL	63569	8.62	-	-	-	-
WG1365230-5 CCAL	62030	8.62	-	-	-	-
WG1364962-1 BLANK	56335	8.62	52449	11.21	55596	12.65
WG1364962-2 LCS	57056	8.62	56593	11.21	63296	12.65
WG1364962-3 LCSD	56616	8.61	56181	11.20	62088	12.65

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 04/29/20 19:51
Sample No	: WG1365800-3	**Lab File ID**	: ABN0429N

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1365800-3	109810	5.82	286000	7.32	151476	9.09
Upper Limit	219620	6.32	572000	7.82	302952	9.59
Lower Limit	54905	5.32	143000	6.82	75738	8.59
Sample ID						
WG1365800-4 CCAL	101847	5.82	268233	7.32	147916	9.08
WG1365800-5 CCAL	106743	5.82	-	-	152968	9.08
MW-1	80147	5.82	216663	7.32	115897	9.09
MW-2	78705	5.82	202773	7.32	112674	9.09
MW-3	82627	5.82	213581	7.32	114655	9.08
MW-4	75521	5.82	195743	7.32	101815	9.09

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV107	**Analysis Date**	: 04/29/20 19:51
Sample No	: WG1365800-3	**Lab File ID**	: ABN0429N

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1365800-3	292447	10.50	254844	13.06	271388	14.47
Upper Limit	584894	11.00	509688	13.56	542776	14.97
Lower Limit	146224	10.00	127422	12.56	135694	13.97
Sample ID						
WG1365800-4 CCAL	290531	10.50	-	-	-	-
WG1365800-5 CCAL	290656	10.50	-	-	-	-
MW-1	215785	10.50	182717	13.06	188539	14.47
MW-2	205395	10.50	183923	13.06	186624	14.47
MW-3	214806	10.50	189112	13.06	192779	14.47
MW-4	191858	10.50	157593	13.06	161241	14.47

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 01 10:28:28 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:26:32 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.822	150	80147	4.000	ug/ml		0.00
Standard Area 1 = 109810			Recovery = 72.99%				
27) IS2_1,4-Dichlorobenzen...	5.822	150	80147	4.000	ug/ml		0.00
Standard Area 3 = 101847			Recovery = 78.69%				
34) IS1_Naphthalene-d8	7.322	136	216663	4.000	ug/ml	#	0.00
Standard Area 1 = 286000			Recovery = 75.76%				
54) IS2_Naphthalene-d8	7.322	136	216663	4.000	ug/ml	#	0.00
Standard Area 3 = 268233			Recovery = 80.77%				
62) IS1_Acenaphthene-d10	9.086	164	115897	4.000	ug/ml		0.00
Standard Area 1 = 151476			Recovery = 76.51%				
85) IS3_Acenaphthene-d10	9.086	164	115897	4.000	ug/ml		0.00
Standard Area 2 = 152968			Recovery = 75.77%				
87) IS1_Phenanthrene-d10	10.504	188	215785	4.000	ug/ml	#	0.00
Standard Area 1 = 292447			Recovery = 73.79%				
103) IS1_Chrysene-d12	13.062	240	182717	4.000	ug/ml	#	0.00
Standard Area 1 = 254844			Recovery = 71.70%				
112) IS1_Perylene-d12	14.474	264	188539	4.000	ug/ml		0.00
Standard Area 1 = 271388			Recovery = 69.47%				
System Monitoring Compounds							
4) 2-Fluorophenol	3.316	112	27287	1.709	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 34.18%				
7) Phenol-d6	5.463	99	42839	2.047	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 40.94%				
19) Nitrobenzene-d5	6.539	82	28269	1.006	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 40.24%				
45) 2-Fluorobiphenyl	8.463	172	62387	1.091	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 43.64%				
78) 2,4,6-Tribromophenol	9.845	330	3976	1.087	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 21.74%				
95) 4-Terphenyl-d14	12.074	244	77639	1.457	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 58.28%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 01 10:28:28 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:26:32 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		d
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.		d
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.		d
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 01 10:28:28 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:26:32 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
106)	Chrysene	0.000		0	N.D.		
107)	Bis(2-ethylhexyl)phtha...	13.215	149	19557	0.674	ug/ml#	95
108)	Di-n-octylphthalate	0.000		0	N.D.	d	
115)	Benzo(ghi)perylene	0.000		0	N.D.		

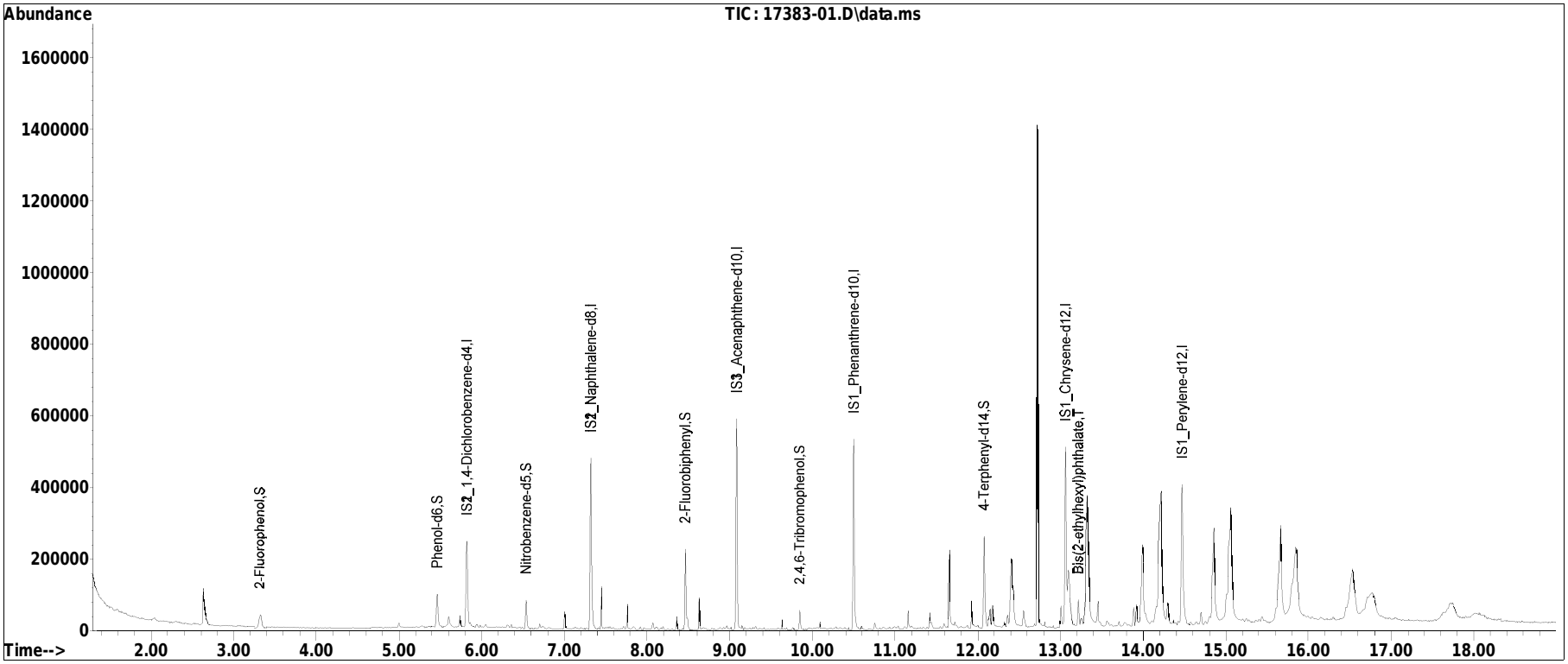
(#) = qualifier out of range (m) = manual integration (+) = signals summed

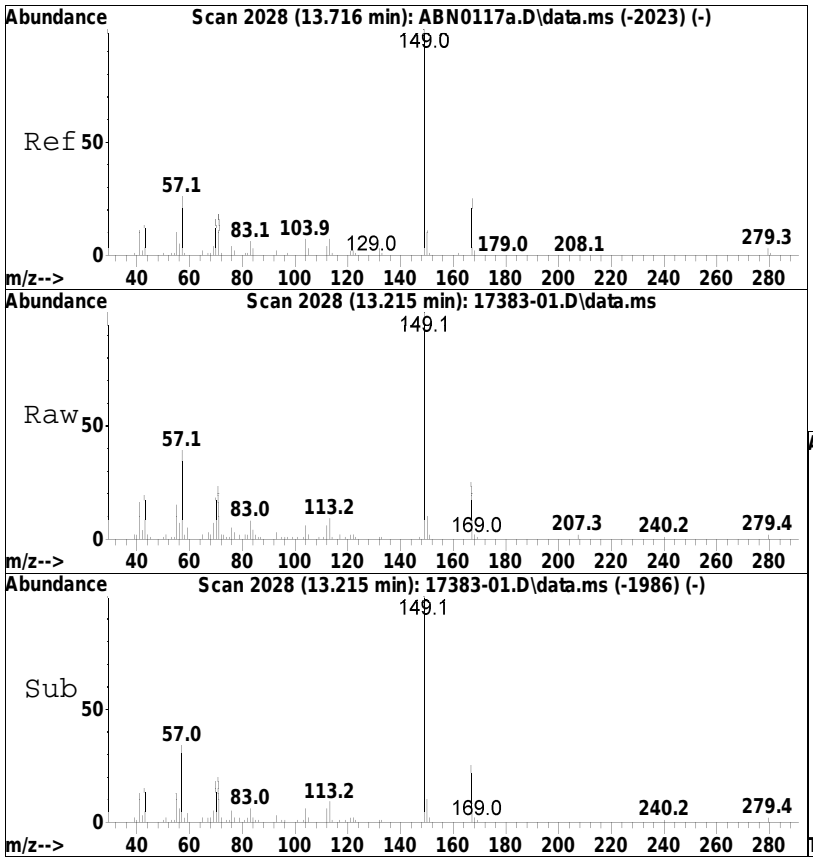
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 01 10:28:28 2020
Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:26:32 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional0429n.D•

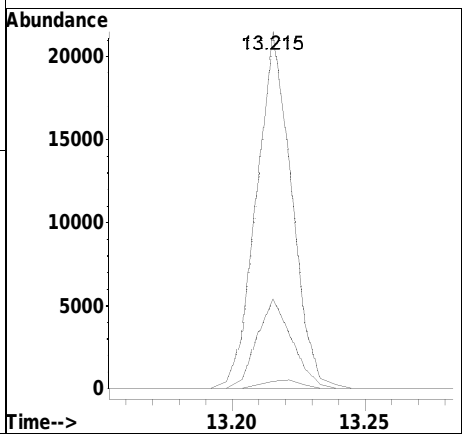




#107
Bis(2-ethylhexyl)phthalate
Concen: 0.67 ug/ml
RT: 13.215 min Scan# 2028
Delta R.T. -0.000 min
Lab File: 17383-01.D
Acq: 30 Apr 2020 2:08 am

Tgt Ion:149 Resp: 19557

Ion	Ratio	Lower	Upper
149	100		
167	25.2	22.1	33.1
279	0.0	3.0	4.4#



Manual Integration Report

Data Path	: I:\8270\SV107\200429nlvi\	QMethod	: FS190927SV107.m
Data File	: 17383-01.D	Operator	: SV107:sz
Date Inj'd	: 4/30/2020 2:08 am	Instrument	: SV 107
Sample	: L2017383-01,32,,nj-bnext-l	Quant Date	: 4/30/2020 2:26 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 17383-01.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.622	223	227	246	rVB	101665	230173	17.12%	1.571%
2	3.316	337	345	359	rVB2	38286	102812	7.65%	0.702%
3	4.992	626	630	640	rBV2	10876	21819	1.62%	0.149%
4	5.463	705	710	721	rBV	91231	120036	8.93%	0.819%
5	5.604	727	734	745	rVB	29097	48615	3.62%	0.332%
6	5.734	752	756	761	rBV	31792	37862	2.82%	0.258%
7	5.822	766	771	784	rBV	239625	331311	24.64%	2.261%
8	5.939	789	791	795	rVV4	7931	9001	0.67%	0.061%
9	6.051	805	810	814	rVB5	8191	10374	0.77%	0.071%
10	6.310	851	854	859	rBV4	7376	12113	0.90%	0.083%
11	6.357	859	862	866	rVB3	9968	11160	0.83%	0.076%
12	6.539	889	893	904	rBV	80742	88113	6.55%	0.601%
13	6.704	916	921	924	rBV	12898	13691	1.02%	0.093%
14	6.739	924	927	936	rVV7	7434	13335	0.99%	0.091%
15	7.004	969	972	979	rBV2	48882	49637	3.69%	0.339%
16	7.133	986	994	1002	rVB9	5667	11936	0.89%	0.081%
17	7.322	1022	1026	1039	rVV	479379	508241	37.80%	3.469%
18	7.445	1040	1047	1051	rVV	120115	104172	7.75%	0.711%
19	7.551	1063	1065	1069	rVV4	6827	7972	0.59%	0.054%
20	7.710	1089	1092	1095	rVB3	8180	8018	0.60%	0.055%
21	7.757	1095	1100	1109	rBV	68045	73880	5.50%	0.504%
22	7.839	1109	1114	1120	rVB5	8209	15624	1.16%	0.107%
23	7.922	1120	1128	1132	rVB2	8301	9450	0.70%	0.065%
24	7.969	1132	1136	1141	rBV3	5925	9339	0.69%	0.064%
25	8.075	1149	1154	1158	rBV2	18173	22497	1.67%	0.154%
26	8.122	1158	1162	1166	rVB5	8019	13361	0.99%	0.091%
27	8.175	1166	1171	1172	rBV4	6161	7458	0.55%	0.051%
28	8.357	1197	1202	1211	rBV	36972	35282	2.62%	0.241%

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	8.463	1211	1220	1235	rVB	225981	222912	16.58%	1.521%
30	8.633	1243	1249	1253	rBV	89529	83899	6.24%	0.573%
31	8.692	1253	1259	1261	rBV5	5102	9104	0.68%	0.062%
32	8.880	1283	1291	1296	rBV6	5712	11170	0.83%	0.076%
33	8.963	1301	1305	1311	rVB5	9673	14325	1.07%	0.098%
34	9.086	1320	1326	1334	rBV	589017	540407	40.19%	3.689%
35	9.145	1334	1336	1339	rVB3	11386	10724	0.80%	0.073%
36	9.274	1354	1358	1361	rBV3	5070	7873	0.59%	0.054%
37	9.316	1363	1365	1369	rVB3	8226	8016	0.60%	0.055%
38	9.633	1415	1419	1422	rBV	28117	23243	1.73%	0.159%
39	9.763	1437	1441	1447	rVB4	5844	7524	0.56%	0.051%
40	9.845	1447	1455	1461	rBV	55004	54874	4.08%	0.375%
41	10.092	1494	1497	1503	rVB3	19663	20363	1.51%	0.139%
42	10.286	1523	1530	1534	rBV5	6967	11852	0.88%	0.081%
43	10.327	1534	1537	1542	rVV5	4395	7585	0.56%	0.052%
44	10.386	1543	1547	1553	rVB5	5574	8286	0.62%	0.057%
45	10.439	1553	1556	1561	rBV3	6269	7456	0.55%	0.051%
46	10.504	1561	1567	1579	rBV	533141	559377	41.61%	3.818%
47	10.598	1579	1583	1594	rVB4	11830	17385	1.29%	0.119%
48	10.757	1607	1610	1617	rBV3	18711	24703	1.84%	0.169%
49	10.863	1624	1628	1633	rVV6	6852	13773	1.02%	0.094%
50	10.939	1635	1641	1643	rVV3	6627	10738	0.80%	0.073%
51	10.998	1644	1651	1653	rVV3	7671	16241	1.21%	0.111%
52	11.039	1655	1658	1661	rVB3	9363	10516	0.78%	0.072%
53	11.116	1666	1671	1675	rBV3	7285	11681	0.87%	0.080%
54	11.157	1675	1678	1684	rBV	48478	53291	3.96%	0.364%
55	11.198	1684	1685	1694	rVB3	7779	10868	0.81%	0.074%
56	11.416	1719	1722	1725	rBV2	44226	48479	3.61%	0.331%
57	11.586	1748	1751	1756	rVV3	11902	15224	1.13%	0.104%
58	11.657	1757	1763	1772	rVV2	217629	269132	20.02%	1.837%
59	11.727	1774	1775	1782	rVB5	17177	19953	1.48%	0.136%
60	11.868	1795	1799	1803	rVB3	8101	9631	0.72%	0.066%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	11.921	1803	1808	1818	rBV	75869	86579	6.44%	0.591%
62	12.074	1828	1834	1840	rBV	256586	266513	19.82%	1.819%
63	12.145	1840	1846	1848	rVV3	52317	71002	5.28%	0.485%
64	12.174	1848	1851	1862	rVB	59458	90692	6.75%	0.619%
65	12.321	1871	1876	1880	rBV4	15490	19885	1.48%	0.136%
66	12.368	1880	1884	1886	rVV2	35201	39881	2.97%	0.272%
67	12.404	1886	1890	1910	rVV2	192570	482227	35.87%	3.291%
68	12.551	1912	1915	1925	rVB2	46933	66661	4.96%	0.455%
69	12.721	1940	1944	1956	rVV	1400377	1344473	100.00%	9.177%
70	12.810	1956	1959	1966	rVB5	13506	13480	1.00%	0.092%
71	13.010	1989	1993	1996	rVV	61794	69384	5.16%	0.474%
72	13.062	1996	2002	2005	rVV	505605	596377	44.36%	4.071%
73	13.092	2005	2007	2023	rVV2	161155	364147	27.08%	2.486%
74	13.215	2023	2028	2031	rVV	76603	82396	6.13%	0.562%
75	13.251	2032	2034	2037	rVV3	25425	33072	2.46%	0.226%
76	13.321	2037	2046	2063	rVV	365876	956066	71.11%	6.526%
77	13.451	2063	2068	2082	rVB2	68739	115102	8.56%	0.786%
78	13.568	2083	2088	2094	rBV6	13330	23167	1.72%	0.158%
79	13.710	2109	2112	2116	rVB3	12730	11838	0.88%	0.081%
80	13.774	2120	2123	2129	rVV7	8424	16856	1.25%	0.115%
81	13.886	2138	2142	2145	rBV	50868	54765	4.07%	0.374%
82	13.921	2145	2148	2152	rVV3	57176	68822	5.12%	0.470%
83	13.992	2152	2160	2176	rVV2	224687	549985	40.91%	3.754%
84	14.109	2177	2180	2183	rVV4	13171	22457	1.67%	0.153%
85	14.215	2183	2198	2209	rVV	371880	1084259	80.65%	7.401%
86	14.298	2209	2212	2220	rVV	59034	83443	6.21%	0.570%
87	14.368	2221	2224	2230	rVB5	11659	13592	1.01%	0.093%
88	14.433	2231	2235	2237	rBV5	9770	14493	1.08%	0.099%
89	14.474	2237	2242	2257	rVB	390956	592782	44.09%	4.046%
90	14.574	2257	2259	2265	rVB6	7168	9479	0.71%	0.065%
91	14.651	2267	2272	2275	rBV5	6254	9696	0.72%	0.066%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

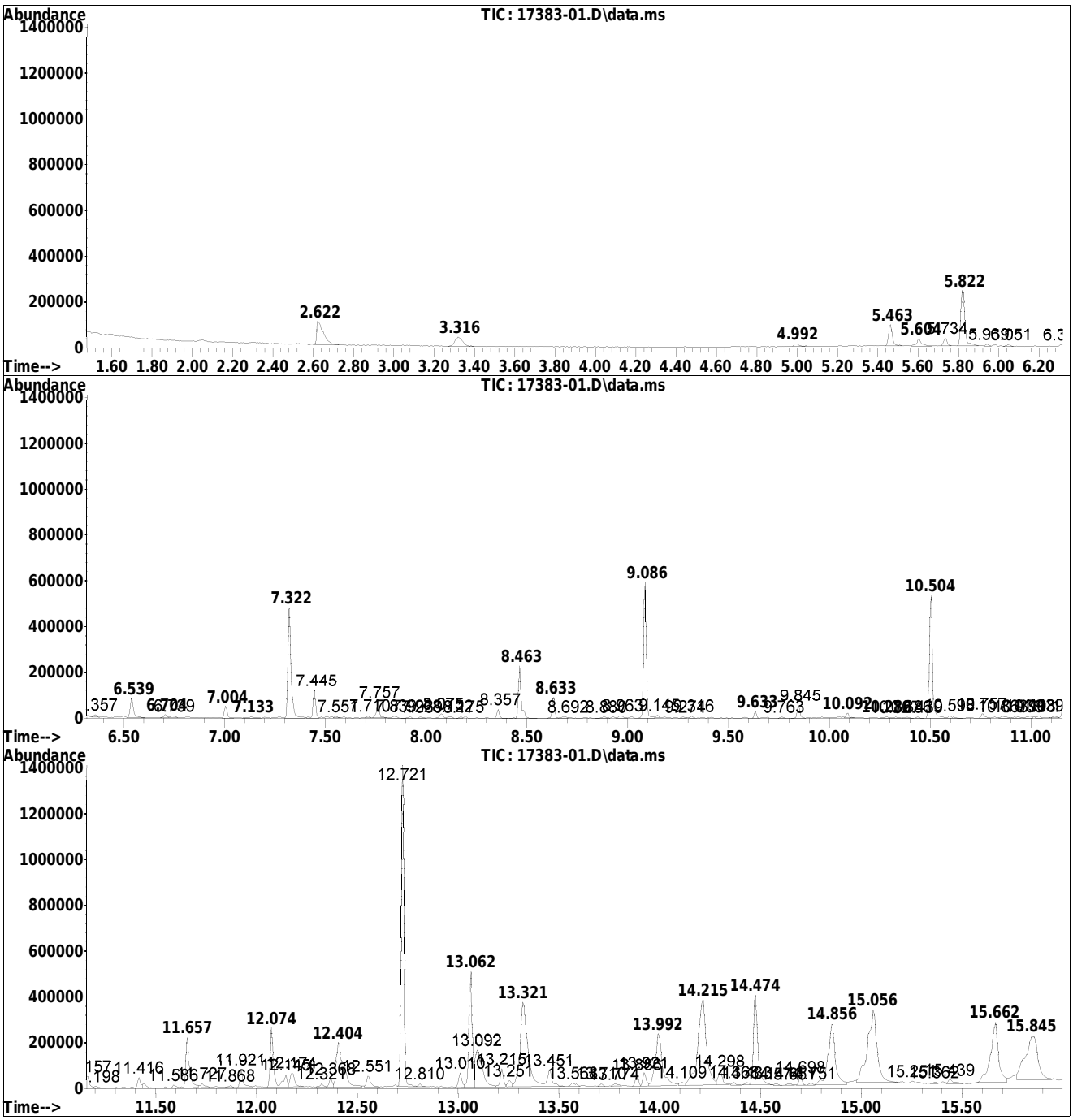
92	14.698	2276	2280	2285	rVB	33957	39451	2.93%	0.269%
93	14.751	2285	2289	2292	rBV6	8991	13308	0.99%	0.091%
94	14.856	2292	2307	2319	rBV	266791	657716	48.92%	4.489%
95	15.056	2327	2341	2363	rVB2	315747	1033111	76.84%	7.052%
96	15.251	2372	2374	2377	rVB4	7497	7901	0.59%	0.054%
97	15.362	2391	2393	2396	rBV3	5916	7610	0.57%	0.052%
98	15.439	2403	2406	2417	rVB7	16539	36951	2.75%	0.252%
99	15.662	2429	2444	2454	rBV2	262601	709954	52.81%	4.846%
100	15.845	2462	2475	2492	rVB4	191656	823372	61.24%	5.620%

Sum of corrected areas: 14650832

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

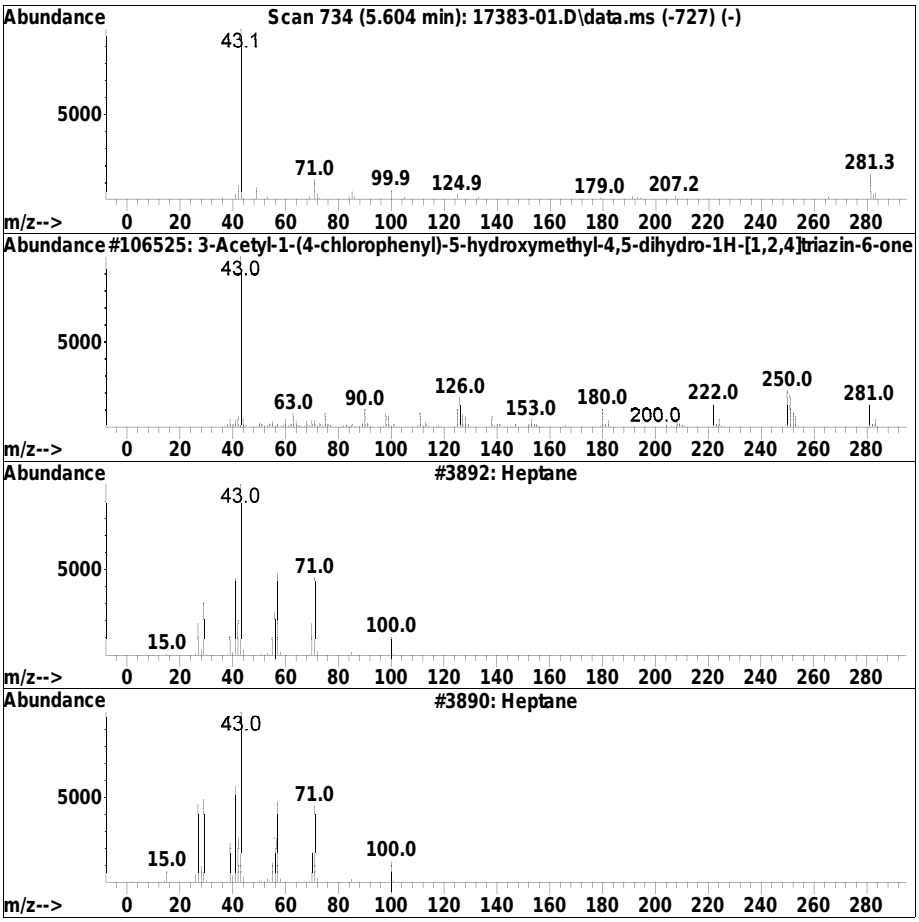
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

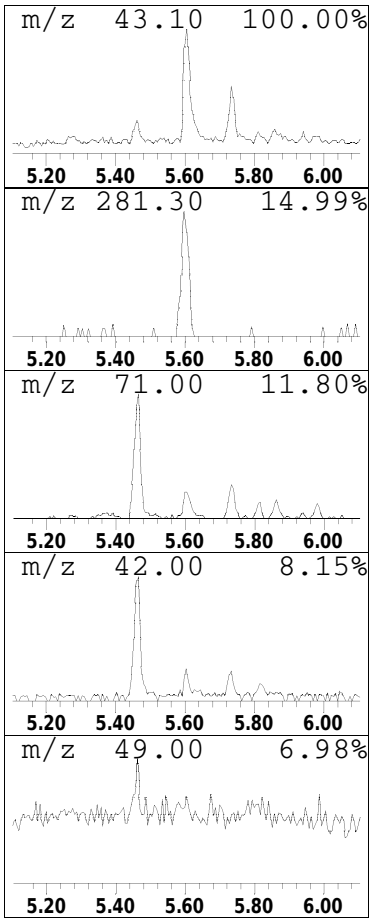
****

Peak Number 2 Unknown Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.604	0.59 ug/ml	48615	IS2_1,4-Dichlorobenzene-d4	5.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acetyl-1-(4-chlorophenyl)-5-hy...	281	C12H12ClN3O3	139455-88-2	9
2	Heptane	100	C7H16	000142-82-5	7
3	Heptane	100	C7H16	000142-82-5	5
4	Heptane	100	C7H16	000142-82-5	5
5	Heptane	100	C7H16	000142-82-5	4





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

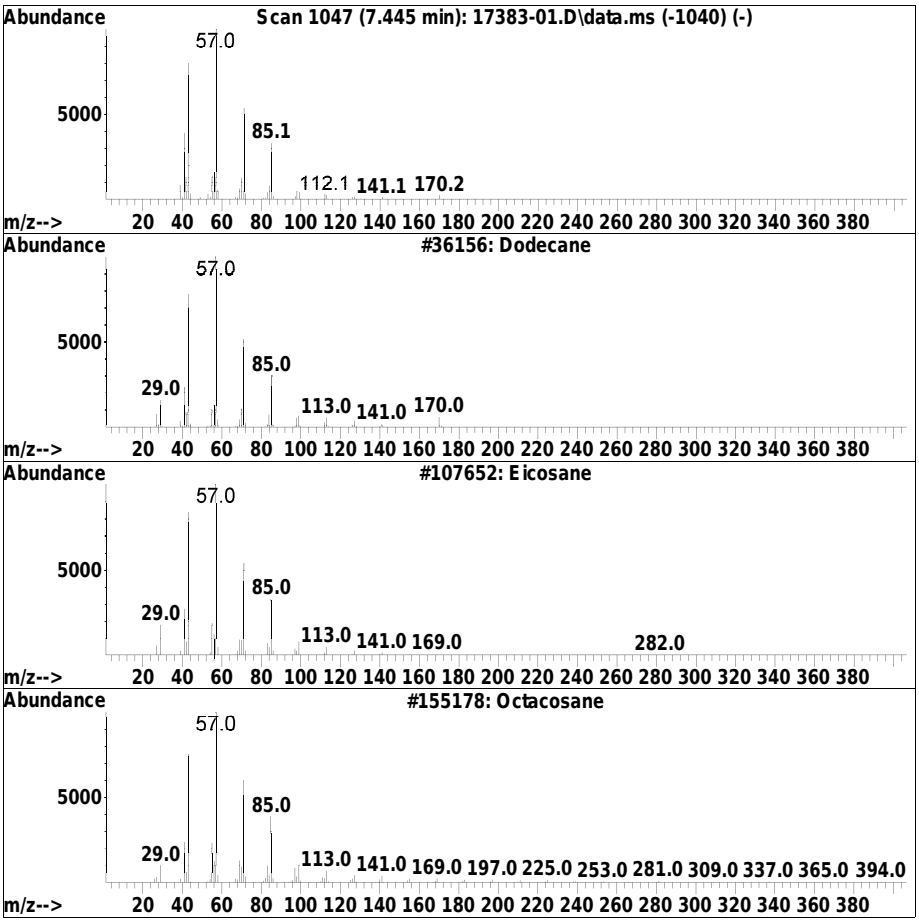
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

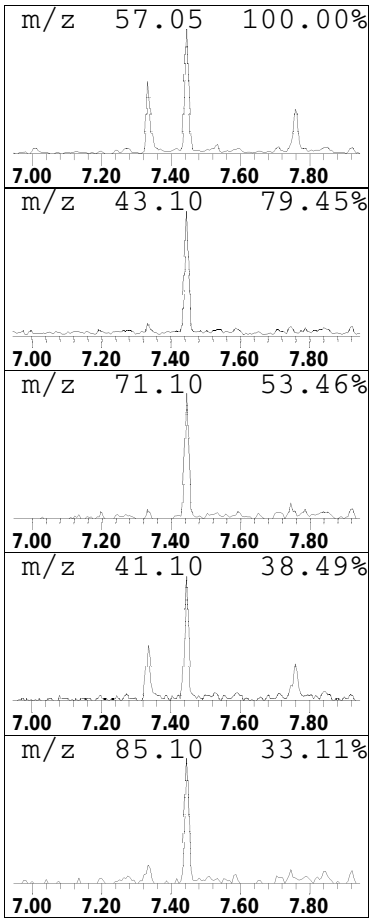
****

Peak Number 3 Unknown Alkane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.445	0.82 ug/ml	104172	IS2_Naphthalene-d8	7.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Eicosane	282	C20H42	000112-95-8	86
3	Octacosane	394	C28H58	000630-02-4	78
4	Pentadecane	212	C15H32	000629-62-9	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

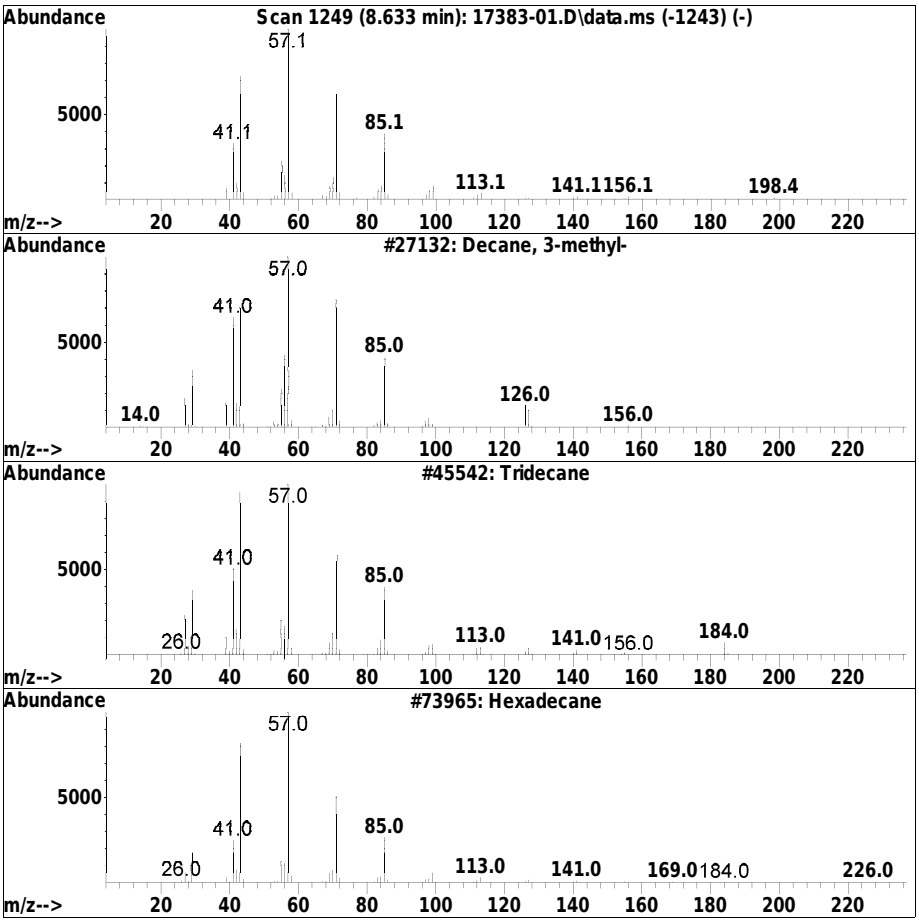
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

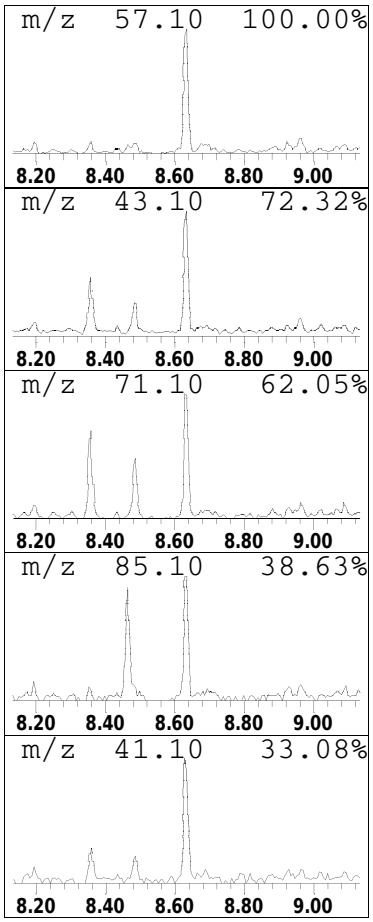
****

Peak Number 4 Unknown Alkane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.633	0.62 ug/ml	83899	IS1_Acenaphthene-d10	9.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	86
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Nonadecane	268	C19H40	000629-92-5	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83





Library Search Compound Report

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

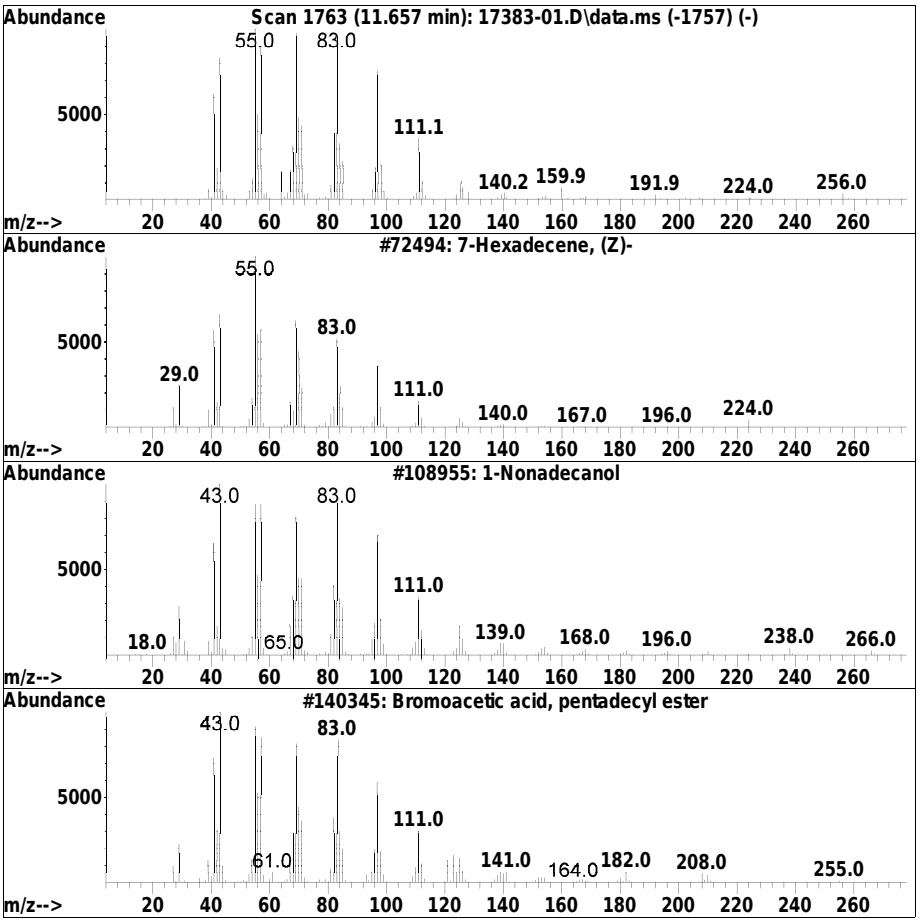
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

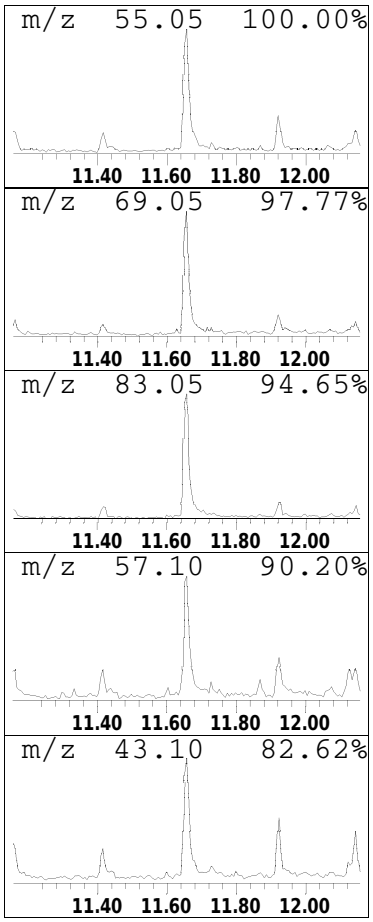
****

Peak Number 5 Unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	1.92 ug/ml	269132	IS3_Phenanthrene-d10	10.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	97
2	1-Nonadecanol	284	C19H40O	001454-84-8	94
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	91





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Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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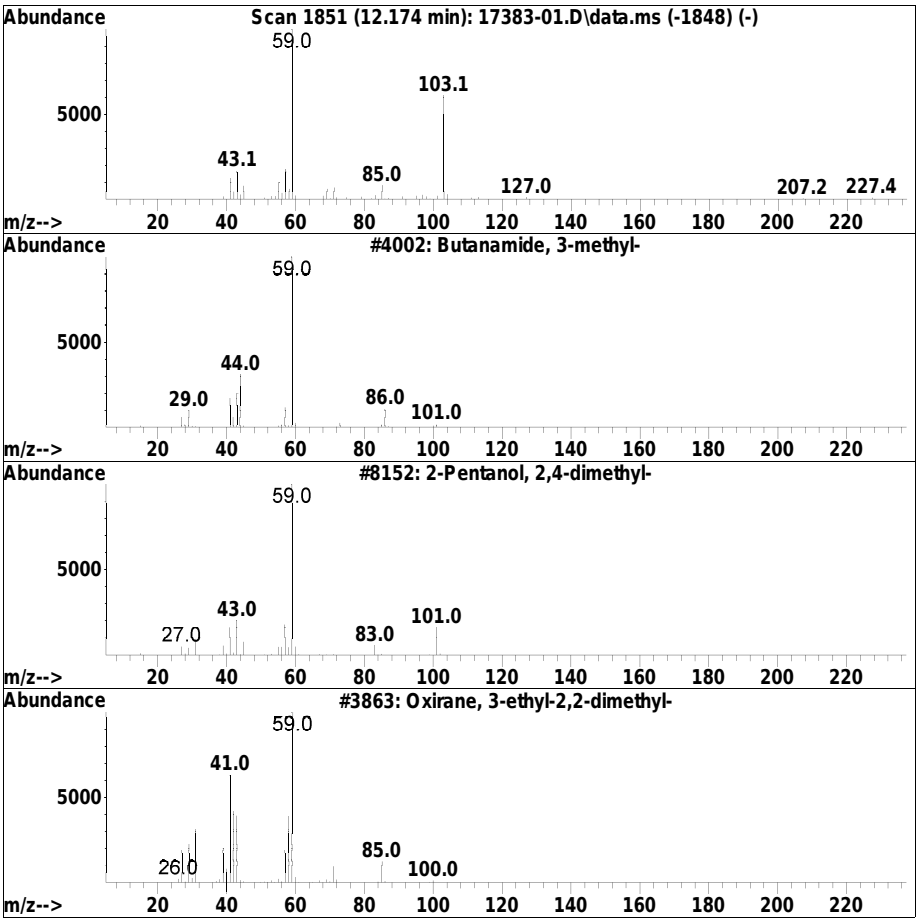
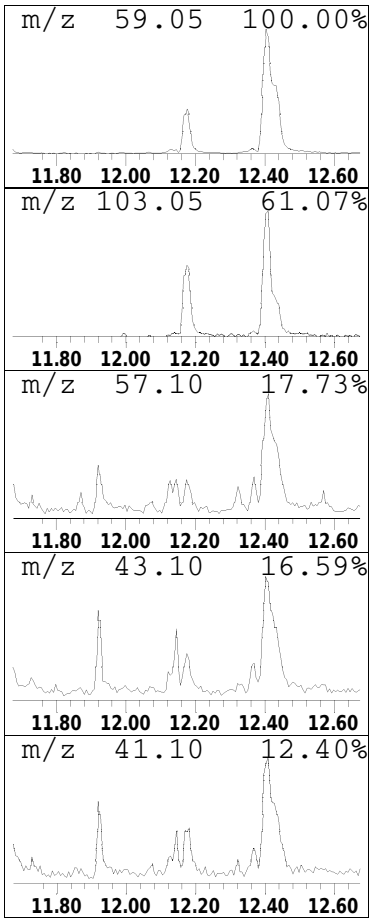
Peak Number 6 Unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.174	0.61 ug/ml	90692	IS1_Chrysene-d12	13.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	47
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	38
3	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	38
4	2-Heptanol, 2-methyl-	130	C8H18O	000625-25-2	37
5	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	28





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Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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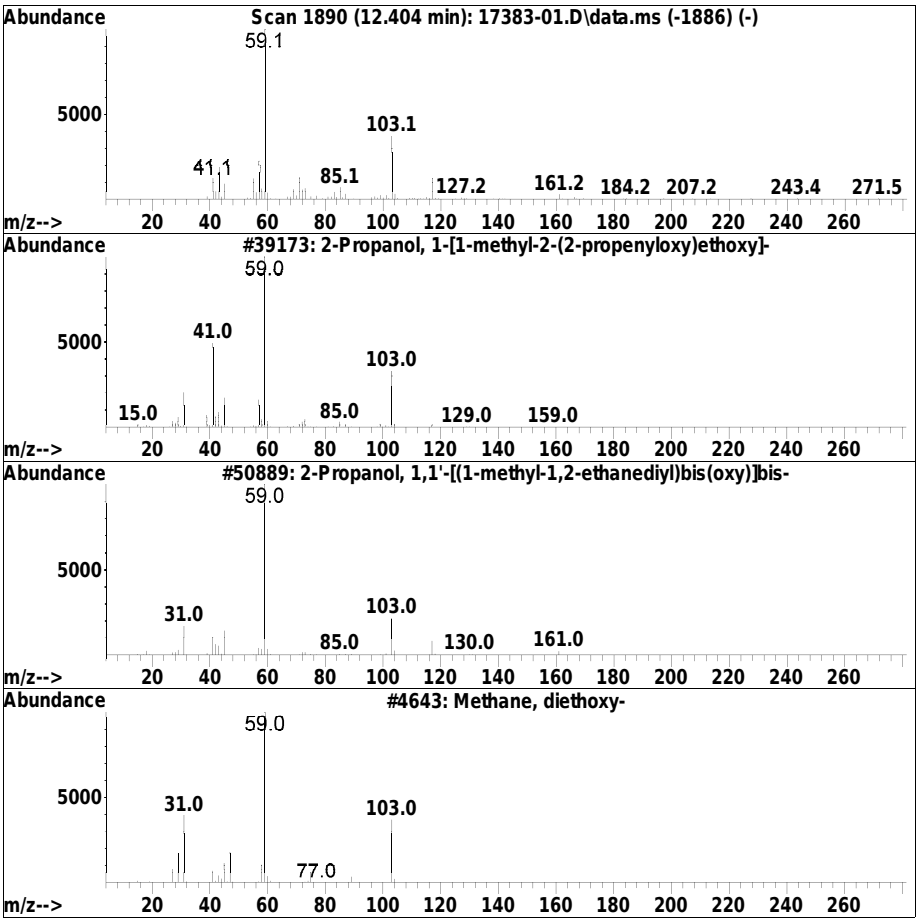
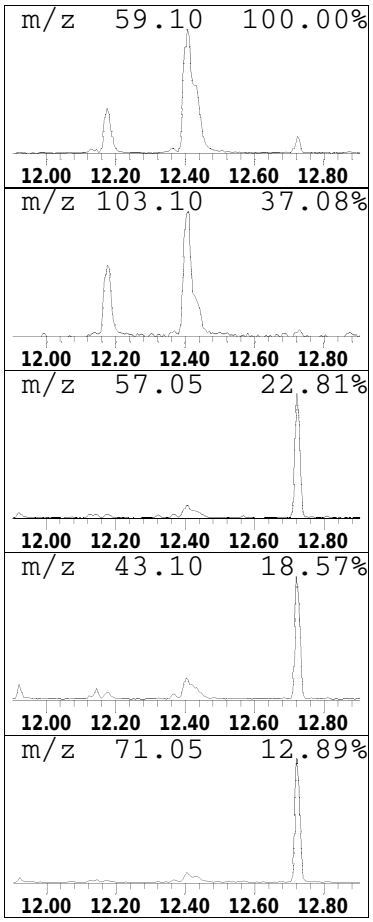
Peak Number 7 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	3.23 ug/ml	482227	IS1_Chrysene-d12	13.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	72
2	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	72
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	59
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	59
5	Methane, diethoxy-	104	C5H12O2	000462-95-3	59





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Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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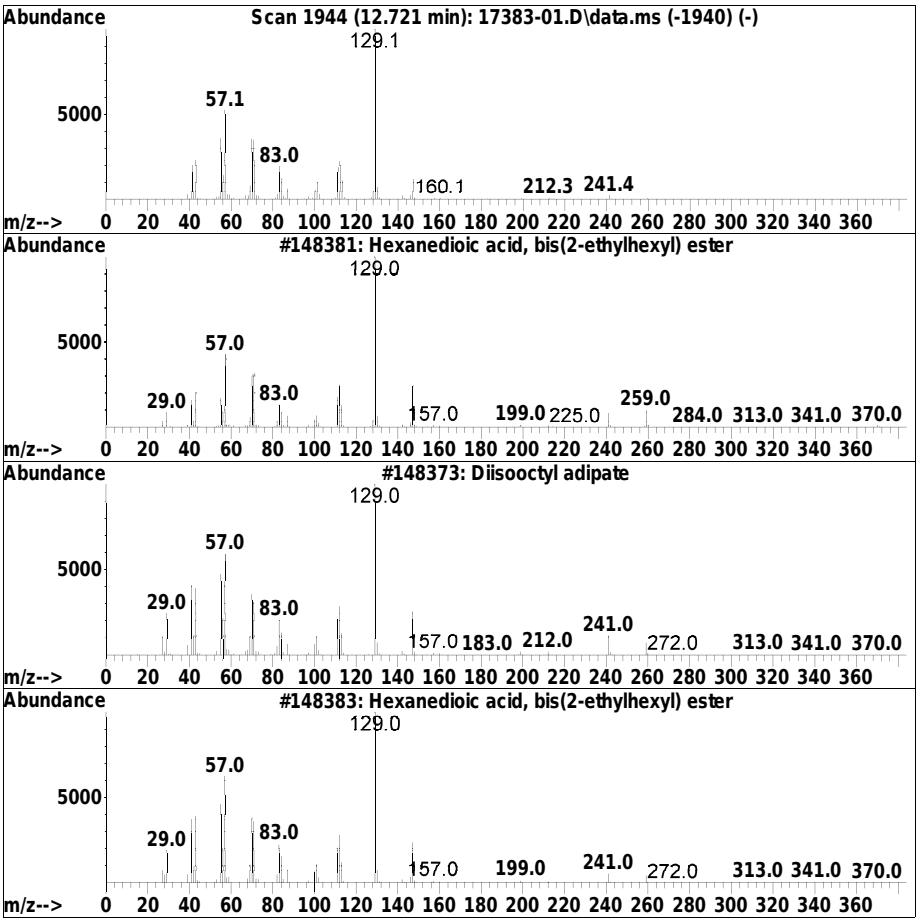
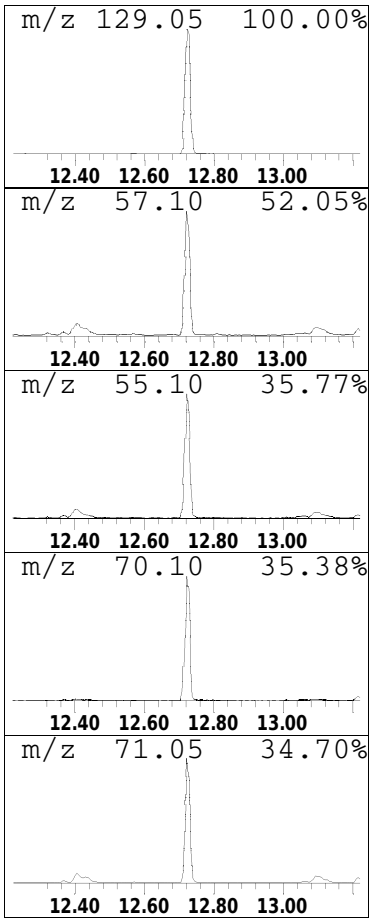
Peak Number 8 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.721	9.02 ug/ml	1344470	IS1_Chrysene-d12	13.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Diisooctyl adipate	370	C22H42O4	001330-86-5	91
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	70
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	59





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Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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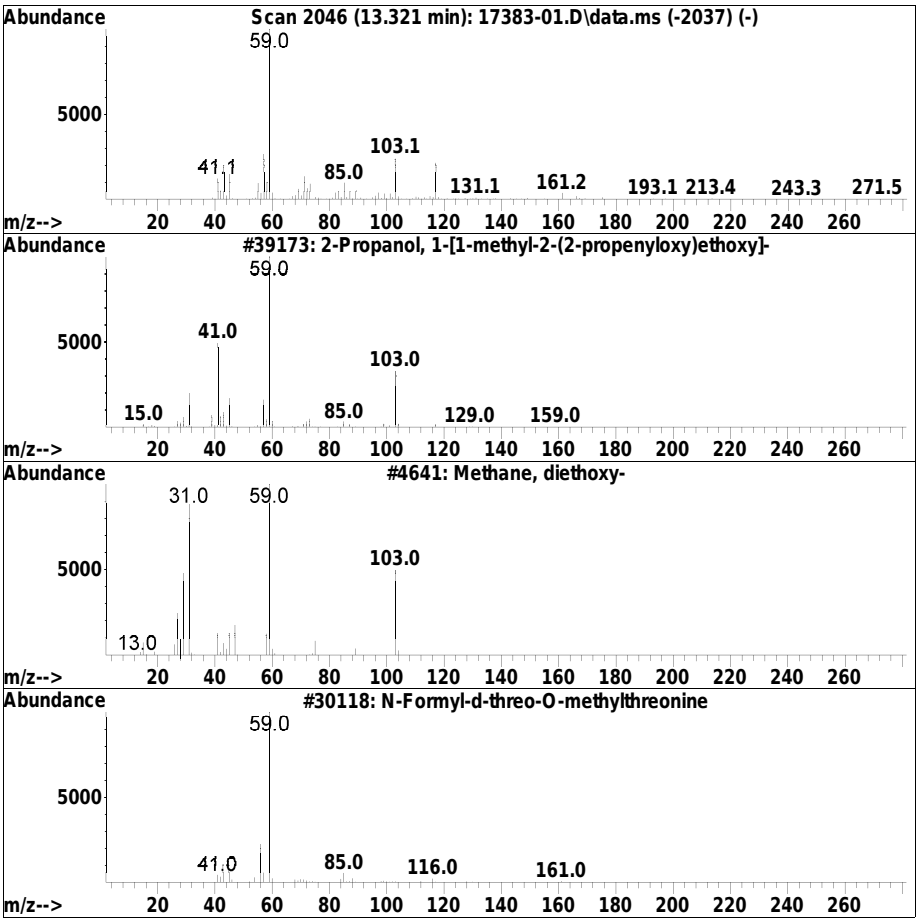
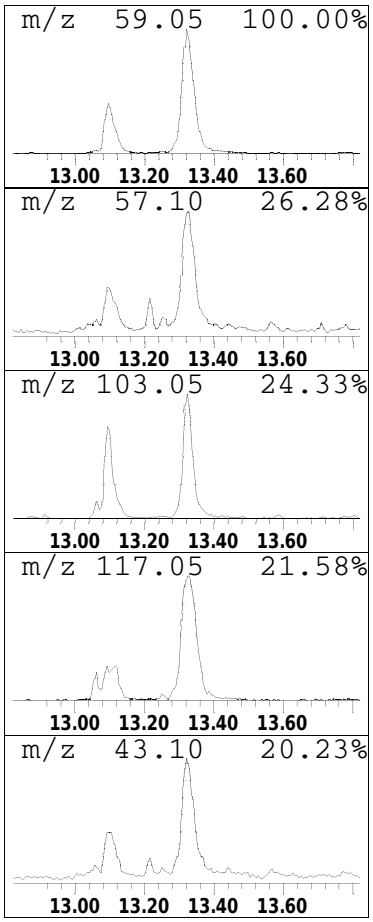
Peak Number 9 Unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.321	6.41 ug/ml	956066	IS1_Chrysene-d12	13.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	53
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	50
3	N-Formyl-d-threo-O-methylthreonine	161	C6H11NO4	1000214-69-5	47
4	Silane, hexyl-	116	C6H16Si	001072-14-6	47
5	Dipropylene glycol	134	C6H14O3	025265-71-8	47





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Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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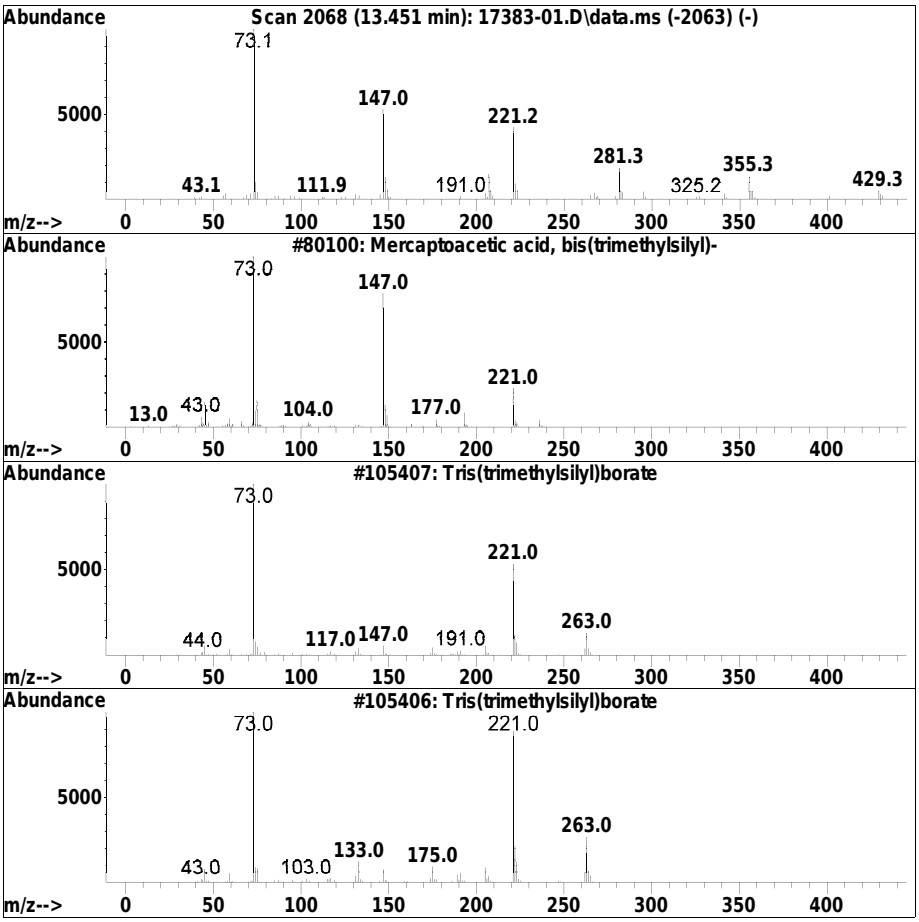
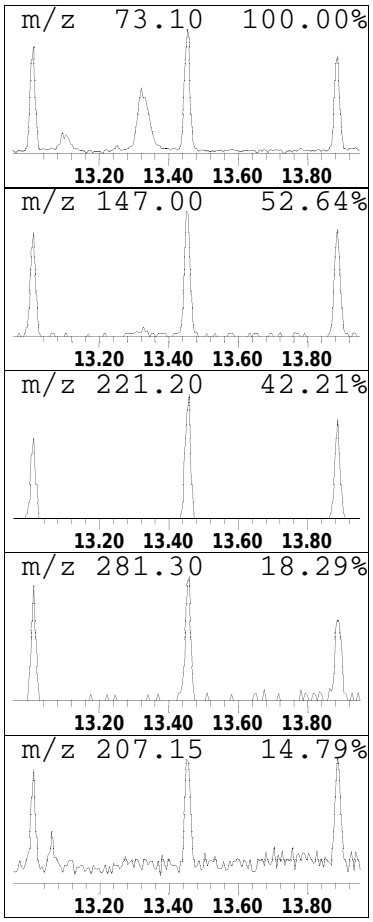
Peak Number 10 Unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.451	0.77 ug/ml	115102	IS1_Chrysene-d12	13.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	45
2	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	32
3	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	23
4	Propanedioic acid, [(trimethylsi...	336	C12H28O5Si3	038165-93-4	17
5	Ethanedioic acid, bis(trimethyls...	234	C8H18O4Si2	018294-04-7	16





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Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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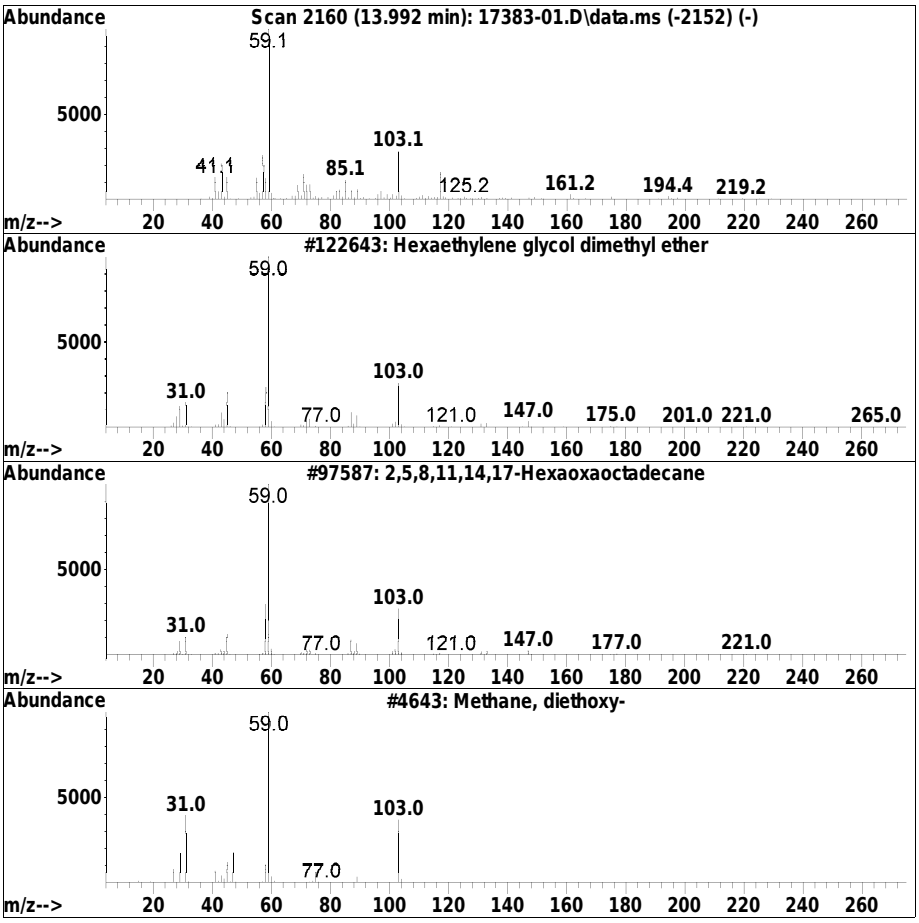
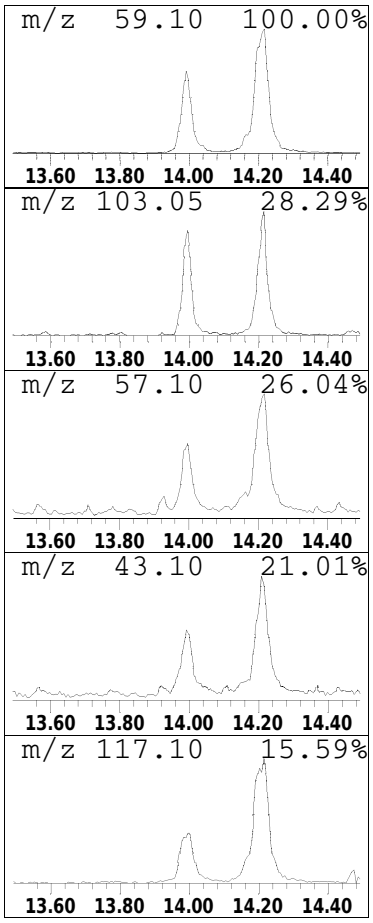
Peak Number 11 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.992	3.71 ug/ml	549985	IS1_Perylene-d12	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	59
2	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	59
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	58
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	58
5	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	53





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Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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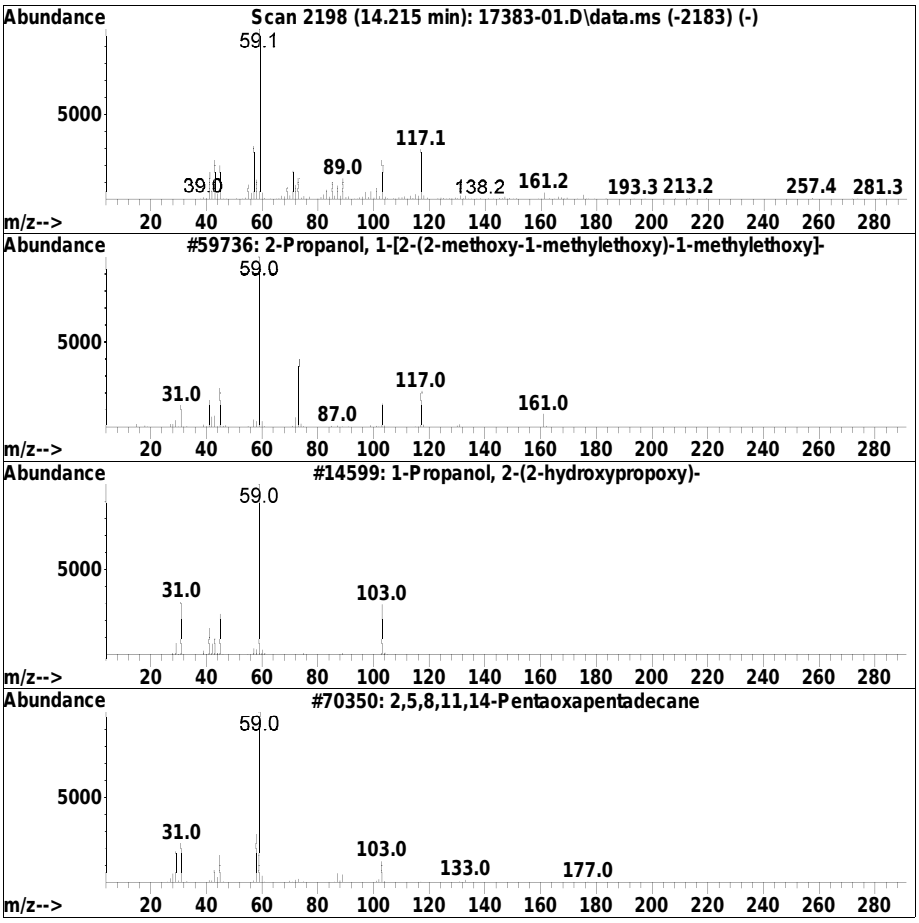
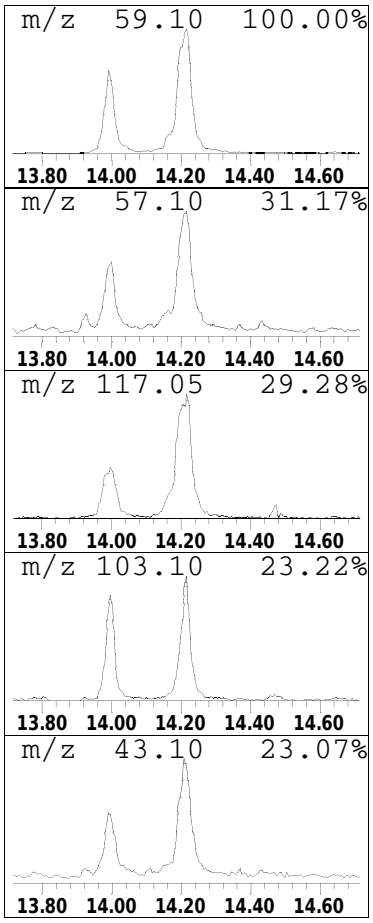
Peak Number 12 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.215	7.32 ug/ml	1084260	IS1_Perylene-d12	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	53
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
3	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50





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Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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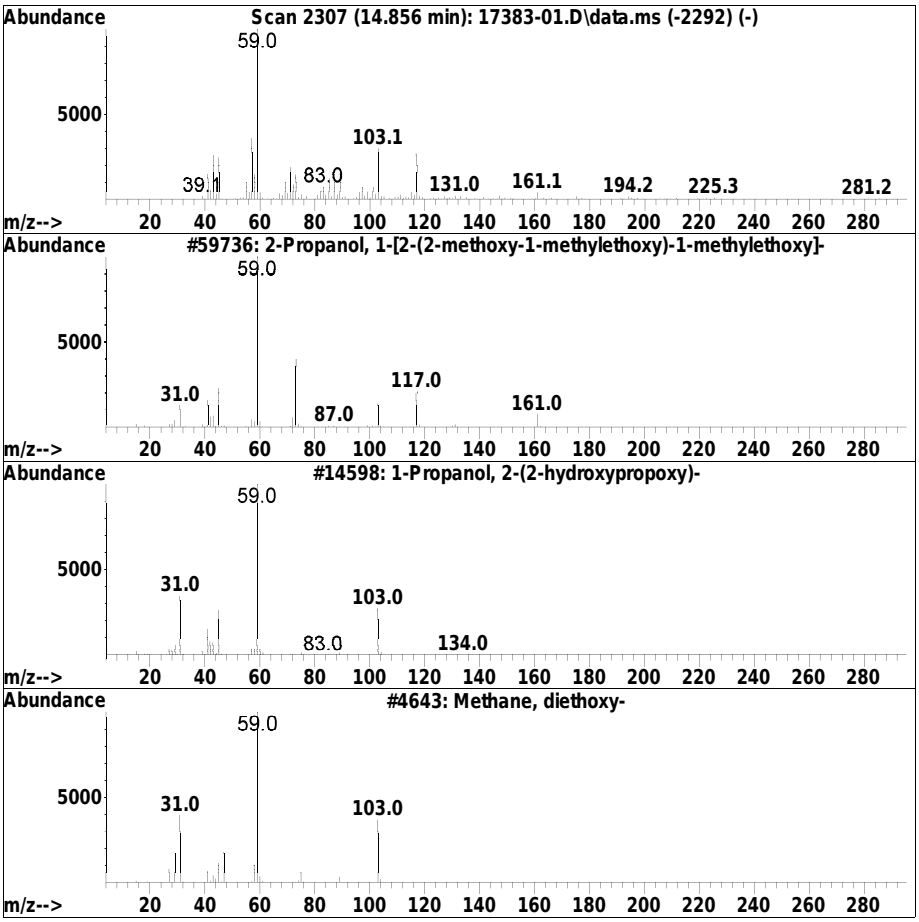
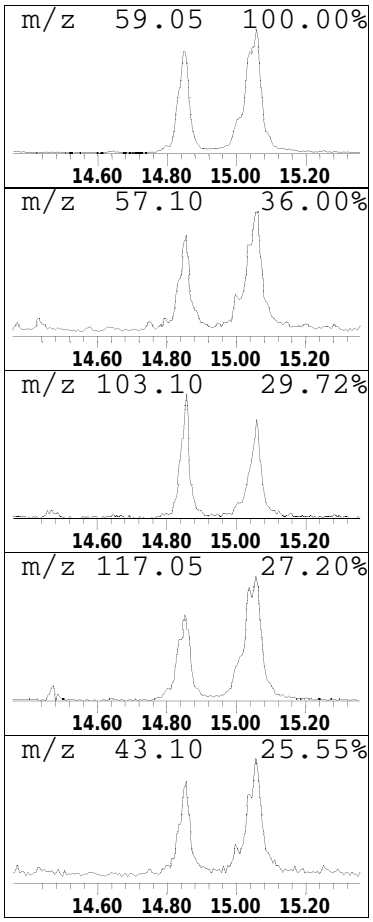
Peak Number 13 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.857	4.44 ug/ml	657716	IS1_Perylene-d12	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	53
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	47
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	47
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	47





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Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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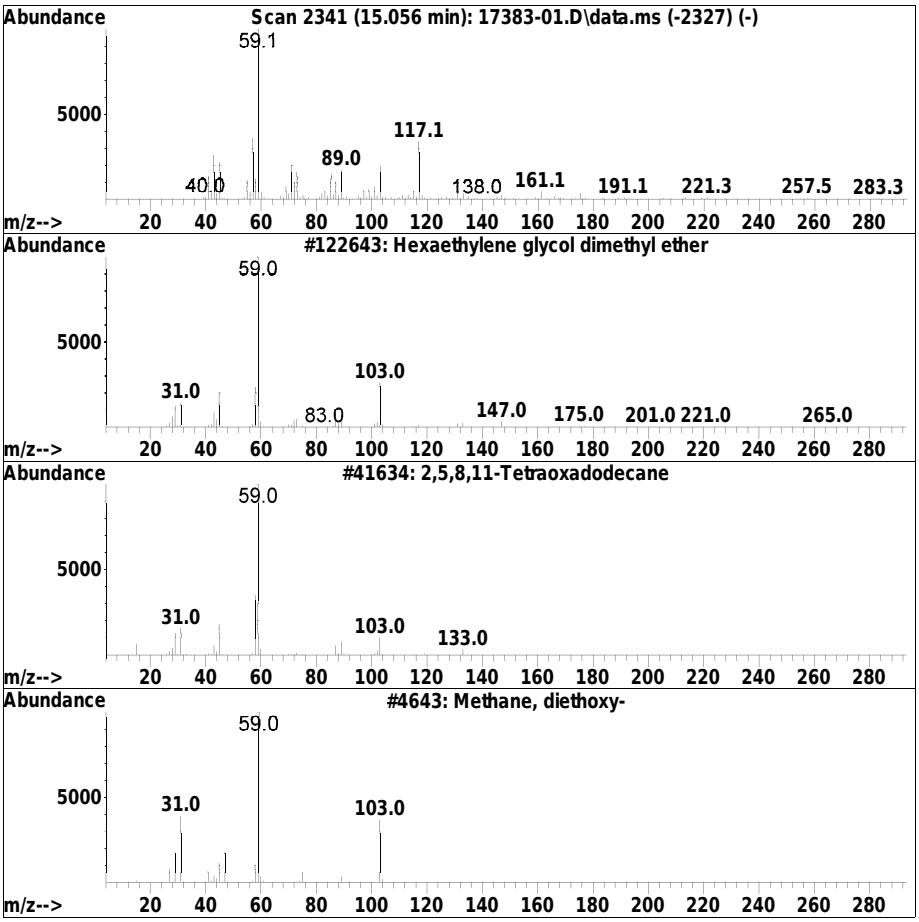
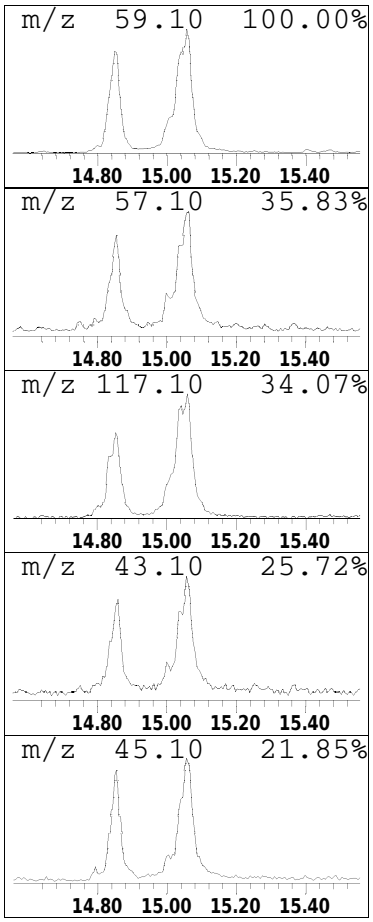
Peak Number 14 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.057	6.97 ug/ml	1033110	IS1_Perylene-d12	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	47
2	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	47
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	43
4	2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	43
5	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	43





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Sample : L2017383-01,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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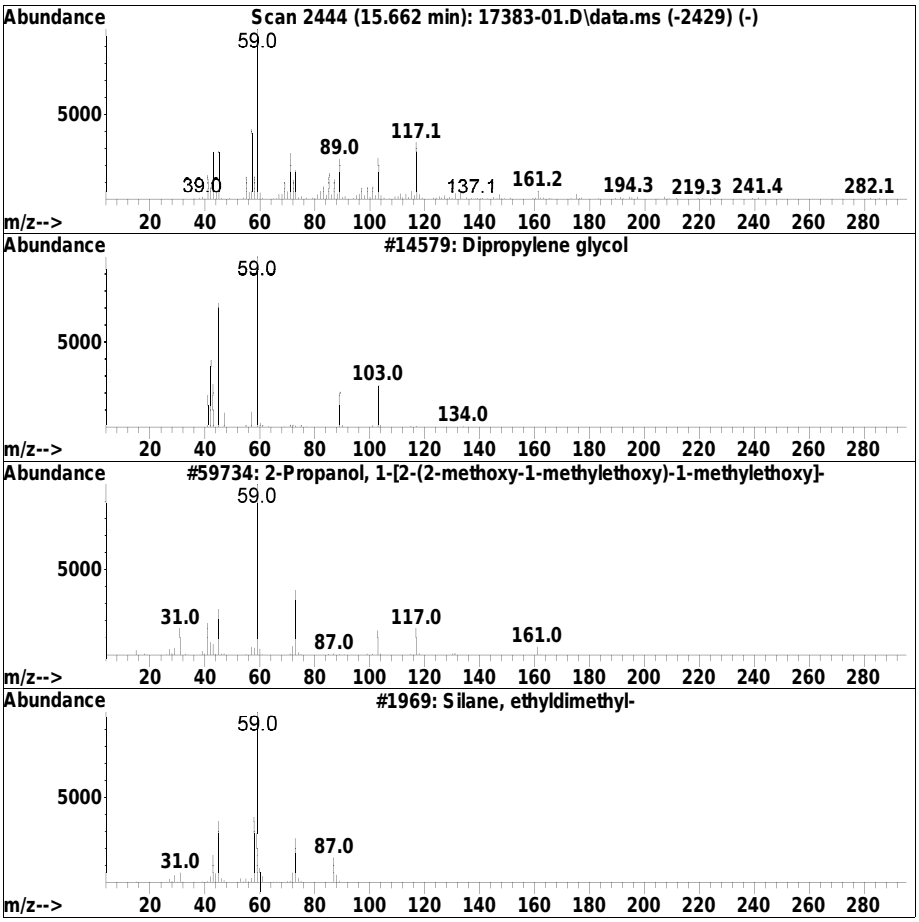
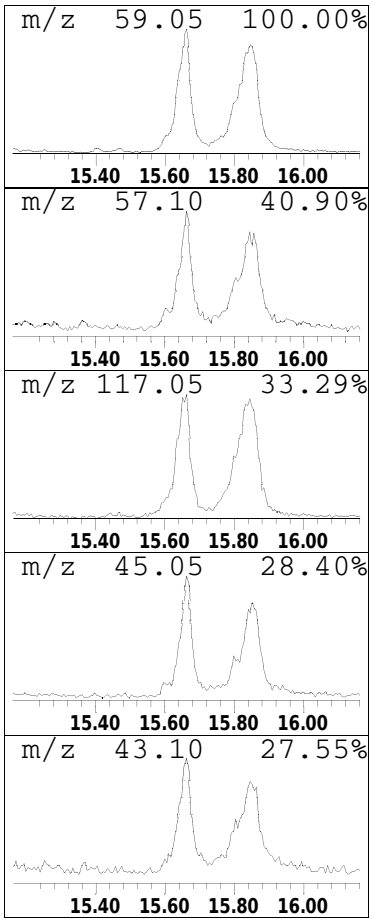
Peak Number 15 Unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.662	4.79 ug/ml	709954	IS1_Perylene-d12	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dipropylene glycol	134	C6H14O3	025265-71-8	50
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	50
3	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	43
4	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	40
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	40





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ALS Vial : 12 Sample Multiplier: 1

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Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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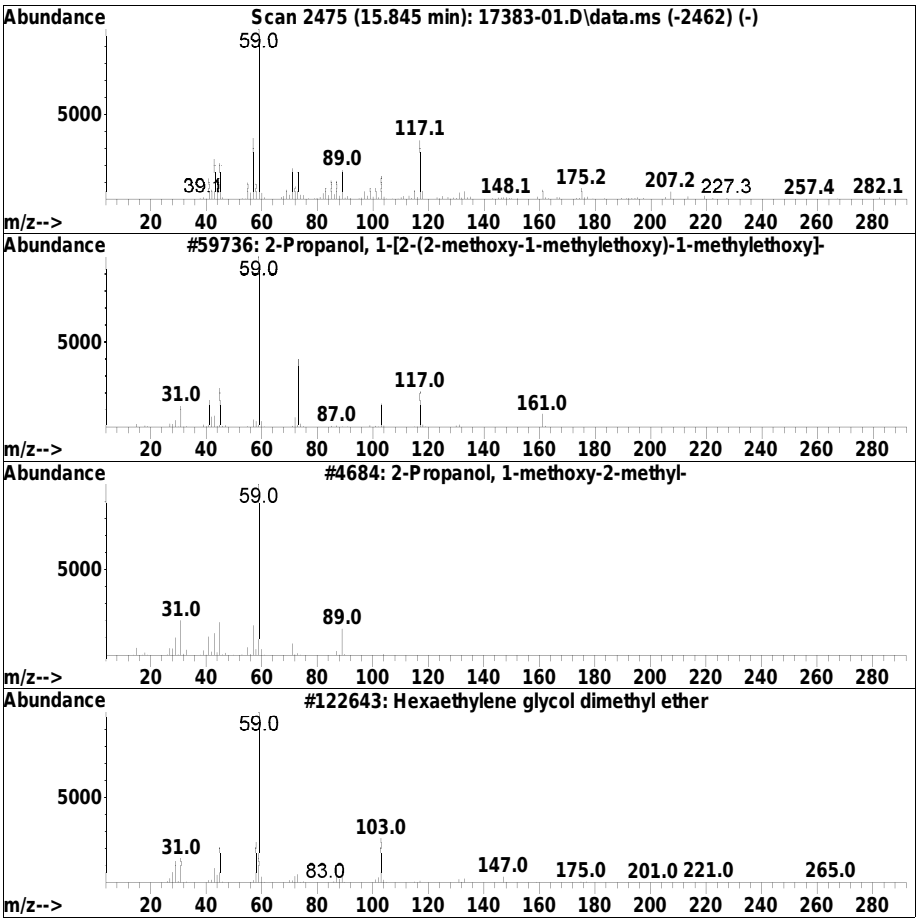
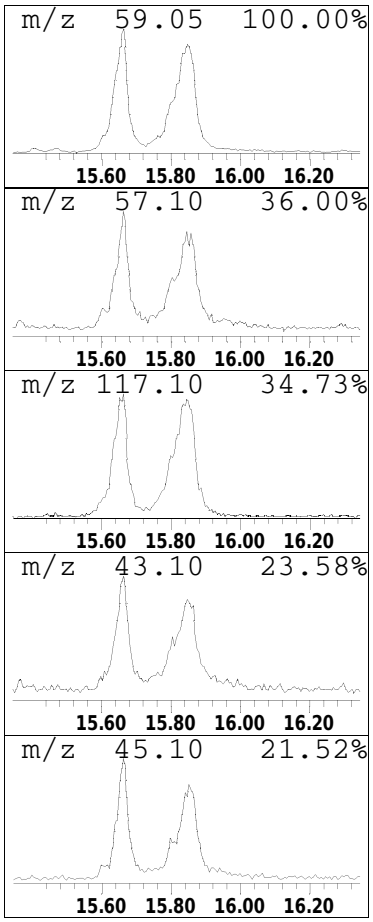
Peak Number 16 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	5.56 ug/ml	823372	IS1_Perylene-d12	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	50
2	2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	50
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	47
4	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	46
5	1,2-Butanediol	90	C4H10O2	000584-03-2	46





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-01.D
Acq On : 30 Apr 2020 2:08 am
Operator : SV107:sz
Sample : L2017383-01,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	5.604	0.6	ug/ml	48615	1	5.822	331311	4.0
Unknown Alkane	7.445	0.8	ug/ml	104172	5	7.322	508241	4.0
Unknown Alkane	8.633	0.6	ug/ml	83899	6	9.086	540407	4.0
Unknown	11.657	1.9	ug/ml	269132	11	10.504	559377	4.0
Unknown	12.174	0.6	ug/ml	90692	12	13.063	596377	4.0
Unknown	12.404	3.2	ug/ml	482227	12	13.063	596377	4.0
Unknown	12.721	9.0	ug/ml	1344470	12	13.063	596377	4.0
Unknown	13.321	6.4	ug/ml	956066	12	13.063	596377	4.0
Unknown	13.451	0.8	ug/ml	115102	12	13.063	596377	4.0
Unknown	13.992	3.7	ug/ml	549985	13	14.474	592782	4.0
Unknown	14.215	7.3	ug/ml	1084260	13	14.474	592782	4.0
Unknown	14.857	4.4	ug/ml	657716	13	14.474	592782	4.0
Unknown	15.057	7.0	ug/ml	1033110	13	14.474	592782	4.0
Unknown	15.662	4.8	ug/ml	709954	13	14.474	592782	4.0
Unknown	15.845	5.6	ug/ml	823372	13	14.474	592782	4.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 01 10:01:15 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:52:47 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.822	150	78705	4.000	ug/ml		0.00
Standard Area 1 = 109810			Recovery = 71.67%				
27) IS2_1,4-Dichlorobenzen...	5.822	150	78705	4.000	ug/ml		0.00
Standard Area 3 = 101847			Recovery = 77.28%				
34) IS1_Naphthalene-d8	7.322	136	202773	4.000	ug/ml	#	0.00
Standard Area 1 = 286000			Recovery = 70.90%				
54) IS2_Naphthalene-d8	7.322	136	202773	4.000	ug/ml	#	0.00
Standard Area 3 = 268233			Recovery = 75.60%				
62) IS1_Acenaphthene-d10	9.086	164	112674	4.000	ug/ml		0.00
Standard Area 1 = 151476			Recovery = 74.38%				
85) IS3_Acenaphthene-d10	9.086	164	112674	4.000	ug/ml		0.00
Standard Area 2 = 152968			Recovery = 73.66%				
87) IS1_Phenanthrene-d10	10.504	188	205395	4.000	ug/ml	#	0.00
Standard Area 1 = 292447			Recovery = 70.23%				
103) IS1_Chrysene-d12	13.063	240	183923	4.000	ug/ml	#	0.00
Standard Area 1 = 254844			Recovery = 72.17%				
112) IS1_Perylene-d12	14.474	264	186624	4.000	ug/ml		0.00
Standard Area 1 = 271388			Recovery = 68.77%				
System Monitoring Compounds							
4) 2-Fluorophenol	3.316	112	38630	2.463	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 49.26%				
7) Phenol-d6	5.463	99	46924	2.283	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 45.66%				
19) Nitrobenzene-d5	6.539	82	27431	0.994	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 39.76%				
45) 2-Fluorobiphenyl	8.463	172	54838	1.025	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 41.00%				
78) 2,4,6-Tribromophenol	9.845	330	7735	2.176	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 43.52%				
95) 4-Terphenyl-d14	12.074	244	69562	1.372	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 54.88%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 01 10:01:15 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:52:47 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.	d	
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.		
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.		
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 01 10:01:15 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:52:47 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
106)	Chrysene	0.000		0	N.D.		
107)	Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108)	Di-n-octylphthalate	0.000		0	N.D.	d	
115)	Benzo(ghi)perylene	0.000		0	N.D.		

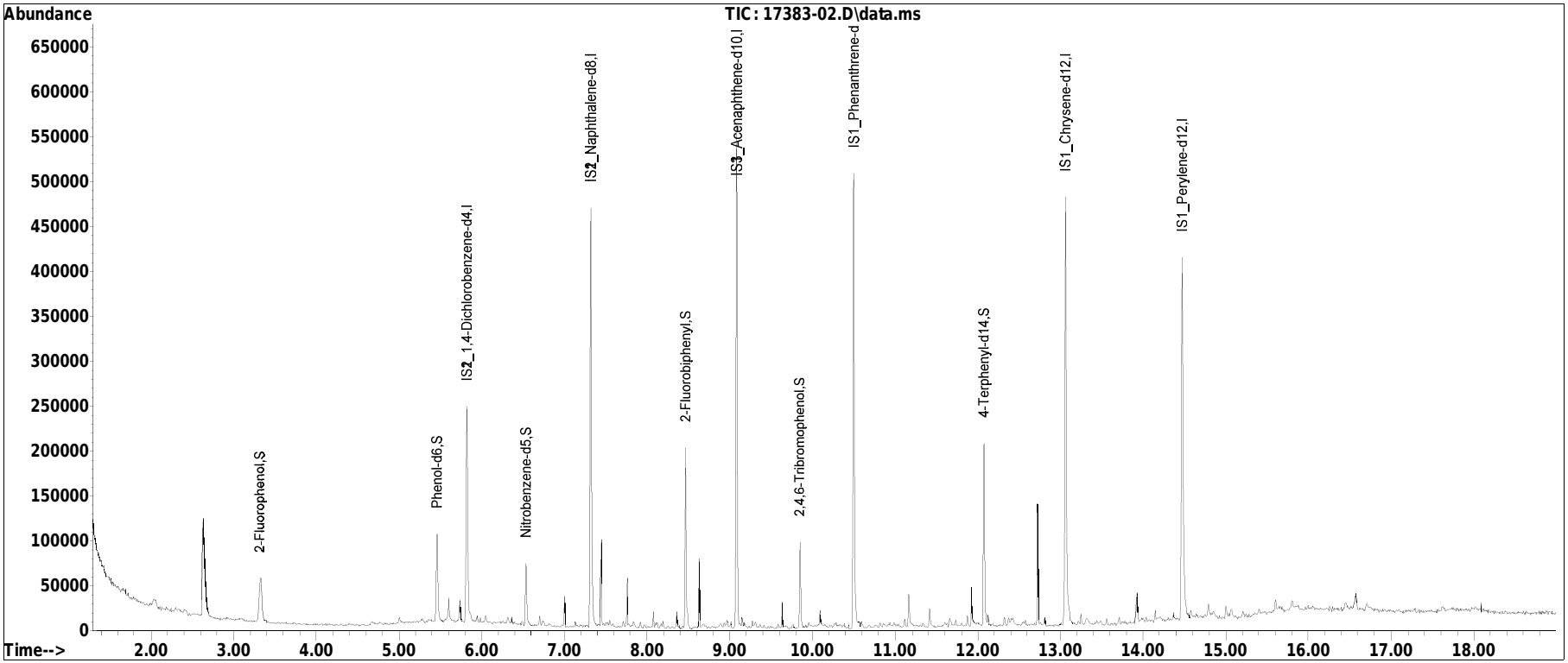
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 01 10:01:15 2020
Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 02:52:47 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional0429n.D•



Manual Integration Report

Data Path	: I:\8270\SV107\200429nlvi\	QMethod	: FS190927SV107.m
Data File	: 17383-02.D	Operator	: SV107:sz
Date Inj'd	: 4/30/2020 2:34 am	Instrument	: SV 107
Sample	: L2017383-02,32,,nj-bnext-l	Quant Date	: 4/30/2020 2:52 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 17383-02.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.628	223	228	246	rVB2	110887	255760	43.80%	4.676%
2	3.316	338	345	359	rVB3	49091	134547	23.04%	2.460%
3	4.687	572	578	585	rBV6	3638	10536	1.80%	0.193%
4	4.769	589	592	599	rVB6	2785	4907	0.84%	0.090%
5	5.004	628	632	640	rBV5	6236	11401	1.95%	0.208%
6	5.463	705	710	723	rVB	97912	130997	22.43%	2.395%
7	5.604	729	734	746	rVB2	25984	37784	6.47%	0.691%
8	5.734	752	756	764	rVB2	24097	32931	5.64%	0.602%
9	5.822	766	771	784	rBV	240256	319774	54.76%	5.846%
10	5.939	788	791	795	rVV3	7534	8079	1.38%	0.148%
11	5.987	795	799	802	rVB5	4891	5363	0.92%	0.098%
12	6.045	806	809	815	rVB8	7514	9034	1.55%	0.165%
13	6.310	850	854	858	rVV5	7759	10487	1.80%	0.192%
14	6.357	860	862	866	rVB3	8517	9634	1.65%	0.176%
15	6.492	882	885	889	rVB4	5168	7048	1.21%	0.129%
16	6.539	889	893	904	rBV	69399	82181	14.07%	1.502%
17	6.704	916	921	924	rVV3	10828	10524	1.80%	0.192%
18	6.739	924	927	935	rVV6	5945	10350	1.77%	0.189%
19	6.816	935	940	950	rVB8	3438	7882	1.35%	0.144%
20	7.004	964	972	976	rBV	34188	32494	5.56%	0.594%
21	7.128	990	993	997	rBV4	5062	5451	0.93%	0.100%
22	7.322	1022	1026	1039	rBV	466925	472290	80.88%	8.634%
23	7.445	1043	1047	1051	rVB	94984	77964	13.35%	1.425%
24	7.551	1063	1065	1069	rVB2	6646	5635	0.96%	0.103%
25	7.586	1069	1071	1080	rVB5	4262	6445	1.10%	0.118%
26	7.710	1089	1092	1095	rBV3	6419	6230	1.07%	0.114%
27	7.763	1095	1101	1104	rBV	54115	55156	9.45%	1.008%
28	7.839	1110	1114	1122	rVB6	7268	12334	2.11%	0.225%

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.922	1122	1128	1132	rBV4	6739	7322	1.25%	0.134%
30	7.975	1132	1137	1141	rBV6	3582	5010	0.86%	0.092%
31	8.075	1148	1154	1157	rBV2	17741	20479	3.51%	0.374%
32	8.175	1166	1171	1172	rBV2	4872	5657	0.97%	0.103%
33	8.192	1172	1174	1178	rVB	7964	6132	1.05%	0.112%
34	8.357	1197	1202	1209	rBV3	18254	21572	3.69%	0.394%
35	8.463	1213	1220	1235	rBV	201533	184904	31.66%	3.380%
36	8.628	1244	1248	1253	rBV	77279	70462	12.07%	1.288%
37	8.692	1253	1259	1261	rVV5	3363	6036	1.03%	0.110%
38	8.886	1284	1292	1296	rBV5	4425	8649	1.48%	0.158%
39	8.963	1301	1305	1311	rVV2	7531	10941	1.87%	0.200%
40	9.016	1311	1314	1320	rVB4	5826	6561	1.12%	0.120%
41	9.086	1320	1326	1334	rBV	559806	517613	88.64%	9.462%
42	9.145	1334	1336	1339	rVV	10799	9943	1.70%	0.182%
43	9.175	1339	1341	1348	rVB	6853	9523	1.63%	0.174%
44	9.269	1353	1357	1360	rBV3	7599	7800	1.34%	0.143%
45	9.316	1360	1365	1368	rVB3	5939	8294	1.42%	0.152%
46	9.580	1403	1410	1413	rBV2	4730	6819	1.17%	0.125%
47	9.633	1415	1419	1422	rBV	29338	24336	4.17%	0.445%
48	9.769	1434	1442	1446	rVB5	4309	8863	1.52%	0.162%
49	9.845	1446	1455	1461	rBV	96428	91635	15.69%	1.675%
50	9.963	1471	1475	1478	rBV3	4528	4855	0.83%	0.089%
51	10.092	1491	1497	1503	rVB3	17835	21031	3.60%	0.384%
52	10.269	1522	1527	1529	rBV3	4437	6660	1.14%	0.122%
53	10.386	1543	1547	1552	rVB5	4635	6655	1.14%	0.122%
54	10.504	1561	1567	1579	rBV	507001	546645	93.61%	9.993%
55	10.598	1579	1583	1592	rVB6	7800	13838	2.37%	0.253%
56	10.692	1592	1599	1604	rBV6	3248	6922	1.19%	0.127%
57	10.774	1606	1613	1618	rBV8	2699	5030	0.86%	0.092%
58	10.822	1618	1621	1625	rBV3	4964	5006	0.86%	0.092%
59	10.863	1625	1628	1635	rBV7	4239	8191	1.40%	0.150%
60	10.939	1635	1641	1646	rVV4	4681	7330	1.26%	0.134%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	10.986	1646	1649	1652	rVV3	3970	4888	0.84%	0.089%
62	11.110	1665	1670	1675	rBV	8862	9292	1.59%	0.170%
63	11.157	1675	1678	1691	rBV	36057	45447	7.78%	0.831%
64	11.416	1719	1722	1731	rVB2	20834	22910	3.92%	0.419%
65	11.598	1747	1753	1756	rVV4	5252	9335	1.60%	0.171%
66	11.657	1760	1763	1770	rBV6	10189	18953	3.25%	0.346%
67	11.727	1773	1775	1780	rVV3	7433	8237	1.41%	0.151%
68	11.868	1792	1799	1804	rVB4	12712	14421	2.47%	0.264%
69	11.921	1804	1808	1818	rBV	44057	54632	9.36%	0.999%
70	12.016	1822	1824	1829	rVV5	4807	6963	1.19%	0.127%
71	12.074	1829	1834	1840	rVV	204245	214152	36.67%	3.915%
72	12.121	1840	1842	1848	rVV3	13228	14477	2.48%	0.265%
73	12.263	1861	1866	1872	rBV9	2474	5643	0.97%	0.103%
74	12.321	1872	1876	1880	rBV3	9704	10721	1.84%	0.196%
75	12.368	1880	1884	1887	rBV2	8600	12189	2.09%	0.223%
76	12.551	1909	1915	1916	rBV6	4554	7242	1.24%	0.132%
77	12.568	1916	1918	1921	rVB3	5021	4862	0.83%	0.089%
78	12.721	1939	1944	1950	rBV	135551	131896	22.59%	2.411%
79	12.810	1955	1959	1965	rVB4	9269	11026	1.89%	0.202%
80	13.010	1987	1993	1995	rBV5	4235	5990	1.03%	0.110%
81	13.063	1995	2002	2018	rVV	476372	576477	98.72%	10.539%
82	13.215	2025	2028	2032	rBV5	4300	5250	0.90%	0.096%
83	13.257	2032	2035	2041	rVB2	11927	12238	2.10%	0.224%
84	13.321	2041	2046	2056	rBV7	6848	19277	3.30%	0.352%
85	13.486	2071	2074	2079	rVB6	4442	6571	1.13%	0.120%
86	13.563	2082	2087	2094	rVB6	7902	10833	1.86%	0.198%
87	13.715	2106	2113	2116	rBV5	9482	13289	2.28%	0.243%
88	13.845	2130	2135	2138	rBV6	3510	5325	0.91%	0.097%
89	13.921	2144	2148	2154	rBV3	34142	48742	8.35%	0.891%
90	14.039	2165	2168	2171	rBV5	5664	5227	0.90%	0.096%
91	14.151	2183	2187	2191	rBV5	13495	19801	3.39%	0.362%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

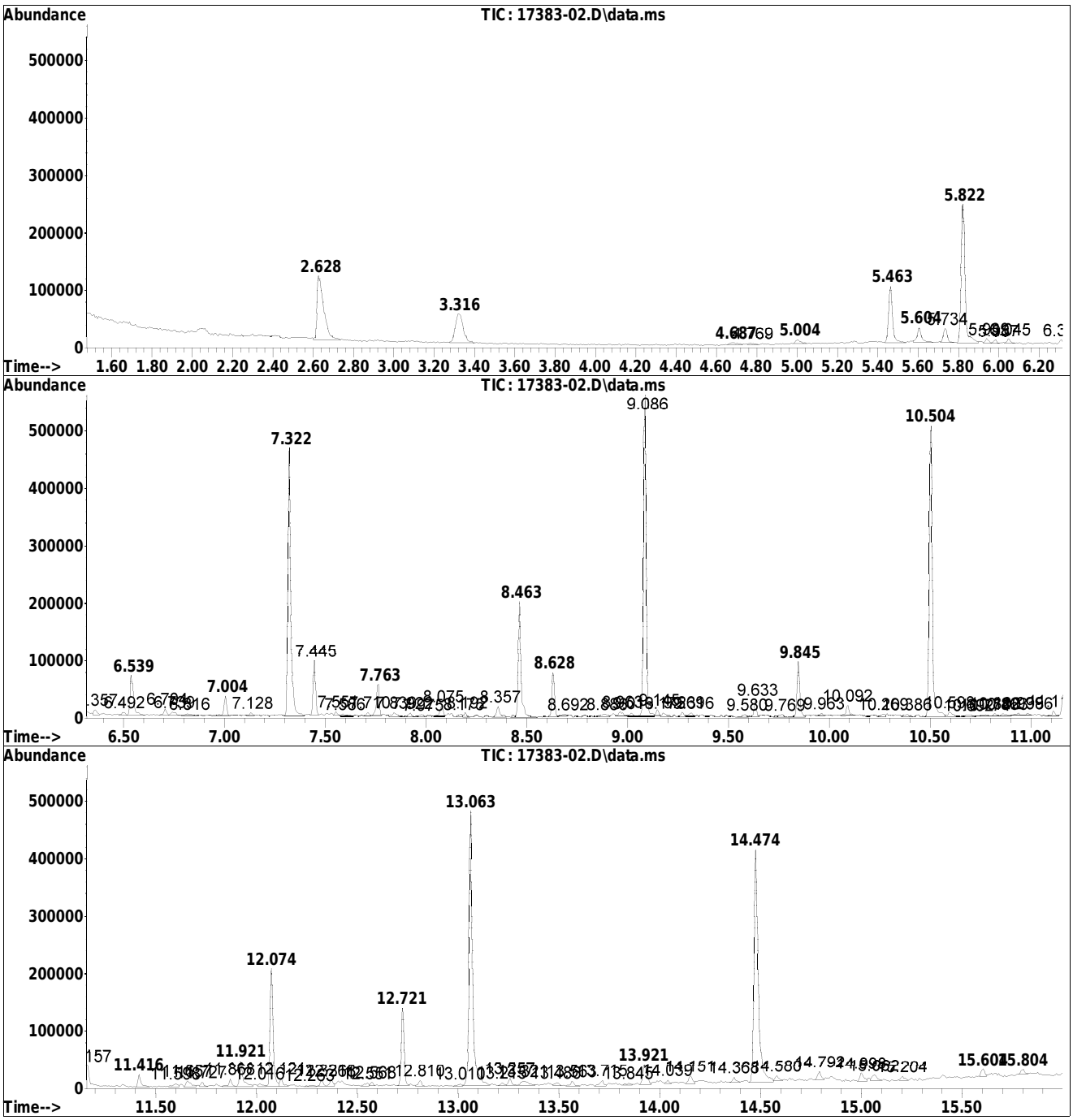
92	14.368	2220	2224	2229	rBV5	8392	9533	1.63%	0.174%
93	14.474	2236	2242	2257	rBV	404486	583947	100.00%	10.675%
94	14.580	2257	2260	2265	rBV6	8323	10851	1.86%	0.198%
95	14.792	2292	2296	2300	rBV5	13706	15720	2.69%	0.287%
96	14.998	2328	2331	2336	rBV6	14236	19592	3.36%	0.358%
97	15.062	2339	2342	2349	rVB7	9004	16521	2.83%	0.302%
98	15.204	2363	2366	2371	rVB7	6714	8445	1.45%	0.154%
99	15.604	2431	2434	2437	rBV6	12486	15744	2.70%	0.288%
100	15.804	2464	2468	2472	rBV6	7800	9579	1.64%	0.175%

Sum of corrected areas: 5470170

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

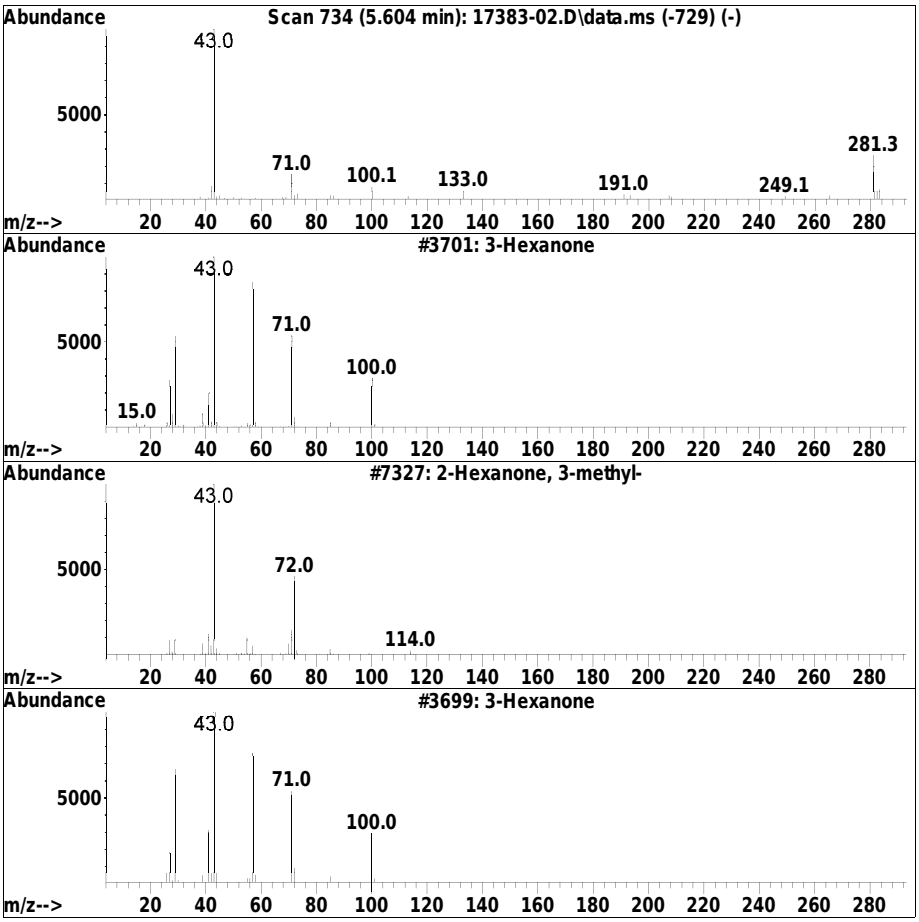
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

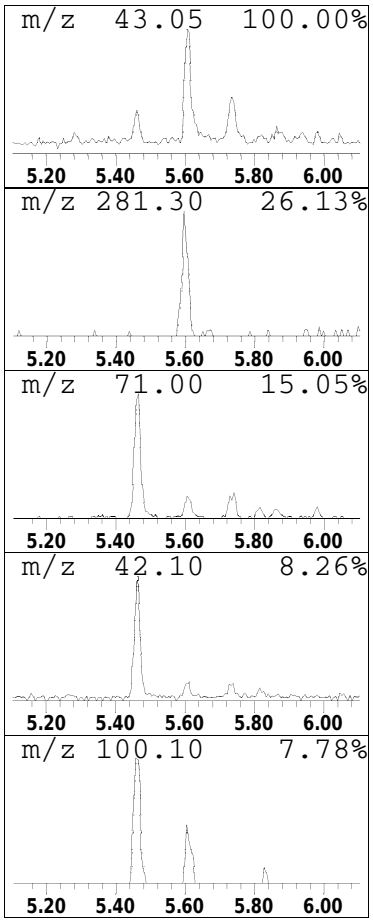
****

Peak Number 2 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.604	0.47 ug/ml	37784	IS2_1,4-Dichlorobenzene-d4	5.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	9
2	2-Hexanone, 3-methyl-	114	C7H14O	002550-21-2	9
3	3-Hexanone	100	C6H12O	000589-38-8	7
4	3-Hexanone	100	C6H12O	000589-38-8	7
5	Heptane	100	C7H16	000142-82-5	7





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

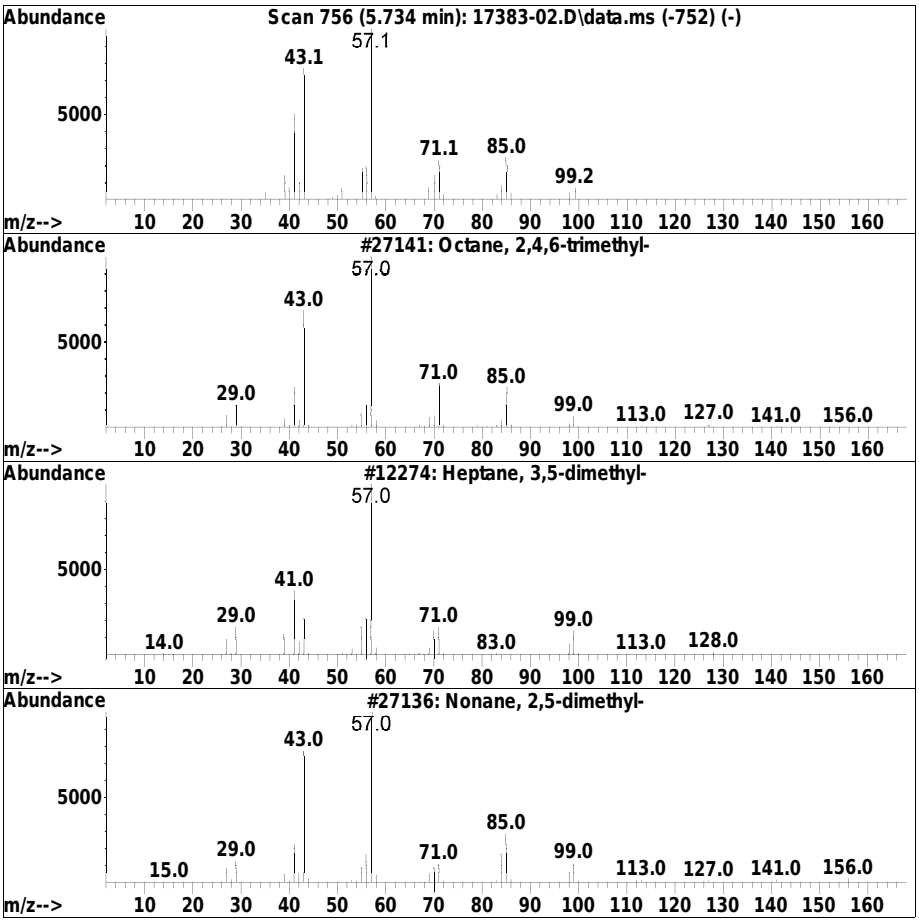
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

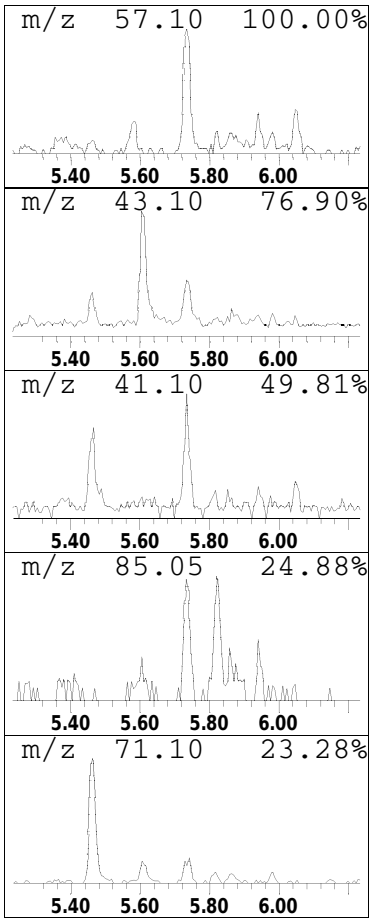
****

Peak Number 3 Unknown Alkane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.734	0.41 ug/ml	32931	IS2_1,4-Dichlorobenzene-d4	5.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53
3	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	50
4	Decane	142	C10H22	000124-18-5	45
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

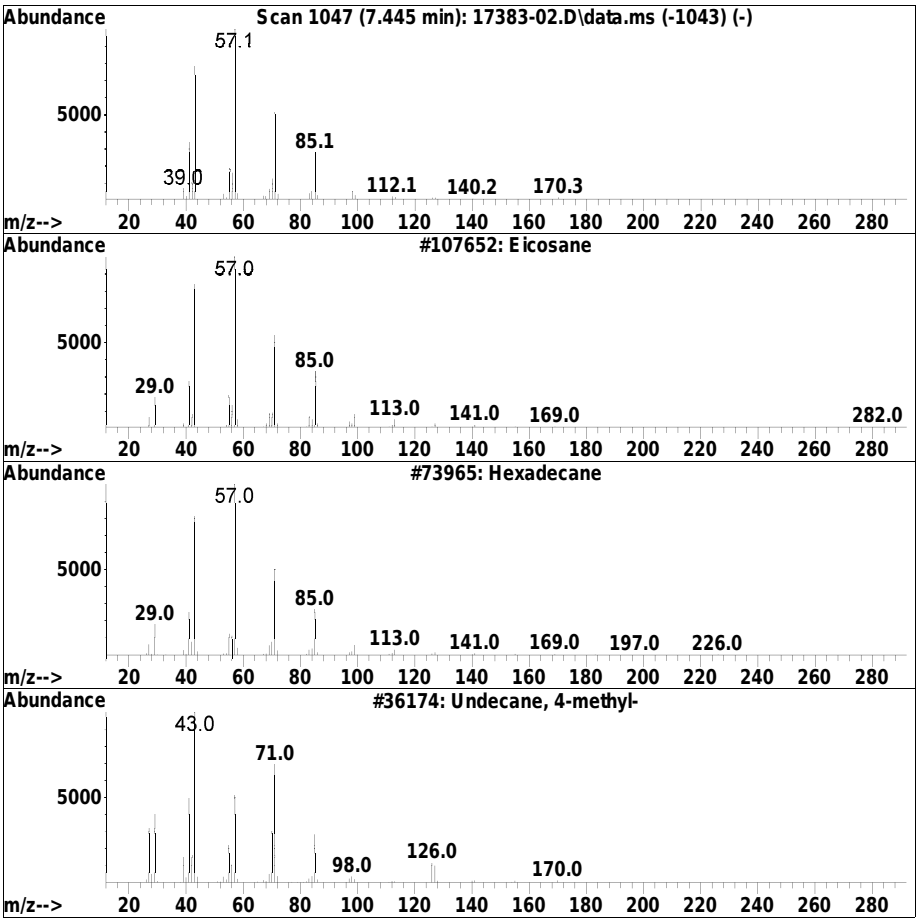
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

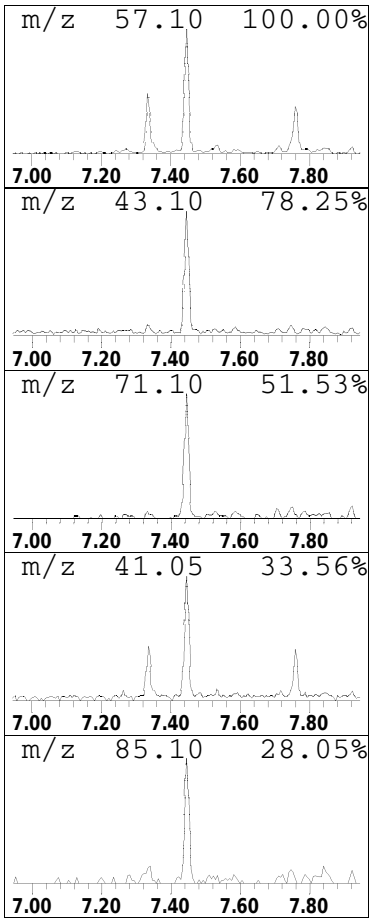
****

Peak Number 4 Unknown Alkane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.445	0.66 ug/ml	77964	IS2_Naphthalene-d8	7.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Hexadecane	226	C16H34	000544-76-3	83
3	Undecane, 4-methyl-	170	C12H26	002980-69-0	72
4	Hexadecane	226	C16H34	000544-76-3	59
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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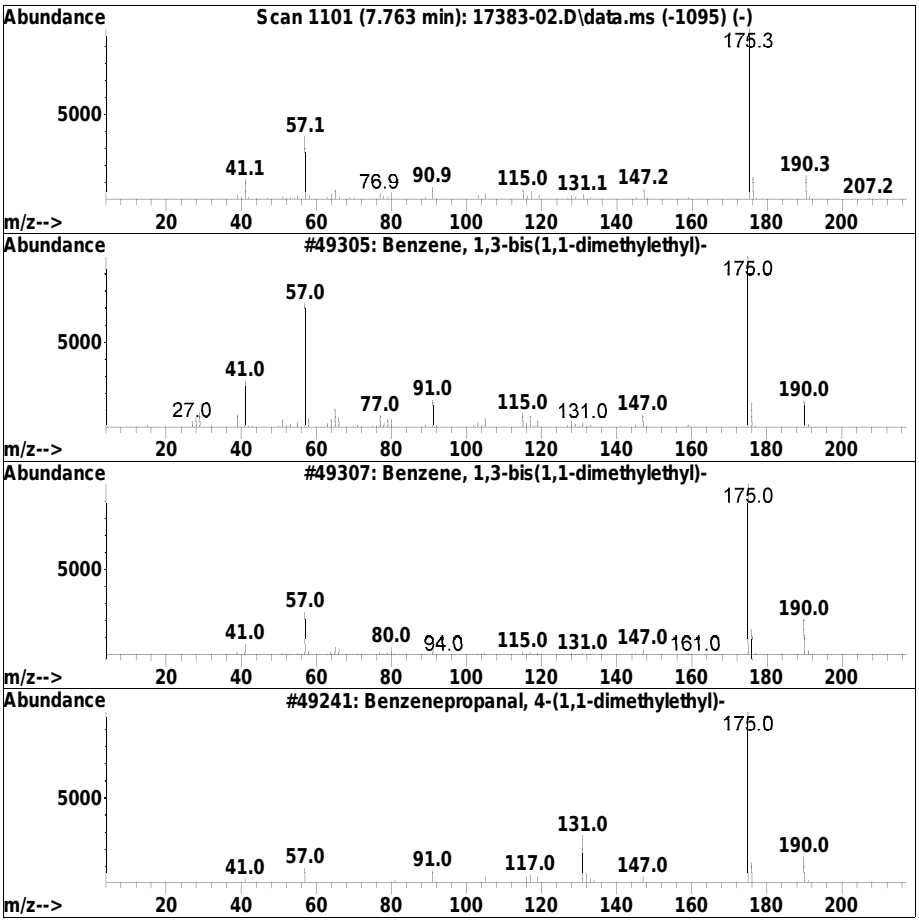
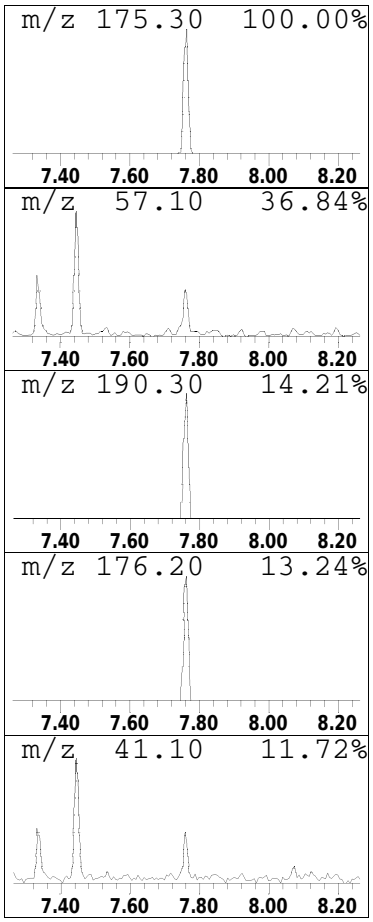
Peak Number 5 Unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.763	0.47 ug/ml	55156	IS2_Naphthalene-d8	7.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	94
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
3	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	86
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	83
5	2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	72





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

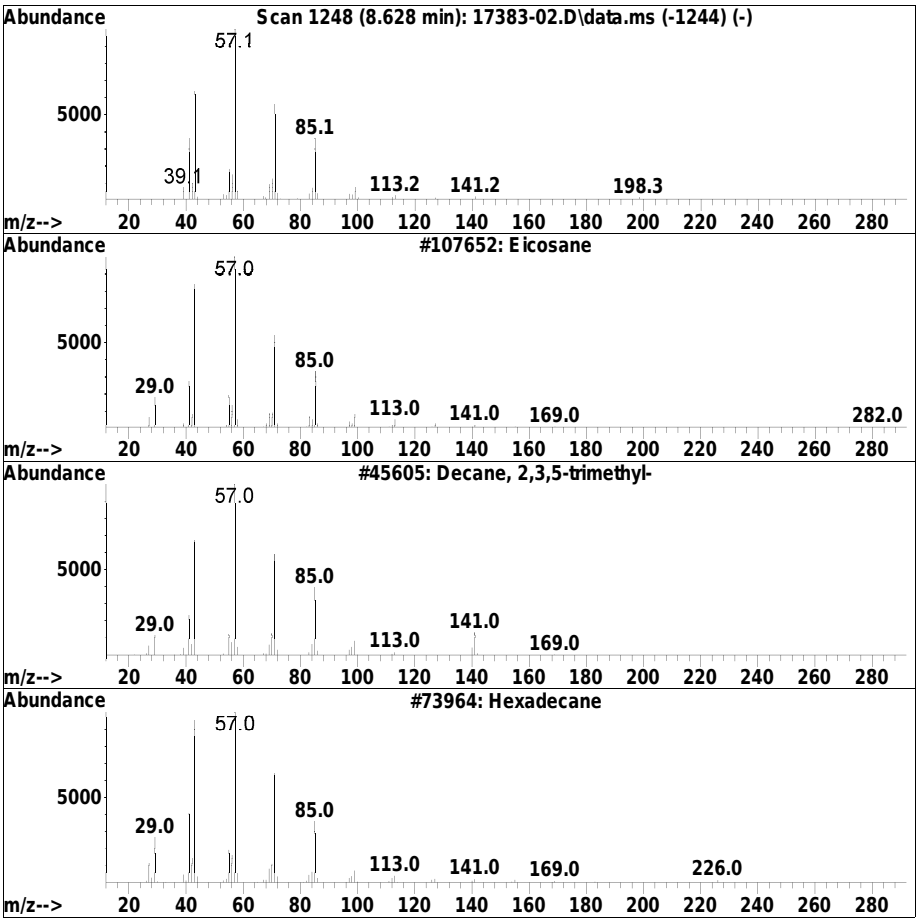
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

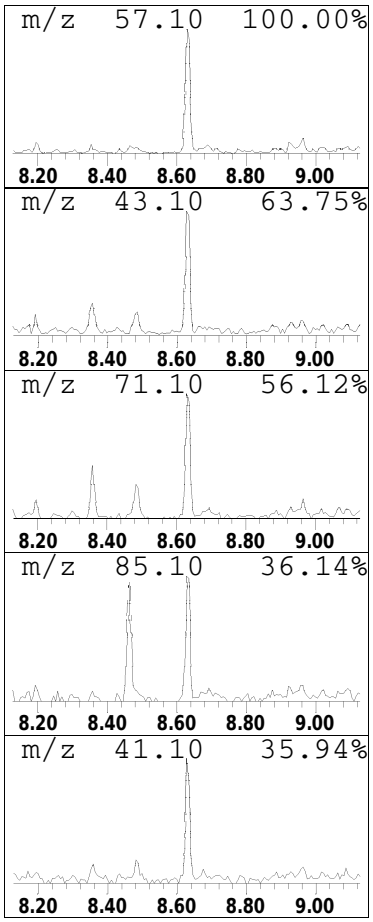
****

Peak Number 6 Unknown Alkane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.628	0.54 ug/ml	70462	IS1_Acenaphthene-d10	9.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Hexadecane	226	C16H34	000544-76-3	78
4	Tridecane	184	C13H28	000629-50-5	72
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

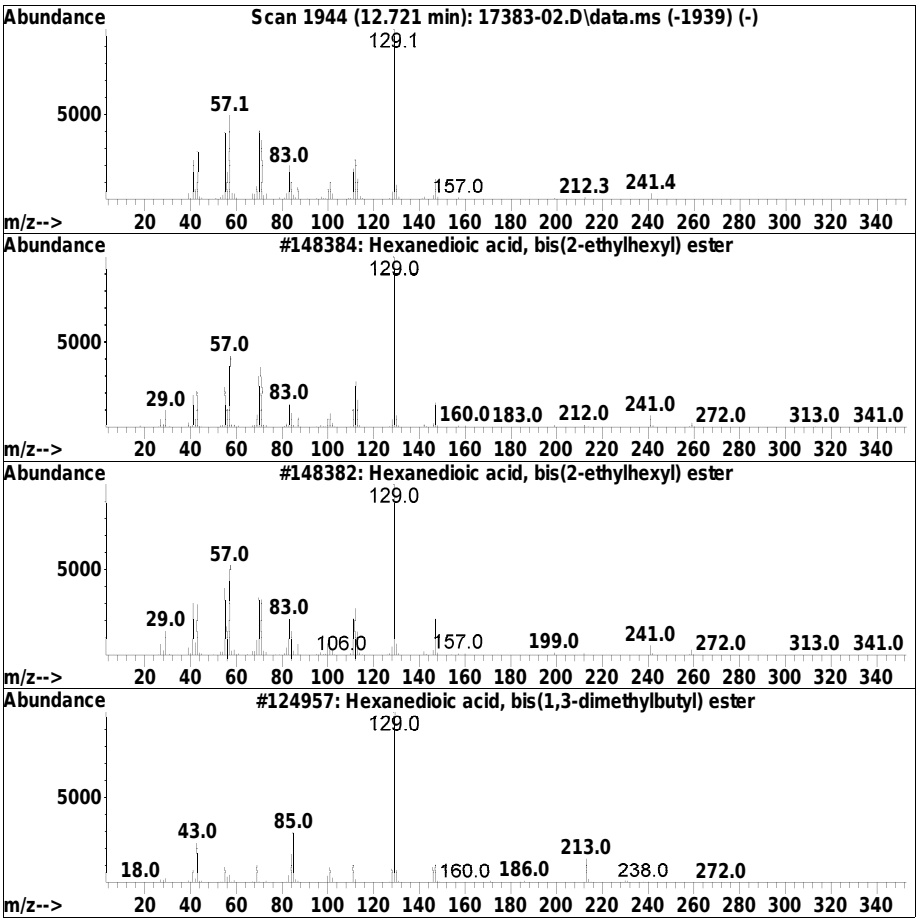
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

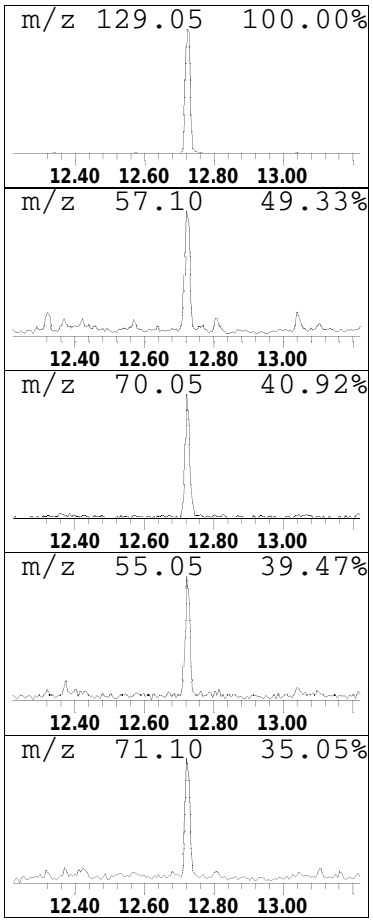
****

Peak Number 7 Unknown Organic Acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.721	0.92 ug/ml	131896	IS1_Chrysene-d12	13.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	43
3	Hexanedioic acid, bis(1,3-dimeth...	314	C18H34O4	055125-22-9	37
4	Hexanedioic acid, dicyclohexyl e...	310	C18H30O4	000849-99-0	32
5	Hexanedioic acid, dihexyl ester	314	C18H34O4	000110-33-8	32





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-02.D
Acq On : 30 Apr 2020 2:34 am
Operator : SV107:sz
Sample : L2017383-02,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 13 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	5.604	0.5	ug/ml	37784	1	5.822	319774	4.0
Unknown Alkane	5.734	0.4	ug/ml	32931	1	5.822	319774	4.0
Unknown Alkane	7.445	0.7	ug/ml	77964	5	7.322	472290	4.0
Unknown	7.763	0.5	ug/ml	55156	5	7.322	472290	4.0
Unknown Alkane	8.628	0.5	ug/ml	70462	6	9.086	517613	4.0
Unknown Organic...	12.721	0.9	ug/ml	131896	12	13.063	576477	4.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 01 10:28:49 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:19:36 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.822	150	82627	4.000	ug/ml		0.00
Standard Area 1 = 109810			Recovery = 75.25%				
27) IS2_1,4-Dichlorobenzen...	5.822	150	82627	4.000	ug/ml		0.00
Standard Area 3 = 101847			Recovery = 81.13%				
34) IS1_Naphthalene-d8	7.322	136	213581	4.000	ug/ml	#	0.00
Standard Area 1 = 286000			Recovery = 74.68%				
54) IS2_Naphthalene-d8	7.322	136	213581	4.000	ug/ml	#	0.00
Standard Area 3 = 268233			Recovery = 79.63%				
62) IS1_Acenaphthene-d10	9.081	164	114655M6	4.000	ug/ml		0.00
Standard Area 1 = 151476			Recovery = 75.69%				
85) IS3_Acenaphthene-d10	9.081	164	114655M6	4.000	ug/ml		0.00
Standard Area 2 = 152968			Recovery = 74.95%				
87) IS1_Phenanthrene-d10	10.498	188	214806	4.000	ug/ml	#	0.00
Standard Area 1 = 292447			Recovery = 73.45%				
103) IS1_Chrysene-d12	13.063	240	189112	4.000	ug/ml	#	0.00
Standard Area 1 = 254844			Recovery = 74.21%				
112) IS1_Perylene-d12	14.474	264	192779	4.000	ug/ml		0.00
Standard Area 1 = 271388			Recovery = 71.03%				
System Monitoring Compounds							
4) 2-Fluorophenol	3.328	112	30182	1.833	ug/ml		0.01
Spiked Amount 5.000	Range 15 - 110		Recovery = 36.66%				
7) Phenol-d6	5.463	99	42403	1.965	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 39.30%				
19) Nitrobenzene-d5	6.540	82	25925	0.895	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 35.80%				
45) 2-Fluorobiphenyl	8.463	172	54600	0.969	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 38.76%				
78) 2,4,6-Tribromophenol	9.845	330	3878	1.072	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 21.44%				
95) 4-Terphenyl-d14	12.074	244	59258	1.117	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 44.68%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 01 10:28:49 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:19:36 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		d
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		d
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.		
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.		d
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 01 10:28:49 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:19:36 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
106) Chrysene	0.000		0	N.D.		
107) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108) Di-n-octylphthalate	0.000		0	N.D.	d	
115) Benzo(ghi)perylene	0.000		0	N.D.		

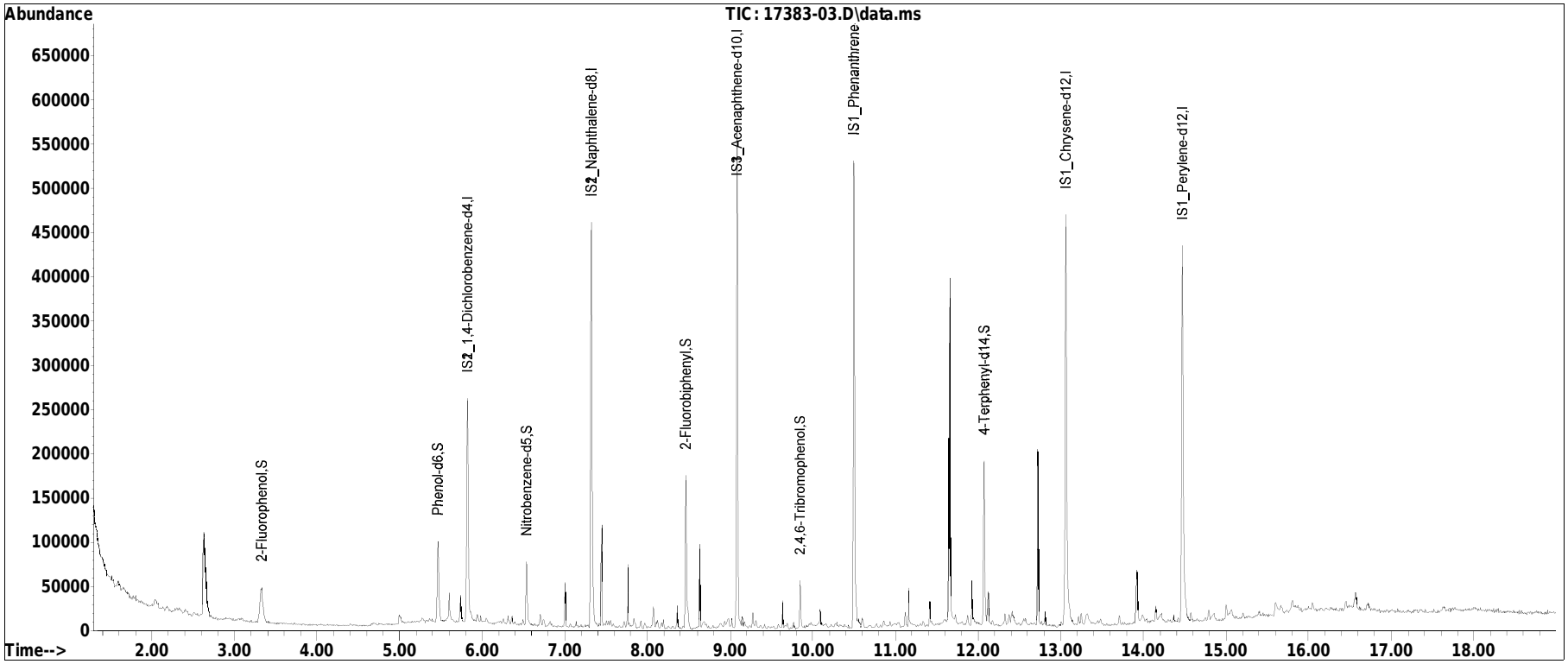
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 01 10:28:49 2020
Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:19:36 2020
Response via : Initial Calibration

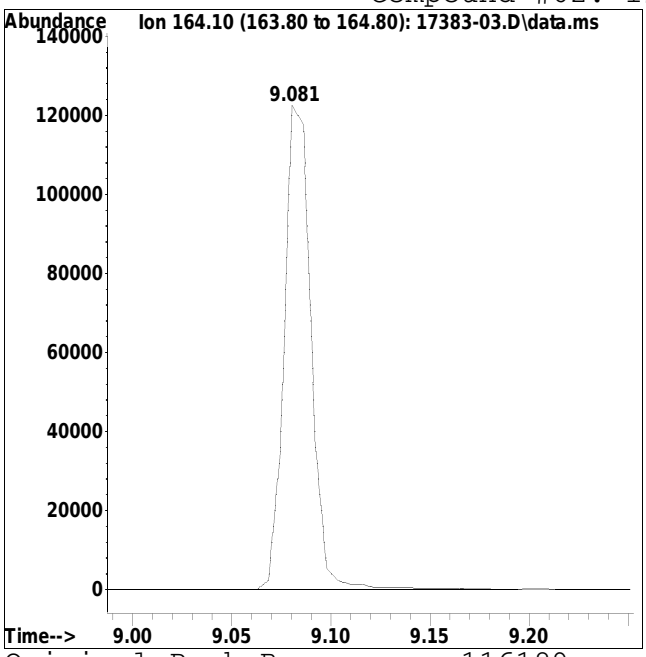
Sub List : NJLiq_combo - NJTCL+7 Additional0429n.D•



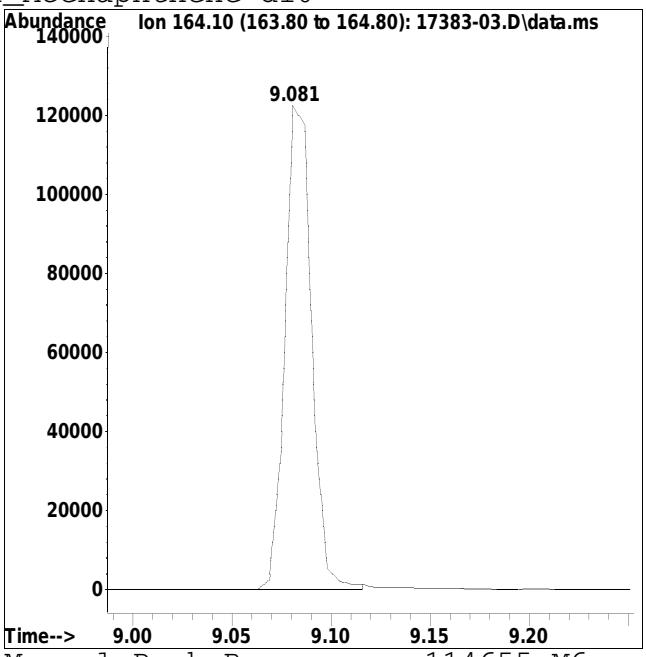
Manual Integration Report

Data Path : I:\8270\SV107\200429nlvi\ QMethod : FS190927SV107.m
Data File : 17383-03.D Operator : SV107:sz
Date Inj'd : 4/30/2020 3:01 am Instrument : SV 107
Sample : L2017383-03,32,,nj-bnext-1 Quant Date : 4/30/2020 3:19 am

Compound #62: IS1_Acenaphthene-d10



Original Peak Response = 116189



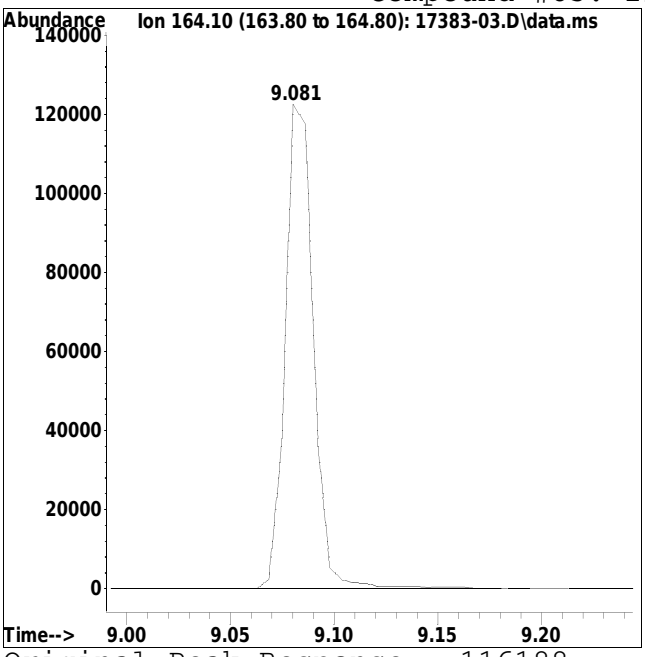
Manual Peak Response = 114655 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

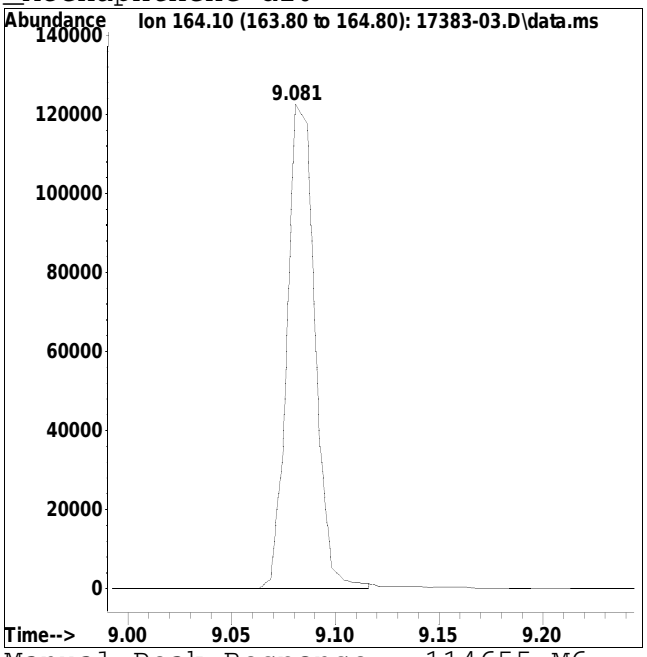
Manual Integration Report

Data Path : I:\8270\SV107\200429nlvi\ QMethod : FS190927SV107.m
Data File : 17383-03.D Operator : SV107:sz
Date Inj'd : 4/30/2020 3:01 am Instrument : SV 107
Sample : L2017383-03,32,,nj-bnext-l Quant Date : 4/30/2020 3:19 am

Compound #85: IS3_Acenaphthene-d10



Original Peak Response = 116188



Manual Peak Response = 114655 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 17383-03.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.628	224	228	251	rVB2	97698	222347	36.01%	3.488%
2	3.328	339	347	358	rVB2	39720	103997	16.84%	1.632%
3	4.687	572	578	587	rBV9	2606	7142	1.16%	0.112%
4	4.993	626	630	641	rBV3	10341	19466	3.15%	0.305%
5	5.269	675	677	684	rVB6	4556	8183	1.33%	0.128%
6	5.463	705	710	718	rBV	91396	114517	18.54%	1.797%
7	5.604	727	734	746	rVB	32721	54669	8.85%	0.858%
8	5.734	752	756	765	rBV	30214	39477	6.39%	0.619%
9	5.822	765	771	784	rBV	252978	343553	55.64%	5.390%
10	5.940	789	791	795	rVV4	8260	8214	1.33%	0.129%
11	6.045	807	809	815	rVB5	5700	6866	1.11%	0.108%
12	6.251	840	844	850	rVB3	5956	7551	1.22%	0.118%
13	6.310	850	854	859	rVV5	9766	14490	2.35%	0.227%
14	6.357	859	862	867	rVV6	9043	12058	1.95%	0.189%
15	6.498	882	886	889	rBV4	6481	6498	1.05%	0.102%
16	6.540	889	893	907	rVV	72193	83918	13.59%	1.317%
17	6.704	916	921	925	rBV3	13824	16651	2.70%	0.261%
18	6.745	925	928	934	rVV4	7545	11679	1.89%	0.183%
19	6.822	935	941	947	rVB7	6142	12429	2.01%	0.195%
20	7.004	967	972	980	rVV	50273	51158	8.28%	0.803%
21	7.128	989	993	1000	rVB8	6873	10636	1.72%	0.167%
22	7.322	1022	1026	1039	rVV	457870	493927	79.99%	7.749%
23	7.445	1039	1047	1051	rVV	115355	104640	16.95%	1.642%
24	7.504	1055	1057	1059	rVV3	7440	7062	1.14%	0.111%
25	7.528	1059	1061	1063	rVV3	7206	6684	1.08%	0.105%
26	7.551	1063	1065	1068	rVV2	7813	8586	1.39%	0.135%
27	7.710	1086	1092	1095	rVB5	6567	7451	1.21%	0.117%
28	7.757	1095	1100	1107	rBV	70542	74246	12.02%	1.165%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.839	1110	1114	1120	rVB6	11307	16174	2.62%	0.254%
30	7.922	1120	1128	1132	rVB5	9172	12968	2.10%	0.203%
31	7.975	1132	1137	1141	rBV6	6815	10366	1.68%	0.163%
32	8.075	1149	1154	1158	rBV3	23154	24602	3.98%	0.386%
33	8.122	1158	1162	1166	rVB5	9053	12661	2.05%	0.199%
34	8.175	1166	1171	1172	rBV3	6208	6413	1.04%	0.101%
35	8.192	1172	1174	1177	rVB	10732	7476	1.21%	0.117%
36	8.357	1196	1202	1208	rBV	25727	25195	4.08%	0.395%
37	8.463	1212	1220	1236	rBV	173430	180751	29.27%	2.836%
38	8.628	1238	1248	1253	rBV	95028	86159	13.95%	1.352%
39	8.686	1253	1258	1261	rBV5	6082	11548	1.87%	0.181%
40	8.881	1285	1291	1296	rBV7	4426	9426	1.53%	0.148%
41	8.928	1296	1299	1301	rVV2	6957	7274	1.18%	0.114%
42	8.975	1301	1307	1310	rVV4	9511	18073	2.93%	0.284%
43	9.022	1310	1315	1320	rVV4	11237	14530	2.35%	0.228%
44	9.081	1320	1325	1334	rVV	568119	553284	89.60%	8.681%
45	9.145	1334	1336	1339	rVV3	13157	12378	2.00%	0.194%
46	9.181	1339	1342	1348	rVB2	7584	10573	1.71%	0.166%
47	9.269	1354	1357	1362	rBV3	16877	21025	3.40%	0.330%
48	9.316	1362	1365	1371	rVB3	8445	10239	1.66%	0.161%
49	9.581	1404	1410	1415	rBV3	4991	7143	1.16%	0.112%
50	9.633	1415	1419	1422	rVB	30583	26055	4.22%	0.409%
51	9.692	1422	1429	1433	rVB5	6235	12064	1.95%	0.189%
52	9.763	1436	1441	1446	rVB4	7216	10637	1.72%	0.167%
53	9.845	1446	1455	1460	rBV	55160	54890	8.89%	0.861%
54	9.980	1476	1478	1487	rVV6	4431	7010	1.14%	0.110%
55	10.086	1489	1496	1503	rVV2	19085	23290	3.77%	0.365%
56	10.157	1503	1508	1513	rVB8	4574	8515	1.38%	0.134%
57	10.286	1523	1530	1535	rBV5	5100	9986	1.62%	0.157%
58	10.386	1543	1547	1553	rVB5	3819	6682	1.08%	0.105%
59	10.498	1562	1566	1579	rBV	527842	566730	91.78%	8.891%
60	10.598	1579	1583	1591	rVB3	10894	18887	3.06%	0.296%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	10.686	1594	1598	1604	rBV5	3042	6334	1.03%	0.099%
62	10.863	1623	1628	1634	rBV5	7311	12168	1.97%	0.191%
63	10.986	1643	1649	1653	rBV7	3389	7976	1.29%	0.125%
64	11.039	1653	1658	1662	rVB5	5631	11086	1.80%	0.174%
65	11.116	1667	1671	1675	rVB	16545	16528	2.68%	0.259%
66	11.157	1675	1678	1688	rBV	43286	51287	8.31%	0.805%
67	11.333	1706	1708	1712	rVB4	6263	7293	1.18%	0.114%
68	11.416	1719	1722	1732	rBV6	28485	32561	5.27%	0.511%
69	11.598	1744	1753	1756	rBV6	5299	12596	2.04%	0.198%
70	11.657	1757	1763	1773	rVV	390307	408867	66.21%	6.415%
71	11.727	1773	1775	1782	rVB4	10169	10302	1.67%	0.162%
72	11.869	1795	1799	1804	rVB3	11795	14296	2.32%	0.224%
73	11.922	1804	1808	1817	rBV2	50677	56907	9.22%	0.893%
74	12.074	1828	1834	1840	rBV	185560	190003	30.77%	2.981%
75	12.122	1840	1842	1848	rVV	37860	34368	5.57%	0.539%
76	12.174	1848	1851	1855	rVB6	5567	7258	1.18%	0.114%
77	12.322	1868	1876	1879	rBV	13608	17244	2.79%	0.271%
78	12.369	1880	1884	1887	rVV4	11458	13986	2.26%	0.219%
79	12.410	1887	1891	1902	rVB4	15403	36892	5.97%	0.579%
80	12.551	1910	1915	1917	rBV4	6627	10019	1.62%	0.157%
81	12.721	1939	1944	1950	rVV	198819	189353	30.66%	2.971%
82	12.810	1954	1959	1965	rVB2	16395	18849	3.05%	0.296%
83	13.010	1990	1993	1996	rVV4	5513	7436	1.20%	0.117%
84	13.063	1996	2002	2021	rVV	464863	617512	100.00%	9.688%
85	13.216	2025	2028	2032	rBV2	9659	10274	1.66%	0.161%
86	13.257	2032	2035	2040	rVB2	12396	14361	2.33%	0.225%
87	13.327	2040	2047	2057	rBV6	12143	34223	5.54%	0.537%
88	13.486	2072	2074	2081	rVB5	7553	11259	1.82%	0.177%
89	13.710	2107	2112	2117	rVV5	11015	13971	2.26%	0.219%
90	13.921	2144	2148	2155	rVV2	60265	77833	12.60%	1.221%
91	13.992	2156	2160	2165	rVB7	7399	13780	2.23%	0.216%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

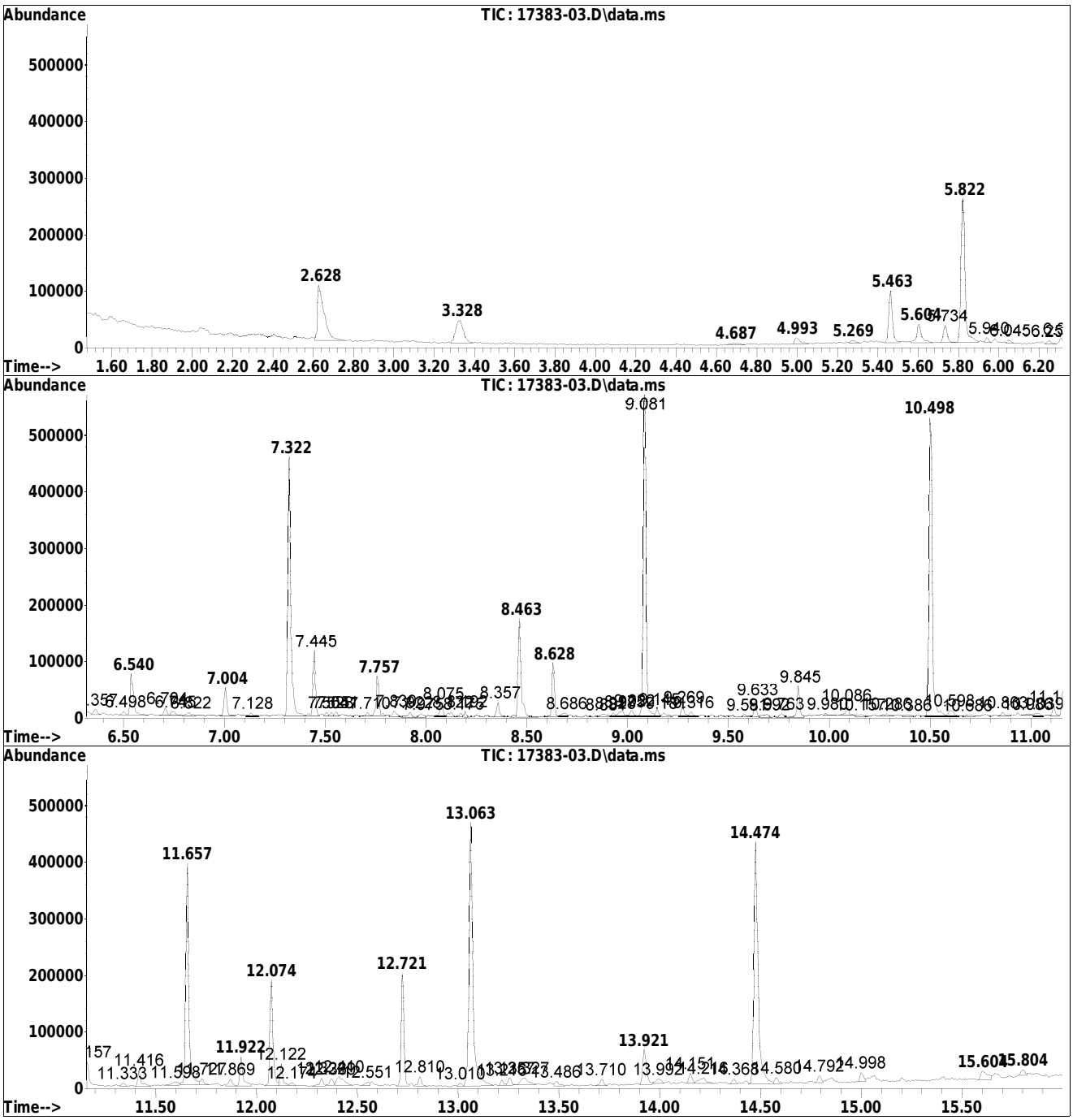
92	14.151	2184	2187	2191	rBV3	17265	19293	3.12%	0.303%
93	14.216	2191	2198	2207	rVB9	9254	23569	3.82%	0.370%
94	14.368	2220	2224	2227	rBV4	8948	9240	1.50%	0.145%
95	14.474	2236	2242	2257	rBV	425719	595190	96.39%	9.338%
96	14.580	2257	2260	2264	rVB4	10176	12797	2.07%	0.201%
97	14.792	2292	2296	2299	rBV5	11679	14442	2.34%	0.227%
98	14.998	2327	2331	2335	rBV5	15983	19871	3.22%	0.312%
99	15.604	2429	2434	2441	rBV9	14943	37456	6.07%	0.588%
100	15.804	2464	2468	2471	rBV6	9679	14087	2.28%	0.221%

Sum of corrected areas: 6373866

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

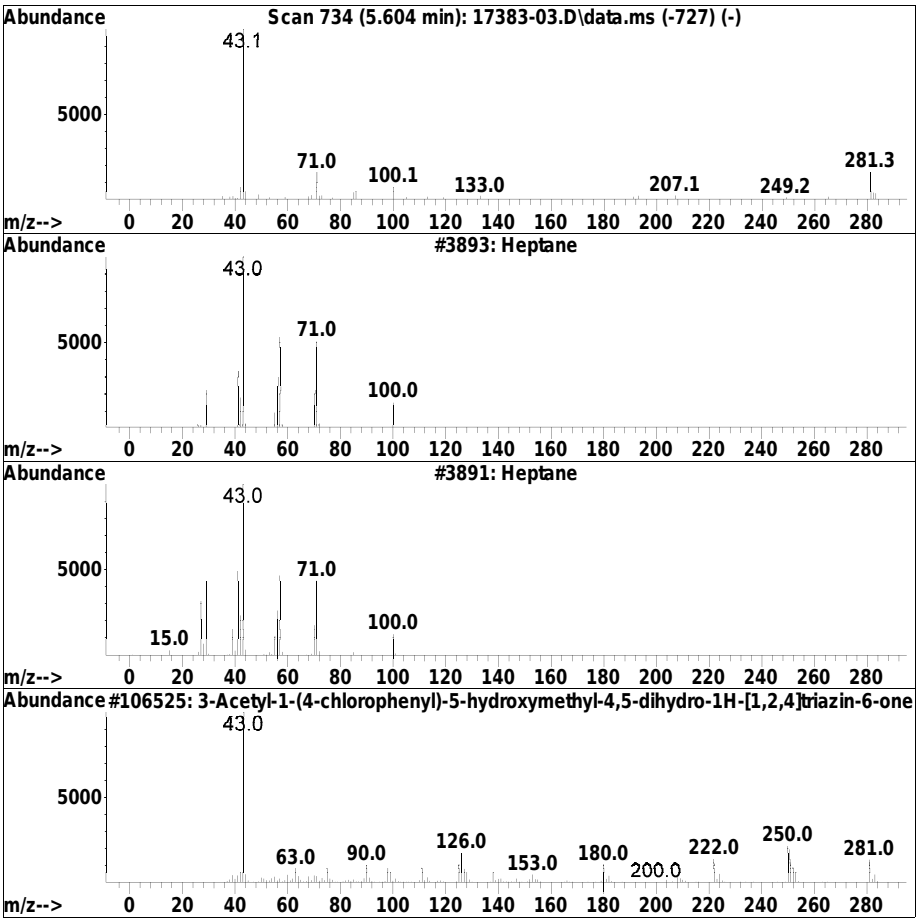
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

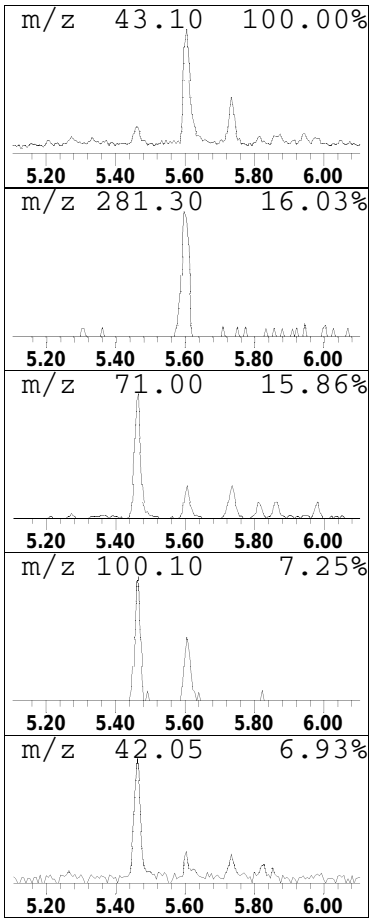
****

Peak Number 2 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.604	0.64 ug/ml	54669	IS2_1,4-Dichlorobenzene-d4	5.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	7
2	Heptane	100	C7H16	000142-82-5	7
3	3-Acetyl-1-(4-chlorophenyl)-5-hy...	281	C12H12ClN3O3	139455-88-2	5
4	Heptane	100	C7H16	000142-82-5	5
5	3-Hexanone	100	C6H12O	000589-38-8	5





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

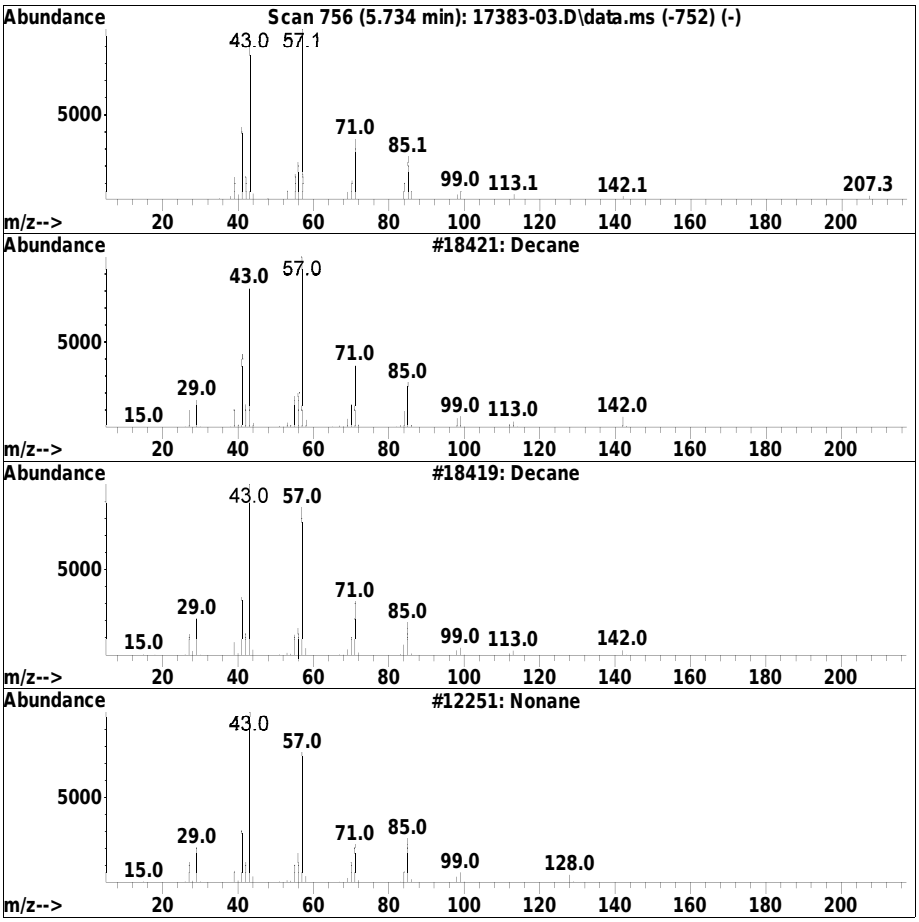
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

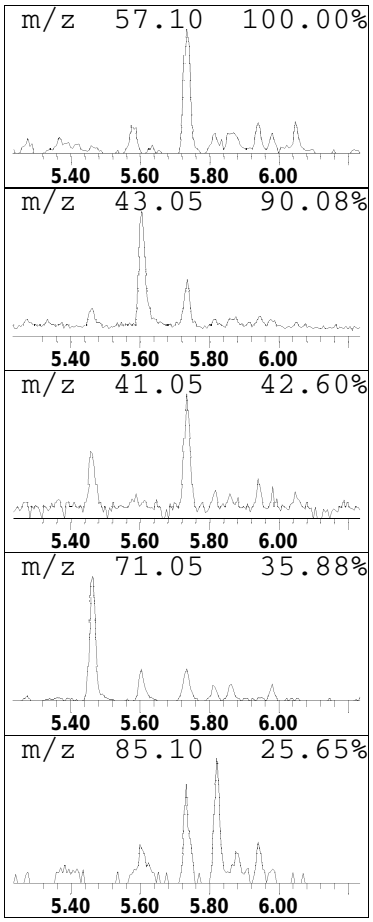
****

Peak Number 3 Unknown Alkane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.734	0.46 ug/ml	39477	IS2_1,4-Dichlorobenzene-d4	5.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Decane	142	C10H22	000124-18-5	83
3	Nonane	128	C9H20	000111-84-2	83
4	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	72
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

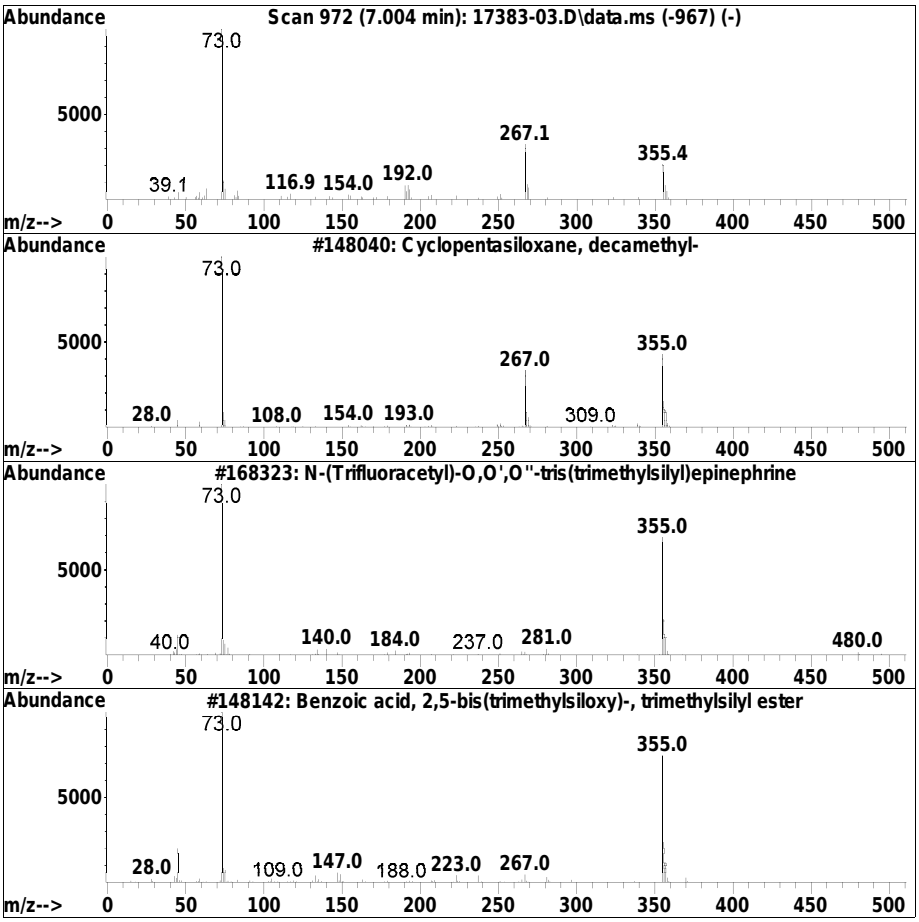
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

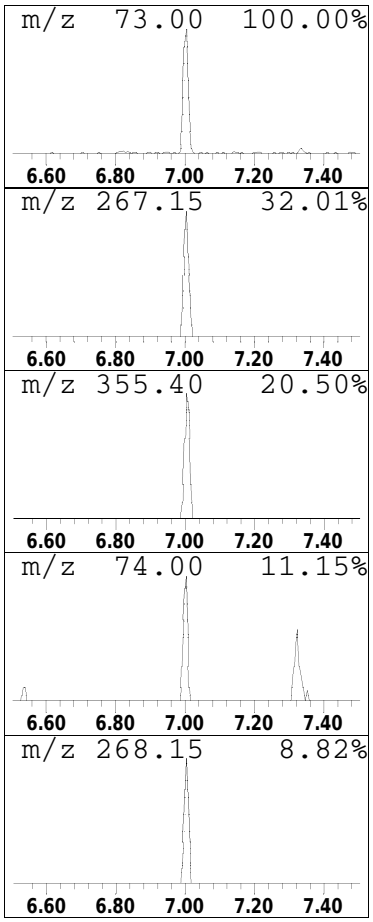
****

Peak Number 4 Unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.004	0.41 ug/ml	51158	IS1_Naphthalene-d8	7.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2	N-(Trifluoracetyl)-O,O',O''-tris...	495	C20H36F3NO4Si3	054135-51-2	38
3	Benzoic acid, 2,5-bis(trimethyls...	370	C16H30O4Si3	003618-20-0	37
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	32
5	Benzoic acid, 2,6-bis[(trimethyl...	370	C16H30O4Si3	003782-85-2	32





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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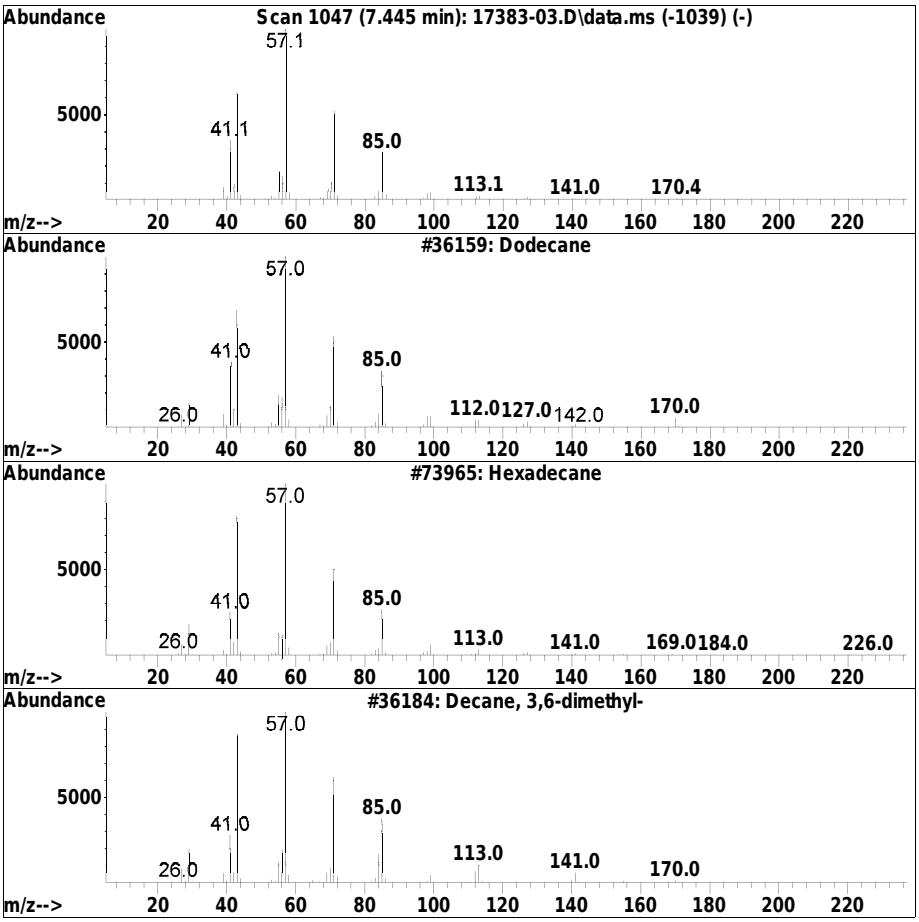
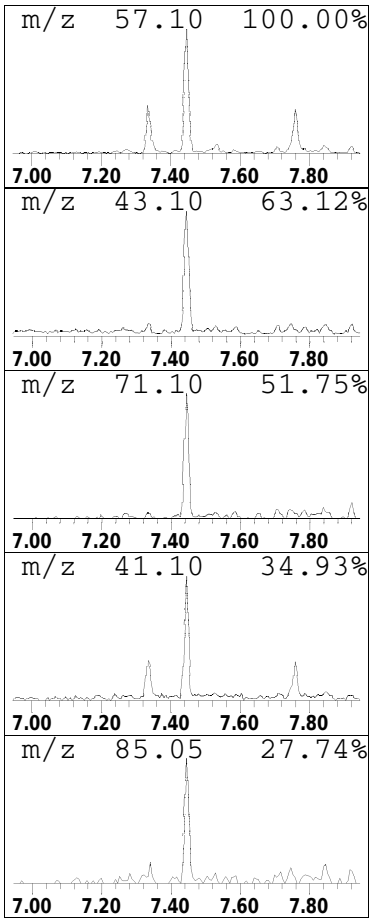
Peak Number 5 Unknown Alkane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.445	0.85 ug/ml	104640	IS2_Naphthalene-d8	7.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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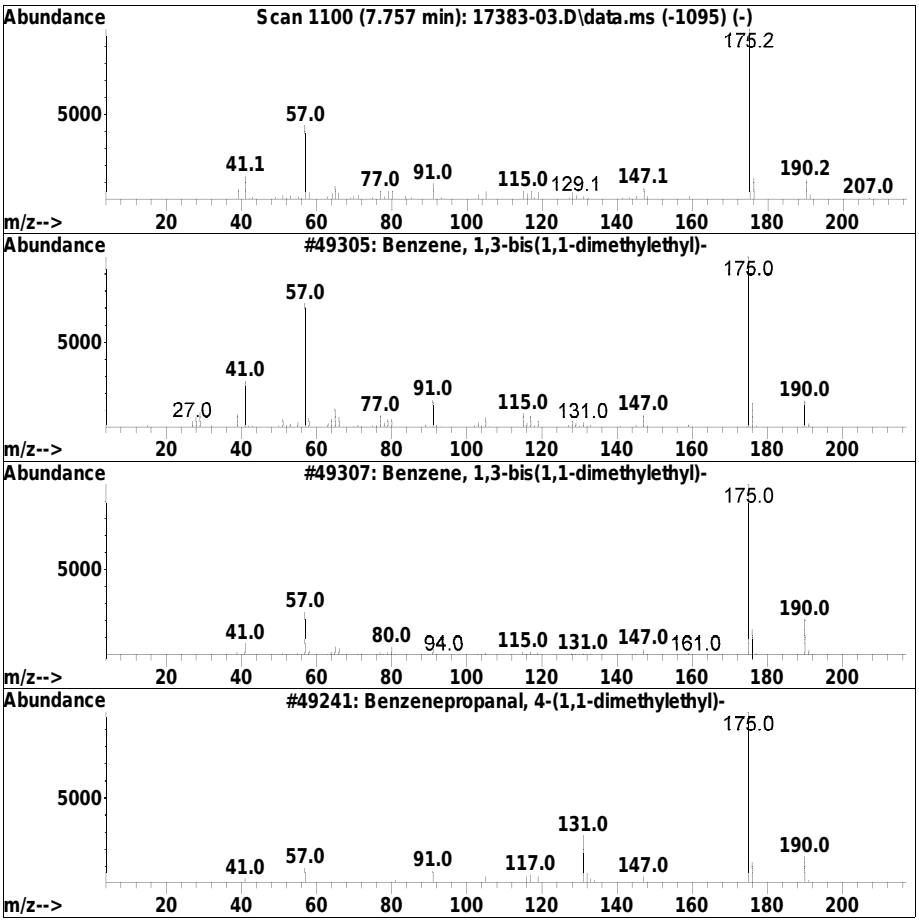
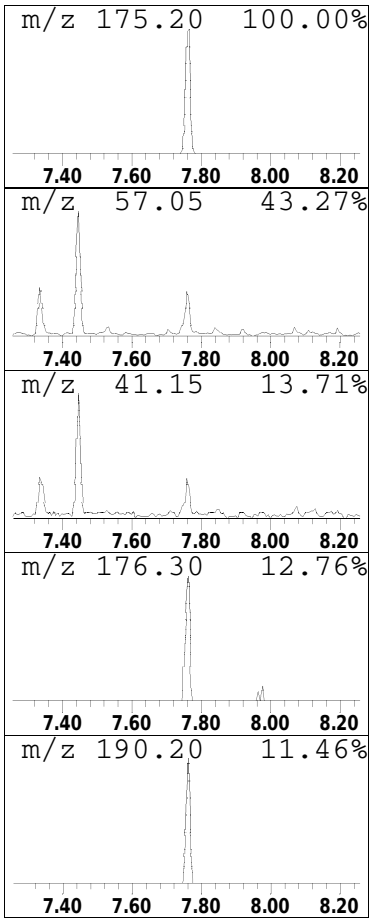
Peak Number 6 Unknown Benzene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.757	0.60 ug/ml	74246	IS2_Naphthalene-d8	7.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	95
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
3	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80
4	1H-Indole-2,3-dione, 1-methyl-, ...	175	C9H9N3O	003265-23-4	64
5	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	64





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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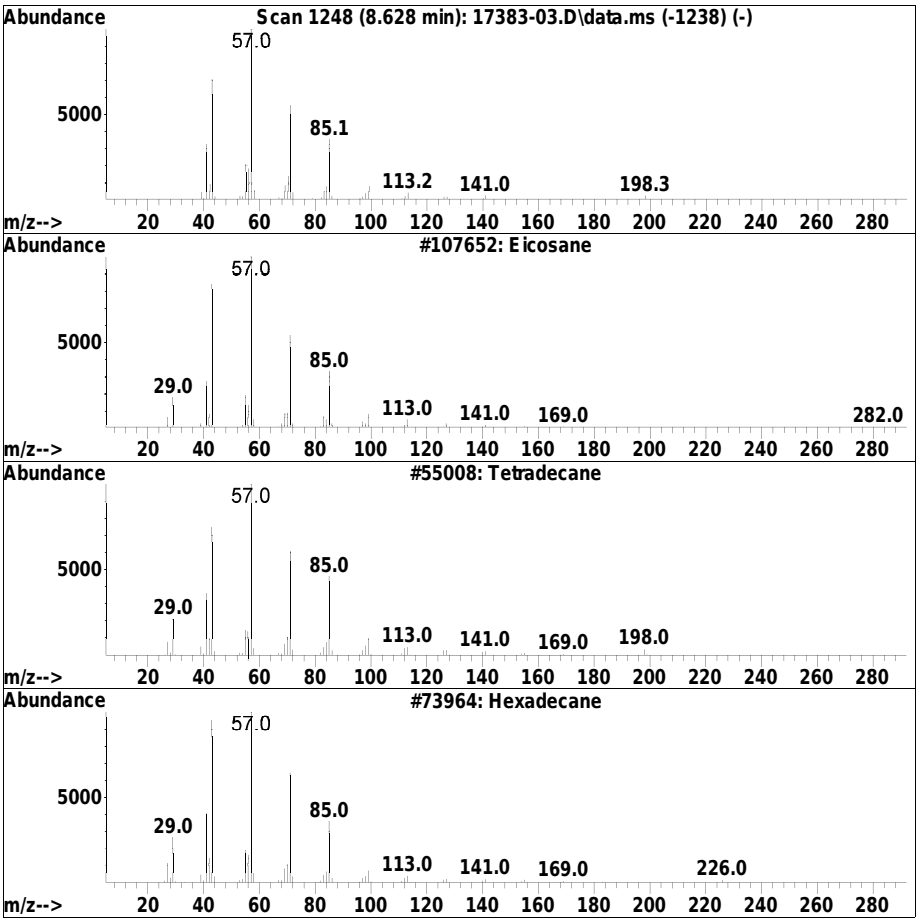
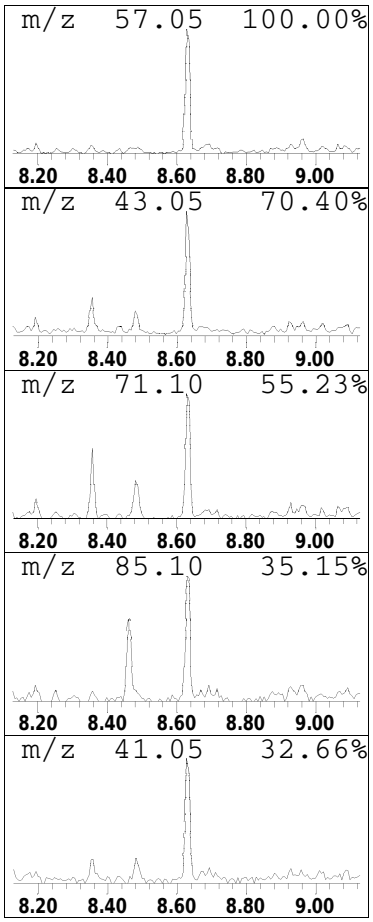
Peak Number 7 Unknown Alkane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.628	0.62 ug/ml	86159	IS1_Acenaphthene-d10	9.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tetradecane	198	C14H30	000629-59-4	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetratetracontane	619	C44H90	007098-22-8	83





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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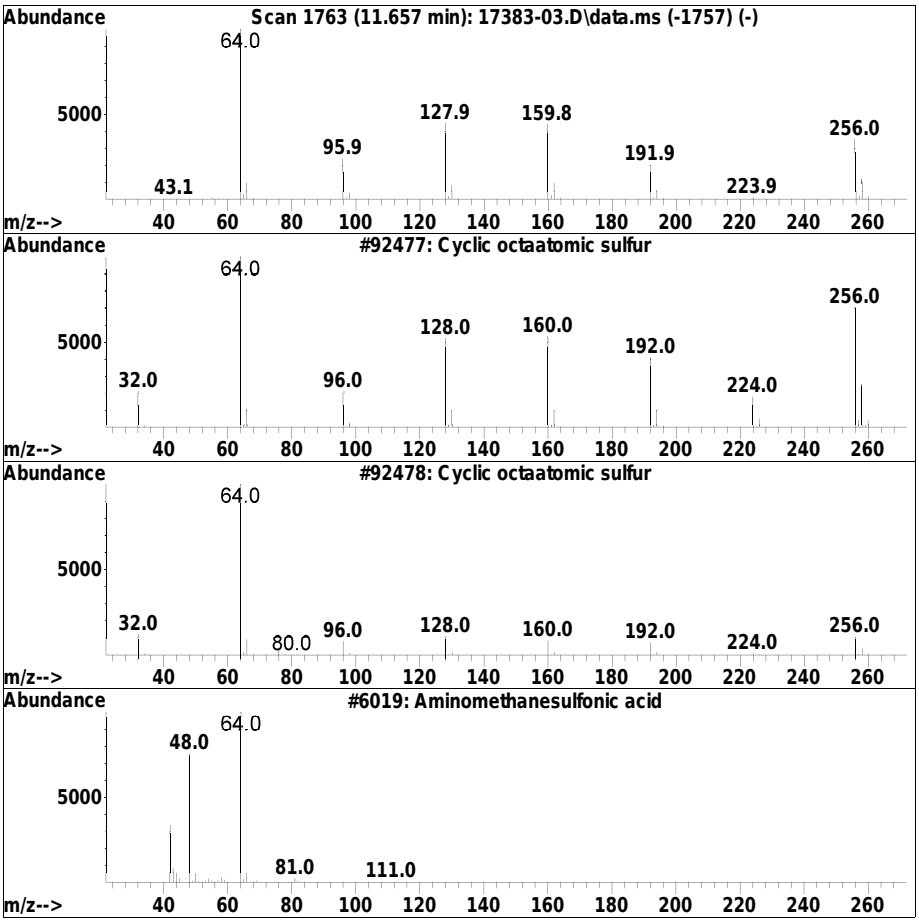
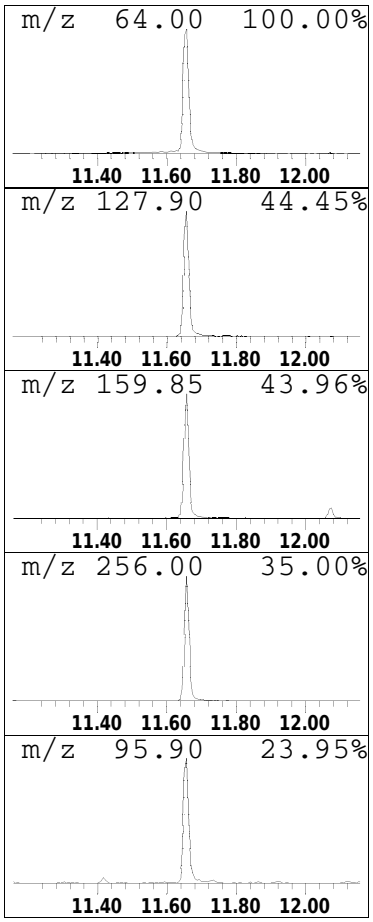
Peak Number 8 Cyclic octaatomic sulfur Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	2.89 ug/ml	408867	IS3_Phenanthrene-d10	10.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	94
2	Cyclic octaatomic sulfur	256	S8	010544-50-0	91
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	Dihydropyrimidine-2-methyl thios...	208	C5H8N2O3S2	1000256-28-8	9
5	7-Amino-7H-S-triazolo[5,1-c]-S-t...	156	C3H4N6S	013728-28-4	9





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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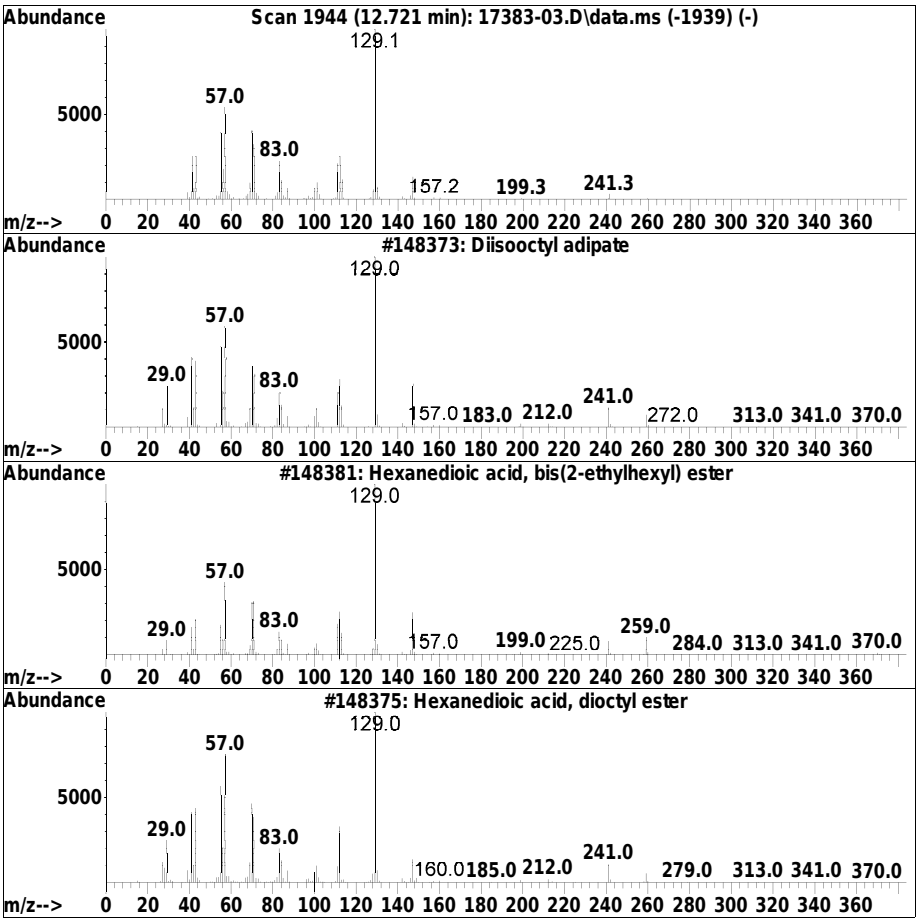
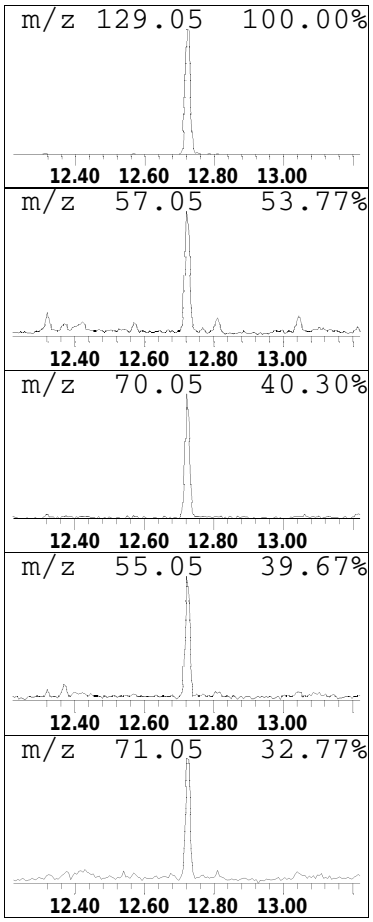
Peak Number 9 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	1.23 ug/ml	189353	IS1_Chrysene-d12	13.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	83
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	50





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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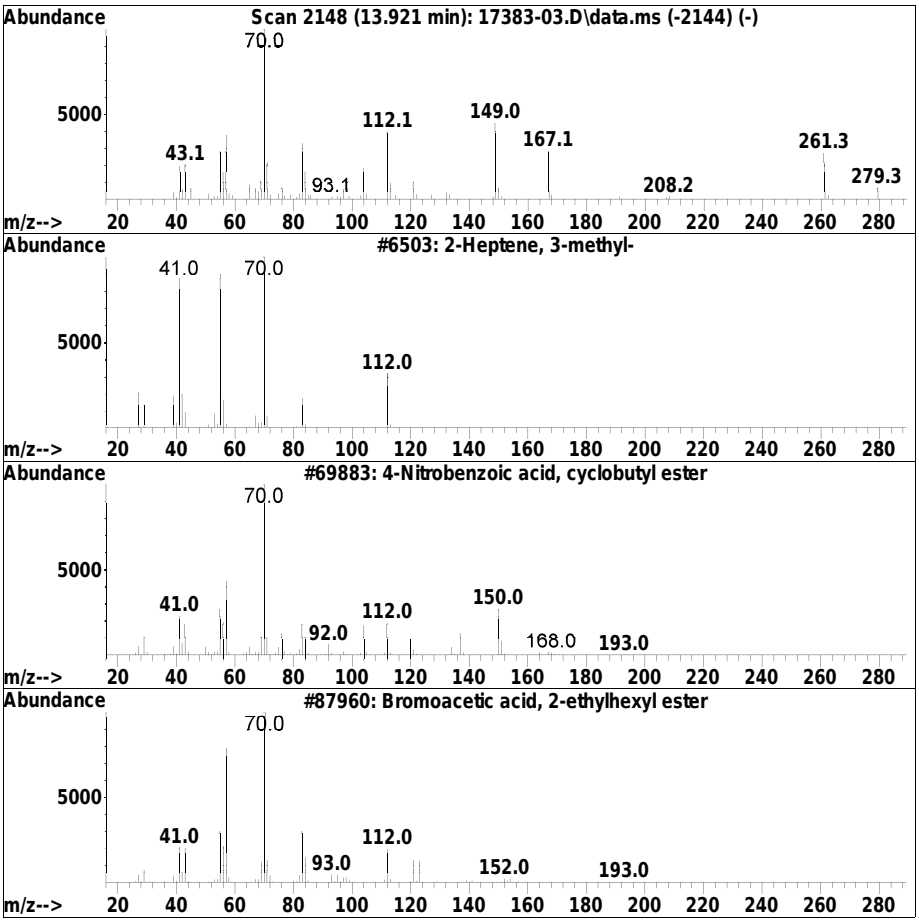
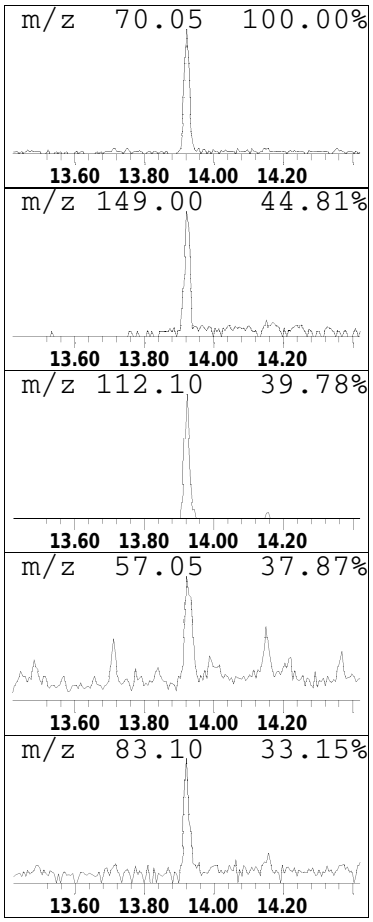
Peak Number 10 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.921	0.52 ug/ml	77833	IS1_Perylene-d12	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	38
2	4-Nitrobenzoic acid, cyclobutyl ...	221	C11H11NO4	070335-00-1	35
3	Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	35
4	1-(2-Hydroxymethylpyrrolidin-1-y...	143	C7H13NO2	1000192-83-2	32
5	6-Methyl-cyclohex-2-en-1-ol	112	C7H12O	1000144-17-3	25





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-03.D
Acq On : 30 Apr 2020 3:01 am
Operator : SV107:sz
Sample : L2017383-03,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 14 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	5.604	0.6	ug/ml	54669	1	5.822	343553	4.0
Unknown Alkane	5.734	0.5	ug/ml	39477	1	5.822	343553	4.0
Unknown	7.004	0.4	ug/ml	51158	4	7.322	493927	4.0
Unknown Alkane	7.445	0.8	ug/ml	104640	5	7.322	493927	4.0
Unknown Benzene	7.757	0.6	ug/ml	74246	5	7.322	493927	4.0
Unknown Alkane	8.628	0.6	ug/ml	86159	6	9.081	553284	4.0
Cyclic octaatom...	11.657	2.9	ug/ml	408867	11	10.498	566730	4.0
Unknown	12.722	1.2	ug/ml	189353	12	13.063	617512	4.0
Unknown	13.921	0.5	ug/ml	77833	13	14.474	595190	4.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 01 10:29:04 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:46:24 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	5.816	150	75521M6	4.000	ug/ml	0.00
Standard Area 1 = 109810			Recovery = 68.77%			
27) IS2_1,4-Dichlorobenzen...	5.816	150	75521M6	4.000	ug/ml	0.00
Standard Area 3 = 101847			Recovery = 74.15%			
34) IS1_Naphthalene-d8	7.322	136	195743	4.000	ug/ml	# 0.00
Standard Area 1 = 286000			Recovery = 68.44%			
54) IS2_Naphthalene-d8	7.322	136	195743	4.000	ug/ml	# 0.00
Standard Area 3 = 268233			Recovery = 72.97%			
62) IS1_Acenaphthene-d10	9.086	164	101815	4.000	ug/ml	0.00
Standard Area 1 = 151476			Recovery = 67.22%			
85) IS3_Acenaphthene-d10	9.086	164	101815	4.000	ug/ml	0.00
Standard Area 2 = 152968			Recovery = 66.56%			
87) IS1_Phenanthrene-d10	10.498	188	191858	4.000	ug/ml	# 0.00
Standard Area 1 = 292447			Recovery = 65.60%			
103) IS1_Chrysene-d12	13.063	240	157593	4.000	ug/ml	# 0.00
Standard Area 1 = 254844			Recovery = 61.84%			
112) IS1_Perylene-d12	14.474	264	161241	4.000	ug/ml	0.00
Standard Area 1 = 271388			Recovery = 59.41%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.304	112	38872	2.583	ug/ml	-0.01
Spiked Amount 5.000	Range 15 - 110		Recovery = 51.66%			
7) Phenol-d6	5.457	99	41625	2.111	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 42.22%			
19) Nitrobenzene-d5	6.539	82	28698	1.084	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 43.36%			
45) 2-Fluorobiphenyl	8.463	172	55453	1.073	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 42.92%			
78) 2,4,6-Tribromophenol	9.845	330	8323	2.591	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 51.82%			
95) 4-Terphenyl-d14	12.074	244	59619	1.259	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 50.36%			
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 01 10:29:04 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:46:24 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		d
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.		
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.		d
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 01 10:29:04 2020
Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:46:24 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\sv107\200429nlvi\ABN0429n.D
: 2 - i:\8270\sv107\200429nlvi\ADP0429n.D
: 3 - i:\8270\sv107\200429nlvi\AP90429n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
106)	Chrysene	0.000		0	N.D.		
107)	Bis(2-ethylhexyl)phtha...	0.000		0	N.D.		
108)	Di-n-octylphthalate	0.000		0	N.D.	d	
115)	Benzo(ghi)perylene	0.000		0	N.D.		

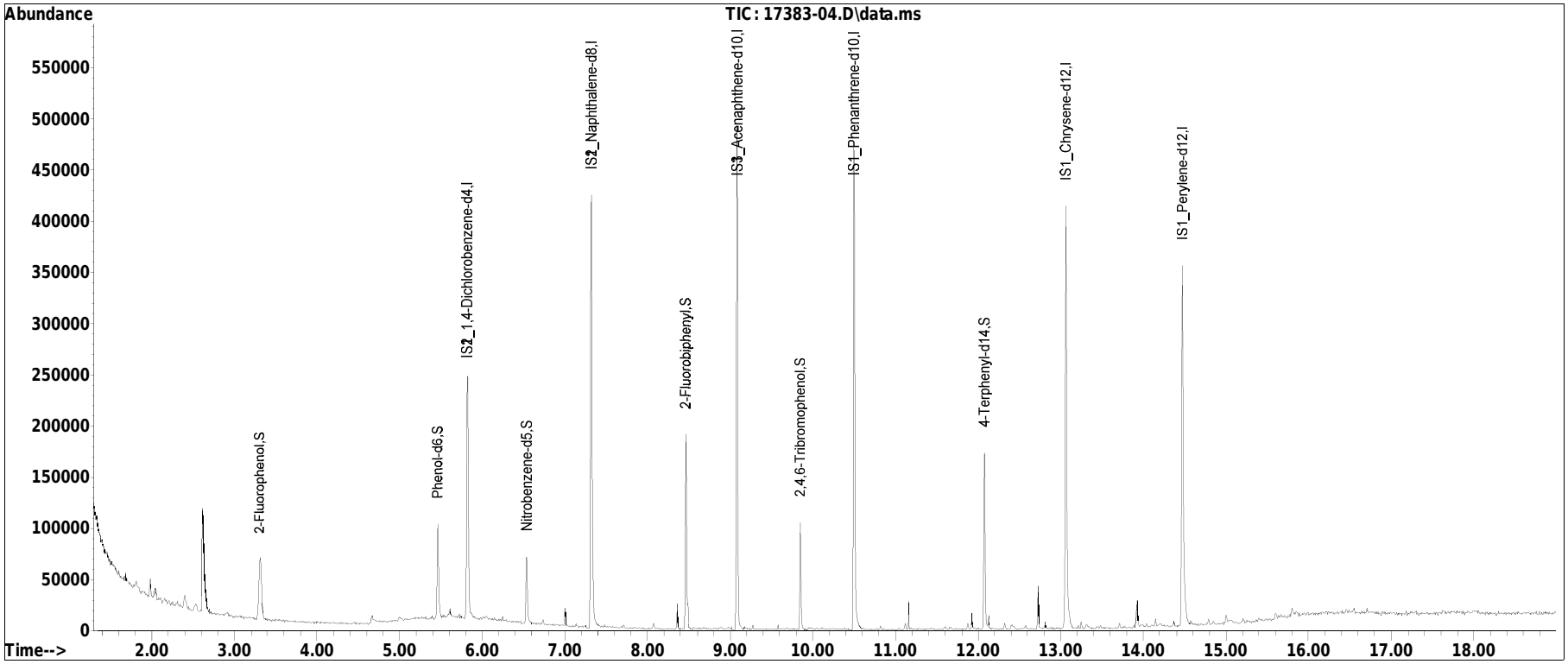
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 01 10:29:04 2020
Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Apr 30 03:46:24 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional0429n.D•



LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 17383-04.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.981	114	118	124	rVV3	17116	26092	5.28%	0.605%
2	2.034	125	127	133	rVB6	11083	16486	3.34%	0.382%
3	2.399	185	189	202	rVB6	15027	33966	6.88%	0.787%
4	2.610	222	225	241	rVB	102122	197351	39.95%	4.573%
5	3.310	336	344	353	rBV2	60588	135270	27.38%	3.134%
6	4.669	566	575	587	rBV5	9075	30449	6.16%	0.706%
7	4.998	628	631	639	rBV7	4026	10344	2.09%	0.240%
8	5.457	704	709	717	rBV	91400	109704	22.21%	2.542%
9	5.610	732	735	747	rVB2	7997	13885	2.81%	0.322%
10	5.822	765	771	782	rBV	237356	303645	61.46%	7.036%
11	6.245	841	843	847	rBV4	4594	5847	1.18%	0.135%
12	6.539	889	893	902	rVB	65677	80423	16.28%	1.864%
13	6.739	923	927	930	rVB5	4762	4891	0.99%	0.113%
14	7.004	969	972	976	rVB	16618	16252	3.29%	0.377%
15	7.134	992	994	1001	rVB4	3553	6350	1.29%	0.147%
16	7.181	1001	1002	1006	rBV2	1339	1784	0.36%	0.041%
17	7.234	1009	1011	1014	rVV2	1755	1919	0.39%	0.044%
18	7.257	1014	1015	1018	rVV2	2566	1664	0.34%	0.039%
19	7.322	1020	1026	1045	rVV	423210	471289	95.40%	10.921%
20	7.445	1046	1047	1051	rVV3	1712	1685	0.34%	0.039%
21	7.481	1051	1053	1058	rVV4	2832	2915	0.59%	0.068%
22	7.557	1061	1066	1069	rBV5	1156	1948	0.39%	0.045%
23	7.686	1085	1088	1090	rBV3	1940	1611	0.33%	0.037%
24	7.710	1090	1092	1098	rVB4	3322	3467	0.70%	0.080%
25	7.851	1112	1116	1121	rVV6	1147	2247	0.45%	0.052%
26	7.904	1121	1125	1128	rVB4	1582	2394	0.48%	0.055%
27	8.075	1148	1154	1159	rBV2	5677	8159	1.65%	0.189%
28	8.186	1170	1173	1177	rBV3	802	1595	0.32%	0.037%

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	8.357	1197	1202	1206	rBV	24860	23204	4.70%	0.538%
30	8.463	1216	1220	1233	rBV	189765	178997	36.23%	4.148%
31	8.680	1254	1257	1262	rVB2	1883	2302	0.47%	0.053%
32	8.892	1286	1293	1297	rBV5	1917	4285	0.87%	0.099%
33	8.975	1304	1307	1310	rVB2	1650	1464	0.30%	0.034%
34	9.022	1310	1315	1318	rVB5	1997	2424	0.49%	0.056%
35	9.086	1321	1326	1337	rBV	492725	470206	95.18%	10.896%
36	9.169	1337	1340	1347	rVB4	2987	4414	0.89%	0.102%
37	9.269	1353	1357	1362	rBV2	4147	4452	0.90%	0.103%
38	9.580	1407	1410	1414	rBV2	4695	4769	0.97%	0.111%
39	9.698	1425	1430	1433	rVB3	1378	2383	0.48%	0.055%
40	9.763	1439	1441	1447	rVV2	1117	1948	0.39%	0.045%
41	9.845	1451	1455	1463	rBV	105007	95160	19.26%	2.205%
42	9.957	1469	1474	1477	rBV3	1611	2463	0.50%	0.057%
43	9.992	1477	1480	1483	rVV3	1547	1788	0.36%	0.041%
44	10.051	1483	1490	1493	rVB3	1240	1621	0.33%	0.038%
45	10.245	1519	1523	1528	rVB4	872	1421	0.29%	0.033%
46	10.380	1543	1546	1551	rVB3	1603	2254	0.46%	0.052%
47	10.439	1551	1556	1558	rBV2	1154	1574	0.32%	0.036%
48	10.498	1562	1566	1585	rBV	472076	494033	100.00%	11.448%
49	10.774	1610	1613	1615	rBV	1518	1438	0.29%	0.033%
50	10.822	1617	1621	1625	rVB4	4171	4515	0.91%	0.105%
51	10.857	1625	1627	1634	rBV4	1654	2764	0.56%	0.064%
52	11.039	1652	1658	1663	rBV4	2276	3781	0.77%	0.088%
53	11.116	1663	1671	1674	rBV3	6485	7967	1.61%	0.185%
54	11.157	1674	1678	1682	rVB	27652	23636	4.78%	0.548%
55	11.227	1687	1690	1694	rVV3	929	1615	0.33%	0.037%
56	11.286	1697	1700	1705	rVB4	1137	1760	0.36%	0.041%
57	11.604	1747	1754	1760	rBV5	2659	5050	1.02%	0.117%
58	11.651	1760	1762	1772	rVB6	2398	4095	0.83%	0.095%
59	11.869	1795	1799	1803	rVB2	5886	6161	1.25%	0.143%
60	11.921	1803	1808	1817	rVB5	15895	17446	3.53%	0.404%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	12.010	1817	1823	1826	rBV2	1546	2478	0.50%	0.057%
62	12.074	1826	1834	1840	rVV	172842	172441	34.90%	3.996%
63	12.121	1840	1842	1848	rVV2	13977	13393	2.71%	0.310%
64	12.174	1849	1851	1858	rVB4	1336	2355	0.48%	0.055%
65	12.321	1873	1876	1880	rVB4	6131	6205	1.26%	0.144%
66	12.410	1885	1891	1898	rVV6	4261	9682	1.96%	0.224%
67	12.574	1914	1919	1926	rVB6	3750	5651	1.14%	0.131%
68	12.721	1939	1944	1954	rVB	42000	46073	9.33%	1.068%
69	12.810	1954	1959	1968	rVV4	6817	8275	1.67%	0.192%
70	12.898	1968	1974	1975	rVB4	1554	2393	0.48%	0.055%
71	12.915	1975	1977	1980	rBV2	1374	1439	0.29%	0.033%
72	13.063	1995	2002	2019	rVV	413418	492180	99.62%	11.405%
73	13.180	2019	2022	2024	rVV3	1660	2192	0.44%	0.051%
74	13.215	2024	2028	2031	rVV2	3730	4131	0.84%	0.096%
75	13.257	2031	2035	2041	rVV3	7164	9067	1.84%	0.210%
76	13.321	2041	2046	2056	rVB6	4880	11979	2.42%	0.278%
77	13.457	2064	2069	2071	rBV5	2322	4129	0.84%	0.096%
78	13.486	2071	2074	2080	rVB5	2851	3617	0.73%	0.084%
79	13.563	2085	2087	2091	rVB5	1393	1851	0.37%	0.043%
80	13.715	2107	2113	2116	rBV4	5593	7033	1.42%	0.163%
81	13.886	2138	2142	2144	rBV2	3084	2792	0.57%	0.065%
82	13.921	2144	2148	2154	rVV2	27159	35218	7.13%	0.816%
83	13.992	2155	2160	2165	rVV5	2718	5819	1.18%	0.135%
84	14.039	2165	2168	2171	rVB4	3178	2840	0.57%	0.066%
85	14.104	2176	2179	2183	rBV4	2059	3418	0.69%	0.079%
86	14.151	2184	2187	2191	rVV5	7230	9767	1.98%	0.226%
87	14.210	2192	2197	2207	rVB8	2653	7542	1.53%	0.175%
88	14.368	2219	2224	2229	rVV8	5730	6862	1.39%	0.159%
89	14.433	2233	2235	2236	rBV	1920	1479	0.30%	0.034%
90	14.474	2236	2242	2257	rVV	351675	491082	99.40%	11.379%
91	14.574	2257	2259	2264	rVB5	3557	3944	0.80%	0.091%

LSC Area Percent Report

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200429nlvi\FS190927SV107.m
Title : Semivolatiles by GC/MS by modified 8270

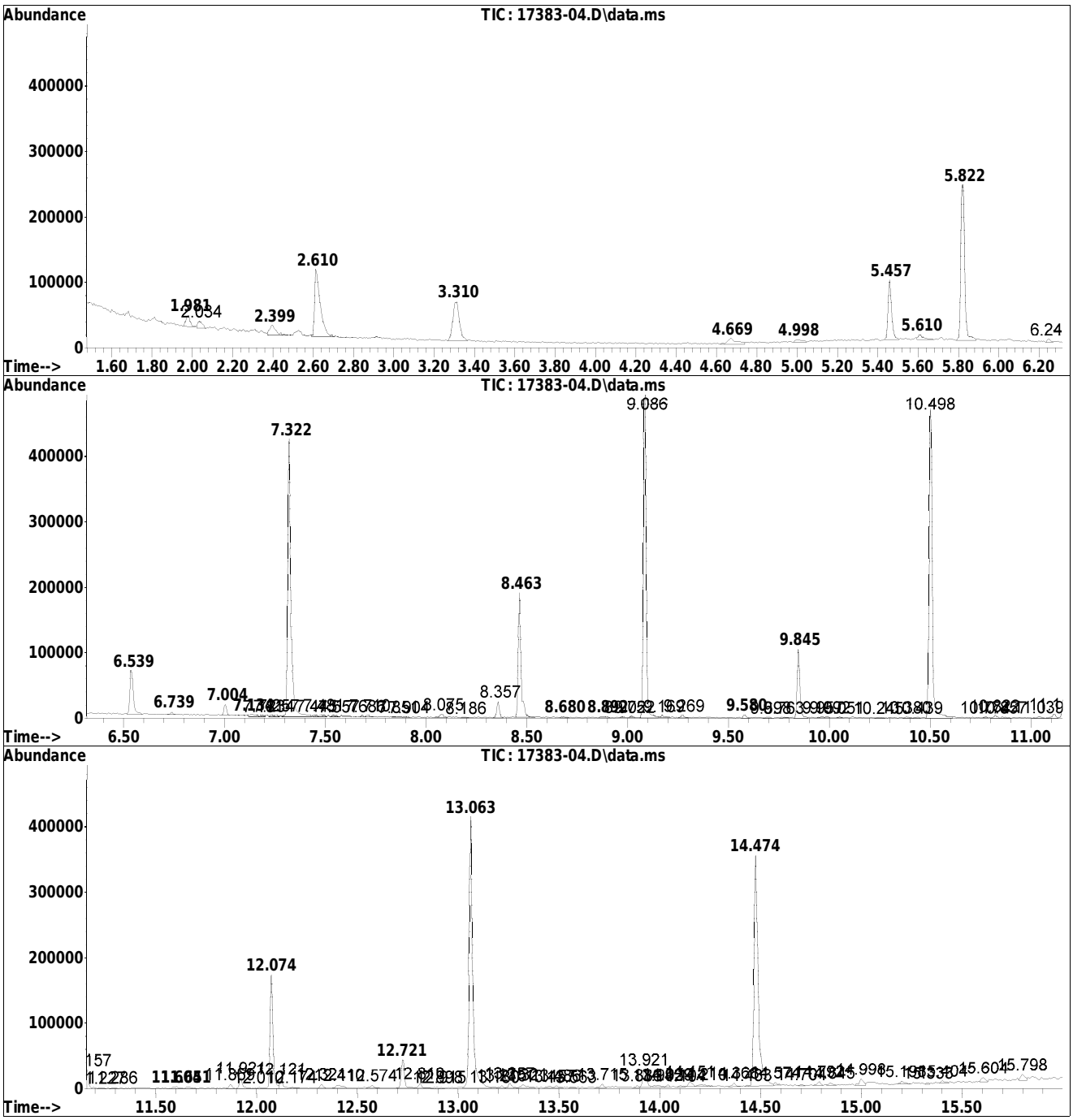
92	14.704	2278	2281	2284	rVB3	1830	2151	0.44%	0.050%
93	14.792	2291	2296	2299	rVB5	5586	6543	1.32%	0.152%
94	14.845	2302	2305	2310	rVB6	3363	4115	0.83%	0.095%
95	14.998	2326	2331	2335	rBV5	9414	14470	2.93%	0.335%
96	15.198	2362	2365	2373	rVB5	4186	6307	1.28%	0.146%
97	15.333	2385	2388	2389	rBV3	2055	2238	0.45%	0.052%
98	15.404	2397	2400	2405	rBV7	3469	5767	1.17%	0.134%
99	15.604	2431	2434	2438	rBV5	5916	8776	1.78%	0.203%
100	15.798	2464	2467	2471	rBV5	8672	12880	2.61%	0.298%

Sum of corrected areas: 4315596

Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

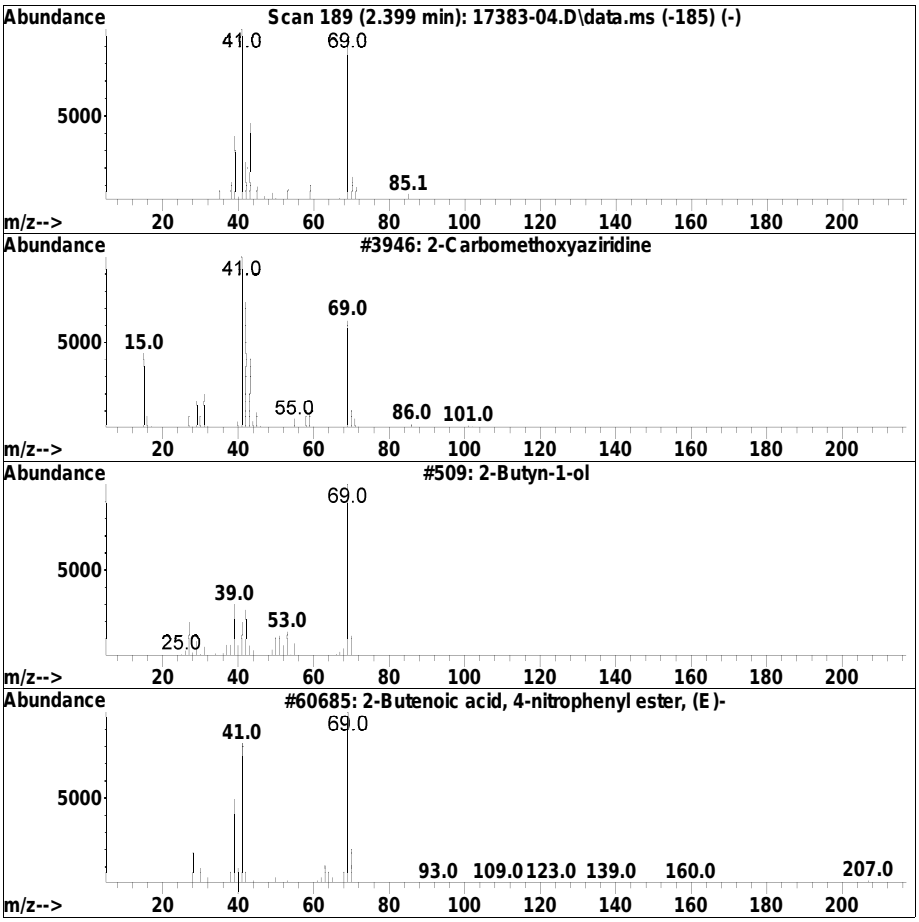
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

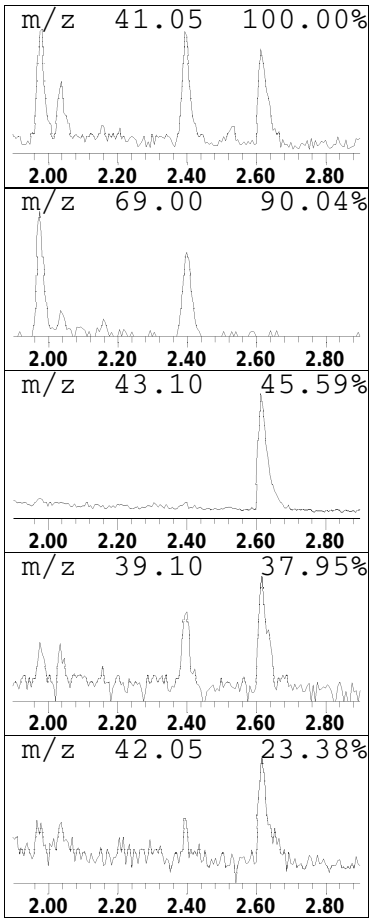
****

Peak Number 1 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.399	0.45 ug/ml	33966	IS2_1,4-Dichlorobenzene-d4	5.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Carbomethoxyaziridine	101	C4H7NO2	005950-34-5	38
2	2-Butyn-1-ol	70	C4H6O	000764-01-2	33
3	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	9
4	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	9
5	Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	9





Data Path : I:\8270\SV107\200429n1vi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-1vi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429n1vi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

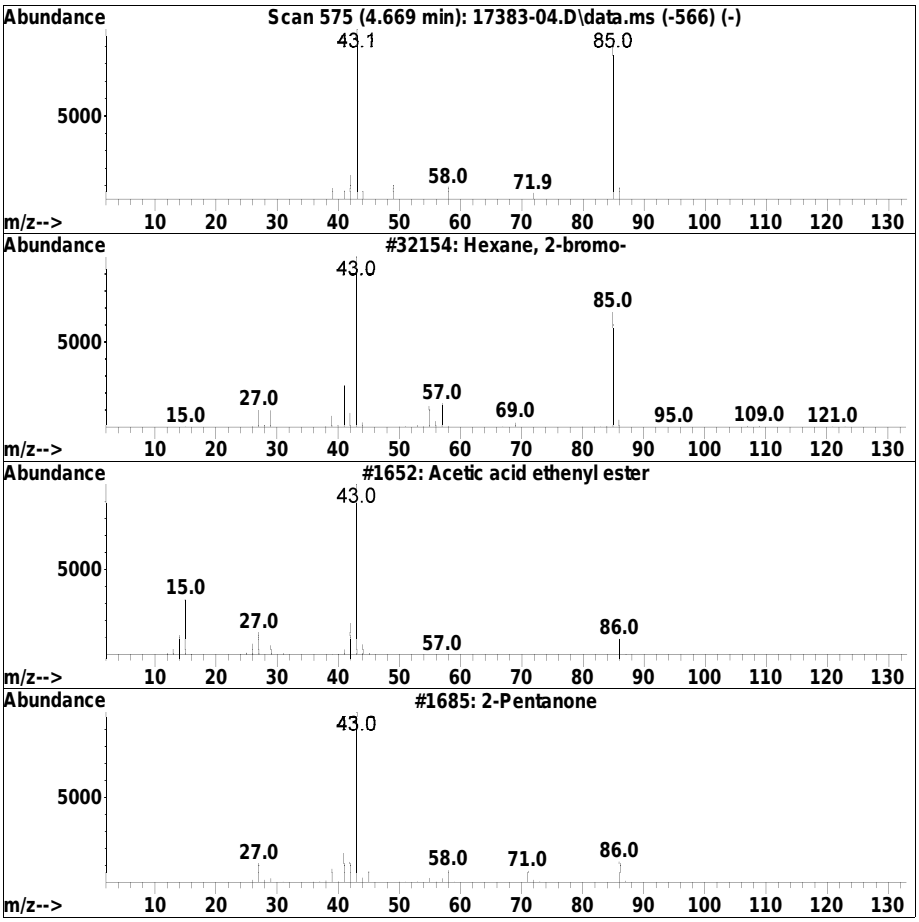
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

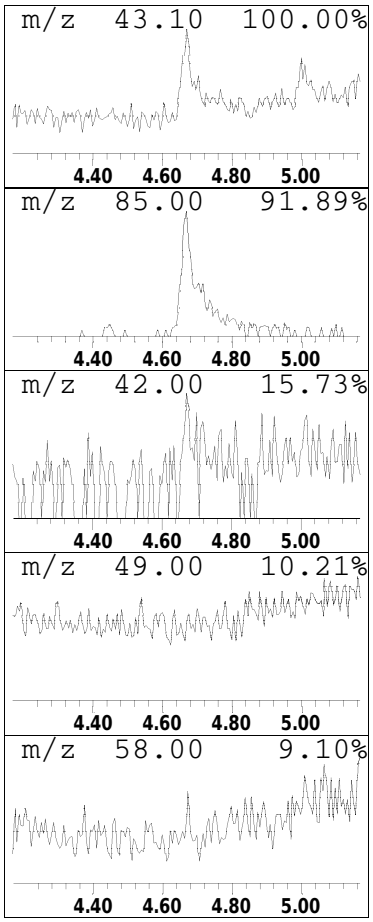
****

Peak Number 3 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.669	0.40 ug/ml	30449	IS2_1,4-Dichlorobenzene-d4	5.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-bromo-	164	C6H13Br	003377-86-4	39
2	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	9
3	2-Pentanone	86	C5H10O	000107-87-9	9
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	9
5	Hexane, 2-bromo-	164	C6H13Br	003377-86-4	9





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\200429nlvi\
Data File : 17383-04.D
Acq On : 30 Apr 2020 3:27 am
Operator : SV107:sz
Sample : L2017383-04,32,,nj-bnext-lvi,ask
Misc : WG1365800,WG1364962,ICAL16200
ALS Vial : 15 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200429nlvi\FS190927SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	2.399	0.4	ug/ml	33966	1	5.816	303645	4.0
Unknown	4.669	0.4	ug/ml	30449	1	5.816	303645	4.0

Method Blank
Raw Data

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-lvi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 28 14:26:18 2020
Quant Method : i:\8270\sv124\200428avi\FS200405SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 14:01:20 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV124\200428avi\ABN0428.d
: 2 - I:\8270\SV124\200428avi\ADP0428.d
: 3 - I:\8270\SV124\200428avi\AP90428.d
Sub List : 8270TCL_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.251	150	20746	4.000	ug/ml		0.00
Standard Area 1 = 24103			Recovery = 86.07%				
27) IS2_1,4-Dichlorobenzen...	4.251	150	20746	4.000	ug/ml		0.00
Standard Area 3 = 20621			Recovery = 100.61%				
34) IS1_Naphthalene-d8	5.492	136	54749	4.000	ug/ml		0.00
Standard Area 1 = 66551			Recovery = 82.27%				
54) IS2_Naphthalene-d8	5.492	136	54749	4.000	ug/ml		0.00
Standard Area 3 = 55796			Recovery = 98.12%				
62) IS1_Acenaphthene-d10	7.192	164	28031	4.000	ug/ml		0.00
Standard Area 1 = 37234			Recovery = 75.28%				
82) IS2_Acenaphthene-d10	7.192	164	28031	4.000	ug/ml		0.00
Standard Area 3 = 29537			Recovery = 94.90%				
85) IS3_Acenaphthene-d10	7.192	164	28031	4.000	ug/ml		0.00
Standard Area 2 = 29699			Recovery = 94.38%				
87) IS1_Phenanthrene-d10	8.616	188	56335	4.000	ug/ml		0.00
Standard Area 1 = 74040			Recovery = 76.09%				
99) IS3_Phenanthrene-d10	8.616	188	56335	4.000	ug/ml		0.00
Standard Area 2 = 62030			Recovery = 90.82%				
103) IS1_Chrysene-d12	11.210	240	52449	4.000	ug/ml	#	0.00
Standard Area 1 = 76366			Recovery = 68.68%				
112) IS1_Perylene-d12	12.651	264	55596	4.000	ug/ml		0.00
Standard Area 1 = 79048			Recovery = 70.33%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.951	112	11630	3.149	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 62.98%				
7) Phenol-d6	3.951	99	12026	2.725	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 54.50%				
19) Nitrobenzene-d5	4.804	82	7320	1.908	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 76.32%				
45) 2-Fluorobiphenyl	6.575	172	18525	1.776	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 71.04%				
78) 2,4,6-Tribromophenol	7.957	330	2900	2.126	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 42.52%				
95) 4-Terphenyl-d14	10.198	244	24489	2.122	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 84.88%				

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-lvi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 28 14:26:18 2020
Quant Method : i:\8270\sv124\200428avi\FS200405SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 14:01:20 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV124\200428avi\ABN0428.d
: 2 - I:\8270\SV124\200428avi\ADP0428.d
: 3 - I:\8270\SV124\200428avi\AP90428.d
Sub List : 8270TCL_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.		
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.	d	

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-lvi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 28 14:26:18 2020
Quant Method : i:\8270\sv124\200428avi\FS200405SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 14:01:20 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV124\200428avi\ABN0428.d
: 2 - I:\8270\SV124\200428avi\ADP0428.d
: 3 - I:\8270\SV124\200428avi\AP90428.d
Sub List : 8270TCL_REV1 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Fluoranthene	0.000		0		N.D.	
94) Pyrene	0.000		0		N.D.	
96) Butyl benzyl phthalate	0.000		0		N.D.	
105) 3,3'-Dichlorobenzidine	0.000		0		N.D.	
106) Chrysene	0.000		0		N.D.	
107) Bis(2-ethylhexyl)phtha...	0.000		0		N.D.	d
108) Di-n-octylphthalate	0.000		0		N.D.	d
115) Benzo(ghi)perylene	0.000		0		N.D.	

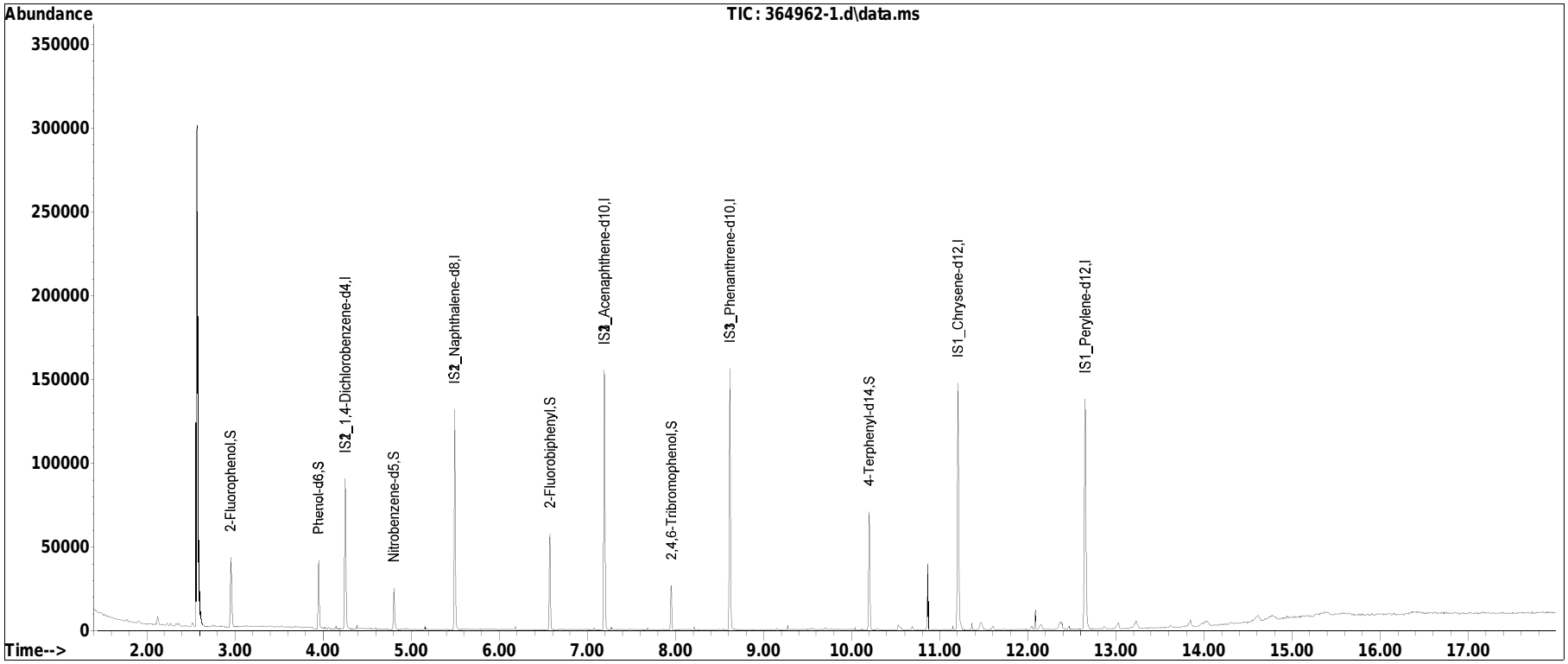
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-1vi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 28 14:26:18 2020
Quant Method : i:\8270\sv124\200428avi\FS200405SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 14:01:20 2020
Response via : Initial Calibration

Sub List : 8270TCL_REV1 - TCL/CT/MAavi\AP90428.d•



Manual Integration Report

Data Path	: I:\8270\SV124\200428avi\	QMethod	: FS200405SV124.m
Data File	: 364962-1.d	Operator	: SV124:sz
Date Inj'd	: 4/28/2020 11:17 am	Instrument	: SV 124
Sample	: WG1364962-1,32,,nj-lvi,re,	Quant Date	: 4/28/2020 2:01 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-lvi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\200428avi\FS200405SV124.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 364962-1.d\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	123	126	130	rVB2	4729	4996	1.43%	0.349%
2	2.516	187	192	198	rBV2	2472	3602	1.03%	0.252%
3	2.569	198	201	212	rBV	299419	349141	100.00%	24.395%
4	2.951	263	266	271	rBV	41751	38504	11.03%	2.690%
5	3.951	433	436	444	rVB	40827	33064	9.47%	2.310%
6	4.251	484	487	500	rVB	89626	77467	22.19%	5.413%
7	4.804	578	581	589	rVB	24778	21065	6.03%	1.472%
8	5.492	695	698	707	rBV	131624	106077	30.38%	7.412%
9	6.575	878	882	886	rBV	57318	49029	14.04%	3.426%
10	7.192	983	987	991	rBV	155059	123038	35.24%	8.597%
11	7.957	1113	1117	1120	rVB	26628	23315	6.68%	1.629%
12	8.616	1225	1229	1235	rBV	156183	132455	37.94%	9.255%
13	10.198	1495	1498	1505	rVB	70490	64465	18.46%	4.504%
14	10.527	1551	1554	1563	rVB3	3183	5769	1.65%	0.403%
15	10.857	1606	1610	1614	rBV	39330	34879	9.99%	2.437%
16	11.210	1666	1670	1681	rVB	147399	146739	42.03%	10.253%
17	11.363	1692	1696	1699	rVB	4318	4400	1.26%	0.307%
18	11.468	1704	1714	1722	rBV2	4710	11070	3.17%	0.773%
19	11.604	1732	1737	1742	rBV2	2451	3560	1.02%	0.249%
20	12.080	1815	1818	1822	rBV	11785	11867	3.40%	0.829%
21	12.151	1825	1830	1837	rVV4	2856	5558	1.59%	0.388%
22	12.374	1860	1868	1872	rBV4	4151	9691	2.78%	0.677%
23	12.651	1910	1915	1926	rBV	137532	148564	42.55%	10.381%
24	13.027	1973	1979	1983	rVB4	3704	6182	1.77%	0.432%
25	13.239	2012	2015	2021	rVB5	4575	7809	2.24%	0.546%
26	13.839	2112	2117	2124	rVB4	4167	8870	2.54%	0.620%

LSC Area Percent Report

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-lvi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

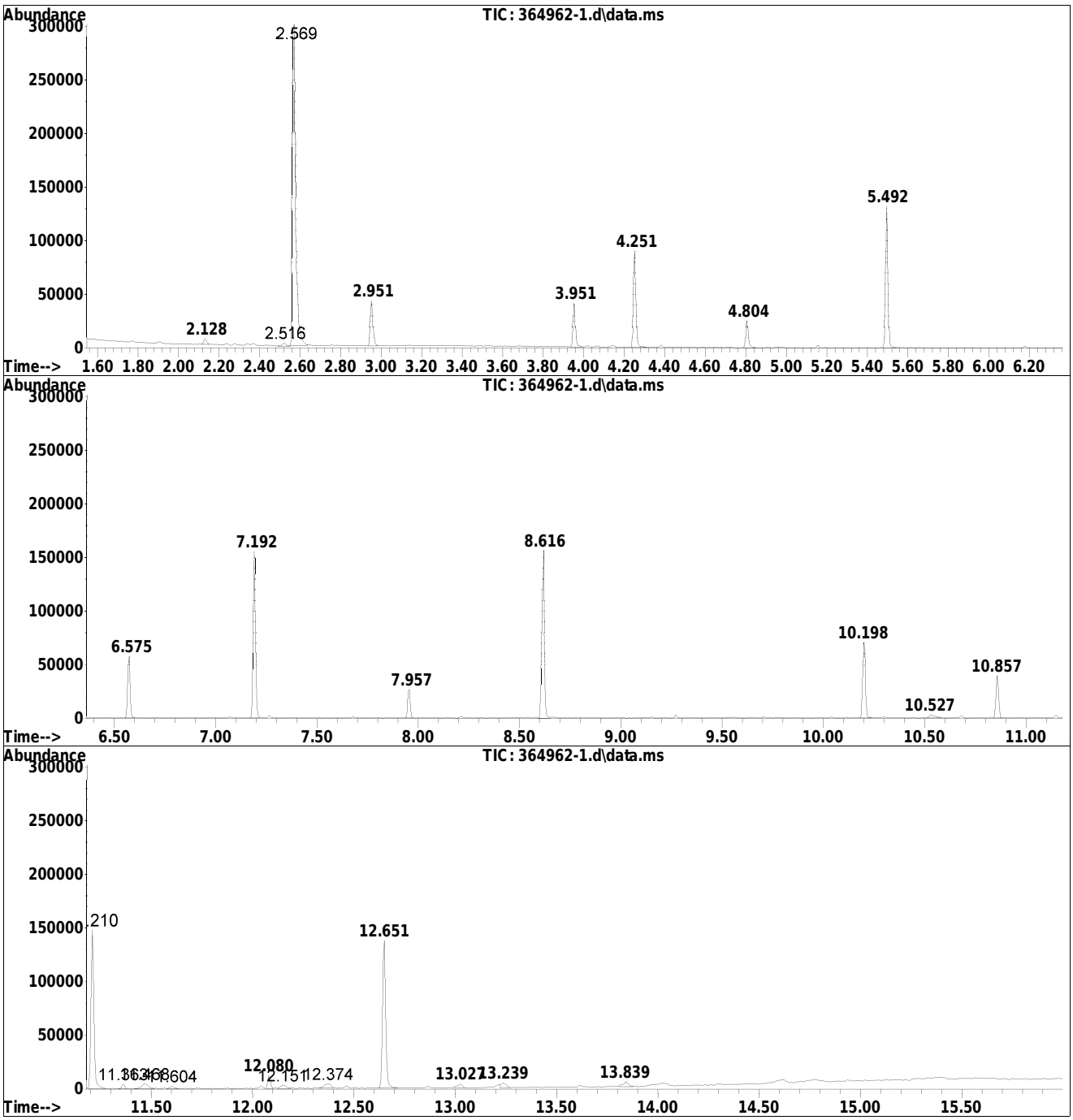
Method : I:\8270\SV124\200428avi\FS200405SV124.m
Title : Semivolatiles by GC/MS by modified 8270

Sum of corrected areas: 1431176

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-1vi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\sv124\200428avi\FS200405SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-1vi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\sv124\200428avi\FS200405SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

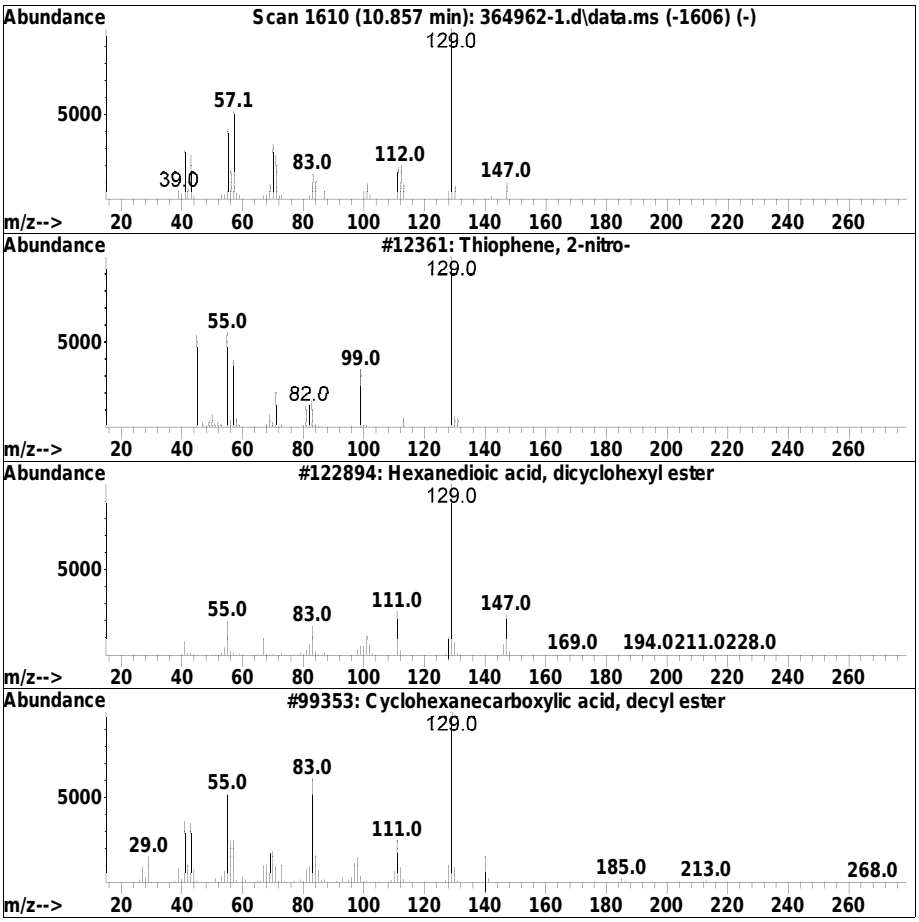
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

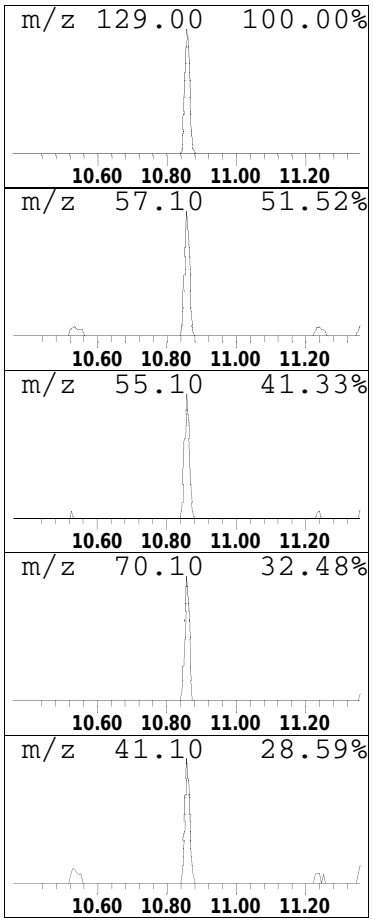
****

Peak Number 2 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.857	0.95 ug/ml	34879	IS1_Chrysene-d12	11.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-nitro-	129	C4H3NO2S	000609-40-5	38
2	Hexanedioic acid, dicyclohexyl e...	310	C18H30O4	000849-99-0	37
3	Cyclohexanecarboxylic acid, decy...	268	C17H32O2	093479-48-2	33
4	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	27
5	Propanoic acid, 2-octyl ester, (...	186	C11H22O2	1000164-41-5	22





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV124\200428avi\
Data File : 364962-1.d
Acq On : 28 Apr 2020 11:17 am
Operator : SV124:sz
Sample : WG1364962-1,32,,nj-lvi,re,dw
Misc : WG1365230,WG1364962,ICAL16655
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\sv124\200428avi\FS200405SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	10.857	1.0	ug/ml	34879	12	11.210	146739	4.0

GC/MS Extractable Analysis
Method 8270
Selective Ion Monitoring

Sample Results Summary

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:33
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 17383-01	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 12:50
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 17383-02	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:07
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 17383-03	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 13:23
Sample Matrix	: WATER	**Date Extracted**	: 04/28/20
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 17383-04	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1364978-1	**Date Collected**	: NA
Client ID	: WG1364978-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/28/20 15:06
Sample Matrix	: WATER	**Date Extracted**	: 04/27/20
Analytical Method	: 1,8270D-SIM	**Dilution Factor**	: 1
Lab File ID	: 364978-1	**Analyst**	: ALS
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Analysis Date**	: 03/11/20 13:35
Tune Standard	: R1297482-12	**Tune File ID**	: tune_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	56.7
68	Less than 2.0% of mass 69	0.8 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.3 (.6)1
127	10.0 - 80.0% of Base Peak	50.3
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	23.8
365	Greater than 1.0% of mass 198	2.6
441	Present, but less than 24% of mass 442	15.9
442	Base Peak, or >50% of mass 198	67.9
443	15.0 - 24.0% of mass 442	13.3 (19.6)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
L10	R1297482-2	L10	03/11/20 14:36
L9	R1297482-9	L9	03/11/20 14:52
L8	R1297482-10	L8	03/11/20 15:08
L7	R1297482-7	L7	03/11/20 15:24
L6	R1297482-8	L6	03/11/20 15:40
L5	R1297482-3	L5	03/11/20 15:57
L4	R1297482-4	L4	03/11/20 16:13
L3	R1297482-6	L3	03/11/20 16:29
L2	R1297482-5	L2	03/11/20 16:46
L1	R1297482-1	L1	03/11/20 17:02
ICV Quant Report	R1297482-11	ICV	03/11/20 17:18

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Analysis Date**	: 04/28/20 09:20
Tune Standard	: WG1365204-1	**Tune File ID**	: deg0428_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	63.5
68	Less than 2.0% of mass 69	1 (1.9)1
69		100
70	Less than 2.0% of mass 69	0.3 (.5)1
127	10.0 - 80.0% of Base Peak	54.9
197	Less than 2.0% of mass 198	0.3
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	21.6
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	16.9
442	Base Peak, or >50% of mass 198	56.2
443	15.0 - 24.0% of mass 442	10.5 (18.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1365204-3CCAL	WG1365204-3	CCV0428	04/28/20 09:36
WG1364978-1BLANK	WG1364978-1	364978-1	04/28/20 15:06
WG1364978-2LCS	WG1364978-2	364978-2	04/28/20 15:23
WG1364978-3LCSD	WG1364978-3	364978-3	04/28/20 15:39

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Analysis Date**	: 04/30/20 11:43
Tune Standard	: WG1366093-1	**Tune File ID**	: deg0430_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	56.6
68	Less than 2.0% of mass 69	0.9 (1.9)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	52.3
197	Less than 2.0% of mass 198	0.4
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.3
275	10.0 - 60.0% of Base Peak	22.2
365	Greater than 1.0% of mass 198	3.2
441	Present, but less than 24% of mass 442	17.1
442	Base Peak, or >50% of mass 198	61.2
443	15.0 - 24.0% of mass 442	12.2 (19.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1366093-3CCAL	WG1366093-3	CCV0430	04/30/20 12:00
MW-1	L2017383-01	17383-01	04/30/20 12:33
MW-2	L2017383-02	17383-02	04/30/20 12:50
MW-3	L2017383-03	17383-03	04/30/20 13:07
MW-4	L2017383-04	17383-04	04/30/20 13:23

Blank Results Summary

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab Sample ID	: WG1364978-1	**Lab File ID**	: 364978-1
Instrument ID	: SV128	**Extraction Date**	: 04/27/20
Matrix	: WATER	**Analysis Date**	: 04/28/20 15:06
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1364978-2LCS	WG1364978-2	04/28/20 15:23
WG1364978-3LCSD	WG1364978-3	04/28/20 15:39
MW-1	L2017383-01	04/30/20 12:33
MW-2	L2017383-02	04/30/20 12:50
MW-3	L2017383-03	04/30/20 13:07
MW-4	L2017383-04	04/30/20 13:23

Standards Data Summary

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV128**	**Ical Ref**	**: ICAL16613**
Calibration dates	**: 03/11/20 14:36 03/11/20 17:18**		

Calibration Files
L1 =L1.D L2 =L2.D L3 =L3.D L4 =L4.D L5 =L5.D L6 =L6.D L7 =L7.D L8 =L8.D L9 =L9.D
L10 =L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	i	1,4-Dichlorobenzene-d4	ISTD											
2)		1,4-Dioxane											0.000	-1.00
3)	s	2-Fluorophenol		1.100	1.049	1.080	1.061	1.111	1.065	1.142	1.067		1.084	2.88
4)	s	Phenol-d6		1.322	1.328	1.354	1.296	1.354	1.332	1.427	1.354		1.346	2.87
5)	T	bis(2-Chloroethyl)ether		1.391	1.274	1.254	1.193	1.275	1.195	1.230	1.179	1.148	1.238	5.85
6)	T	n-Nitrosodi-n-propylamine		0.874	0.845	0.849	0.851	0.900	0.873	0.912	0.904	0.924	0.881	3.37
7)	t	Hexachloroethane		0.458	0.531	0.544	0.512	0.519	0.495	0.510	0.495	0.499	0.507	4.89
8)	s	Nitrobenzene-d5		1.132	1.193	1.210	1.207	1.262	1.241	1.325	1.308		1.235	5.11
9)	i	Naphthalene-d8	ISTD											
10)	t	Naphthalene		1.141	1.137	1.141	1.099	1.124	1.077	1.098	1.039	1.015	1.097	4.17
11)	t	Hexachlorobutadiene		0.245	0.221	0.238	0.233	0.236	0.221	0.221	0.213	0.209	0.226	5.40
12)	t	2-Methylnaphthalene		0.743	0.757	0.766	0.739	0.774	0.745	0.757	0.736	0.725	0.749	2.09
13)	t	1-Methylnaphthalene		0.708	0.694	0.719	0.692	0.734	0.707	0.715	0.698	0.689	0.706	2.07
14)	s	2-Fluorobiphenyl		0.943	0.911	0.921	0.901	0.941	0.902	0.891			0.916	2.22
15)	t	2-Chloronaphthalene		0.785	0.785	0.781	0.769	0.808	0.779	0.781	0.765	0.770	0.780	1.62
16)	t	Acenaphthylene		1.178	1.165	1.166	1.138	1.202	1.176	1.204	1.197	1.208	1.182	1.94
17)	i	Acenaphthene-d10	ISTD											
18)	t	Acenaphthene		1.367	1.390	1.406	1.358	1.385	1.329	1.352	1.290	1.271	1.350	3.37
19)	t	Fluorene		1.595	1.556	1.559	1.499	1.560	1.503	1.547	1.478	1.453	1.528	3.04
20)	s	2,4,6-Tribromophenol				0.201	0.184	0.187	0.190	0.200	0.202		0.194	4.07
21)	i	Phenanthrene-d10	ISTD											
22)	T	4,6-Dinitro-o-cresol					0.053	0.067	0.077	0.101	0.108	0.115	*Q	0.9992
23)	t	Hexachlorobenzene	0.486	0.330	0.263	0.270	0.253	0.260	0.251	0.249	0.237	0.231	*L	0.9992
24)	t	Pentachlorophenol			0.286	0.214	0.150	0.142	0.127	0.140	0.145	0.149	*L	0.9987
25)	t	Phenanthrene		1.275	1.300	1.283	1.195	1.231	1.157	1.173	1.102	1.059	1.197	6.97
26)	t	Anthracene		1.158	1.130	1.164	1.139	1.177	1.145	1.194	1.143	1.096	1.149	2.48
27)	t	Fluoranthene		1.358	1.312	1.353	1.298	1.373	1.314	1.366	1.330	1.281	1.332	2.43
28)	t	Pyrene		1.407	1.368	1.396	1.349	1.437	1.382	1.442	1.384	1.330	1.388	2.67
29)	s	4-Terphenyl-d14		0.734	0.744	0.758	0.727	0.767	0.735	0.735	0.727		0.741	1.94
30)	i	Chrysene-d12	ISTD											
31)	t	Benzo[a]anthracene		2.531	1.700	1.538	1.365	1.387	1.344	1.390	1.351	1.312	*L	0.9996
32)	t	Chrysene		1.386	1.441	1.520	1.445	1.536	1.430	1.413	1.315	1.285	1.419	5.86
33)	T	bis(2-Ethylhexyl)phthalate					0.484	0.537	0.553	0.615	0.703	0.747	0.607	16.75
34)	i	Perylene-d12	ISTD											
35)	t	Benzo[b]fluoranthene		1.225	1.186	1.264	1.163	1.253	1.247	1.324	1.274	1.314	1.250	4.26
36)	t	Benzo[k]fluoranthene		1.207	1.191	1.177	1.213	1.336	1.305	1.310	1.317	1.278	1.259	4.91

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2017383**
Project Name	**: PISTOIA TIRE CO INC.**	**Project Number**	**: 0064-4**
Instrument ID	**: SV128**	**Ical Ref**	**: ICAL16613**
Calibration dates	**: 03/11/20 14:36 03/11/20 17:18**		

Calibration Files

L1 =L1.D L2 =L2.D L3 =L3.D L4 =L4.D L5 =L5.D L6 =L6.D L7 =L7.D L8 =L8.D L9 =L9.D

L10 =L10.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37) t	Benzo[a]pyrene		1.031	1.011	1.055	1.002	1.092	1.107	1.213	1.189	1.211	1.101	7.70
38) t	Indeno[1,2,3-cd]pyrene			0.946	0.986	0.918	1.010	1.025	1.202	1.157	1.183	1.054	10.56
39) t	Dibenzo[a,h]anthracene			0.914	0.980	0.979	1.111	1.156	1.289	1.219	1.218	1.108	12.30
40) t	Benzo[g,h,i]perylene		1.116	1.111	1.158	1.106	1.215	1.238	1.393	1.277	1.256	1.208	7.89

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383		
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4		
Instrument ID	: SV128	**Calibration Date**	: 04/28/20 09:36		
Lab File ID	: CCV0428	**Init. Calib. Date(s)**	: 03/11/20	03/11/20	
Sample No	: WG1365204-3	**Init. Calib. Times**	: 14:36	17:18	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	77	0
2-Fluorophenol	1.084	1.091	.05	-0.6	20	79	0
Phenol-d6	1.346	1.313	.05	2.5	20	76	0
Bis(2-chloroethyl)ether	1.238	1.183	.05	4.4	20	76	0
n-nitrosodi-n-propylamine	0.881	0.87	.05	1.2	20	77	0
Hexachloroethane	0.507	0.509	.05	-0.4	20	79	0
Nitrobenzene-d5	1.235	1.224	.05	0.9	20	76	0
Naphthalene-d8	1	1	.05	0	20	77	0
Naphthalene	1.097	1.029	.05	6.2	20	73	0
Hexachlorobutadiene	0.226	0.213	.05	5.8	20	74	0
2-Methylnaphthalene	0.749	0.724	.05	3.3	20	74	0
1-Methylnaphthalene	0.706	0.683	.05	3.3	20	74	0
2-Fluorobiphenyl	0.916	0.839	.05	8.4	20	71	0
2-Chloronaphthalene	0.78	0.743	.05	4.7	20	73	0
Acenaphthylene	1.182	1.113	.05	5.8	20	73	0
Acenaphthene-d10	1	1	.05	0	20	75	0
Acenaphthene	1.35	1.318	.05	2.4	20	74	0
Fluorene	1.528	1.549	.05	-1.4	20	77	0
2,4,6-Tribromophenol	0.194	0.231	.05	-19.1	20	91	0
Phenanthrene-d10	1	1	.05	0	20	77	0
4,6-Dinitro-o-cresol	1000	1201.108	.05	-20.1*	20	112	0
Hexachlorobenzene	1000	1039.773	.05	-4	20	76	0
Pentachlorophenol	1000	723.133	.05	27.7*	20	65	0
Phenanthrene	1.197	1.156	.05	3.4	20	77	0
Anthracene	1.149	1.09	.05	5.1	20	73	0
Fluoranthene	1.332	1.348	.05	-1.2	20	79	0
Pyrene	1.388	1.377	.05	0.8	20	77	0
4-Terphenyl-d14	0.741	0.73	.05	1.5	20	77	0
Chrysene-d12	1	1	.05	0	20	79	0
Benzo[a]anthracene	1000	1012.117	.05	-1.2	20	80	0
Chrysene	1.419	1.409	.05	0.7	20	78	0
Bis(2-ethylhexyl)phthalate	0.607	0.847	.05	-39.5*	20	121	0
Perylene-d12	1	1	.05	0	20	79	0
Benzo[b]fluoranthene	1.25	1.479	.05	-18.3	20	93	0
Benzo[k]fluoranthene	1.259	1.288	.05	-2.3	20	78	0
Benzo[a]pyrene	1.101	1.205	.05	-9.4	20	85	0
Indeno[1,2,3-cd]pyrene	1.054	1.258	.05	-19.4	20	96	0
Dibenzo[a,h]anthracene	1.108	1.291	.05	-16.5	20	88	0
Benzo[g,h,i]perylene	1.208	1.327	.05	-9.9	20	84	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Calibration Date**	: 04/30/20 12:00
Lab File ID	: CCV0430	**Init. Calib. Date(s)**	: 03/11/20 03/11/20
Sample No	: WG1366093-3	**Init. Calib. Times**	: 14:36 17:18
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	87	0
2-Fluorophenol	1.084	1.134	.05	-4.6	20	93	0
Phenol-d6	1.346	1.395	.05	-3.6	20	91	0
Bis(2-chloroethyl)ether	1.238	1.22	.05	1.5	20	89	0
n-nitrosodi-n-propylamine	0.881	0.894	.05	-1.5	20	89	.01
Hexachloroethane	0.507	0.533	.05	-5.1	20	94	0
Nitrobenzene-d5	1.235	1.291	.05	-4.5	20	90	.01
Naphthalene-d8	1	1	.05	0	20	88	.01
Naphthalene	1.097	1.067	.05	2.7	20	87	0
Hexachlorobutadiene	0.226	0.222	.05	1.8	20	88	0
2-Methylnaphthalene	0.749	0.739	.05	1.3	20	87	.01
1-Methylnaphthalene	0.706	0.701	.05	0.7	20	87	.02
2-Fluorobiphenyl	0.916	0.894	.05	2.4	20	87	.01
2-Chloronaphthalene	0.78	0.759	.05	2.7	20	86	.01
Acenaphthylene	1.182	1.163	.05	1.6	20	87	.01
Acenaphthene-d10	1	1	.05	0	20	88	.01
Acenaphthene	1.35	1.303	.05	3.5	20	86	.01
Fluorene	1.528	1.522	.05	0.4	20	89	.01
2,4,6-Tribromophenol	0.194	0.228	.05	-17.5	20	105	.01
Phenanthrene-d10	1	1	.05	0	20	88	.02
4,6-Dinitro-o-cresol	1000	1248.726	.05	-24.9*	20	134	.01
Hexachlorobenzene	1000	1064.315	.05	-6.4	20	89	.01
Pentachlorophenol	1000	333.02	.05	66.7*	20	35	.02
Phenanthrene	1.197	1.159	.05	3.2	20	88	.01
Anthracene	1.149	1.133	.05	1.4	20	87	.01
Fluoranthene	1.332	1.365	.05	-2.5	20	91	.02
Pyrene	1.388	1.418	.05	-2.2	20	90	.02
4-Terphenyl-d14	0.741	0.768	.05	-3.6	20	92	.02
Chrysene-d12	1	1	.05	0	20	91	.03
Benzo[a]anthracene	1000	1032.321	.05	-3.2	20	94	.02
Chrysene	1.419	1.395	.05	1.7	20	89	.03
Bis(2-ethylhexyl)phthalate	0.607	0.895	.05	-47.4*	20	148	.03
Perylene-d12	1	1	.05	0	20	91	.06
Benzo[b]fluoranthene	1.25	1.455	.05	-16.4	20	106	.05
Benzo[k]fluoranthene	1.259	1.273	.05	-1.1	20	89	.05
Benzo[a]pyrene	1.101	1.206	.05	-9.5	20	99	.05
Indeno[1,2,3-cd]pyrene	1.054	1.233	.05	-17	20	110	.09
Dibenzo[a,h]anthracene	1.108	1.255	.05	-13.3	20	99	.09
Benzo[g,h,i]perylene	1.208	1.322	.05	-9.4	20	97	.09

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Lisko Environmental, LLC
Project Name: PISTOIA TIRE CO INC.

Lab Number: L2017383
Project Number: 0064-4
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (NBZ)	S2 (FBP)	S3 (TPH)	S4 ()	S5 ()	S6 ()	TOT OUT
MW-1 (L2017383-01)	68	78	88	--	--	--	0
MW-2 (L2017383-02)	61	57	77	--	--	--	0
MW-3 (L2017383-03)	58	53	67	--	--	--	0
MW-4 (L2017383-04)	65	61	77	--	--	--	0
WG1364978-1BLANK	73	66	89	--	--	--	0
WG1364978-2LCS	92	83	100	--	--	--	0
WG1364978-3LCSD	62	68	118	--	--	--	0

QC LIMITS

(30-130) NBZ = NITROBENZENE-D5
(30-130) FBP = 2-FLUOROBIPHENYL
(30-130) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NJ-BNEXT-SIM-LVI

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Matrix	: WATER		
LCS Sample ID	: WG1364978-2	**Analysis Date** : 04/28/20 15:23	**File ID** : 364978-2
LCSD Sample ID	: WG1364978-3	**Analysis Date** : 04/28/20 15:39	**File ID** : 364978-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	3.6	3.1	85	3.6	3.6	100	16	70-130	20
Benzo(a)pyrene	3.6	3.3	91	3.6	3.8	104	13	70-130	20
Benzo(b)fluoranthene	3.6	3.2	88	3.6	3.8	106	19	70-130	20
Benzo(k)fluoranthene	3.6	3.3	90	3.6	3.6	100	11	70-130	20
Dibenzo(a,h)anthracene	3.6	3.3	92	3.6	3.7	102	10	70-130	20
Indeno(1,2,3-cd)pyrene	3.6	3.4	95	3.6	3.9	106	11	70-130	20
Hexachlorobenzene	3.6	3.2	87	3.6	3.1	85	2	70-130	20
Hexachlorobutadiene	3.6	2.8	77	3.6	1.8	50 Q	43 Q	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Analysis Date**	: 04/28/20 09:36
Sample No	: WG1365204-3	**Lab File ID**	: CCV0428

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1365204-3	64377	2.08	228424	2.74	130768	3.71
Upper Limit	128754	2.58	456848	3.24	261536	4.21
Lower Limit	32189	1.58	114212	2.24	65384	3.21
Sample ID						
WG1364978-1 BLANK	67355	2.09	242518	2.74	141910	3.71
WG1364978-2 LCS	63289	2.09	225774	2.74	130655	3.71
WG1364978-3 LCSD	63328	2.09	224817	2.74	131041	3.71

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Analysis Date**	: 04/28/20 09:36
Sample No	: WG1365204-3	**Lab File ID**	: CCV0428

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1365204-3	294202	4.55	283237	6.06	290364	7.13
Upper Limit	588404	5.05	566474	6.56	580728	7.63
Lower Limit	147101	4.05	141619	5.56	145182	6.63
Sample ID						
WG1364978-1 BLANK	319504	4.55	313162	6.06	324968	7.14
WG1364978-2 LCS	281922	4.55	267370	6.06	279972	7.14
WG1364978-3 LCSD	293586	4.55	286514	6.06	296963	7.14

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Analysis Date**	: 04/30/20 12:00
Sample No	: WG1366093-3	**Lab File ID**	: CCV0430

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1366093-3	72783	2.09	261908	2.75	153921	3.72
Upper Limit	145566	2.59	523816	3.25	307842	4.22
Lower Limit	36392	1.59	130954	2.25	76961	3.22
Sample ID						
MW-1	66955	2.08	241932	2.74	142401	3.71
MW-2	65156	2.08	235054	2.74	136565	3.71
MW-3	67901	2.08	244863	2.74	145298	3.71
MW-4	65642	2.08	235721	2.74	135378	3.71

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SV128	**Analysis Date**	: 04/30/20 12:00
Sample No	: WG1366093-3	**Lab File ID**	: CCV0430

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1366093-3	335754	4.56	326581	6.09	336437	7.19
Upper Limit	671508	5.06	653162	6.59	672874	7.69
Lower Limit	167877	4.06	163291	5.59	168219	6.69
Sample ID						
MW-1	311915	4.56	287871	6.08	287642	7.18
MW-2	298897	4.55	279162	6.08	279185	7.18
MW-3	314230	4.55	291922	6.08	289639	7.18
MW-4	296649	4.55	276996	6.08	278683	7.18

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-01.D
Acq On : 30 Apr 2020 12:33 pm
Operator : SV128:dv
Sample : 12017383-01,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 02 10:53:47 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.080	152	66955	4000.000 ng/ml	# 0.00
Standard Area 1 = 72783			Recovery = 91.99%		
9) Naphthalene-d8	2.740	136	241932	4000.000 ng/ml	0.00
Standard Area 1 = 261908			Recovery = 92.37%		
17) Acenaphthene-d10	3.714	164	142401	4000.000 ng/ml	# 0.00
Standard Area 1 = 153921			Recovery = 92.52%		
21) Phenanthrene-d10	4.556	188	311915	4000.000 ng/ml	0.01
Standard Area 1 = 335754			Recovery = 92.90%		
30) Chrysene-d12	6.082	240	287871	4000.000 ng/ml	0.03
Standard Area 1 = 326581			Recovery = 88.15%		
34) Perylene-d12	7.184	264	287642	4000.000 ng/ml	0.05
Standard Area 1 = 336437			Recovery = 85.50%		
System Monitoring Compounds					
3) 2-Fluorophenol	1.494	112	36089	1988.200 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 39764.00%#		
4) Phenol-d6	1.909	99	50931	2260.786 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 45215.72%#		
8) Nitrobenzene-d5	2.362	82	34992	1693.003 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 67720.12%#		
14) 2-Fluorobiphenyl	3.340	172	107907	1948.139 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 77925.56%#		
20) 2,4,6-Tribromophenol	4.161	330	15835	2291.437 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 45828.74%#		
29) 4-Terphenyl-d14	5.477	244	127669	2209.824 ng/ml	0.02
Spiked Amount 2.500	Range 30 - 130		Recovery = 88392.96%#		
Target Compounds					Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.	
23) Hexachlorobenzene	0.000		0	N.D. d	
31) Benzo[a]anthracene	0.000		0	N.D. d	
35) Benzo[b]fluoranthene	0.000		0	N.D. d	
36) Benzo[k]fluoranthene	0.000		0	N.D. d	
37) Benzo[a]pyrene	0.000		0	N.D. d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
39) Dibenzo[a,h]anthracene	0.000		0	N.D. d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-01.D
Acq On : 30 Apr 2020 12:33 pm
Operator : SV128:dv
Sample : 12017383-01,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 02 10:53:47 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

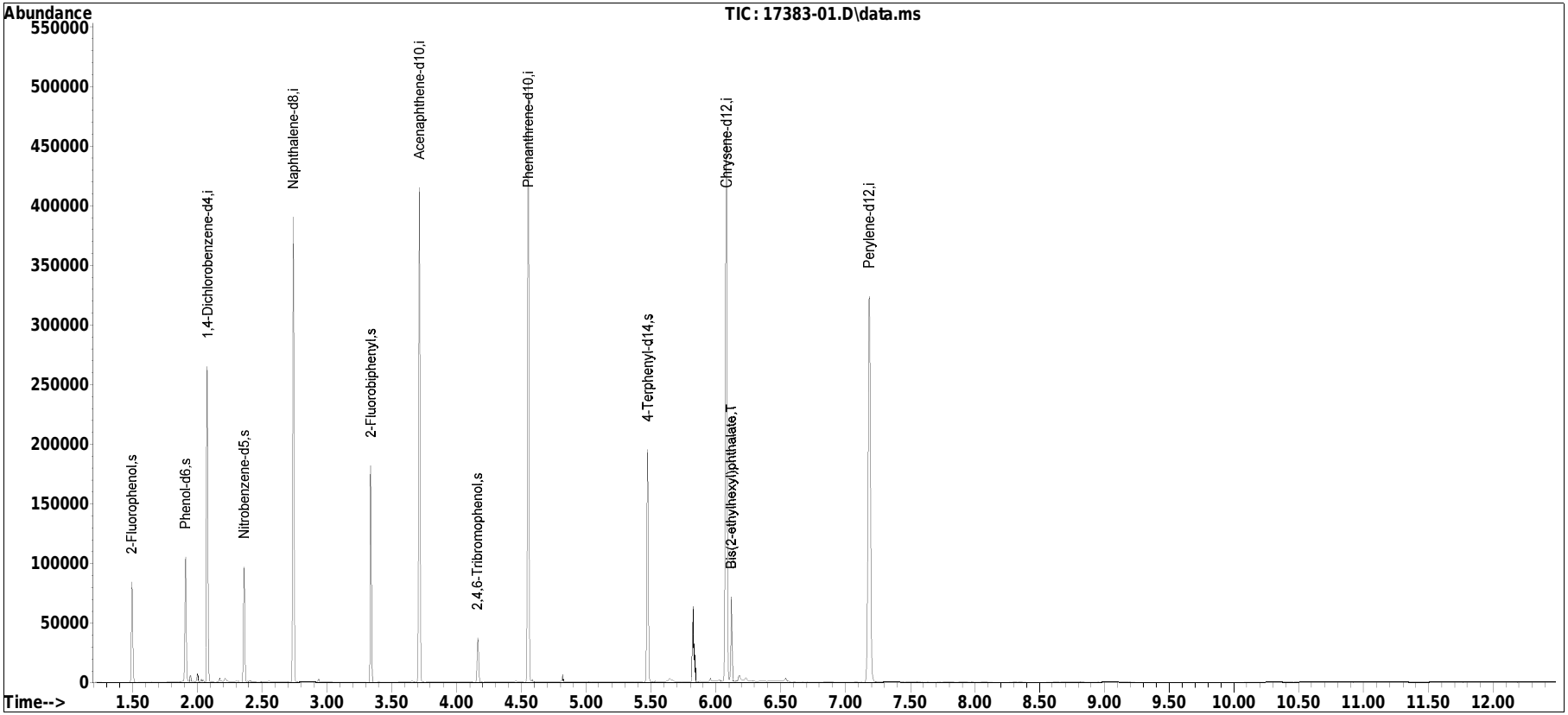
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-01.D
Acq On : 30 Apr 2020 12:33 pm
Operator : SV128:dv
Sample : l2017383-01,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 02 10:53:47 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

Sub List : Default - All compounds listedv0430.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV128\200430\	QMethod	: SIM-LVI_200311_sv128.M
Data File	: 17383-01.D	Operator	: SV128:dv
Date Inj'd	: 4/30/2020 12:33 pm	Instrument	: SV128
Sample	: 12017383-01,32,,bnext	Quant Date	: 5/2/2020 10:53 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-02.D
Acq On : 30 Apr 2020 12:50 pm
Operator : SV128:dv
Sample : 12017383-02,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 10:54:23 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.080	152	65156	4000.000 ng/ml	# 0.00
Standard Area 1 = 72783			Recovery = 89.52%		
9) Naphthalene-d8	2.740	136	235054	4000.000 ng/ml	0.00
Standard Area 1 = 261908			Recovery = 89.75%		
17) Acenaphthene-d10	3.713	164	136565	4000.000 ng/ml	# 0.00
Standard Area 1 = 153921			Recovery = 88.72%		
21) Phenanthrene-d10	4.552	188	298897	4000.000 ng/ml	0.00
Standard Area 1 = 335754			Recovery = 89.02%		
30) Chrysene-d12	6.078	240	279162	4000.000 ng/ml	0.02
Standard Area 1 = 326581			Recovery = 85.48%		
34) Perylene-d12	7.182	264	279185	4000.000 ng/ml	0.05
Standard Area 1 = 336437			Recovery = 82.98%		
System Monitoring Compounds					
3) 2-Fluorophenol	1.494	112	46014	2604.976 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 52099.52%#		
4) Phenol-d6	1.909	99	50735	2314.268 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 46285.36%#		
8) Nitrobenzene-d5	2.362	82	30621	1522.429 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 60897.16%#		
14) 2-Fluorobiphenyl	3.339	172	76092	1413.953 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 56558.12%#		
20) 2,4,6-Tribromophenol	4.160	330	24025	3625.157 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 72503.14%#		
29) 4-Terphenyl-d14	5.476	244	107225	1936.792 ng/ml	0.01
Spiked Amount 2.500	Range 30 - 130		Recovery = 77471.68%#		
Target Compounds					Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.	
23) Hexachlorobenzene	0.000		0	N.D.	
31) Benzo[a]anthracene	0.000		0	N.D. d	
35) Benzo[b]fluoranthene	0.000		0	N.D. d	
36) Benzo[k]fluoranthene	0.000		0	N.D. d	
37) Benzo[a]pyrene	0.000		0	N.D. d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	
39) Dibenzo[a,h]anthracene	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-02.D
Acq On : 30 Apr 2020 12:50 pm
Operator : SV128:dv
Sample : 12017383-02,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 10:54:23 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

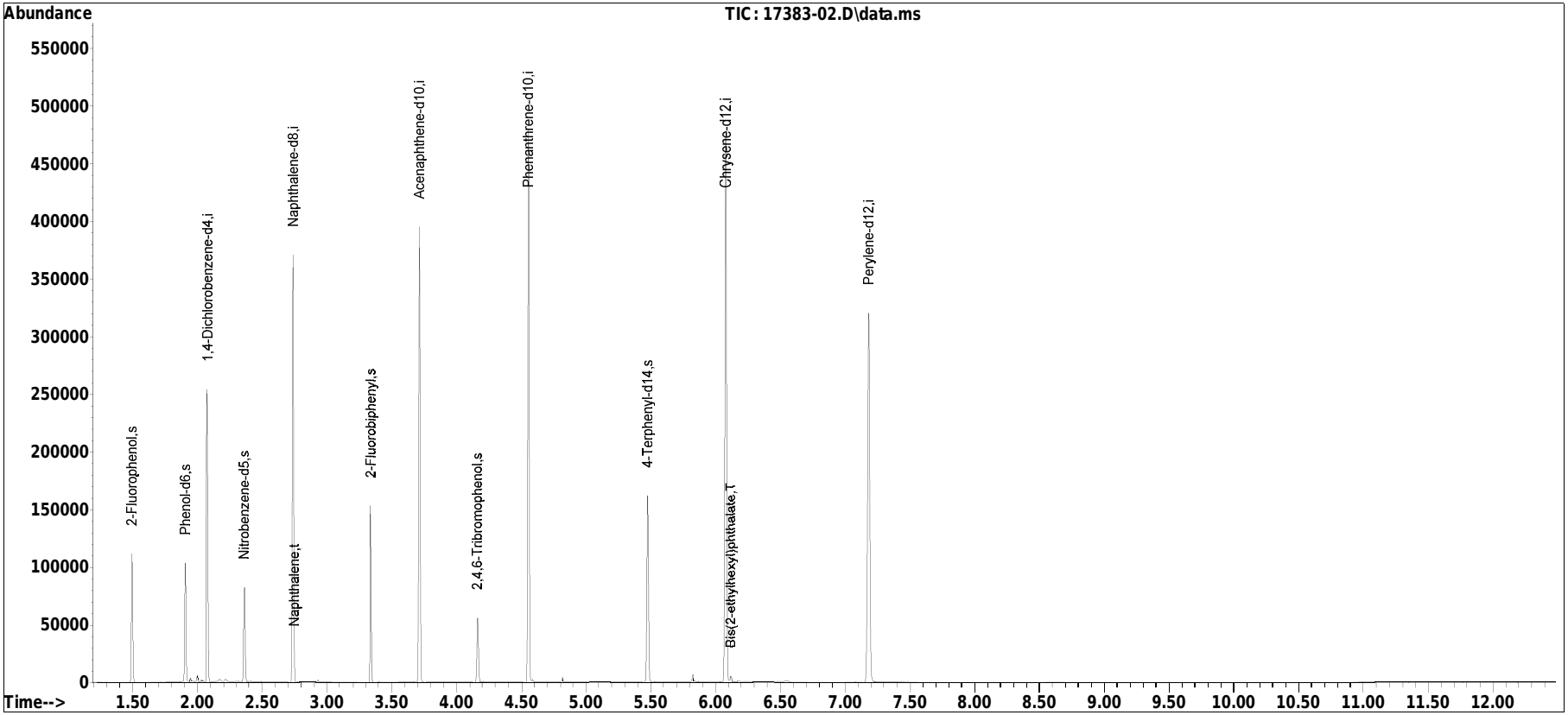
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-02.D
Acq On : 30 Apr 2020 12:50 pm
Operator : SV128:dv
Sample : l2017383-02,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 10:54:23 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

Sub List : Default - All compounds listedv0430.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV128\200430\	QMethod	: SIM-LVI_200311_sv128.M
Data File	: 17383-02.D	Operator	: SV128:dv
Date Inj'd	: 4/30/2020 12:50 pm	Instrument	: SV128
Sample	: 12017383-02,32,,bnext	Quant Date	: 5/2/2020 10:53 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-03.D
Acq On : 30 Apr 2020 01:07 pm
Operator : SV128:dv
Sample : 12017383-03,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 02 10:55:29 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.080	152	67901	4000.000 ng/ml	# 0.00
Standard Area 1 = 72783			Recovery = 93.29%		
9) Naphthalene-d8	2.740	136	244863	4000.000 ng/ml	0.00
Standard Area 1 = 261908			Recovery = 93.49%		
17) Acenaphthene-d10	3.713	164	145298	4000.000 ng/ml	# 0.00
Standard Area 1 = 153921			Recovery = 94.40%		
21) Phenanthrene-d10	4.553	188	314230	4000.000 ng/ml	0.00
Standard Area 1 = 335754			Recovery = 93.59%		
30) Chrysene-d12	6.079	240	291922	4000.000 ng/ml	0.02
Standard Area 1 = 326581			Recovery = 89.39%		
34) Perylene-d12	7.183	264	289639	4000.000 ng/ml	0.05
Standard Area 1 = 336437			Recovery = 86.09%		
System Monitoring Compounds					
3) 2-Fluorophenol	1.494	112	40947	2224.406 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 44488.12%#		
4) Phenol-d6	1.909	99	48650	2129.448 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 42588.96%#		
8) Nitrobenzene-d5	2.360	82	30364	1448.621 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 57944.84%#		
14) 2-Fluorobiphenyl	3.339	172	74067	1321.190 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 52847.60%#		
20) 2,4,6-Tribromophenol	4.160	330	15572	2208.450 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 44169.00%#		
29) 4-Terphenyl-d14	5.477	244	97156	1669.285 ng/ml	0.01
Spiked Amount 2.500	Range 30 - 130		Recovery = 66771.40%#		
Target Compounds					Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.	
23) Hexachlorobenzene	0.000		0	N.D. d	
31) Benzo[a]anthracene	0.000		0	N.D. d	
35) Benzo[b]fluoranthene	0.000		0	N.D. d	
36) Benzo[k]fluoranthene	0.000		0	N.D. d	
37) Benzo[a]pyrene	0.000		0	N.D. d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D. d	
39) Dibenzo[a,h]anthracene	0.000		0	N.D. d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-03.D
Acq On : 30 Apr 2020 01:07 pm
Operator : SV128:dv
Sample : 12017383-03,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 02 10:55:29 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

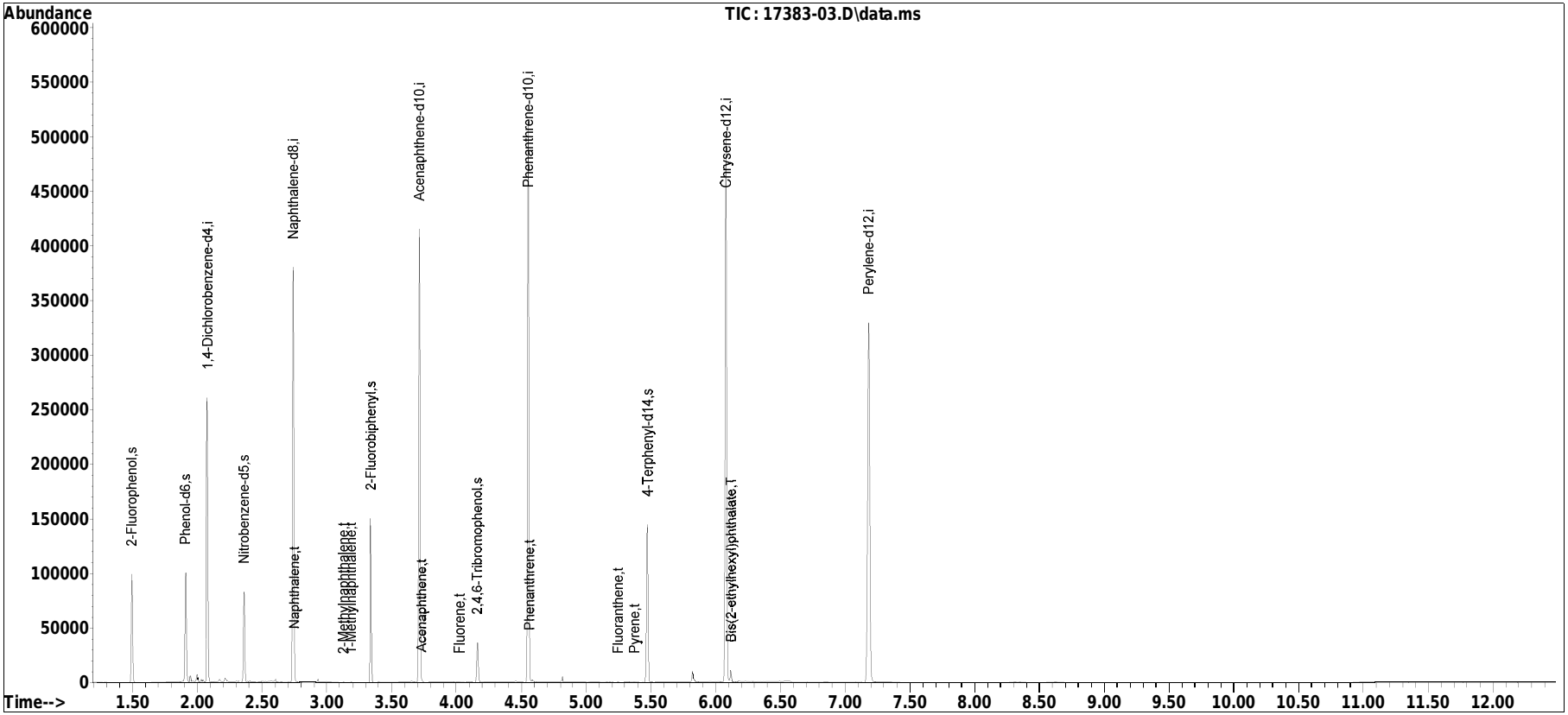
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-03.D
Acq On : 30 Apr 2020 01:07 pm
Operator : SV128:dv
Sample : l2017383-03,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 02 10:55:29 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

Sub List : Default - All compounds listedv0430.D•



Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-04.D
Acq On : 30 Apr 2020 01:23 pm
Operator : SV128:dv
Sample : 12017383-04,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 10:56:07 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.080	152	65642	4000.000 ng/ml	# 0.00
Standard Area 1 = 72783			Recovery = 90.19%		
9) Naphthalene-d8	2.740	136	235721	4000.000 ng/ml	0.00
Standard Area 1 = 261908			Recovery = 90.00%		
17) Acenaphthene-d10	3.713	164	135378	4000.000 ng/ml	# 0.00
Standard Area 1 = 153921			Recovery = 87.95%		
21) Phenanthrene-d10	4.552	188	296649	4000.000 ng/ml	0.00
Standard Area 1 = 335754			Recovery = 88.35%		
30) Chrysene-d12	6.076	240	276996	4000.000 ng/ml	0.02
Standard Area 1 = 326581			Recovery = 84.82%		
34) Perylene-d12	7.183	264	278683	4000.000 ng/ml	0.05
Standard Area 1 = 336437			Recovery = 82.83%		
System Monitoring Compounds					
3) 2-Fluorophenol	1.496	112	44228	2485.328 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 49706.56%#		
4) Phenol-d6	1.908	99	44978	2036.473 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 40729.46%#		
8) Nitrobenzene-d5	2.362	82	32960	1626.588 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 65063.52%#		
14) 2-Fluorobiphenyl	3.339	172	82756	1533.433 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 61337.32%#		
20) 2,4,6-Tribromophenol	4.160	330	25032	3810.222 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 76204.44%#		
29) 4-Terphenyl-d14	5.477	244	105959	1928.428 ng/ml	0.01
Spiked Amount 2.500	Range 30 - 130		Recovery = 77137.12%#		
Target Compounds					Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.	
23) Hexachlorobenzene	0.000		0	N.D. d	
31) Benzo[a]anthracene	0.000		0	N.D. d	
35) Benzo[b]fluoranthene	0.000		0	N.D.	
36) Benzo[k]fluoranthene	0.000		0	N.D. d	
37) Benzo[a]pyrene	0.000		0	N.D. d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	
39) Dibenzo[a,h]anthracene	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-04.D
Acq On : 30 Apr 2020 01:23 pm
Operator : SV128:dv
Sample : l2017383-04,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 10:56:07 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200430\ccv0430.D
Sub List : Default - All compounds listed

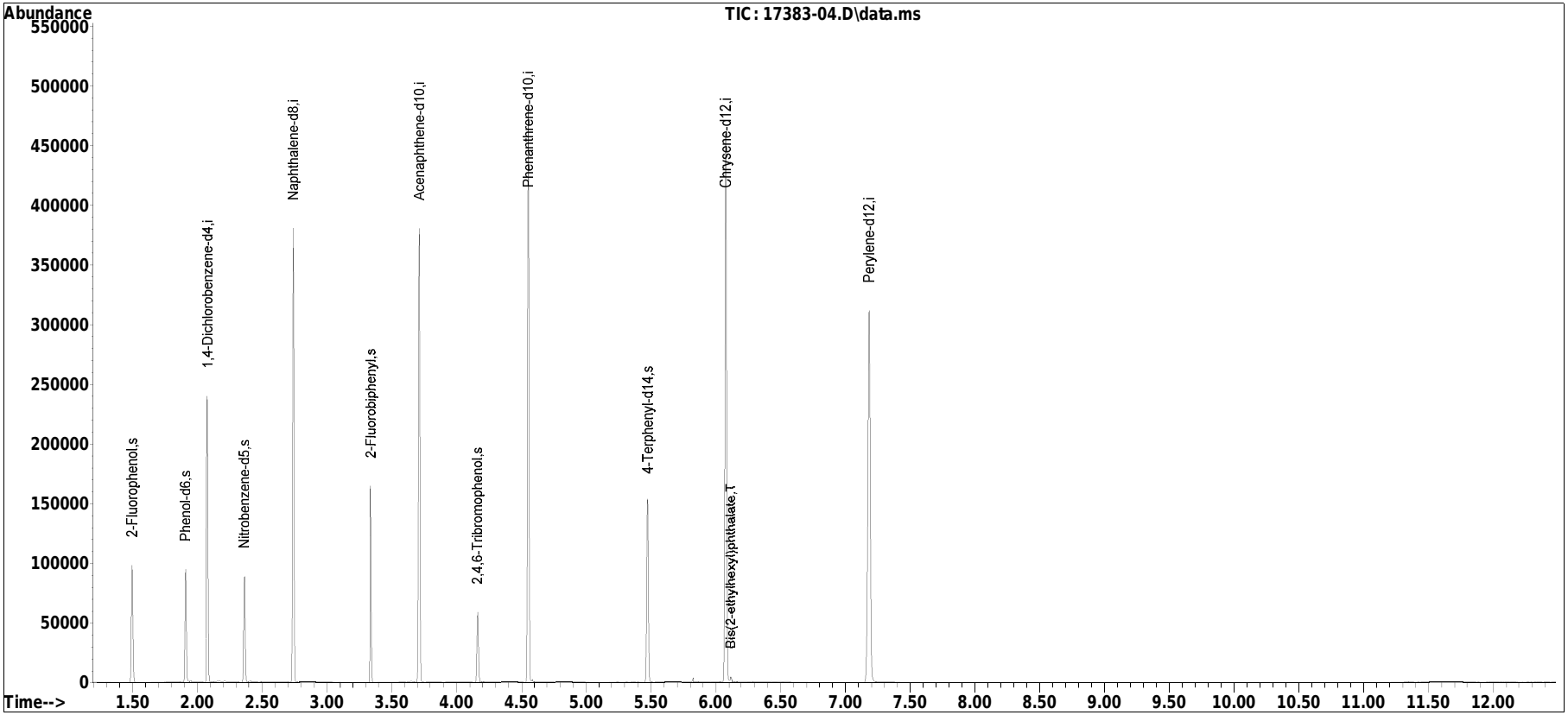
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200430\
Data File : 17383-04.D
Acq On : 30 Apr 2020 01:23 pm
Operator : SV128:dv
Sample : l2017383-04,32,,bnext
Misc : wg1366093,wg1364978,ical16613
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 10:56:07 2020
Quant Method : I:\8270SIM\SV128\200430\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

Sub List : Default - All compounds listedv0430.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV128\200430\	QMethod	: SIM-LVI_200311_sv128.M
Data File	: 17383-04.D	Operator	: SV128:dv
Date Inj'd	: 4/30/2020 1:23 pm	Instrument	: SV128
Sample	: 12017383-04,32,,bnext	Quant Date	: 5/2/2020 10:55 am

There are no manual integrations or false positives in this file.

Method Blank
Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200428\
Data File : 364978-1.D
Acq On : 28 Apr 2020 03:06 pm
Operator : SV128:als
Sample : wg1364978-1,32,,bnext,jjw
Misc : wg1365204,wg1364978,ical16613
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 01 09:04:02 2020
Quant Method : I:\8270SIM\SV128\200428\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200428\ccv0428.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	2.086	152	67355	4000.000 ng/ml	# 0.00
Standard Area 1 = 64377			Recovery = 104.63%		
9) Naphthalene-d8	2.742	136	242518	4000.000 ng/ml	0.00
Standard Area 1 = 228424			Recovery = 106.17%		
17) Acenaphthene-d10	3.712	164	141910	4000.000 ng/ml	# 0.00
Standard Area 1 = 130768			Recovery = 108.52%		
21) Phenanthrene-d10	4.551	188	319504	4000.000 ng/ml	0.00
Standard Area 1 = 294202			Recovery = 108.60%		
30) Chrysene-d12	6.060	240	313162	4000.000 ng/ml	0.00
Standard Area 1 = 283237			Recovery = 110.57%		
34) Perylene-d12	7.138	264	324968	4000.000 ng/ml	0.00
Standard Area 1 = 290364			Recovery = 111.92%		
System Monitoring Compounds					
3) 2-Fluorophenol	1.502	112	45247	2477.925 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 49558.50%#		
4) Phenol-d6	1.911	99	53035	2340.200 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 46804.00%#		
8) Nitrobenzene-d5	2.364	82	38029	1829.015 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 73160.60%#		
14) 2-Fluorobiphenyl	3.339	172	91449	1647.019 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 65880.76%#		
20) 2,4,6-Tribromophenol	4.159	330	19055	2766.934 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 55338.68%#		
29) 4-Terphenyl-d14	5.464	244	131529	2222.561 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 88902.44%#		
Target Compounds					Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.	
23) Hexachlorobenzene	0.000		0	N.D. d	
31) Benzo[a]anthracene	0.000		0	N.D. d	
35) Benzo[b]fluoranthene	0.000		0	N.D. d	
36) Benzo[k]fluoranthene	0.000		0	N.D. d	
37) Benzo[a]pyrene	0.000		0	N.D. d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	
39) Dibenzo[a,h]anthracene	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200428\
Data File : 364978-1.D
Acq On : 28 Apr 2020 03:06 pm
Operator : SV128:als
Sample : wg1364978-1,32,,bnext,jjw
Misc : wg1365204,wg1364978,ical16613
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 01 09:04:02 2020
Quant Method : I:\8270SIM\SV128\200428\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV128\200428\ccv0428.D
Sub List : Default - All compounds listed

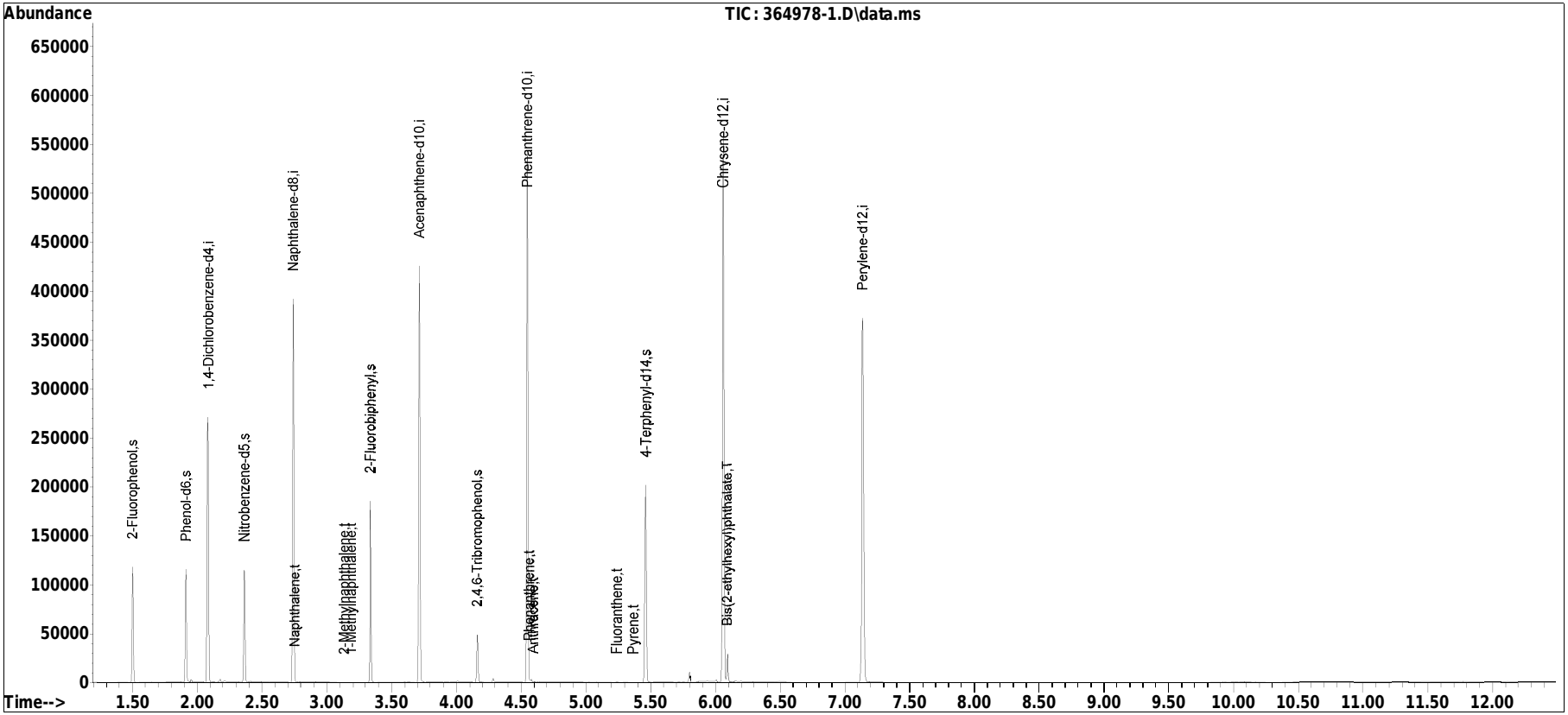
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\200428\
Data File : 364978-1.D
Acq On : 28 Apr 2020 03:06 pm
Operator : SV128:als
Sample : wg1364978-1,32,,bnext,jjw
Misc : wg1365204,wg1364978,ical16613
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 01 09:04:02 2020
Quant Method : I:\8270SIM\SV128\200428\SIM-LVI_200311_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Apr 28 09:50:54 2020
Response via : Initial Calibration

Sub List : Default - All compounds listedv0428.D•



Metals

Inorganic Data
(ICPMS Analysis)

Sample Results Summary

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 05/01/20 13:19
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1366398.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 04/28/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	0.8684	0.5000	0.1650	
7439-89-6	Iron, Total	1210	50.0	19.1	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 05/01/20 13:25
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1366398.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 04/28/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	0.7602	0.5000	0.1650	
7439-89-6	Iron, Total	1080	50.0	19.1	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 05/01/20 12:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1366398.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 04/28/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	1.556	0.5000	0.1650	
7439-89-6	Iron, Total	4460	50.0	19.1	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 05/01/20 13:30
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1366398.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 04/28/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	0.7739	0.5000	0.1650	
7439-89-6	Iron, Total	624.	50.0	19.1	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1365225-1	**Date Collected**	: NA
Client ID	: WG1365225-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/01/20 10:52
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1366398.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 04/28/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	ND	0.5000	0.1650	U
7439-89-6	Iron, Total	ND	50.0	19.1	U

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ2		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :	R1308924-2		R1308924-5		R1308924-7		R1308924-9		WG1365225-1	
Date Analyzed :	05/01/20 10:21		05/01/20 10:47		05/01/20 11:48		05/01/20 12:54		05/01/20 10:52	
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q
Arsenic	0.165	U	0.165	U	0.165	U	0.165	U	0.1650	U
Iron	19.1	U	19.9	J	19.1	U	19.1	U	19.1	U

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ2		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1308924-11							
Date Analyzed :			05/01/20 13:57							
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Arsenic			0.165	U						
Iron			19.1	U						

Calibration Summary

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ2	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1308924-1			R1308924-4			R1308924-6		R1308924-8	
Date Analyzed :	05/01/20 10:16			05/01/20 10:42			05/01/20 11:43		05/01/20 12:49	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic	50.0	52.4000	105	60.0000	59.0	98	58.6	98	54.8	91
Iron	5000	5290.0000	106	6000.0000	5840	97	5780	96	5710	95

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ2	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1308924-10						
Date Analyzed :				05/01/20 13:52						
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic				60.0000	58.7	98				
Iron				6000.0000	5890	98				

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

ICP Interference Check Sample Results Summary

Form 4a
Interference Check Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ2	**Concentration Units**	: ug/l

			Initial Found				Final Found			
Lab ID :			R1308924-3							
Analysis Date :			05/01/20 10:31							
Analyte	**Sol. A**	**Sol. AB**	**Sol. A**	**%R**	**Sol. AB**	**%R**	**Sol. A**	**%R**	**Sol. AB**	**%R**
Arsenic			0.137							
Iron	50000		48600	97						

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020

ICSA: 80-120%

ICSAB: 80-120%

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1365225-2	**LCS Analysis Date**	: 05/01/20 11:07
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ug/l)**	**Found (ug/l)**	**%R**	**True (ug/l)**	**Found (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Arsenic, Total	120.	128.	107.					80-120	20
Iron, Total	1000	1100	110.					80-120	20

Internal Standard Summary

Form 15
ICP-MS Internal Standards Relative Intensity Summary

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ2	**Analysis Method**	: 1,6020B
Start Date	: 05/01/20	**End Date**	: 05/01/20

Sample #	Time	Internal Standards %RI For:				
		Lithium	Scandium	Ge	In	Bismuth
R1308924-1 ICV	10:16:17	108	109	109	108	107
R1308924-2 ICB	10:21:25	102	102	103	100	101
R1308924-3 ICSA	10:31:45	112	123	121	112	104
R1308924-4 CCV	10:42:00	112	123	115	110	109
R1308924-5 CCB	10:47:10	103	102	106	102	102
WG1365225-1 BLANK	10:52:20	105	105	107	106	104
WG1365225-2 LCS	11:07:38	110	116	116	112	110
R1308924-6 CCV	11:43:23	120	136	121	112	111
R1308924-7 CCB	11:48:33	112	115	111	106	104
L2017383-03	12:28:49	103	119	122	113	108
R1308924-8 CCV	12:49:14	100	113	117	107	111
R1308924-9 CCB	12:54:23	92	92	107	102	104
L2017383-01	13:19:59	136	138	132	116	111
L2017383-02	13:25:06	134	140	136	120	116
L2017383-04	13:30:12	125	130	130	121	120
R1308924-10 CCV	13:52:48	119	130	128	119	121
R1308924-11 CCB	13:57:59	110	108	116	109	112

Run Logs

Form 13
Analysis Run Log

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: ICPMSQ2	**Analysis Method**	: 1,6020B
Start Date	: 05/01/20 09:22	**End Date**	: 05/01/20 13:57

Sample Number	Dilution Factor	Analysis Time	Arsenic, Total	Iron, Total
R1308924-14 TUNE		09:22:00		
R1308924-1 ICV	1	10:16:17	X	X
R1308924-2 ICB	1	10:21:25	X	X
R1308924-3 ICSA	1	10:31:45	X	X
R1308924-4 CCV	1	10:42:00	X	X
R1308924-5 CCB	1	10:47:10	X	X
WG1365225-1 BLANK	1	10:52:20	X	X
WG1365225-2 LCS	5	11:07:38	X	X
R1308924-6 CCV	1	11:43:23	X	X
R1308924-7 CCB	1	11:48:33	X	X
L2017383-03	1	12:28:49	X	X
R1308924-8 CCV	1	12:49:14	X	X
R1308924-9 CCB	1	12:54:23	X	X
L2017383-01	1	13:19:59	X	X
L2017383-02	1	13:25:06	X	X
L2017383-04	1	13:30:12	X	X
R1308924-10 CCV	1	13:52:48	X	X
R1308924-11 CCB	1	13:57:59	X	X

Digestion Logs
ICPMS

Form 12
Preparation Log

Client	:	**Lisko Environmental, LLC**	**Lab Number**	:	**L2017383**
Project Name	:	**PISTOIA TIRE CO INC.**	**Project Number**	:	**0064-4**
Matrix	:	**WATER**	**Prep Method**	:	**EPA 3005A**

Sample Number	Preparation Date	Weight (gram)	Volume (mL)
L2017383-01	04/28/20 11:37	-	50
L2017383-02	04/28/20 11:37	-	50
L2017383-03	04/28/20 11:37	-	50
L2017383-04	04/28/20 11:37	-	50
WG1365225-1	04/28/20 11:37	-	50
WG1365225-2	04/28/20 11:37	-	50

Wet Chemistry

Sulfate Analysis

Results Summary

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/29/20 08:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: MV
Lab File ID	: WG1365476.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 04/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	10000	1400	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/29/20 08:56
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,9038	**Analyst**	: MV
Lab File ID	: WG1365476.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 04/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	20000	2700	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/29/20 08:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: MV
Lab File ID	: WG1365476.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 04/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	10000	1400	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/29/20 08:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: MV
Lab File ID	: WG1365476.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 04/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	14000	10000	1400	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1365476-1	**Date Collected**	: NA
Client ID	: WG1365476-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/29/20 08:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: MV
Lab File ID	: WG1365476.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 04/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	10000	1400	U

Calibration Summary

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SPEC 2	**Units**	: mg/l

		Initial Calibration			Continuing Calibration(s)						
Lab ID	:	R1308056-2			R1308056-3						
Date Analyzed	:	04/29/20 08:56			04/29/20 08:56						
Parameter		**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Sulfate		20.000	18.900	94	20.000	18.600	93				

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: SPEC 2		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:	R1308056-1		R1308056-4						WG1365476-1	
Date Analyzed	:	04/29/20 08:56		04/29/20 08:56						04/29/20 08:56	
Parameter		mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q	ug/l	Q
Sulfate		1.37	U	1.37	U					1400	U

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1365476-2	**LCS Analysis Date**	: 04/29/20 08:56
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
	True	Found	%R	True	Found	%R	RPD	Recovery	RPD
Parameter	(ug/l)	(ug/l)		(ug/l)	(ug/l)			Limits	Limit
Sulfate	20000	19000	95.					90-110	14

Nitrate and Nitrite Analysis

Results Summary

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:18
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	39.6	50.0	13.2	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:24
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	40.4	50.0	13.2	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	50.4	50.0	13.2	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	ND	50.0	13.2	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1365086-1	**Date Collected**	: NA
Client ID	: WG1365086-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/28/20 06:15
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	ND	50.0	13.2	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1365086-3	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1DUP	**Date Received**	: 04/27/20
Sample Location	:	**Date Analyzed**	: 04/28/20 07:22
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	ND	50.0	13.2	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:18
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	383.	100	22.8	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:24
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	308.	100	22.8	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:26
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	544.	100	22.8	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/28/20 07:31
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	44.8	100	22.8	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1365085-1	**Date Collected**	: NA
Client ID	: WG1365085-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/28/20 06:12
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	ND	100	22.8	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1365085-3	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1DUP	**Date Received**	: 04/27/20
Sample Location	:	**Date Analyzed**	: 04/28/20 07:19
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: OM_4-28-2020_05-40-19AM-C	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	344.	100	22.8	

Calibration Summary

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT	**Units**	: mg/l

		Initial Calibration			Continuing Calibration(s)						
Lab ID	:	R1307645-5			R1307645-10			R1307645-16		R1307645-19	
Date Analyzed	:	04/28/20 06:04			04/28/20 06:19			04/28/20 06:55		04/28/20 07:28	
Parameter		**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
No2		5.000	5.000	100	1.000	1.030	103	1.020	102	1.020	102

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT	**Units**	: mg/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1307645-22						
Date Analyzed :				04/28/20 07:45						
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
No2				1.000	1.030	103				

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT	**Units**	: mg/l

		Initial Calibration			Continuing Calibration(s)						
Lab ID	:	R1307645-6			R1307645-9			R1307645-15		R1307645-18	
Date Analyzed	:	04/28/20 06:05			04/28/20 06:17			04/28/20 06:53		04/28/20 07:27	
Parameter		**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
No3		0.500	0.498	100	1.000	0.949	95	0.946	95	0.969	97

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT	**Units**	: mg/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1307645-21						
Date Analyzed :				04/28/20 07:44						
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
No3				1.000	0.916	92				

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT4		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :	R1307645-8		R1307645-11		R1307645-17		R1307645-20		WG1365086-1	
Date Analyzed :	04/28/20 06:08		04/28/20 06:20		04/28/20 06:56		04/28/20 07:30		04/28/20 06:15	
Parameter	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q	ug/l	Q
Nitrogen, Nitrite									13.2	U
NO2	0.00593		0.00556		0.00534		0.00497			
NO3	ND		0.00750		ND		ND			

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT4		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1307645-23							
Date Analyzed :			04/28/20 07:46							
Parameter	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q		Q
NO2			0.0105							
NO3			ND							

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT4		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:	R1307645-8		R1307645-11		R1307645-17		R1307645-20		WG1365085-1	
Date Analyzed	:	04/28/20 06:08		04/28/20 06:20		04/28/20 06:56		04/28/20 07:30		04/28/20 06:12	
Parameter		mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q	ug/l	Q
Nitrogen, Nitrate										22.8	U
NO2		0.00593		0.00556		0.00534		0.00497			
NO3		ND		0.00750		ND		ND			

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	: LACHAT4		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1307645-23							
Date Analyzed :			04/28/20 07:46							
Parameter	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q		Q
NO2			0.0105							
NO3			ND							

Spike Sample Results

Form 5a
Matrix Spike

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: MW-1	**Matrix**	: WATER
Lab Sample ID	: L2017383-01		
Matrix Spike	: WG1365086-4	**MS Analysis Date**	: 04/28/20 07:23
Matrix Spike Dup	:	**MSD Analysis Date**	:

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	**Sample Conc. (ug/l)**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Nitrogen, Nitrite	**39.6J**	**4000**	**4090**	**102**					**80-120**	**20**

Form 5a
Matrix Spike

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: MW-1	**Matrix**	: WATER
Lab Sample ID	: L2017383-01		
Matrix Spike	: WG1365085-4	**MS Analysis Date**	: 04/28/20 07:20
Matrix Spike Dup	:	**MSD Analysis Date**	:

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	**Sample Conc. (ug/l)**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Nitrogen, Nitrate	**383.**	**4000**	**4160**	**94**					**83-113**	**17**

Duplicate Sample Results Summary

Form 6
Lab Duplicates

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: MW-1	**Matrix**	: WATER
Lab Sample ID	: L2017383-01	**Analysis Date**	: 04/28/20 07:18
Dup Sample ID	: WG1365086-3	**DUP Analysis Date**	: 04/28/20 07:22

Parameter	Sample Concentration (ug/l)	Duplicate Concentration (ug/l)	RPD	RPD Limit
Nitrogen, Nitrite	39.6J	ND	NC	20

Form 6
Lab Duplicates

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: MW-1	**Matrix**	: WATER
Lab Sample ID	: L2017383-01	**Analysis Date**	: 04/28/20 07:18
Dup Sample ID	: WG1365085-3	**DUP Analysis Date**	: 04/28/20 07:19

Parameter	Sample Concentration (ug/l)	Duplicate Concentration (ug/l)	RPD	RPD Limit
Nitrogen, Nitrate	383.	344.	11	17

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1365086-2	**LCS Analysis Date**	: 04/28/20 06:16
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
	True	Found	%R	True	Found	%R	RPD	Recovery	RPD
Parameter	(ug/l)	(ug/l)		(ug/l)	(ug/l)			Limits	Limit
Nitrogen, Nitrite	5000	4960	99.					90-110	20

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1365085-2	**LCS Analysis Date**	: 04/28/20 06:13
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
	True	Found	%R	True	Found	%R	RPD	Recovery	RPD
Parameter	(ug/l)	(ug/l)		(ug/l)	(ug/l)			Limits	Limit
Nitrogen, Nitrate	5000	4880	98.					90-110	17

Alkalinity Analysis

Results Summary

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-01	**Date Collected**	: 04/27/20 08:56
Client ID	: MW-1	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 01:23
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MAC
Lab File ID	: wg1366305.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	69500	2000	NA	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-02	**Date Collected**	: 04/27/20 09:51
Client ID	: MW-2	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 01:23
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MAC
Lab File ID	: wg1366305.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	99600	2000	NA	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-03	**Date Collected**	: 04/27/20 11:41
Client ID	: MW-3	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 01:23
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MAC
Lab File ID	: wg1366305.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	79600	2000	NA	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: L2017383-04	**Date Collected**	: 04/27/20 10:46
Client ID	: MW-4	**Date Received**	: 04/27/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 04/30/20 01:23
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MAC
Lab File ID	: wg1366305.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	42900	2000	NA	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Lab ID	: WG1366305-1	**Date Collected**	: NA
Client ID	: WG1366305-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 04/30/20 01:23
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: MAC
Lab File ID	: wg1366305.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	ND	2000	NA	U

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Instrument ID	:		

		Initial Calibration Blank	Continuing Calibration Blank(s)			Preparation Blank
Lab ID	:					WG1366305-1
Date Analyzed	:					04/30/20 01:23
Parameter		ug caco3/l Q	ug caco3/l Q	ug caco3/l Q	ug caco3/l Q	ug caco3/l Q
Alkalinity, Total						2000 U

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2017383
Project Name	: PISTOIA TIRE CO INC.	**Project Number**	: 0064-4
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1366305-2	**LCS Analysis Date**	: 04/30/20 01:23
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
	True	Found	%R	True	Found	%R	RPD	Recovery	RPD
Parameter	(ug CaCO3/L)	(ug CaCO3/L)		(ug CaCO3/L)	(ug CaCO3/L)			Limits	Limit
Alkalinity, Total	100000	106000	106.					90-110	10

ALPHA ANALYTICAL

World Class Chemistry

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Lab Number: L2039431

Client: Lisko Environmental, LLC

ATTN: Jonathan Lisko

Project Name: PISTOIA TIRE CO

Project Number: 0064-5

ANALYTICAL DATA PACKAGE FOR THE
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON NEW JERSEY 08625

Agency/Division:	**Bureau/Office:**
Project No: 0064-5	**Contract No:**
Laboratory: Alpha Analytical	**Laboratory Location:** Westborough, Ma.
	Laboratory Phone Number: (508) 898-9220
SDG No: L2039431	**NJDEP Certification #:** MA015/MA935
Date of First Sample Receipt: 09/18/2020	**Date of Last Sample Receipt:** 09/18/2020

Agency Sample Number	Laboratory Sample Number	Sample Location	Date/Time of Collection
MW-1	L2039431-01	PISTOIA TIRE CO	09/18/2020 08:36
MW-2	L2039431-02	PISTOIA TIRE CO	09/18/2020 10:51
MW-3	L2039431-03	PISTOIA TIRE CO	09/18/2020 10:42
MW-4	L2039431-04	PISTOIA TIRE CO	09/18/2020 08:27
MW-5	L2039431-05	PISTOIA TIRE CO	09/18/2020 09:32
MW-6	L2039431-06	PISTOIA TIRE CO	09/18/2020 09:41
FIELD BLANK	L2039431-07	PISTOIA TIRE CO	09/18/2020 11:15
TRIP BLANK	L2039431-08	PISTOIA TIRE CO	09/17/2020 00:00

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on disk or electronically has been authorized by the laboratory director or his/her designee, as verified by the following signature.

Technical Director/Representative (Typed)	Melissa Sturgis	09/25/20
Technical Director/Representative (Signature)	Melissa Sturgis	

Table of Contents

Table of Contents

Table of Contents

Chain of Custody

L2039431

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 9/19/20

ALPHA Job #:

Client Information

Client: Lisko Environmental, LLC
Address: 1300 Main St, PO Box 083
Belmar, NJ 07719
Phone:
Fax:
Email: Khalil@liskoenv.com

Project Information

Project Name: Pistola Tire Co
Project Location: 6380 Black Horse Pike, Mays Landing, NJ
Project #
(Use Project name as Project #) ☐
Project Manager: Khalil Abbaszadeh
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐

Regulatory Requirement

☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☑ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Site Information

Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED: ☐ Category 1 ☐ Category 2

For VOC, selection is REQUIRED: ☐ 1,4-Dioxane ☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

Sample Filtration
☐ Done ☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC+15	BN+15	Alkalinity	NO2	NO3	SO4	Fe, As	Sample Specific Comments	Total Bottle
39431 -01	MW-1	9/18/20	836	GW	MS	X	X	X	X	X	X	X		8
-02	MW-2	9/18/20	1051	GW	MS	X	X	X	X	X	X	X		8
-03	MW-3	9/18/20	1042	GW	CB	X	X	X	X	X	X	X		8
-04	MW-4	9/18/20	827	GW	CB	X	X	X	X	X	X	X		8
-05	MW-5	9/18/20	932	GW	CB	X	X	X	X	X	X	X		8
-06	MW-6	9/18/20	941	GW	MS	X	X	X	X	X	X	X		8
-07	Field Blank	9/18/20	1115	FB	CB	X								3
-08	Trip Blank	9/17/20	—	TB	lab	X								2

Container Type	V	A	P	P	P	P	P							
Preservative	B	A	A	A	A	A	C							

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	9/18/20		9-18-20 1830
	9-18-20		9-18-20 1900
	9-18-20 2115		9/18/20 2200
	9/19/20 0225		9/19/20 02:25

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-14 (rev. 30-Sept-2013)

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Sep 25 2020, 04:55 pm

Login Number: L2039431
Account: LISKOENV Lisko Environmental, LLCProject: 0064-5
Received: 18SEP20 Due Date: 25SEP20

Sample #	Client ID	Mat	PR	Collected
L2039431-01	MW-1	S0	1	18SEP20 08:36
| NJ-RED Package Due Date: 09/25/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NJ-RED,NJDEP,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2039431-02	MW-2	S0	1	18SEP20 10:51
| Package Due Date: 09/25/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2039431-03	MW-3	S0	1	18SEP20 10:42
| Package Due Date: 09/25/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2039431-04	MW-4	S0	1	18SEP20 08:27
| Package Due Date: 09/25/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2039431-05	MW-5	S0	1	18SEP20 09:32
| Package Due Date: 09/25/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2039431-06	MW-6	S0	1	18SEP20 09:41
| Package Due Date: 09/25/20				

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Sep 25 2020, 04:55 pm

Login Number: L2039431

Account: LISKOENV Lisko Environmental, LLCProject: 0064-5
Received: 18SEP20 Due Date: 25SEP20

Sample #	Client ID	Mat	PR	Collected

ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB

L2039431-07 FIELD BLANK 1 S0 18SEP20 11:15
| Package Due Date: 09/25/20

NJ-8260

L2039431-08 TRIP BLANK 1 S0 17SEP20 00:00
| Package Due Date: 09/25/20

NJ-8260

Logged By: Nadine Yakes

ALPHA ANALYTICAL LABORATORIES
Container Tracking Report

Container ID	Type	Status	Transaction Date	From Response	From Location	From Operator	To Response	To Location	To Operator
L2039431-01A	Vial-B	INTACT	24-SEP-20	CUSTODY	GC/MS	Jessie Thompson	VOA-DEAD-CUSTODY-300	VOA-DEAD-CUSTODY-300	Jessie Thompson
L2039431-01A	Vial-B	INTACT	24-SEP-20	CUSTODY	V56-16 CUSTODY	Jessie Thompson	GC/MS	GC/MS	Jessie Thompson
L2039431-01A	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V56-16 CUSTODY	V56-16 CUSTODY	Riley Frankian
L2039431-01A	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-01B	Vial-B	INTACT	22-SEP-20	CUSTODY	GC/MS	Robert Pino	VOA-DEAD-CUSTODY-269	VOA-DEAD-CUSTODY-269	Robert Pino
L2039431-01B	Vial-B	INTACT	22-SEP-20	CUSTODY	V37-26 CUSTODY	Robert Pino	GC/MS	GC/MS	Robert Pino
L2039431-01B	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V37-26 CUSTODY	V37-26 CUSTODY	Riley Frankian
L2039431-01B	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-01C	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V65-33 CUSTODY	V65-33 CUSTODY	Riley Frankian
L2039431-01C	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-01D	Plastic-NH.25	INTACT	23-SEP-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W6-S5-B CUSTODY	W6-S5-B CUSTODY	Phillip Renaud
L2039431-01D	Plastic-NH.25	INTACT	23-SEP-20	CUSTODY	WETCHEM	Mitchell Vonachen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Mitchell Vonachen
L2039431-01D	Plastic-NH.25	INTACT	23-SEP-20	CUSTODY	W8-S5-A CUSTODY	Bryce Rashbaum	WETCHEM	WETCHEM	Bryce Rashbaum
L2039431-01D	Plastic-NH.25	INTACT	19-SEP-20	CUSTODY	W8-S5-C CUSTODY	Sam Bardsley	W8-S5-A CUSTODY	W8-S5-A CUSTODY	Sam Bardsley
L2039431-01D	Plastic-NH.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W8-S5-C CUSTODY	W8-S5-C CUSTODY	Riley Frankian
L2039431-01D	Plastic-NH.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-01E	Plastic-A.25	INTACT	21-SEP-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W9-S4-B CUSTODY	W9-S4-B CUSTODY	Phillip Renaud
L2039431-01E	Plastic-A.25	INTACT	21-SEP-20	CUSTODY	WETCHEM	Katherine Parker	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Katherine Parker
L2039431-01E	Plastic-A.25	INTACT	21-SEP-20	CUSTODY	W9-S5-C CUSTODY	Mitchell Vonachen	WETCHEM	WETCHEM	Mitchell Vonachen
L2039431-01E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W9-S5-C CUSTODY	W9-S5-C CUSTODY	Sam Bardsley
L2039431-01E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	WETCHEM	Meghan Mackenzie	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Meghan Mackenzie
L2039431-01E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	CUSTODY	Meghan Mackenzie	WETCHEM	WETCHEM	Meghan Mackenzie
L2039431-01E	Plastic-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-01F	Amber-A.25	EMPTY	22-SEP-20		ORGPREP	Yaw Adu	CUSTODY	CUSTODY	Yaw Adu
L2039431-01F	Amber-A.25	INTACT	22-SEP-20		W23-S5-A CUSTODY	Yaw Adu	ORGPREP	ORGPREP	Yaw Adu

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2039431-01F	Amber-A.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W23-S5-A CUSTODY	W23-S5-A CUSTODY	Riley Frankian
L2039431-01F	Amber-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-01G	Amber-A.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W23-S5-A CUSTODY	W23-S5-A CUSTODY	Riley Frankian
L2039431-01G	Amber-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-01H	Plastic-C.25	INTACT	25-SEP-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Lily Fisher	A2-CUSTODY-WH-9D	A2-CUSTODY-WH-9D	Lily Fisher
L2039431-01H	Plastic-C.25	INTACT	21-SEP-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Sam Oldrid	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Sam Oldrid
L2039431-01H	Plastic-C.25	INTACT	19-SEP-20	TRANSIT COURIER	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebeau	A2-CUSTODY	A2-CUSTODY	Sam Bardsley
L2039431-01H	Plastic-C.25	INTACT	19-SEP-20	COOLER32-TRANSFER_TO_MANSFIELD	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebeau	TRANSIT COURIER	COOLER32-TRANSFER_TO_MANSFI	
L2039431-01H	Plastic-C.25	INTACT	19-SEP-20		CUSTODY	Chris Tebeau	COOLER32-TRANSFER_TO_MANSFIELD	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebea
L2039431-01H	Plastic-C.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-02A	Vial-B	INTACT	24-SEP-20	CUSTODY	GC/MS	Jessie Thompson	VOA-DEAD-CUSTODY-300	VOA-DEAD-CUSTODY-300	Jessie Thompson
L2039431-02A	Vial-B	INTACT	24-SEP-20	CUSTODY	V56-16 CUSTODY	Jessie Thompson	GC/MS	GC/MS	Jessie Thompson
L2039431-02A	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V56-16 CUSTODY	V56-16 CUSTODY	Riley Frankian
L2039431-02A	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-02B	Vial-B	INTACT	22-SEP-20	CUSTODY	GC/MS	Robert Pino	VOA-DEAD-CUSTODY-269	VOA-DEAD-CUSTODY-269	Robert Pino
L2039431-02B	Vial-B	INTACT	22-SEP-20	CUSTODY	V37-26 CUSTODY	Robert Pino	GC/MS	GC/MS	Robert Pino
L2039431-02B	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V37-26 CUSTODY	V37-26 CUSTODY	Riley Frankian
L2039431-02B	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-02C	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V65-19 CUSTODY	V65-19 CUSTODY	Riley Frankian
L2039431-02C	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-02D	Plastic-NH.25	INTACT	23-SEP-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W6-S5-B CUSTODY	W6-S5-B CUSTODY	Phillip Renaud
L2039431-02D	Plastic-NH.25	INTACT	23-SEP-20	CUSTODY	WETCHEM	Mitchell Vonachen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Mitchell Vonachen
L2039431-02D	Plastic-NH.25	INTACT	23-SEP-20	CUSTODY	W8-S5-A CUSTODY	Bryce Rashbaum	WETCHEM	WETCHEM	Bryce Rashbaum
L2039431-02D	Plastic-NH.25	INTACT	19-SEP-20	CUSTODY	W8-S5-C CUSTODY	Sam Bardsley	W8-S5-A CUSTODY	W8-S5-A CUSTODY	Sam Bardsley
L2039431-02D	Plastic-NH.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W8-S5-C CUSTODY	W8-S5-C CUSTODY	Riley Frankian

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2039431-02D	Plastic-NH.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-02E	Plastic-A.25	INTACT	21-SEP-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W9-S4-B CUSTODY	W9-S4-B CUSTODY	Phillip Renaud
L2039431-02E	Plastic-A.25	INTACT	21-SEP-20	CUSTODY	WETCHEM	Katherine Parker	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Katherine Parker
L2039431-02E	Plastic-A.25	INTACT	21-SEP-20	CUSTODY	W9-S5-C CUSTODY	Mitchell Vonachen	WETCHEM	WETCHEM	Mitchell Vonachen
L2039431-02E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W9-S5-C CUSTODY	W9-S5-C CUSTODY	Sam Bardsley
L2039431-02E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	WETCHEM	Meghan Mackenzie	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Meghan Mackenzie
L2039431-02E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	CUSTODY	Meghan Mackenzie	WETCHEM	WETCHEM	Meghan Mackenzie
L2039431-02E	Plastic-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-02F	Amber-A.25	EMPTY	24-SEP-20		ORGPREP	Isaac Bamfo	CUSTODY	CUSTODY	Isaac Bamfo
L2039431-02F	Amber-A.25	INTACT	24-SEP-20		W23-S5-A CUSTODY	Francis Mbro-Menyah	ORGPREP	ORGPREP	Francis Mbro-Menyah
L2039431-02F	Amber-A.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W23-S5-A CUSTODY	W23-S5-A CUSTODY	Riley Frankian
L2039431-02F	Amber-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-02G	Amber-A.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W23-S5-A CUSTODY	W23-S5-A CUSTODY	Riley Frankian
L2039431-02G	Amber-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-02H	Plastic-C.25	INTACT	25-SEP-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Lily Fisher	A2-CUSTODY-WH-9D	A2-CUSTODY-WH-9D	Lily Fisher
L2039431-02H	Plastic-C.25	INTACT	21-SEP-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Sam Oldrid	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Sam Oldrid
L2039431-02H	Plastic-C.25	INTACT	19-SEP-20	TRANSIT COURIER	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebeau	A2-CUSTODY	A2-CUSTODY	Sam Bardsley
L2039431-02H	Plastic-C.25	INTACT	19-SEP-20	COOLER32-TRANSFER_TO_MANSFIELD	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebeau	TRANSIT COURIER	COOLER32-TRANSFER_TO_MANSFI	
L2039431-02H	Plastic-C.25	INTACT	19-SEP-20		CUSTODY	Chris Tebeau	COOLER32-TRANSFER_TO_MANSFIELD	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebea
L2039431-02H	Plastic-C.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-03A	Vial-B	INTACT	24-SEP-20	CUSTODY	GC/MS	Jessie Thompson	VOA-DEAD-CUSTODY-300	VOA-DEAD-CUSTODY-300	Jessie Thompson
L2039431-03A	Vial-B	INTACT	24-SEP-20	CUSTODY	V56-05 CUSTODY	Jessie Thompson	GC/MS	GC/MS	Jessie Thompson
L2039431-03A	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V56-05 CUSTODY	V56-05 CUSTODY	Riley Frankian
L2039431-03A	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-03B	Vial-B	INTACT	22-SEP-20	CUSTODY	GC/MS	Robert Pino	VOA-DEAD-CUSTODY-269	VOA-DEAD-CUSTODY-269	Robert Pino

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2039431-03B	Vial-B	INTACT	22-SEP-20	CUSTODY	V37-26 CUSTODY	Robert Pino	GC/MS	GC/MS	Robert Pino
L2039431-03B	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V37-26 CUSTODY	V37-26 CUSTODY	Riley Frankian
L2039431-03B	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-03C	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V65-19 CUSTODY	V65-19 CUSTODY	Riley Frankian
L2039431-03C	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-03D	Plastic-NH.25	INTACT	23-SEP-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W9-S4-D CUSTODY	W9-S4-D CUSTODY	Phillip Renaud
L2039431-03D	Plastic-NH.25	INTACT	23-SEP-20	CUSTODY	WETCHEM	Mitchell Vonachen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Mitchell Vonachen
L2039431-03D	Plastic-NH.25	INTACT	23-SEP-20	CUSTODY	W8-S5-A CUSTODY	Bryce Rashbaum	WETCHEM	WETCHEM	Bryce Rashbaum
L2039431-03D	Plastic-NH.25	INTACT	19-SEP-20	CUSTODY	W8-S5-C CUSTODY	Sam Bardsley	W8-S5-A CUSTODY	W8-S5-A CUSTODY	Sam Bardsley
L2039431-03D	Plastic-NH.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W8-S5-C CUSTODY	W8-S5-C CUSTODY	Riley Frankian
L2039431-03D	Plastic-NH.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-03E	Plastic-A.25	INTACT	21-SEP-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W9-S4-B CUSTODY	W9-S4-B CUSTODY	Phillip Renaud
L2039431-03E	Plastic-A.25	INTACT	21-SEP-20	CUSTODY	WETCHEM	Katherine Parker	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Katherine Parker
L2039431-03E	Plastic-A.25	INTACT	21-SEP-20	CUSTODY	W9-S5-C CUSTODY	Mitchell Vonachen	WETCHEM	WETCHEM	Mitchell Vonachen
L2039431-03E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W9-S5-C CUSTODY	W9-S5-C CUSTODY	Sam Bardsley
L2039431-03E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	WETCHEM	Meghan Mackenzie	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Meghan Mackenzie
L2039431-03E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	CUSTODY	Meghan Mackenzie	WETCHEM	WETCHEM	Meghan Mackenzie
L2039431-03E	Plastic-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-03F	Amber-A.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W23-S5-A CUSTODY	W23-S5-A CUSTODY	Riley Frankian
L2039431-03F	Amber-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-03G	Amber-A.25	EMPTY	24-SEP-20		ORGPREP	Isaac Bamfo	CUSTODY	CUSTODY	Isaac Bamfo
L2039431-03G	Amber-A.25	INTACT	24-SEP-20		W23-S5-A CUSTODY	Francis Mbro-Menyah	ORGPREP	ORGPREP	Francis Mbro-Menyah
L2039431-03G	Amber-A.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W23-S5-A CUSTODY	W23-S5-A CUSTODY	Riley Frankian
L2039431-03G	Amber-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-03H	Plastic-C.25	INTACT	25-SEP-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Lily Fisher	A2-CUSTODY-WH-9D	A2-CUSTODY-WH-9D	Lily Fisher

Container ID	Type	Status	Transaction Date	From Response	From Location	From Operator	To Response	To Location	To Operator
L2039431-03H	Plastic-C.25	INTACT	21-SEP-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Sam Oldrid	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Sam Oldrid
L2039431-03H	Plastic-C.25	INTACT	19-SEP-20	TRANSIT COURIER	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebeau	A2-CUSTODY	A2-CUSTODY	Sam Bardsley
L2039431-03H	Plastic-C.25	INTACT	19-SEP-20	COOLER32-TRANSFER_TO_MANSFIELD	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebeau	TRANSIT COURIER	COOLER32-TRANSFER_TO_MANSFI	
L2039431-03H	Plastic-C.25	INTACT	19-SEP-20		CUSTODY	Chris Tebeau	COOLER32-TRANSFER_TO_MANSFIELD	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebea
L2039431-03H	Plastic-C.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-04A	Vial-B	INTACT	24-SEP-20	CUSTODY	GC/MS	Jessie Thompson	VOA-DEAD-CUSTODY-300	VOA-DEAD-CUSTODY-300	Jessie Thompson
L2039431-04A	Vial-B	INTACT	24-SEP-20	CUSTODY	V56-05 CUSTODY	Jessie Thompson	GC/MS	GC/MS	Jessie Thompson
L2039431-04A	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V56-05 CUSTODY	V56-05 CUSTODY	Riley Frankian
L2039431-04A	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-04B	Vial-B	INTACT	22-SEP-20	CUSTODY	GC/MS	Robert Pino	VOA-DEAD-CUSTODY-269	VOA-DEAD-CUSTODY-269	Robert Pino
L2039431-04B	Vial-B	INTACT	22-SEP-20	CUSTODY	V37-35 CUSTODY	Robert Pino	GC/MS	GC/MS	Robert Pino
L2039431-04B	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V37-35 CUSTODY	V37-35 CUSTODY	Riley Frankian
L2039431-04B	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-04C	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V65-19 CUSTODY	V65-19 CUSTODY	Riley Frankian
L2039431-04C	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-04D	Plastic-NH.25	INTACT	23-SEP-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W9-S4-D CUSTODY	W9-S4-D CUSTODY	Phillip Renaud
L2039431-04D	Plastic-NH.25	INTACT	23-SEP-20	CUSTODY	WETCHEM	Mitchell Vonachen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Mitchell Vonachen
L2039431-04D	Plastic-NH.25	INTACT	23-SEP-20	CUSTODY	W8-S5-A CUSTODY	Bryce Rashbaum	WETCHEM	WETCHEM	Bryce Rashbaum
L2039431-04D	Plastic-NH.25	INTACT	19-SEP-20	CUSTODY	W8-S5-C CUSTODY	Sam Bardsley	W8-S5-A CUSTODY	W8-S5-A CUSTODY	Sam Bardsley
L2039431-04D	Plastic-NH.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W8-S5-C CUSTODY	W8-S5-C CUSTODY	Riley Frankian
L2039431-04D	Plastic-NH.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-04E	Plastic-A.25	INTACT	21-SEP-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W9-S4-B CUSTODY	W9-S4-B CUSTODY	Phillip Renaud
L2039431-04E	Plastic-A.25	INTACT	21-SEP-20	CUSTODY	WETCHEM	Katherine Parker	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Katherine Parker
L2039431-04E	Plastic-A.25	INTACT	21-SEP-20	CUSTODY	W9-S5-C CUSTODY	Mitchell Vonachen	WETCHEM	WETCHEM	Mitchell Vonachen
L2039431-04E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W9-S5-C CUSTODY	W9-S5-C CUSTODY	Sam Bardsley

Container ID	Type	Status	Transaction Date	From Response	Location	Operator	To Response	Location	Operator
L2039431-04E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	WETCHEM	Meghan Mackenzie	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Meghan Mackenzie
L2039431-04E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	CUSTODY	Meghan Mackenzie	WETCHEM	WETCHEM	Meghan Mackenzie
L2039431-04E	Plastic-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-04F	Amber-A.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W23-S5-A CUSTODY	W23-S5-A CUSTODY	Riley Frankian
L2039431-04F	Amber-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-04G	Amber-A.25	EMPTY	24-SEP-20		ORGPREP	Isaac Bamfo	CUSTODY	CUSTODY	Isaac Bamfo
L2039431-04G	Amber-A.25	INTACT	24-SEP-20		W23-S5-A CUSTODY	Francis Mbro-Menyah	ORGPREP	ORGPREP	Francis Mbro-Menyah
L2039431-04G	Amber-A.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W23-S5-A CUSTODY	W23-S5-A CUSTODY	Riley Frankian
L2039431-04G	Amber-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-04H	Plastic-C.25	INTACT	25-SEP-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Lily Fisher	A2-CUSTODY-WH-9D	A2-CUSTODY-WH-9D	Lily Fisher
L2039431-04H	Plastic-C.25	INTACT	21-SEP-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Sam Oldrid	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Sam Oldrid
L2039431-04H	Plastic-C.25	INTACT	19-SEP-20	TRANSIT COURIER	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebeau	A2-CUSTODY	A2-CUSTODY	Sam Bardsley
L2039431-04H	Plastic-C.25	INTACT	19-SEP-20	COOLER32-TRANSFER_TO_MANSFIELD	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebeau	TRANSIT COURIER	COOLER32-TRANSFER_TO_MANSFI	
L2039431-04H	Plastic-C.25	INTACT	19-SEP-20		CUSTODY	Chris Tebeau	COOLER32-TRANSFER_TO_MANSFIELD	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebea
L2039431-04H	Plastic-C.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-05A	Vial-B	INTACT	24-SEP-20	CUSTODY	GC/MS	Jessie Thompson	VOA-DEAD-CUSTODY-300	VOA-DEAD-CUSTODY-300	Jessie Thompson
L2039431-05A	Vial-B	INTACT	24-SEP-20	CUSTODY	V56-05 CUSTODY	Jessie Thompson	GC/MS	GC/MS	Jessie Thompson
L2039431-05A	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V56-05 CUSTODY	V56-05 CUSTODY	Riley Frankian
L2039431-05A	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-05B	Vial-B	INTACT	22-SEP-20	CUSTODY	GC/MS	Robert Pino	VOA-DEAD-CUSTODY-269	VOA-DEAD-CUSTODY-269	Robert Pino
L2039431-05B	Vial-B	INTACT	22-SEP-20	CUSTODY	V37-35 CUSTODY	Robert Pino	GC/MS	GC/MS	Robert Pino
L2039431-05B	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V37-35 CUSTODY	V37-35 CUSTODY	Riley Frankian
L2039431-05B	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-05C	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V65-19 CUSTODY	V65-19 CUSTODY	Riley Frankian
L2039431-05C	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2039431-05D	Plastic-NH.25	INTACT	23-SEP-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W9-S5-A CUSTODY	W9-S5-A CUSTODY	Phillip Renaud
L2039431-05D	Plastic-NH.25	INTACT	23-SEP-20	CUSTODY	WETCHEM	Mitchell Vonachen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Mitchell Vonachen
L2039431-05D	Plastic-NH.25	INTACT	23-SEP-20	CUSTODY	W8-S5-A CUSTODY	Bryce Rashbaum	WETCHEM	WETCHEM	Bryce Rashbaum
L2039431-05D	Plastic-NH.25	INTACT	19-SEP-20	CUSTODY	W8-S5-C CUSTODY	Sam Bardsley	W8-S5-A CUSTODY	W8-S5-A CUSTODY	Sam Bardsley
L2039431-05D	Plastic-NH.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W8-S5-C CUSTODY	W8-S5-C CUSTODY	Riley Frankian
L2039431-05D	Plastic-NH.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-05E	Plastic-A.25	INTACT	21-SEP-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W9-S4-B CUSTODY	W9-S4-B CUSTODY	Phillip Renaud
L2039431-05E	Plastic-A.25	INTACT	21-SEP-20	CUSTODY	WETCHEM	Katherine Parker	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Katherine Parker
L2039431-05E	Plastic-A.25	INTACT	21-SEP-20	CUSTODY	W9-S5-C CUSTODY	Mitchell Vonachen	WETCHEM	WETCHEM	Mitchell Vonachen
L2039431-05E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W9-S5-C CUSTODY	W9-S5-C CUSTODY	Sam Bardsley
L2039431-05E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	WETCHEM	Meghan Mackenzie	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Meghan Mackenzie
L2039431-05E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	CUSTODY	Meghan Mackenzie	WETCHEM	WETCHEM	Meghan Mackenzie
L2039431-05E	Plastic-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-05F	Amber-A.25	EMPTY	24-SEP-20		ORGPREP	Isaac Bamfo	CUSTODY	CUSTODY	Isaac Bamfo
L2039431-05F	Amber-A.25	INTACT	24-SEP-20		W23-S5-A CUSTODY	Francis Mbro-Menyah	ORGPREP	ORGPREP	Francis Mbro-Menyah
L2039431-05F	Amber-A.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W23-S5-A CUSTODY	W23-S5-A CUSTODY	Riley Frankian
L2039431-05F	Amber-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-05G	Amber-A.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W23-S5-A CUSTODY	W23-S5-A CUSTODY	Riley Frankian
L2039431-05G	Amber-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-05H	Plastic-C.25	INTACT	25-SEP-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Lily Fisher	A2-CUSTODY-WH-9D	A2-CUSTODY-WH-9D	Lily Fisher
L2039431-05H	Plastic-C.25	INTACT	21-SEP-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Sam Oldrid	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Sam Oldrid
L2039431-05H	Plastic-C.25	INTACT	19-SEP-20	TRANSIT COURIER	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebeau	A2-CUSTODY	A2-CUSTODY	Sam Bardsley
L2039431-05H	Plastic-C.25	INTACT	19-SEP-20	COOLER32-TRANSFER_TO_MANSFIELD	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebeau	TRANSIT COURIER	COOLER32-TRANSFER_TO_MANSFI	
L2039431-05H	Plastic-C.25	INTACT	19-SEP-20		CUSTODY	Chris Tebeau	COOLER32-TRANSFER_TO_MANSFIELD	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebea
L2039431-05H	Plastic-C.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2039431-06A	Vial-B	INTACT	24-SEP-20	CUSTODY	GC/MS	Jessie Thompson	VOA-DEAD-CUSTODY-300	VOA-DEAD-CUSTODY-300	Jessie Thompson
L2039431-06A	Vial-B	INTACT	24-SEP-20	CUSTODY	V56-05 CUSTODY	Jessie Thompson	GC/MS	GC/MS	Jessie Thompson
L2039431-06A	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V56-05 CUSTODY	V56-05 CUSTODY	Riley Frankian
L2039431-06A	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-06B	Vial-B	INTACT	22-SEP-20	CUSTODY	GC/MS	Robert Pino	VOA-DEAD-CUSTODY-269	VOA-DEAD-CUSTODY-269	Robert Pino
L2039431-06B	Vial-B	INTACT	22-SEP-20	CUSTODY	V37-35 CUSTODY	Robert Pino	GC/MS	GC/MS	Robert Pino
L2039431-06B	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V37-35 CUSTODY	V37-35 CUSTODY	Riley Frankian
L2039431-06B	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-06C	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V65-19 CUSTODY	V65-19 CUSTODY	Riley Frankian
L2039431-06C	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-06D	Plastic-NH.25	INTACT	23-SEP-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W9-S5-A CUSTODY	W9-S5-A CUSTODY	Phillip Renaud
L2039431-06D	Plastic-NH.25	INTACT	23-SEP-20	CUSTODY	WETCHEM	Mitchell Vonachen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Mitchell Vonachen
L2039431-06D	Plastic-NH.25	INTACT	23-SEP-20	CUSTODY	W8-S5-A CUSTODY	Bryce Rashbaum	WETCHEM	WETCHEM	Bryce Rashbaum
L2039431-06D	Plastic-NH.25	INTACT	19-SEP-20	CUSTODY	W8-S5-C CUSTODY	Sam Bardsley	W8-S5-A CUSTODY	W8-S5-A CUSTODY	Sam Bardsley
L2039431-06D	Plastic-NH.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W8-S5-C CUSTODY	W8-S5-C CUSTODY	Riley Frankian
L2039431-06D	Plastic-NH.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-06E	Plastic-A.25	INTACT	21-SEP-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W9-S4-B CUSTODY	W9-S4-B CUSTODY	Phillip Renaud
L2039431-06E	Plastic-A.25	INTACT	21-SEP-20	CUSTODY	WETCHEM	Katherine Parker	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Katherine Parker
L2039431-06E	Plastic-A.25	INTACT	21-SEP-20	CUSTODY	W9-S5-C CUSTODY	Mitchell Vonachen	WETCHEM	WETCHEM	Mitchell Vonachen
L2039431-06E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	RETURN WALK-IN CUSTODY	Sam Bardsley	W9-S5-C CUSTODY	W9-S5-C CUSTODY	Sam Bardsley
L2039431-06E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	WETCHEM	Meghan Mackenzie	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Meghan Mackenzie
L2039431-06E	Plastic-A.25	INTACT	19-SEP-20	CUSTODY	CUSTODY	Meghan Mackenzie	WETCHEM	WETCHEM	Meghan Mackenzie
L2039431-06E	Plastic-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-06F	Amber-A.25	EMPTY	24-SEP-20		ORGPREP	Isaac Bamfo	CUSTODY	CUSTODY	Isaac Bamfo
L2039431-06F	Amber-A.25	INTACT	24-SEP-20		W23-S5-A CUSTODY	Francis Mbro-Menyah	ORGPREP	ORGPREP	Francis Mbro-Menyah

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2039431-06F	Amber-A.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W23-S5-A CUSTODY	W23-S5-A CUSTODY	Riley Frankian
L2039431-06F	Amber-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-06G	Amber-A.25	INTACT	19-SEP-20		CUSTODY	Riley Frankian	W23-S5-A CUSTODY	W23-S5-A CUSTODY	Riley Frankian
L2039431-06G	Amber-A.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-06H	Plastic-C.25	INTACT	25-SEP-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Lily Fisher	A2-CUSTODY-WH-9D	A2-CUSTODY-WH-9D	Lily Fisher
L2039431-06H	Plastic-C.25	INTACT	21-SEP-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Sam Oldrid	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Sam Oldrid
L2039431-06H	Plastic-C.25	INTACT	19-SEP-20	TRANSIT COURIER	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebeau	A2-CUSTODY	A2-CUSTODY	Sam Bardsley
L2039431-06H	Plastic-C.25	INTACT	19-SEP-20	COOLER32-TRANSFER_TO_MANSFIELD	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebeau	TRANSIT COURIER	COOLER32-TRANSFER_TO_MANSFI	
L2039431-06H	Plastic-C.25	INTACT	19-SEP-20		CUSTODY	Chris Tebeau	COOLER32-TRANSFER_TO_MANSFIELD	COOLER32-TRANSFER_TO_MANSFIELD	Chris Tebea
L2039431-06H	Plastic-C.25	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-07A	Vial-B	INTACT	24-SEP-20	CUSTODY	GC/MS	Kevin Deppel	VOA-DEAD-CUSTODY-299	VOA-DEAD-CUSTODY-299	Kevin Deppel
L2039431-07A	Vial-B	INTACT	24-SEP-20	CUSTODY	V56-05 CUSTODY	Jessie Thompson	GC/MS	GC/MS	Jessie Thompson
L2039431-07A	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V56-05 CUSTODY	V56-05 CUSTODY	Riley Frankian
L2039431-07A	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-07B	Vial-B	INTACT	25-SEP-20		V37-35 CUSTODY	Riley Frankian	V37-34 CUSTODY	V37-34 CUSTODY	Riley Frankian
L2039431-07B	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V37-35 CUSTODY	V37-35 CUSTODY	Riley Frankian
L2039431-07B	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-07C	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V65-19 CUSTODY	V65-19 CUSTODY	Riley Frankian
L2039431-07C	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-08A	Vial-B	INTACT	24-SEP-20	CUSTODY	GC/MS	Kevin Deppel	VOA-DEAD-CUSTODY-299	VOA-DEAD-CUSTODY-299	Kevin Deppel
L2039431-08A	Vial-B	INTACT	24-SEP-20	CUSTODY	V56-05 CUSTODY	Jessie Thompson	GC/MS	GC/MS	Jessie Thompson
L2039431-08A	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V56-05 CUSTODY	V56-05 CUSTODY	Riley Frankian
L2039431-08A	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford
L2039431-08B	Vial-B	INTACT	19-SEP-20		CUSTODY	Riley Frankian	V65-19 CUSTODY	V65-19 CUSTODY	Riley Frankian
L2039431-08B	Vial-B	INTACT	19-SEP-20	LOGIN	LOGIN	Shaniya Langford	CUSTODY	CUSTODY	Shaniya Langford

Methodology Review

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Laboratory Chronicle

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2039431-01A	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-01B	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-01C	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-01D	Plastic 250ml unpreserved/No Headspace	A	NA		2.8	Y	Absent		ALK-T-2320-PPB(14)
L2039431-01E	Plastic 250ml unpreserved	A	7	7	2.8	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2039431-01F	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2039431-01G	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2039431-01H	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2039431-02A	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-02B	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-02C	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-02D	Plastic 250ml unpreserved/No Headspace	A	NA		2.8	Y	Absent		ALK-T-2320-PPB(14)
L2039431-02E	Plastic 250ml unpreserved	A	7	7	2.8	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2039431-02F	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2039431-02G	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2039431-02H	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2039431-03A	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-03B	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-03C	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-03D	Plastic 250ml unpreserved/No Headspace	A	NA		2.8	Y	Absent		ALK-T-2320-PPB(14)
L2039431-03E	Plastic 250ml unpreserved	A	7	7	2.8	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2039431-03F	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2039431-03G	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2039431-03H	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2039431-04A	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-04B	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-04C	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-04D	Plastic 250ml unpreserved/No Headspace	A	NA		2.8	Y	Absent		ALK-T-2320-PPB(14)
L2039431-04E	Plastic 250ml unpreserved	A	7	7	2.8	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2039431-04F	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2039431-04G	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2039431-04H	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2039431-05A	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-05B	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-05C	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-05D	Plastic 250ml unpreserved/No Headspace	A	NA		2.8	Y	Absent		ALK-T-2320-PPB(14)
L2039431-05E	Plastic 250ml unpreserved	A	7	7	2.8	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2039431-05F	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2039431-05G	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2039431-05H	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2039431-06A	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-06B	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-06C	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-06D	Plastic 250ml unpreserved/No Headspace	A	NA		2.8	Y	Absent		ALK-T-2320-PPB(14)
L2039431-06E	Plastic 250ml unpreserved	A	7	7	2.8	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2039431-06F	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2039431-06G	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2039431-06H	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2039431-07A	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2039431-07B	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-07C	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-08A	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)
L2039431-08B	Vial HCl preserved	A	NA		2.8	Y	Absent		NJ-8260(14)

*Values in parentheses indicate holding time in days

NJ DEP
Data of Known Quality Protocols
Conformance/Non-Conformance
Summary Questionnaire

NJ DEP Data of Known Quality Protocols
Conformance/Non-Conformance
Summary Questionnaire

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	YES
1a	Were the method specified handling, preservation, and holding time requirements met?	YES
1b	EPH Method: Was the EPH Method conducted without significant modifications (see Section 11.3 of respective DKQ methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (4 ± 2° C)?	YES
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	NO
5a	Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?	YES
5b	Were these reporting limits met?	NO
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	YES
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	NO

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1a or #1b is "No", the data package does not meet the requirements for "Data of Known Quality".

Conformance/Non-Conformance Summary

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

DKQP Related Narratives

Sample Receipt

The project number was specified by the client.

Volatile Organics

In reference to question 5b:

L2039431-01 through -08: One or more of the target analytes did not achieve the requested regulatory limits.

In reference to question 4:

WG1414337-3/-4: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Please refer to the QC section of the report for specific details.

Semivolatile Organics

In reference to question 4:

The WG1413850-1 Method Blank, associated with L2039431-02 through -06, has a TIC detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC.

WG1413157-2/-3 and WG1413850-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable. Please refer to the QC section of the report for specific details.

Semivolatile Organics by SIM

In reference to question 4:

WG1413158-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable. Please refer to the QC section of the report

Case Narrative (continued)

for specific details.

Total Metals

L2039431-01 through -06: The sample has elevated detection limits due to the dilution required by the sample matrix.

Non-DKQP Related Narratives

Sulfate

L2039431-01, -02, -03, -04, and -06: The sample has an elevated detection limit due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Report Date: 09/25/20

Title: Technical Director/Representative

Glossary

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Organics

GC/MS 8260
Analysis

Sample Results Summary

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-01	**Date Collected**	: 09/18/20 08:36
Client ID	: MW-1	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 12:27
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A09	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-01	**Date Collected**	: 09/18/20 08:36
Client ID	: MW-1	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 12:27
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A09	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	6.1	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-01	**Date Collected**	: 09/18/20 08:36
Client ID	: MW-1	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 12:27
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A09	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-01	**Date Collected**	: 09/18/20 08:36
Client ID	: MW-1	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 12:27
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A09	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-02	**Date Collected**	: 09/18/20 10:51
Client ID	: MW-2	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 12:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A10	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-02	**Date Collected**	: 09/18/20 10:51
Client ID	: MW-2	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 12:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A10	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	7.4	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-02	**Date Collected**	: 09/18/20 10:51
Client ID	: MW-2	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 12:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A10	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-02	**Date Collected**	: 09/18/20 10:51
Client ID	: MW-2	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 12:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A10	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-03	**Date Collected**	: 09/18/20 10:42
Client ID	: MW-3	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A11	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-03	**Date Collected**	: 09/18/20 10:42
Client ID	: MW-3	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A11	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-03	**Date Collected**	: 09/18/20 10:42
Client ID	: MW-3	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A11	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-03	**Date Collected**	: 09/18/20 10:42
Client ID	: MW-3	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A11	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-04	**Date Collected**	: 09/18/20 08:27
Client ID	: MW-4	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:33
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A12	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-04	**Date Collected**	: 09/18/20 08:27
Client ID	: MW-4	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:33
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A12	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	1.5	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-04	**Date Collected**	: 09/18/20 08:27
Client ID	: MW-4	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:33
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A12	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-04	**Date Collected**	: 09/18/20 08:27
Client ID	: MW-4	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:33
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A12	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-05	**Date Collected**	: 09/18/20 09:32
Client ID	: MW-5	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:55
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A13	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-05	**Date Collected**	: 09/18/20 09:32
Client ID	: MW-5	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:55
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A13	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-05	**Date Collected**	: 09/18/20 09:32
Client ID	: MW-5	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:55
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A13	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-05	**Date Collected**	: 09/18/20 09:32
Client ID	: MW-5	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:55
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A13	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-06	**Date Collected**	: 09/18/20 09:41
Client ID	: MW-6	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A14	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-06	**Date Collected**	: 09/18/20 09:41
Client ID	: MW-6	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A14	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	11	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-06	**Date Collected**	: 09/18/20 09:41
Client ID	: MW-6	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A14	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-06	**Date Collected**	: 09/18/20 09:41
Client ID	: MW-6	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A14	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-07	**Date Collected**	: 09/18/20 11:15
Client ID	: FIELD BLANK	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:39
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A15	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-07	**Date Collected**	: 09/18/20 11:15
Client ID	: FIELD BLANK	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:39
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A15	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-07	**Date Collected**	: 09/18/20 11:15
Client ID	: FIELD BLANK	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:39
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A15	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-07	**Date Collected**	: 09/18/20 11:15
Client ID	: FIELD BLANK	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:39
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A15	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-08	**Date Collected**	: 09/17/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 15:01
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A16	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-08	**Date Collected**	: 09/17/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 15:01
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A16	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-08	**Date Collected**	: 09/17/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 15:01
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A16	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-08	**Date Collected**	: 09/17/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 15:01
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: VE200924A16	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L2039431
Project Name	: PISTOIA TIRE CO	Project Number	: 0064-5
Lab ID	: WG1414337-5	Date Collected	: NA
Client ID	: WG1414337-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/24/20 10:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PD
Lab File ID	: VE200924A05	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U
74-87-3	Chloromethane	ND	2.5	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L2039431
Project Name	: PISTOIA TIRE CO	Project Number	: 0064-5
Lab ID	: WG1414337-5	Date Collected	: NA
Client ID	: WG1414337-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/24/20 10:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: PD
Lab File ID	: VE200924A05	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1414337-5	**Date Collected**	: NA
Client ID	: WG1414337-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/24/20 10:58
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PD
Lab File ID	: VE200924A05	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1414337-5	**Date Collected**	: NA
Client ID	: WG1414337-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/24/20 10:58
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PD
Lab File ID	: VE200924A05	**Instrument ID**	: ELAINE
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ELAINE	**Analysis Date**	: 08/21/20 14:49
Tune Standard	: WG1401852-1	**Tune File ID**	: VE200821NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.7
75	30.0 - 60.0% of mass 95	49.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.8
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0 of mass 95	88.3
175	5.0 - 9.0% of mass 174	6.6 (7.5)1
176	95.0 - 101% of mass 174	85.8 (97.2)1
177	5.0 - 9.0% of mass 176	5.9 (6.9)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1342206-1	VE200821N03	08/21/20 15:52
STD0.5PPB	R1342206-2	VE200821N05	08/21/20 16:35
STD2PPB	R1342206-3	VE200821N07	08/21/20 17:18
STD10PPB	R1342206-4	VE200821N09	08/21/20 18:00
STD30PPB	R1342206-5	VE200821N10	08/21/20 18:22
STD80PPB	R1342206-6	VE200821N11	08/21/20 18:44
STD120PPB	R1342206-8	VE200821N12	08/21/20 19:05
STD200PPB	R1342206-7	VE200821N13	08/21/20 19:27
ICV Quant Report	R1342206-9	VE200821N19	08/21/20 21:36

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ELAINE	**Analysis Date**	: 09/24/20 09:13
Tune Standard	: WG1414337-1	**Tune File ID**	: VE200924ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	22.7
75	30.0 - 60.0% of mass 95	48.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.2 (.2)1
174	Greater than 50.0 of mass 95	86.4
175	5.0 - 9.0% of mass 174	6.7 (7.8)1
176	95.0 - 101% of mass 174	83.1 (96.2)1
177	5.0 - 9.0% of mass 176	5.7 (6.9)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1414337-2CCAL	WG1414337-2	VE200924A01	09/24/20 09:32
WG1414337-3LCS	WG1414337-3	VE200924A01	09/24/20 09:32
WG1414337-4LCSD	WG1414337-4	VE200924A02	09/24/20 09:54
WG1414337-5BLANK	WG1414337-5	VE200924A05	09/24/20 10:58
MW-1	L2039431-01	VE200924A09	09/24/20 12:27
MW-2	L2039431-02	VE200924A10	09/24/20 12:49
MW-3	L2039431-03	VE200924A11	09/24/20 13:11
MW-4	L2039431-04	VE200924A12	09/24/20 13:33
MW-5	L2039431-05	VE200924A13	09/24/20 13:55
MW-6	L2039431-06	VE200924A14	09/24/20 14:17
FIELD BLANK	L2039431-07	VE200924A15	09/24/20 14:39
TRIP BLANK	L2039431-08	VE200924A16	09/24/20 15:01

Blank Results Summary

Method Blank Summary
Form 4
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab Sample ID	: WG1414337-5	**Lab File ID**	: VE200924A05
Instrument ID	: ELAINE		
Matrix	: WATER	**Analysis Date**	: 09/24/20 10:58

Client Sample No.	Lab Sample ID	Analysis Date
WG1414337-3LCS	WG1414337-3	09/24/20 09:32
WG1414337-4LCSD	WG1414337-4	09/24/20 09:54
MW-1	L2039431-01	09/24/20 12:27
MW-2	L2039431-02	09/24/20 12:49
MW-3	L2039431-03	09/24/20 13:11
MW-4	L2039431-04	09/24/20 13:33
MW-5	L2039431-05	09/24/20 13:55
MW-6	L2039431-06	09/24/20 14:17
FIELD BLANK	L2039431-07	09/24/20 14:39
TRIP BLANK	L2039431-08	09/24/20 15:01

Standards Data Summary

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2039431**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: ELAINE**	**Ical Ref**	**: ICAL17063**
Calibration dates	**: 08/21/20 15:52 08/21/20 19:27**		

Calibration Files

L11 =VE200821N03.D L1 =VE200821N05.D L2 =VE200821N07.D L3 =VE200821N09.D L4 =VE200821N10.D

L6 =VE200821N11.D L8 =VE200821N12.D L10 =VE200821N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.101	0.140	0.156	0.154	0.156	0.157	0.153	0.145	14.00
3)	TP	Chloromethane		0.213	0.249	0.218	0.227	0.212	0.230	0.228	0.225	5.70
4)	TC	Vinyl chloride	0.140	0.190	0.211	0.208	0.213	0.211	0.222	0.218	0.202	13.19
5)	TP	Bromomethane		0.069	0.083	0.079	0.083	0.087	0.104	0.110	0.088#	16.49
6)	TP	Chloroethane		0.108	0.125	0.122	0.122	0.105	0.111	0.106	0.114	7.72
7)	TP	Trichlorofluor		0.211	0.261	0.284	0.273	0.278	0.269	0.267	0.263	9.20
8)	TP	Ethyl ether		0.090	0.098	0.096	0.099	0.095	0.102	0.102	0.097	4.08
10)	TC	1,1-Dichloroet		0.139	0.161	0.156	0.165	0.165	0.176	0.175	0.163	7.62
11)	TP	Carbon disulfide		0.275	0.345	0.305	0.331	0.331	0.368	0.363	0.331	9.89
12)	TP	Freon-113		0.122	0.155	0.183	0.174	0.181	0.186	0.186	0.169	13.95
13)	TP	Iodomethane			0.032	0.061	0.107	0.139	0.173		*Q	0.9991
14)	TP	Acrolein		0.024	0.026	0.027	0.030	0.029	0.029	0.028	0.028#	6.93
15)	TP	Methylene chlo		0.241	0.225	0.182	0.187	0.177	0.189	0.187	0.198	12.37
17)	TP	Acetone			0.046	0.045	0.038	0.039	0.041	0.039	0.041#	7.73
18)	TP	trans-1,2-Dich		0.149	0.167	0.153	0.164	0.162	0.178	0.177	0.164	6.66
19)	TP	Methyl acetate			0.142	0.116	0.118	0.117	0.121	0.120	0.122	8.10
20)	TP	Methyl tert butyl ether		0.397	0.427	0.418	0.451	0.443	0.464	0.466	0.438	5.82
21)	TP	tert-Butyl alc		0.010	0.010	0.012	0.012	0.013	0.012	0.012	0.012#	10.08
22)	TP	Diisopropyl ether		0.673	0.728	0.746	0.790	0.775	0.817	0.801	0.762	6.53
23)	TP	1,1-Dichloroet		0.319	0.382	0.350	0.370	0.360	0.377	0.377	0.362	6.08
24)	TP	Halothane		0.124	0.152	0.145	0.149	0.149	0.158	0.156	0.148	7.54
25)	TP	Acrylonitrile		0.045	0.049	0.053	0.053	0.052	0.053	0.053	0.051	6.21
26)	TP	Ethyl tert-but		0.523	0.595	0.608	0.619	0.629	0.663	0.670	0.615	7.98
27)	TP	Vinyl acetate		0.386	0.386	0.415	0.454	0.465	0.486	0.485	0.440	9.94
28)	TP	cis-1,2-Dichlo		0.177	0.194	0.197	0.221	0.200	0.216	0.215	0.203	7.58
29)	TP	2,2-Dichloropr		0.201	0.245	0.236	0.270	0.262	0.276	0.274	0.252	10.70
30)	TP	Bromochloromet		0.072	0.096	0.092	0.096	0.092	0.095	0.090	0.091	9.14
31)	TP	Cyclohexane		0.255	0.320	0.362	0.385	0.399	0.411	0.412	0.363	15.88
32)	TC	Chloroform		0.299	0.339	0.313	0.323	0.318	0.343	0.339	0.325	5.10
33)	TP	Ethyl acetate		0.178	0.144	0.160	0.161	0.157	0.161	0.159	0.160	6.29
34)	TP	Carbon tetrachloride	0.151	0.180	0.247	0.238	0.258	0.260	0.275	0.273	0.235	19.27
35)	TP	Tetrahydrofuran			0.043	0.043	0.045	0.041	0.043	0.043	0.043#	2.92
36)	S	Dibromofluoromethane	0.237	0.242	0.248	0.245	0.244	0.246	0.254	0.246	0.245	2.00
37)	TP	1,1,1-Trichlor		0.238	0.283	0.281	0.300	0.299	0.316	0.312	0.290	9.08
39)	TP	2-Butanone		0.072	0.069	0.063	0.065	0.066	0.067	0.069	0.067#	4.61

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2039431**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: ELAINE**	**Ical Ref**	**: ICAL17063**
Calibration dates	**: 08/21/20 15:52 08/21/20 19:27**		

Calibration Files

L11 =VE200821N03.D L1 =VE200821N05.D L2 =VE200821N07.D L3 =VE200821N09.D L4 =VE200821N10.D

L6 =VE200821N11.D L8 =VE200821N12.D L10 =VE200821N13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP	1,1-Dichloropr		0.194	0.239	0.239	0.260	0.261	0.275	0.276	0.249	11.47
41) TP	Benzene	0.656	0.704	0.796	0.752	0.790	0.767	0.818	0.801	0.760	7.26
42) TP	Tertiary-Amyl Methyl Ether		0.402	0.421	0.427	0.468	0.469	0.498	0.501	0.455	8.58
43) S	1,2-Dichloroethane-d4	0.283	0.288	0.278	0.282	0.284	0.278	0.276	0.280	0.281	1.42
44) TP	1,2-Dichloroet		0.230	0.272	0.249	0.249	0.242	0.250	0.251	0.249	5.13
47) TP	Methyl cyclohe		0.216	0.274	0.305	0.331	0.338	0.352	0.351	0.309	16.11
48) TP	Trichloroethene	0.183	0.166	0.195	0.185	0.193	0.191	0.204	0.200	0.189#	6.17
50) TP	Dibromomethane		0.070	0.095	0.097	0.098	0.096	0.099	0.100	0.093	11.42
51) TC	1,2-Dichloropr		0.174	0.215	0.203	0.207	0.205	0.217	0.216	0.205	7.24
53) TP	2-Chloroethyl		0.078	0.089	0.090	0.097	0.095	0.101	0.100	0.093	8.70
54) TP	Bromodichlorom		0.210	0.224	0.236	0.251	0.245	0.257	0.260	0.240	7.48
57) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	5.32
58) TP	cis-1,3-Dichloropropene		0.246	0.274	0.279	0.300	0.306	0.323	0.324	0.293	9.67
59) I	Chlorobenzene-d5	----------ISTD----------									
60) S	Toluene-d8	1.279	1.284	1.280	1.298	1.264	1.275	1.283	1.287	1.281	0.76
61) TC	Toluene		0.531	0.661	0.622	0.650	0.642	0.660	0.666	0.633	7.50
62) TP	4-Methyl-2-pen		0.061	0.061	0.067	0.071	0.076	0.075	0.077	0.070#	9.71
63) TP	Tetrachloroethene		0.290	0.331	0.303	0.317	0.301	0.310	0.311	0.309	4.21
65) TP	trans-1,3-Dichloropropene		0.223	0.292	0.315	0.342	0.356	0.363	0.376	0.324	16.40
67) TP	Ethyl methacry		0.196	0.207	0.222	0.249	0.264	0.269	0.278	0.241	13.40
68) TP	1,1,2-Trichlor		0.128	0.167	0.164	0.162	0.160	0.163	0.168	0.159	8.67
69) TP	Chlorodibromom		0.194	0.206	0.220	0.229	0.233	0.236	0.244	0.223	8.00
70) TP	1,3-Dichloropr		0.295	0.356	0.351	0.349	0.342	0.346	0.353	0.342	6.11
71) TP	1,2-Dibromoethane		0.153	0.181	0.190	0.192	0.192	0.194	0.197	0.186	8.22
72) TP	2-Hexanone		0.123	0.115	0.130	0.134	0.139	0.139	0.141	0.132	7.38
73) TP	Chlorobenzene		0.683	0.709	0.690	0.709	0.695	0.711	0.706	0.700	1.57
74) TC	Ethylbenzene		1.002	1.180	1.166	1.233	1.195	1.213	1.166	1.165	6.52
75) TP	1,1,1,2-Tetrac		0.208	0.257	0.244	0.260	0.257	0.267	0.269	0.252	8.31
76) TP	p/m Xylene		0.376	0.462	0.471	0.496	0.480	0.487	0.473	0.463	8.69
77) TP	o Xylene		0.375	0.413	0.434	0.447	0.437	0.444	0.429	0.425	5.86
78) TP	Styrene		0.537	0.663	0.712	0.763	0.738	0.726	0.666	0.686	10.97
79) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80) TP	Bromoform		0.245	0.243	0.262	0.271	0.276	0.284	0.282	0.266	6.34
82) TP	Isopropylbenzene		1.742	2.235	2.263	2.384	2.268	2.323	2.159	2.197	9.66
83) S	4-Bromofluorobenzene	0.897	0.881	0.899	0.879	0.889	0.883	0.896	0.901	0.891	1.01
84) TP	Bromobenzene		0.493	0.574	0.559	0.576	0.562	0.573	0.573	0.559	5.32

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2039431**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: ELAINE**	**Ical Ref**	**: ICAL17063**
Calibration dates	**: 08/21/20 15:52 08/21/20 19:27**		

Calibration Files
L11 =VE200821N03.D L1 =VE200821N05.D L2 =VE200821N07.D L3 =VE200821N09.D L4 =VE200821N10.D
L6 =VE200821N11.D L8 =VE200821N12.D L10 =VE200821N13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP	n-Propylbenzene		2.252	2.543	2.492	2.675	2.509	2.562	2.331	2.480	5.79
86) TP	1,4-Dichlorobu		0.623	0.726	0.693	0.710	0.681	0.689	0.685	0.687	4.67
87) TP	1,1,2,2-Tetrac		0.420	0.417	0.412	0.413	0.401	0.402	0.407	0.410	1.73
88) TP	4-Ethyltoluene		1.676	2.018	2.051	2.225	2.115	2.189	2.061	2.048	8.81
89) TP	2-Chlorotoluene		1.634	1.814	1.740	1.819	1.733	1.810	1.751	1.757	3.74
90) TP	1,3,5-Trimethy		1.521	1.836	1.835	1.979	1.877	1.943	1.846	1.834	8.11
91) TP	1,2,3-Trichlor		0.331	0.345	0.352	0.358	0.343	0.347	0.347	0.346	2.43
92) TP	trans-1,4-Dich		0.079	0.114	0.106	0.112	0.124	0.126	0.128	0.113	15.17
93) TP	4-Chlorotoluene		1.394	1.581	1.596	1.638	1.577	1.636	1.577	1.571	5.27
94) TP	tert-Butylbenzene		1.443	1.767	1.759	1.922	1.829	1.907	1.813	1.777	9.01
95) TP	Pentachloroethane		0.237	0.297	0.291	0.319	0.334	0.345	0.354	0.311	12.86
97) TP	1,2,4-Trimethy		1.320	1.795	1.818	1.938	1.864	1.931	1.855	1.789	11.94
98) TP	sec-Butylbenzene		1.732	2.164	2.138	2.352	2.186	2.267	2.112	2.136	9.18
99) TP	p-Isopropyltol		1.473	1.794	1.880	2.105	1.973	2.052	1.918	1.885	11.10
100) TP	1,3-Dichlorobe		0.968	1.064	1.062	1.096	1.043	1.083	1.072	1.055	3.99
101) TP	1,4-Dichlorobe		0.937	1.074	1.053	1.086	1.050	1.079	1.074	1.050	4.95
102) TP	p-Diethylbenzene		0.796	1.014	1.044	1.188	1.135	1.222	1.208	1.087	13.92
103) TP	n-Butylbenzene		1.310	1.579	1.575	1.795	1.676	1.792	1.726	1.636	10.37
104) TP	1,2-Dichlorobe		0.938	1.007	0.980	1.004	0.967	0.988	0.987	0.982	2.40
105) TP	1,2,4,5-Tetram		1.233	1.421	1.612	1.789	1.755	1.839	1.785	1.633	13.93
106) TP	1,2-Dibromo-3-		0.032	0.060	0.062	0.064	0.066	0.067	0.069	*L	0.9994
107) TP	1,3,5-Trichlor		0.604	0.717	0.706	0.757	0.723	0.759	0.771	0.720	7.83
108) TP	Hexachlorobuta		0.252	0.284	0.242	0.282	0.256	0.293	0.304	0.273	8.54
109) TP	1,2,4-Trichlor		0.580	0.577	0.621	0.663	0.675	0.698	0.718	0.647	8.63
110) TP	Naphthalene		0.956	0.922	1.111	1.224	1.261	1.303	1.311	1.155	14.03
111) TP	1,2,3-Trichlor		0.426	0.534	0.556	0.592	0.588	0.610	0.621	0.561	11.86

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: ELAINE	**Calibration Date**	: 09/24/20 09:32		
Lab File ID	: VE200924A01	**Init. Calib. Date(s)**	: 08/21/20	08/21/20	
Sample No	: WG1414337-2	**Init. Calib. Times**	: 15:52	19:27	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	99	0
Dichlorodifluoromethane	0.145	0.104	-	28.3*	20	66	0
Chloromethane	0.225	0.207	-	8	20	94	0
Vinyl chloride	0.202	0.185	-	8.4	20	88	0
Bromomethane	0.088	0.086*	-	2.3	20	108	0
Chloroethane	0.114	0.11	-	3.5	20	89	0
Trichlorofluoromethane	0.263	0.224	-	14.8	20	78	0
Ethyl ether	0.097	0.081	-	16.5	20	84	0
1,1-Dichloroethene	0.163	0.139	-	14.7	20	88	0
Carbon disulfide	0.331	0.273	-	17.5	20	89	0
Freon-113	0.169	0.142	-	16	20	77	0
Acrolein	0.028	0.021*	-	25*	20	77	0
Methylene chloride	0.198	0.159	-	19.7	20	87	0
Acetone	0.041	0.036*	-	12.2	20	81	0
trans-1,2-Dichloroethene	0.164	0.148	-	9.8	20	96	0
Methyl acetate	0.122	0.096*	-	21.3*	20	82	0
Methyl tert-butyl ether	0.438	0.353	-	19.4	20	84	0
tert-Butyl alcohol	0.01172	0.00865*	-	26.2*	20	71	0
Diisopropyl ether	0.762	0.703	-	7.7	20	94	0
1,1-Dichloroethane	0.362	0.326	-	9.9	20	93	0
Halothane	0.148	0.131	-	11.5	20	89	0
Acrylonitrile	0.051	0.042*	-	17.6	20	79	0
Ethyl tert-butyl ether	0.615	0.519	-	15.6	20	85	0
Vinyl acetate	0.44	0.355	-	19.3	20	85	0
cis-1,2-Dichloroethene	0.203	0.188	-	7.4	20	95	0
2,2-Dichloropropane	0.252	0.217	-	13.9	20	91	0
Bromochloromethane	0.091	0.08	-	12.1	20	86	0
Cyclohexane	0.363	0.312	-	14	20	86	0
Chloroform	0.325	0.283	-	12.9	20	90	0
Ethyl acetate	0.16	0.121	-	24.4*	20	75	0
Carbon tetrachloride	0.235	0.203	-	13.6	20	85	0
Tetrahydrofuran	0.043	0.032*	-	25.6*	20	75	0
Dibromofluoromethane	0.245	0.237	-	3.3	20	96	0
1,1,1-Trichloroethane	0.29	0.234	-	19.3	20	82	0
2-Butanone	0.067	0.057*	-	14.9	20	89	0
1,1-Dichloropropene	0.249	0.215	-	13.7	20	89	0
Benzene	0.76	0.704	-	7.4	20	93	0
tert-Amyl methyl ether	0.455	0.356	-	21.8*	20	83	0
1,2-Dichloroethane-d4	0.281	0.255	-	9.3	20	90	0
1,2-Dichloroethane	0.249	0.204	-	18.1	20	81	0
Methyl cyclohexane	0.309	0.258	-	16.5	20	84	0
Trichloroethene	0.189	0.162*	-	14.3	20	87	0
Dibromomethane	0.093	0.079	-	15.1	20	81	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: ELAINE	**Calibration Date**	: 09/24/20 09:32		
Lab File ID	: VE200924A01	**Init. Calib. Date(s)**	: 08/21/20	08/21/20	
Sample No	: WG1414337-2	**Init. Calib. Times**	: 15:52	19:27	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.205	0.188	-	8.3	20	92	0
Bromodichloromethane	0.24	0.192*	-	20	20	80	0
1,4-Dioxane	0.00118	0.0008*	-	32.2*	20	65	0
cis-1,3-Dichloropropene	0.293	0.239	-	18.4	20	85	0
Chlorobenzene-d5	1	1	-	0	20	99	0
Toluene-d8	1.281	1.257	-	1.9	20	96	0
Toluene	0.633	0.574	-	9.3	20	91	0
4-Methyl-2-pentanone	0.07	0.051*	-	27.1*	20	75	0
Tetrachloroethene	0.309	0.247	-	20.1*	20	80	0
trans-1,3-Dichloropropene	0.324	0.264	-	18.5	20	82	0
Ethyl methacrylate	0.241	0.167	-	30.7*	20	74	0
1,1,2-Trichloroethane	0.159	0.138	-	13.2	20	83	0
Chlorodibromomethane	0.223	0.181	-	18.8	20	81	0
1,3-Dichloropropane	0.342	0.298	-	12.9	20	84	0
1,2-Dibromoethane	0.186	0.148	-	20.4*	20	77	0
2-Hexanone	0.132	0.095*	-	28*	20	72	0
Chlorobenzene	0.7	0.646	-	7.7	20	92	0
Ethylbenzene	1.165	1.042	-	10.6	20	88	0
1,1,1,2-Tetrachloroethane	0.252	0.222	-	11.9	20	89	0
p/m Xylene	0.463	0.425	-	8.2	20	89	0
o Xylene	0.425	0.389	-	8.5	20	88	0
Styrene	0.686	0.639	-	6.9	20	89	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	96	0
Bromoform	0.266	0.205	-	22.9*	20	75	0
Isopropylbenzene	2.197	2.014	-	8.3	20	85	0
4-Bromofluorobenzene	0.891	0.869	-	2.5	20	95	0
Bromobenzene	0.559	0.511	-	8.6	20	88	0
n-Propylbenzene	2.48	2.234	-	9.9	20	86	0
1,4-Dichlorobutane	0.687	0.57	-	17	20	79	0
1,1,2,2-Tetrachloroethane	0.41	0.318	-	22.4*	20	74	0
4-Ethyltoluene	2.048	1.876	-	8.4	20	88	0
2-Chlorotoluene	1.757	1.598	-	9	20	88	0
1,3,5-Trimethylbenzene	1.834	1.669	-	9	20	87	0
1,2,3-Trichloropropane	0.346	0.279	-	19.4	20	76	0
trans-1,4-Dichloro-2-buten	0.113	0.083	-	26.5*	20	75	0
4-Chlorotoluene	1.571	1.425	-	9.3	20	86	0
tert-Butylbenzene	1.777	1.383	-	22.2*	20	75	0
1,2,4-Trimethylbenzene	1.789	1.671	-	6.6	20	88	0
sec-Butylbenzene	2.136	1.889	-	11.6	20	85	0
p-Isopropyltoluene	1.885	1.705	-	9.5	20	87	0
1,3-Dichlorobenzene	1.055	0.979	-	7.2	20	88	0
1,4-Dichlorobenzene	1.05	0.957	-	8.9	20	87	0
p-Diethylbenzene	1.087	0.952	-	12.4	20	87	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2039431	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: ELAINE		**Calibration Date**	: 09/24/20 09:32	
Lab File ID	: VE200924A01		**Init. Calib. Date(s)**	: 08/21/20	08/21/20
Sample No	: WG1414337-2		**Init. Calib. Times**	: 15:52	19:27
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.636	1.414	-	13.6	20	86	0
1,2-Dichlorobenzene	0.982	0.885	-	9.9	20	86	0
1,2,4,5-Tetramethylbenzene	1.633	1.508	-	7.7	20	90	0
1,2-Dibromo-3-chloropropan	10	6.487	-	35.1*	20	64	0
1,3,5-Trichlorobenzene	0.72	0.657	-	8.7	20	89	0
Hexachlorobutadiene	0.273	0.22	-	19.4	20	87	0
1,2,4-Trichlorobenzene	0.647	0.548	-	15.3	20	85	0
Naphthalene	1.155	0.87	-	24.7*	20	75	0
1,2,3-Trichlorobenzene	0.561	0.465	-	17.1	20	80	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Lisko Environmental, LLC
Project Name: PISTOIA TIRE CO

Lab Number: L2039431
Project Number: 0064-5
Matrix: Trip Blank (Aqueous)/Water/Field Blank

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-1 (L2039431-01)	94	98	97	103	0
MW-2 (L2039431-02)	99	100	95	100	0
MW-3 (L2039431-03)	98	98	96	104	0
MW-4 (L2039431-04)	96	98	96	102	0
MW-5 (L2039431-05)	98	97	95	101	0
MW-6 (L2039431-06)	99	98	96	101	0
FIELD BLANK (L2039431-07)	98	97	97	104	0
TRIP BLANK (L2039431-08)	99	97	96	104	0
WG1414337-3LCS	91	98	98	97	0
WG1414337-4LCSD	90	98	97	97	0
WG1414337-5BLANK	97	98	96	100	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

FORM II NJ-8260

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1414337-3 **Analysis Date** : 09/24/20 09:32	**File ID**	: VE200924A01
LCSD Sample ID	: WG1414337-4 **Analysis Date** : 09/24/20 09:54	**File ID**	: VE200924A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dibromo-3-chloropropane	10	6.5	65	10	8.0	80	21 Q	40-160	20
1,4-Dioxane	500	340	68	500	360	72	6	40-160	20
1,2-Dibromoethane	10	8.0	80	10	9.0	90	12	70-130	20
Methylene chloride	10	8.0	80	10	8.4	84	5	70-130	20
1,1-Dichloroethane	10	9.0	90	10	9.8	98	9	70-130	20
Chloroform	10	8.7	87	10	9.6	96	10	70-130	20
Carbon tetrachloride	10	8.6	86	10	9.6	96	11	70-130	20
1,2-Dichloropropane	10	9.2	92	10	9.7	97	5	70-130	20
Dibromochloromethane	10	8.1	81	10	9.0	90	11	70-130	20
1,1,2-Trichloroethane	10	8.7	87	10	9.5	95	9	70-130	20
Tetrachloroethene	10	8.0	80	10	8.8	88	10	70-130	20
Chlorobenzene	10	9.2	92	10	9.9	99	7	70-130	20
Trichlorofluoromethane	10	8.5	85	10	9.0	90	6	40-160	20
1,2-Dichloroethane	10	8.2	82	10	8.8	88	7	70-130	20
1,1,1-Trichloroethane	10	8.0	80	10	8.9	89	11	70-130	20
Bromodichloromethane	10	8.0	80	10	9.0	90	12	70-130	20
trans-1,3-Dichloropropene	10	8.1	81	10	9.0	90	11	70-130	20
cis-1,3-Dichloropropene	10	8.2	82	10	8.6	86	5	70-130	20
Bromoform	10	7.7	77	10	8.6	86	11	40-160	20
1,1,2,2-Tetrachloroethane	10	7.8	78	10	8.9	89	13	40-160	20
Benzene	10	9.2	92	10	10	100	8	70-130	20
Toluene	10	9.1	91	10	9.8	98	7	70-130	20
Ethylbenzene	10	8.9	89	10	9.6	96	8	70-130	20
Chloromethane	10	9.2	92	10	9.7	97	5	40-160	20
Bromomethane	10	9.7	97	10	10	100	3	40-160	20
Vinyl chloride	10	9.2	92	10	9.7	97	5	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1414337-3	**Analysis Date** : 09/24/20 09:32	**File ID** : VE200924A01
LCSD Sample ID	: WG1414337-4	**Analysis Date** : 09/24/20 09:54	**File ID** : VE200924A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Chloroethane	10	9.6	96	10	9.6	96	0	40-160	20
1,1-Dichloroethene	10	8.5	85	10	9.3	93	9	70-130	20
trans-1,2-Dichloroethene	10	9.0	90	10	9.4	94	4	70-130	20
Trichloroethene	10	8.6	86	10	8.9	89	3	70-130	20
1,2-Dichlorobenzene	10	9.0	90	10	9.8	98	9	70-130	20
1,3-Dichlorobenzene	10	9.3	93	10	10	100	7	70-130	20
1,4-Dichlorobenzene	10	9.1	91	10	10	100	9	70-130	20
Methyl tert butyl ether	10	8.0	80	10	8.6	86	7	70-130	20
p/m-Xylene	20	18	90	20	20	100	11	70-130	20
o-Xylene	20	18	90	20	20	100	11	70-130	20
cis-1,2-Dichloroethene	10	9.3	93	10	9.8	98	5	70-130	20
Styrene	20	19	95	20	20	100	5	40-160	20
Dichlorodifluoromethane	10	7.2	72	10	8.1	81	12	40-160	20
Acetone	10	8.8	88	10	9.1	91	3	40-160	20
Carbon disulfide	10	8.2	82	10	8.9	89	8	40-160	20
2-Butanone	10	8.4	84	10	9.4	94	11	40-160	20
4-Methyl-2-pentanone	10	7.3	73	10	8.4	84	14	40-160	20
2-Hexanone	10	7.2	72	10	8.2	82	13	40-160	20
Bromochloromethane	10	8.8	88	10	9.5	95	8	70-130	20
Isopropylbenzene	10	9.2	92	10	10	100	8	70-130	20
1,2,3-Trichlorobenzene	10	8.3	83	10	9.4	94	12	70-130	20
1,2,4-Trichlorobenzene	10	8.5	85	10	9.2	92	8	70-130	20
Methyl Acetate	10	7.8	78	10	8.6	86	10	70-130	20
Cyclohexane	10	8.6	86	10	9.5	95	10	70-130	20
Methyl cyclohexane	10	8.3	83	10	9.0	90	8	70-130	20
Freon-113	10	8.4	84	10	9.6	96	13	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ELAINE	**Analysis Date**	: 09/24/20 09:32
Sample No	: WG1414337-2	**Lab File ID**	: VE200924A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1414337-2	253225	5.49	188758	8.50	98053	9.99
Upper Limit	506450	5.99	377516	9.00	196106	10.49
Lower Limit	126613	4.99	94379	8.00	49027	9.49
Sample ID						
WG1414337-3 LCS	253225	5.49	188758	8.50	98053	9.99
WG1414337-4 LCSD	241550	5.49	179118	8.50	93223	9.99
WG1414337-5 BLANK	226569	5.49	169302	8.50	84059	9.99
MW-1	217672	5.49	162474	8.50	79848	9.99
MW-2	219788	5.49	162827	8.50	81112	9.99
MW-3	215608	5.49	163109	8.50	79948	9.99
MW-4	215374	5.49	162484	8.50	79231	9.99
MW-5	216535	5.49	164671	8.50	80149	9.99
MW-6	213661	5.49	158693	8.50	77627	9.99
FIELD BLANK	210514	5.49	160936	8.50	77775	9.99
TRIP BLANK	209525	5.49	158039	8.50	76966	9.99

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A09.D
Acq On : 24 Sep 2020 12:27
Operator : ELAINE:AJK
Sample : 12039431-01,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 15:53:34 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.490	96	217672	10.000	ug/L	0.00
Standard Area 1 = 253225			Recovery = 85.96%			
59) Chlorobenzene-d5	8.497	117	162474	10.000	ug/L	0.00
Standard Area 1 = 188758			Recovery = 86.08%			
79) 1,4-Dichlorobenzene-d4	9.989	152	79848	10.000	ug/L	0.00
Standard Area 1 = 98053			Recovery = 81.43%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.502	113	55112	10.329	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.29%			
43) 1,2-Dichloroethane-d4	5.147	65	57741	9.432	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.32%			
60) Toluene-d8	7.195	98	203459	9.773	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.73%			
83) 4-Bromofluorobenzene	9.318	95	68805	9.676	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.066	50	89	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.327	94	125	N.D.		
6) Chloroethane	0.000		0	N.D.	d	
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	1.875	76	276	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	2.421	43	5507	6.139	ug/L	90
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	4.265	83	321	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A09.D
Acq On : 24 Sep 2020 12:27
Operator : ELAINE:AJK
Sample : 12039431-01,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 15:53:34 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
41) Benzene	4.964	78	61		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
47) Methyl cyclohexane	0.000		0		N.D.	
48) Trichloroethene	5.556	95	227		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	7.601	166	163		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	d
73) Chlorobenzene	8.511	112	66		N.D.	
74) Ethylbenzene	8.545	91	167		N.D.	
76) p/m Xylene	8.653	106	165		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	8.973	104	55		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	9.151	105	265		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	9.941	146	67		N.D.	
101) 1,4-Dichlorobenzene	9.997	146	152		N.D.	
104) 1,2-Dichlorobenzene	10.239	146	81		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	11.068	180	89		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

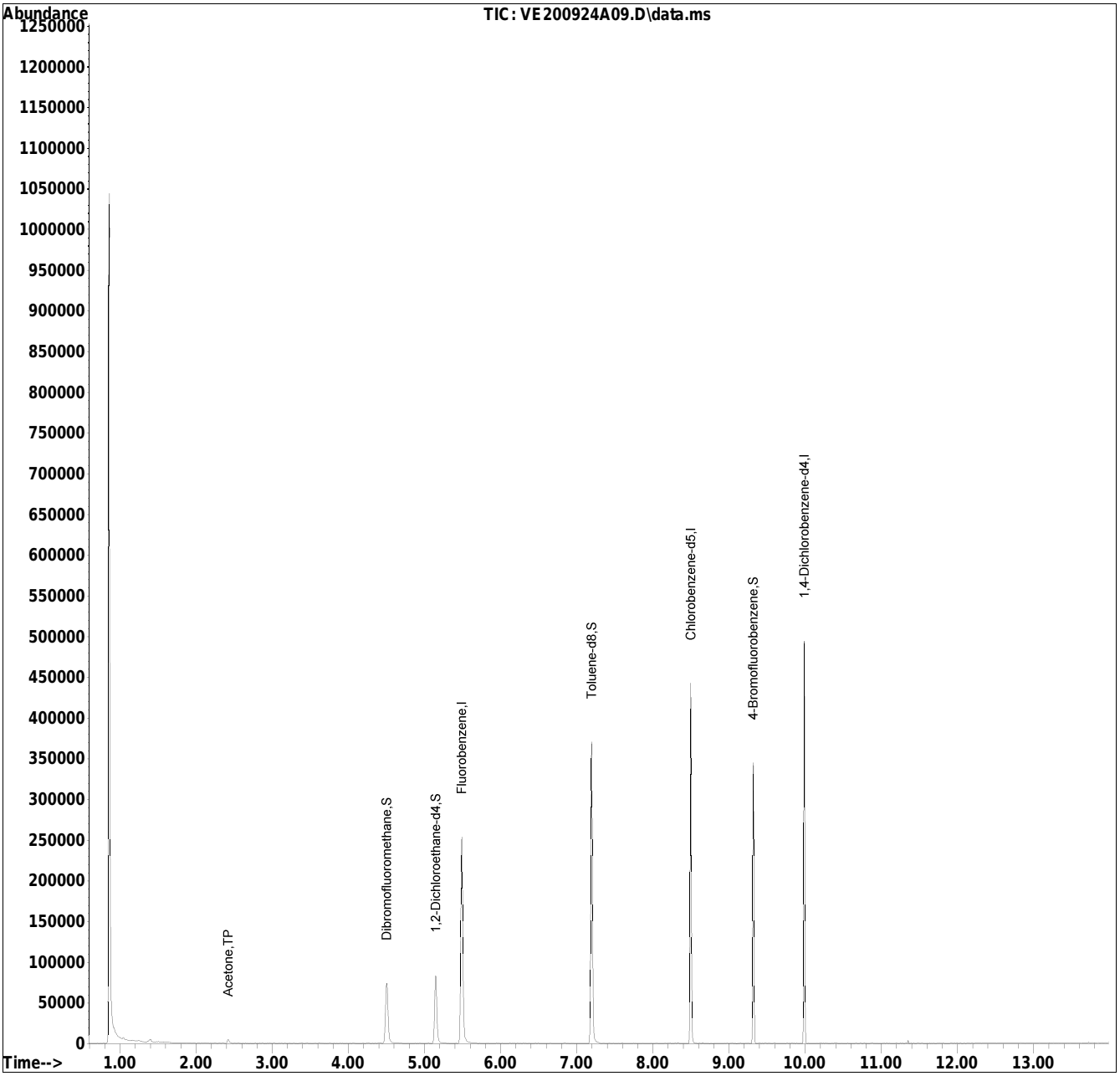
(#) = qualifier out of range (m) = manual integration (+) = signals summed

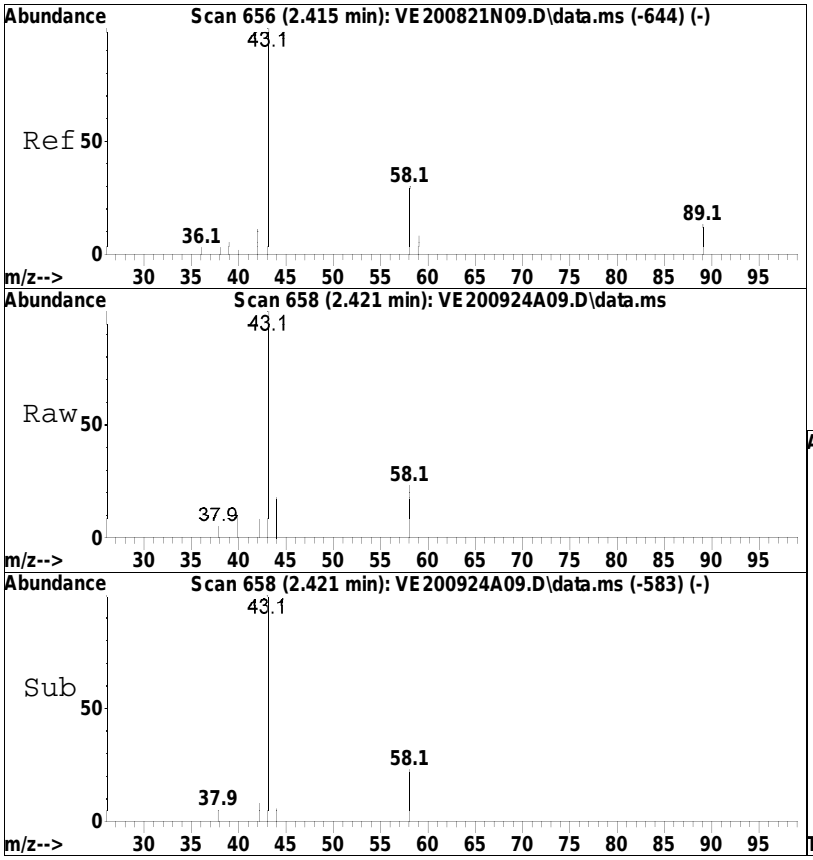
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A09.D
Acq On : 24 Sep 2020 12:27
Operator : ELAINE:AJK
Sample : l2039431-01,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 15:53:34 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist924A01.D•

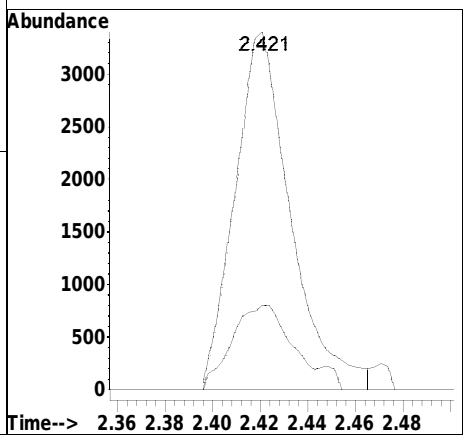




#17
Acetone
Concen: 6.14 ug/L
RT: 2.421 min Scan# 658
Delta R.T. 0.008 min
Lab File: VE200924A09.D
Acq: 24 Sep 2020 12:27

Tgt Ion: 43 Resp: 5507

Ion	Ratio	Lower	Upper
43	100		
58	25.0	24.2	36.4



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2020\2Q	Method	: Elaine_200821N_8260.m
Data File	: VE200924A09.D	Operator	: ELAINE:AJK
Date Inj'd	: 9/24/2020 12:27	Instrument	: Elaine
Sample	: 12039431-01,31,10,10,,a	Quant Date	: 9/24/2020 3:31 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A09.D
Acq On : 24 Sep 2020 12:27
Operator : ELAINE:AJK
Sample : 12039431-01,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE200924A09.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.502	1387	1406	1432	rBV2	73999	172917	30.10%	6.400%
2	5.147	1622	1638	1663	rBV	83189	169384	29.48%	6.269%
3	5.490	1743	1761	1796	rBV	253427	483530	84.16%	17.896%
4	7.195	2352	2374	2416	rBV	370404	574553	100.00%	21.265%
5	8.497	2832	2842	2864	rBV	442430	492617	85.74%	18.232%
6	9.318	3127	3137	3149	rBV	344866	346498	60.31%	12.824%
7	9.989	3369	3378	3390	rBV	493996	462403	80.48%	17.114%

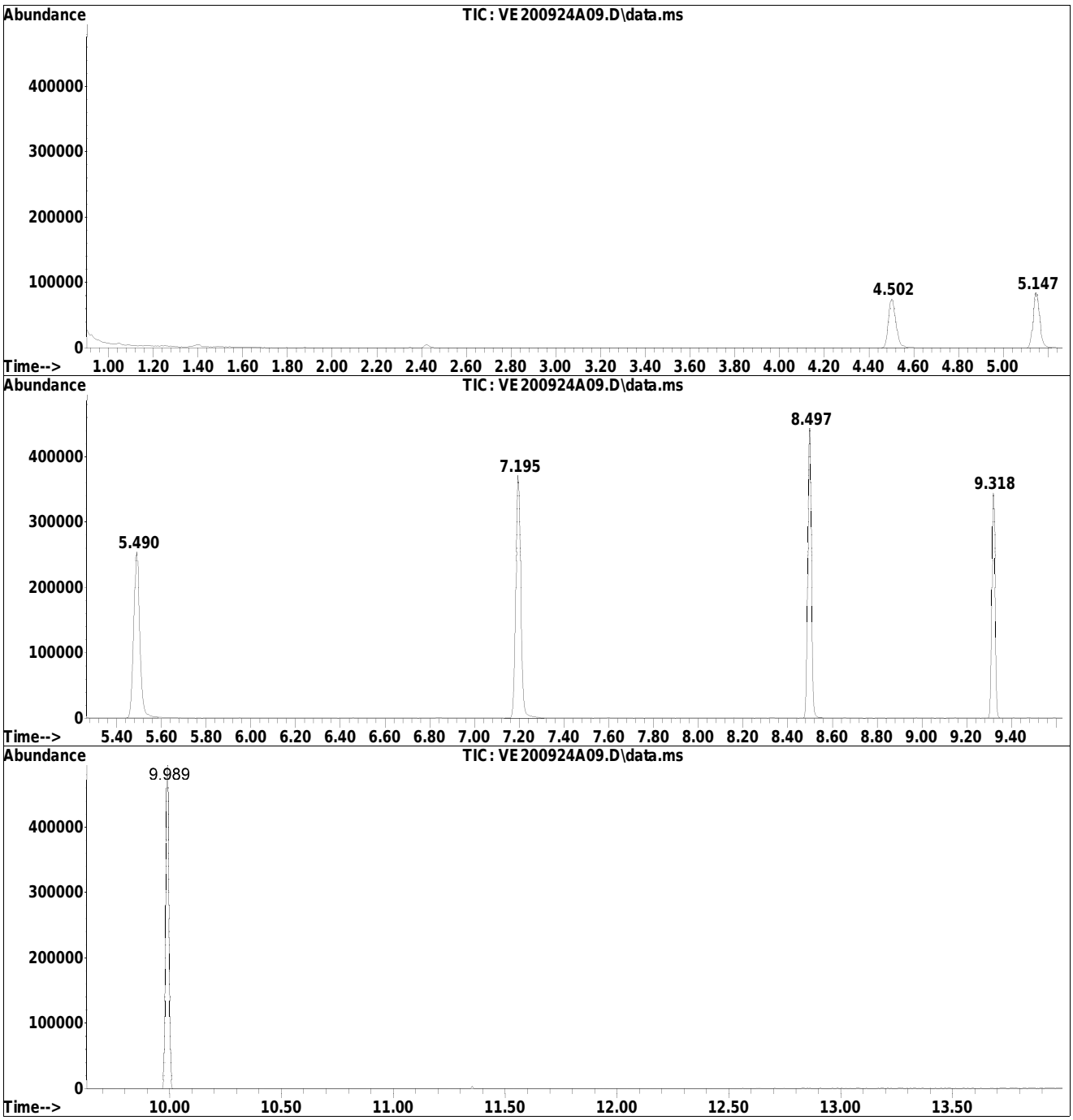
Sum of corrected areas: 2701902

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A09.D
Acq On : 24 Sep 2020 12:27
Operator : ELAINE:AJK
Sample : l2039431-01,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A09.D
Acq On : 24 Sep 2020 12:27
Operator : ELAINE:AJK
Sample : l2039431-01,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A09.D
Acq On : 24 Sep 2020 12:27
Operator : ELAINE:AJK
Sample : 12039431-01,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A10.D
Acq On : 24 Sep 2020 12:49
Operator : ELAINE:AJK
Sample : 12039431-02,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:02:30 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.490	96	219788	10.000	ug/L	0.00
Standard Area 1 = 253225			Recovery = 86.80%			
59) Chlorobenzene-d5	8.497	117	162827	10.000	ug/L	0.00
Standard Area 1 = 188758			Recovery = 86.26%			
79) 1,4-Dichlorobenzene-d4	9.989	152	81112	10.000	ug/L	0.00
Standard Area 1 = 98053			Recovery = 82.72%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.502	113	53732	9.973	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.73%			
43) 1,2-Dichloroethane-d4	5.147	65	60889	9.851	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.51%			
60) Toluene-d8	7.195	98	207607	9.951	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.51%			
83) 4-Bromofluorobenzene	9.318	95	68575	9.493	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.93%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D. d		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	1.881	76	303	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	2.421	43	6727	7.427	ug/L	97
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	4.257	83	87	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A10.D
Acq On : 24 Sep 2020 12:49
Operator : ELAINE:AJK
Sample : 12039431-02,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:02:30 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0		N.D.	
39)	2-Butanone	0.000		0		N.D.	
41)	Benzene	0.000		0		N.D.	
44)	1,2-Dichloroethane	0.000		0		N.D.	
47)	Methyl cyclohexane	0.000		0		N.D.	
48)	Trichloroethene	0.000		0		N.D.	
51)	1,2-Dichloropropane	0.000		0		N.D.	
54)	Bromodichloromethane	0.000		0		N.D.	
57)	1,4-Dioxane	0.000		0		N.D.	
58)	cis-1,3-Dichloropropene	0.000		0		N.D.	
61)	Toluene	0.000		0		N.D.	
62)	4-Methyl-2-pentanone	0.000		0		N.D.	
63)	Tetrachloroethene	0.000		0		N.D.	
65)	trans-1,3-Dichloropropene	0.000		0		N.D.	
68)	1,1,2-Trichloroethane	0.000		0		N.D.	
69)	Chlorodibromomethane	0.000		0		N.D.	
71)	1,2-Dibromoethane	0.000		0		N.D.	
72)	2-Hexanone	8.333	43	116		N.D.	
73)	Chlorobenzene	0.000		0		N.D.	
74)	Ethylbenzene	8.550	91	87		N.D.	
76)	p/m Xylene	8.653	106	66		N.D.	
77)	o Xylene	0.000		0		N.D.	
78)	Styrene	0.000		0		N.D.	
80)	Bromoform	0.000		0		N.D.	
82)	Isopropylbenzene	9.321	105	52		N.D.	
87)	1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
100)	1,3-Dichlorobenzene	9.944	146	27		N.D.	
101)	1,4-Dichlorobenzene	9.944	146	27		N.D.	
104)	1,2-Dichlorobenzene	0.000		0		N.D.	
106)	1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
109)	1,2,4-Trichlorobenzene	0.000		0		N.D.	
111)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

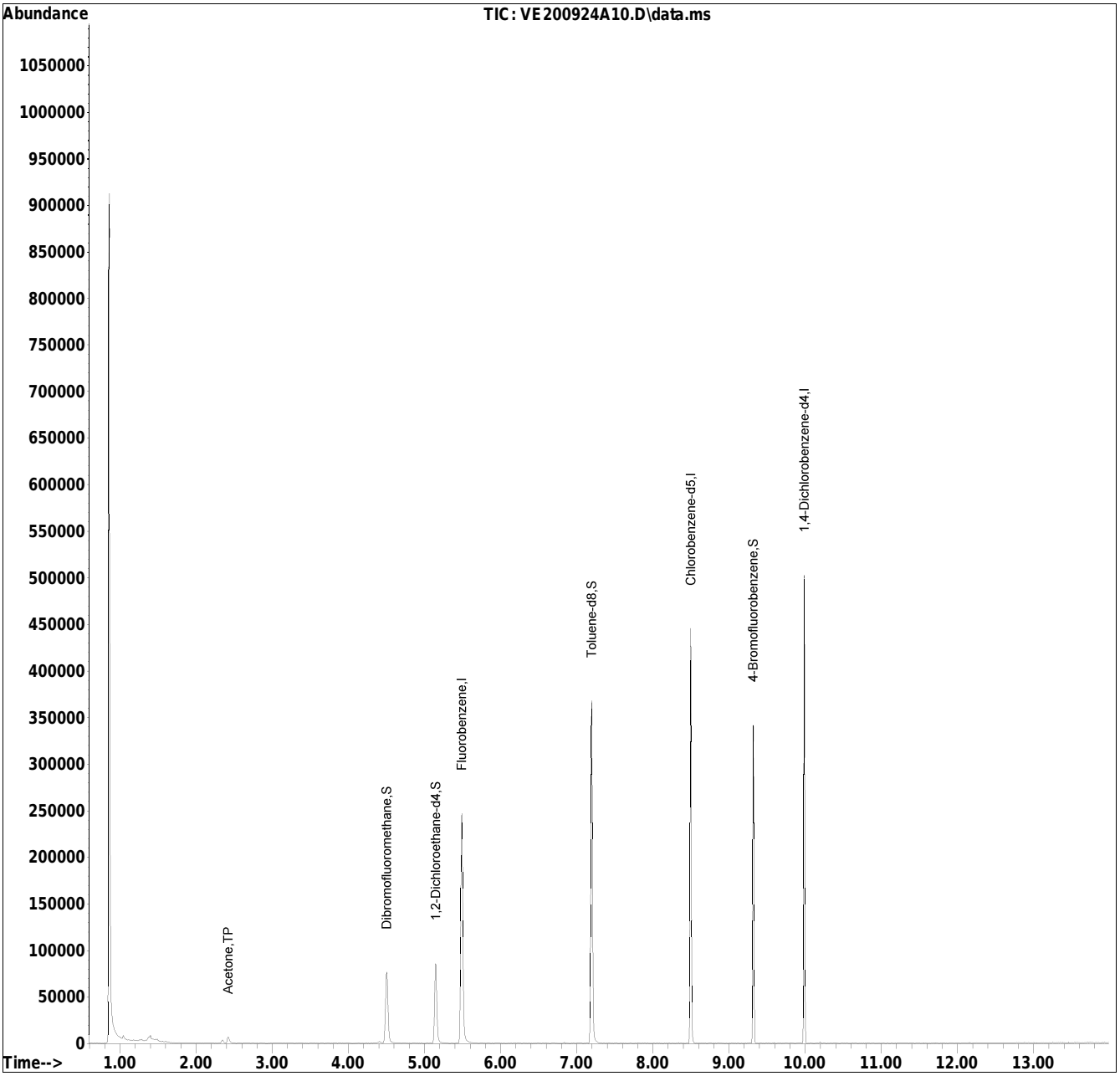
(#) = qualifier out of range (m) = manual integration (+) = signals summed

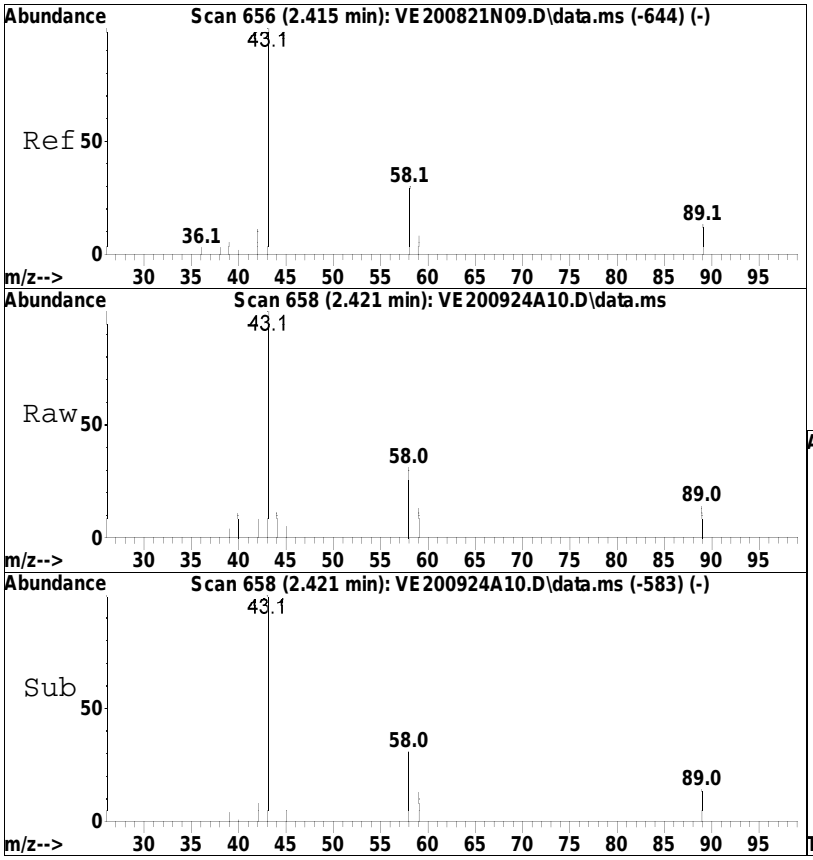
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A10.D
Acq On : 24 Sep 2020 12:49
Operator : ELAINE:AJK
Sample : l2039431-02,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:02:30 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist924A01.D•

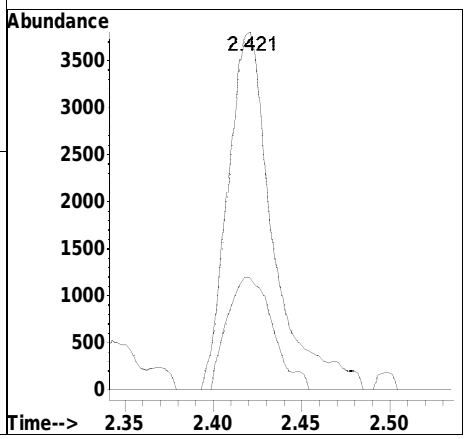




#17
Acetone
Concen: 7.43 ug/L
RT: 2.421 min Scan# 658
Delta R.T. 0.008 min
Lab File: VE200924A10.D
Acq: 24 Sep 2020 12:49

Tgt Ion: 43 Resp: 6727

Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.2	36.4



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2020\2Q	Method	: Elaine_200821N_8260.m
Data File	: VE200924A10.D	Operator	: ELAINE:AJK
Date Inj'd	: 9/24/2020 12:49	Instrument	: Elaine
Sample	: 12039431-02,31,10,10,,a	Quant Date	: 9/24/2020 3:31 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A10.D
Acq On : 24 Sep 2020 12:49
Operator : ELAINE:AJK
Sample : 12039431-02,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE200924A10.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.502	1389	1406	1430	rBV2	76067	171795	29.77%	6.310%
2	5.147	1621	1638	1671	rBV2	85571	172884	29.96%	6.350%
3	5.490	1745	1761	1800	rBV	246506	483773	83.83%	17.769%
4	7.195	2360	2374	2412	rBV	367868	577087	100.00%	21.196%
5	8.497	2830	2842	2863	rBV	445271	496478	86.03%	18.235%
6	9.318	3128	3137	3150	rVB	341745	347708	60.25%	12.771%
7	9.989	3367	3378	3393	rVB	502142	472875	81.94%	17.369%

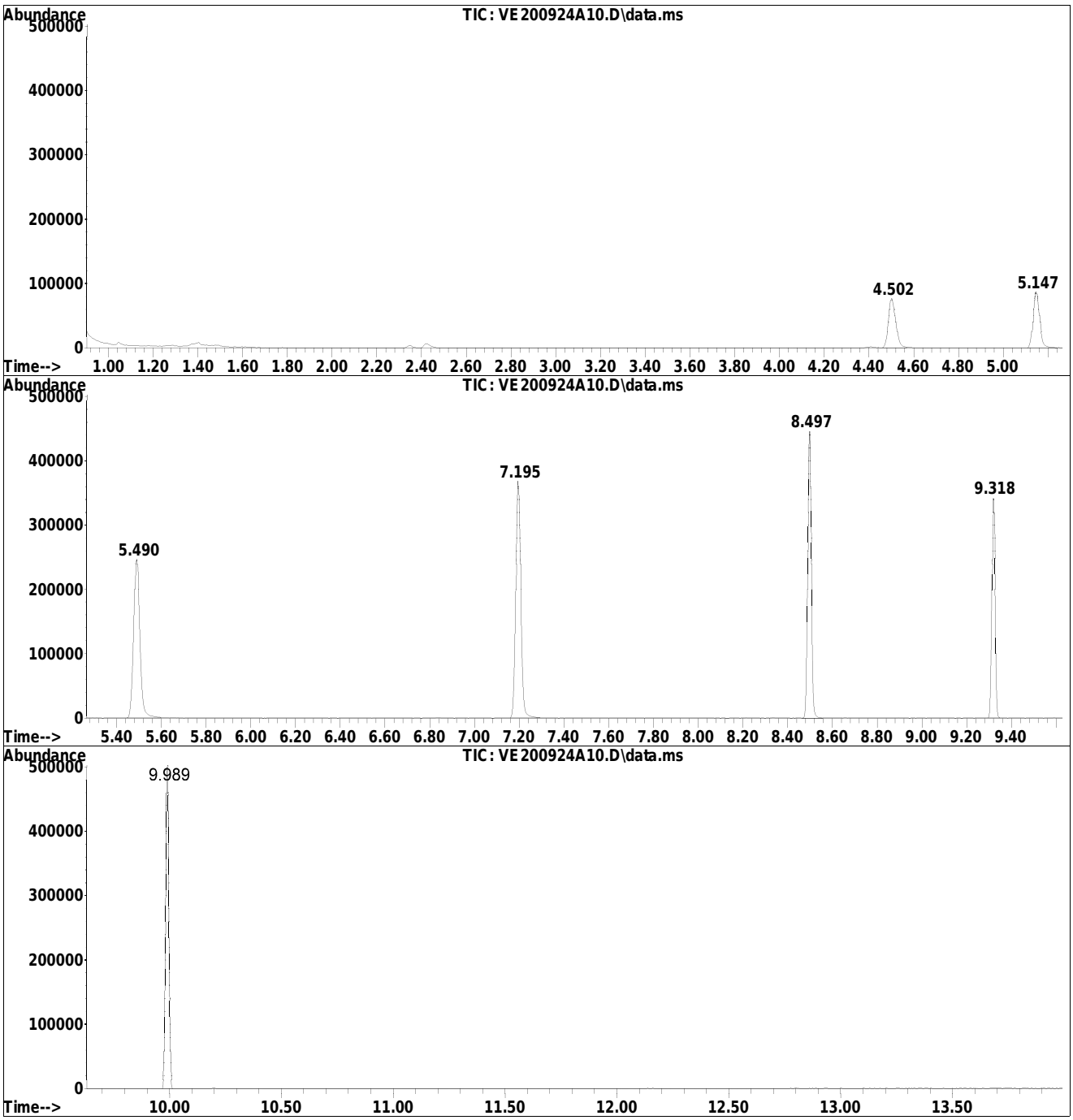
Sum of corrected areas: 2722600

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A10.D
Acq On : 24 Sep 2020 12:49
Operator : ELAINE:AJK
Sample : l2039431-02,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A10.D
Acq On : 24 Sep 2020 12:49
Operator : ELAINE:AJK
Sample : l2039431-02,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A10.D
Acq On : 24 Sep 2020 12:49
Operator : ELAINE:AJK
Sample : 12039431-02,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A11.D
Acq On : 24 Sep 2020 13:11
Operator : ELAINE:AJK
Sample : 12039431-03,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:03:11 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.490	96	215608	10.000 ug/L	0.00
Standard Area 1 = 253225			Recovery = 85.14%		
59) Chlorobenzene-d5	8.497	117	163109	10.000 ug/L	0.00
Standard Area 1 = 188758			Recovery = 86.41%		
79) 1,4-Dichlorobenzene-d4	9.988	152	79948	10.000 ug/L	0.00
Standard Area 1 = 98053			Recovery = 81.54%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.505	113	54863	10.381 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.81%		
43) 1,2-Dichloroethane-d4	5.147	65	59498	9.812 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.12%		
60) Toluene-d8	7.195	98	203806	9.752 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.52%		
83) 4-Bromofluorobenzene	9.321	95	68361	9.601 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.01%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.066	50	134	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D. d	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	1.875	76	507	0.071 ug/L #	76
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	2.426	43	699M1	0.787 ug/L	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A11.D
Acq On : 24 Sep 2020 13:11
Operator : ELAINE:AJK
Sample : 12039431-03,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:03:11 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
47) Methyl cyclohexane	0.000		0		N.D.	
48) Trichloroethene	5.567	95	128		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	0.000		0		N.D.	d
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	8.550	91	185		N.D.	
76) p/m Xylene	8.656	106	197		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	10.000	146	97		N.D.	
101) 1,4-Dichlorobenzene	10.000	146	97		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

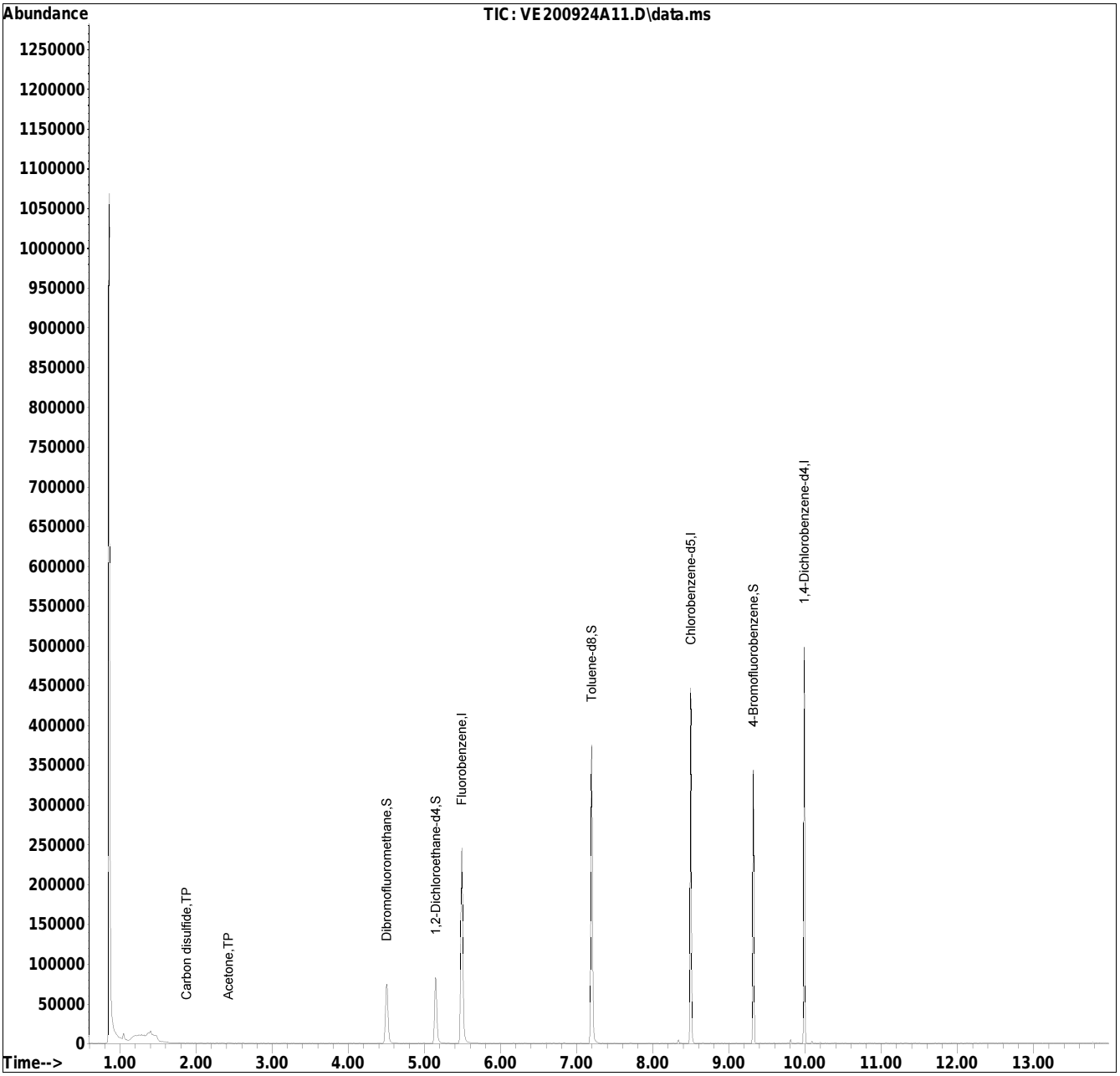
(#) = qualifier out of range (m) = manual integration (+) = signals summed

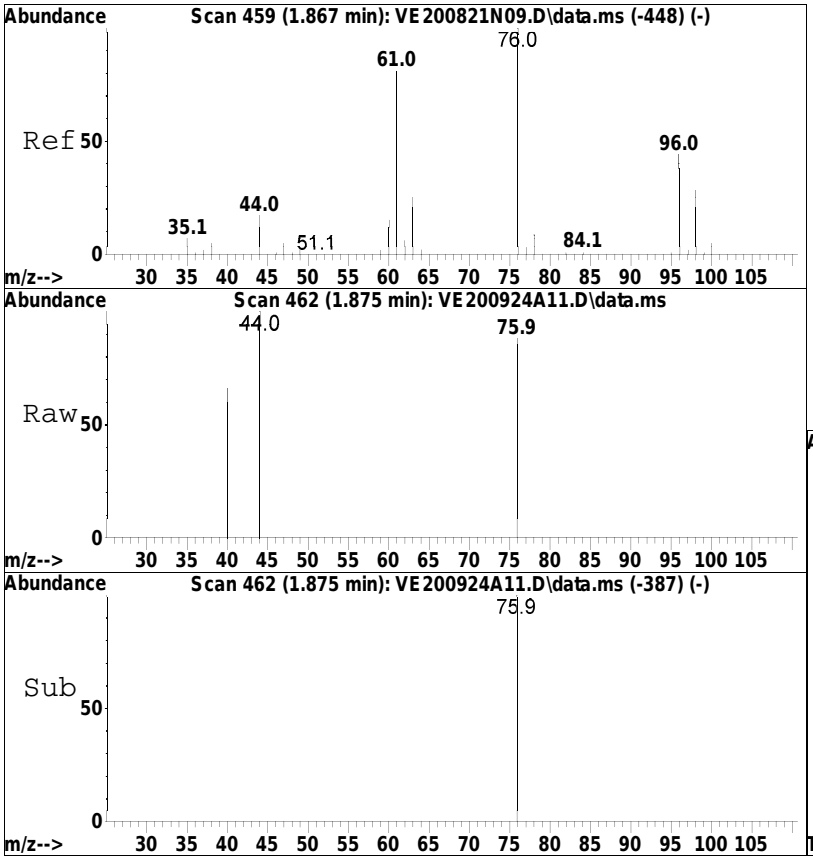
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A11.D
Acq On : 24 Sep 2020 13:11
Operator : ELAINE:AJK
Sample : l2039431-03,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:03:11 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist924A01.D•

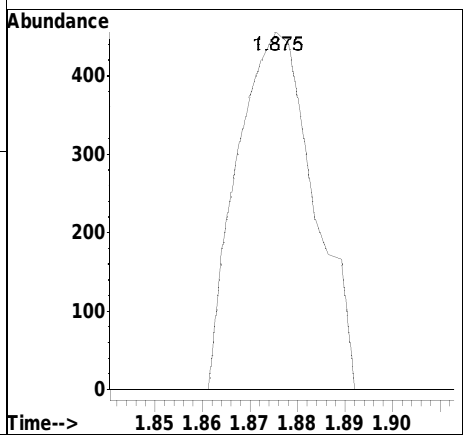


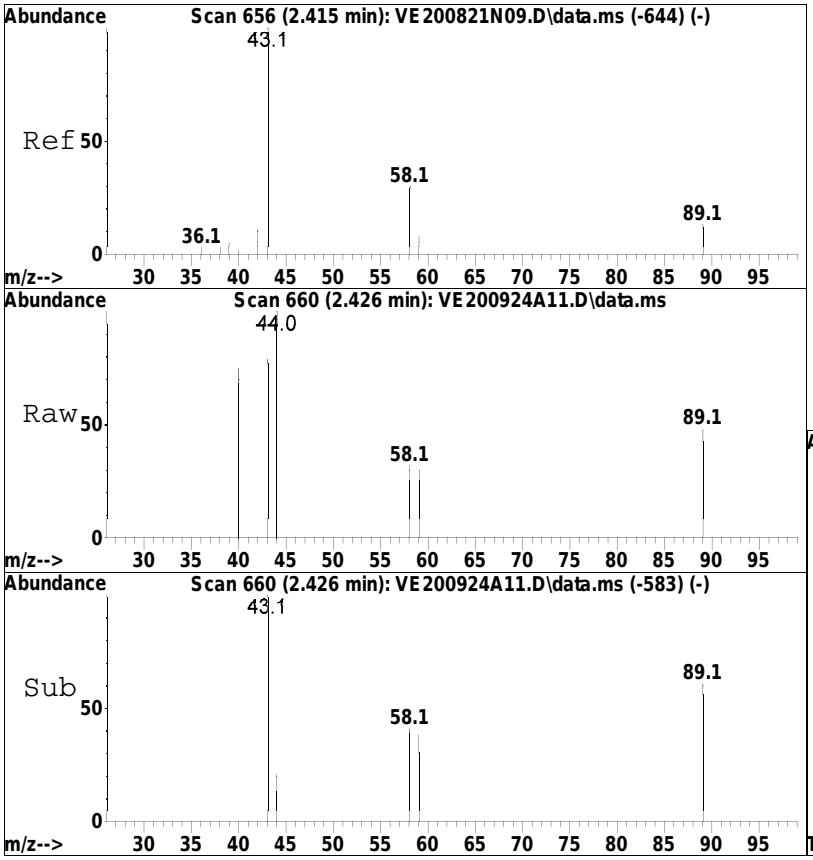


#11
Carbon disulfide
Concen: 0.07 ug/L
RT: 1.875 min Scan# 462
Delta R.T. 0.008 min
Lab File: VE200924A11.D
Acq: 24 Sep 2020 13:11

Tgt Ion: 76 Resp: 507

Ion	Ratio	Lower	Upper
76	100		
78	0.0	5.7	11.7#

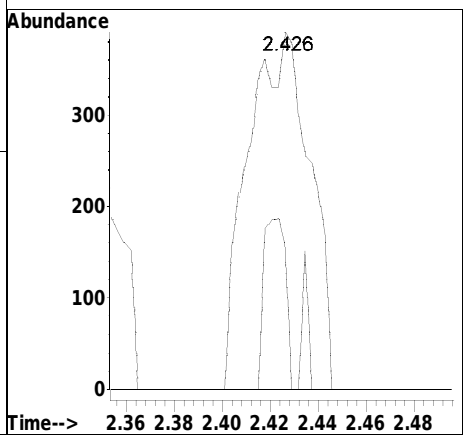




#17
Acetone
Concen: 0.79 ug/L M1
RT: 2.426 min Scan# 660
Delta R.T. 0.013 min
Lab File: VE200924A11.D
Acq: 24 Sep 2020 13:11

Tgt Ion: 43 Resp: 699

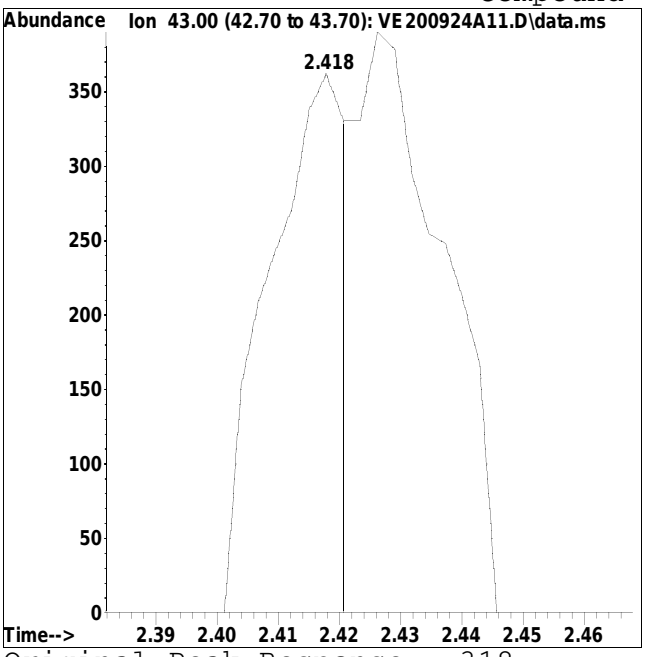
Ion	Ratio	Lower	Upper
43	100		
58	16.9	24.2	36.4#



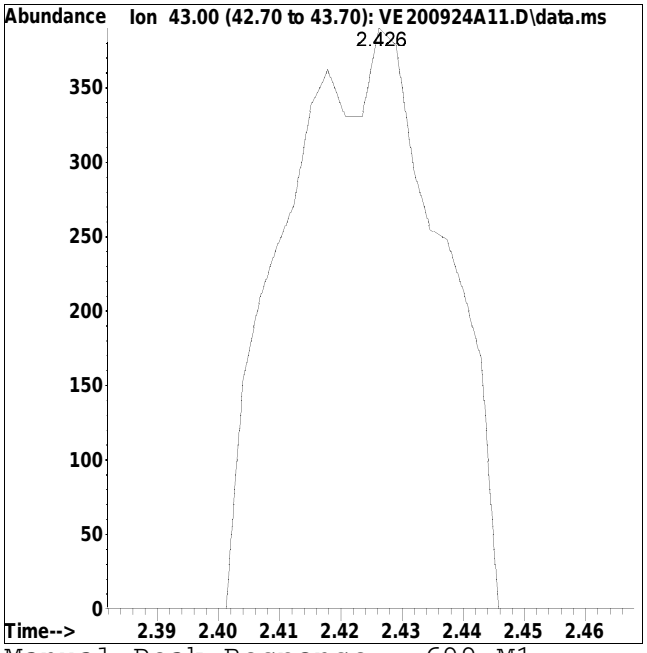
Manual Integration Report

Data Path : I:\VOLATILES\Elaine\2020\2QMethod : Elaine_200821N_8260.m
Data File : VE200924A11.D Operator : ELAINE:AJK
Date Inj'd : 9/24/2020 13:11 Instrument : Elaine
Sample : 12039431-03,31,10,10,,a Quant Date : 9/24/2020 3:31 pm

Compound #17: Acetone



Original Peak Response = 318



Manual Peak Response = 699 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A11.D
Acq On : 24 Sep 2020 13:11
Operator : ELAINE:AJK
Sample : 12039431-03,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE200924A11.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.505	1386	1407	1440	rBV	74791	173693	30.46%	6.448%
2	5.145	1619	1637	1664	rBV	82757	169867	29.79%	6.306%
3	5.490	1744	1761	1791	rBV	245718	478146	83.84%	17.749%
4	7.195	2357	2374	2412	rBV	375490	570280	100.00%	21.169%
5	8.497	2830	2842	2859	rBV	446813	491822	86.24%	18.257%
6	9.321	3128	3138	3150	rBV	343979	345002	60.50%	12.807%
7	9.988	3368	3378	3395	rVB	498347	465077	81.55%	17.264%

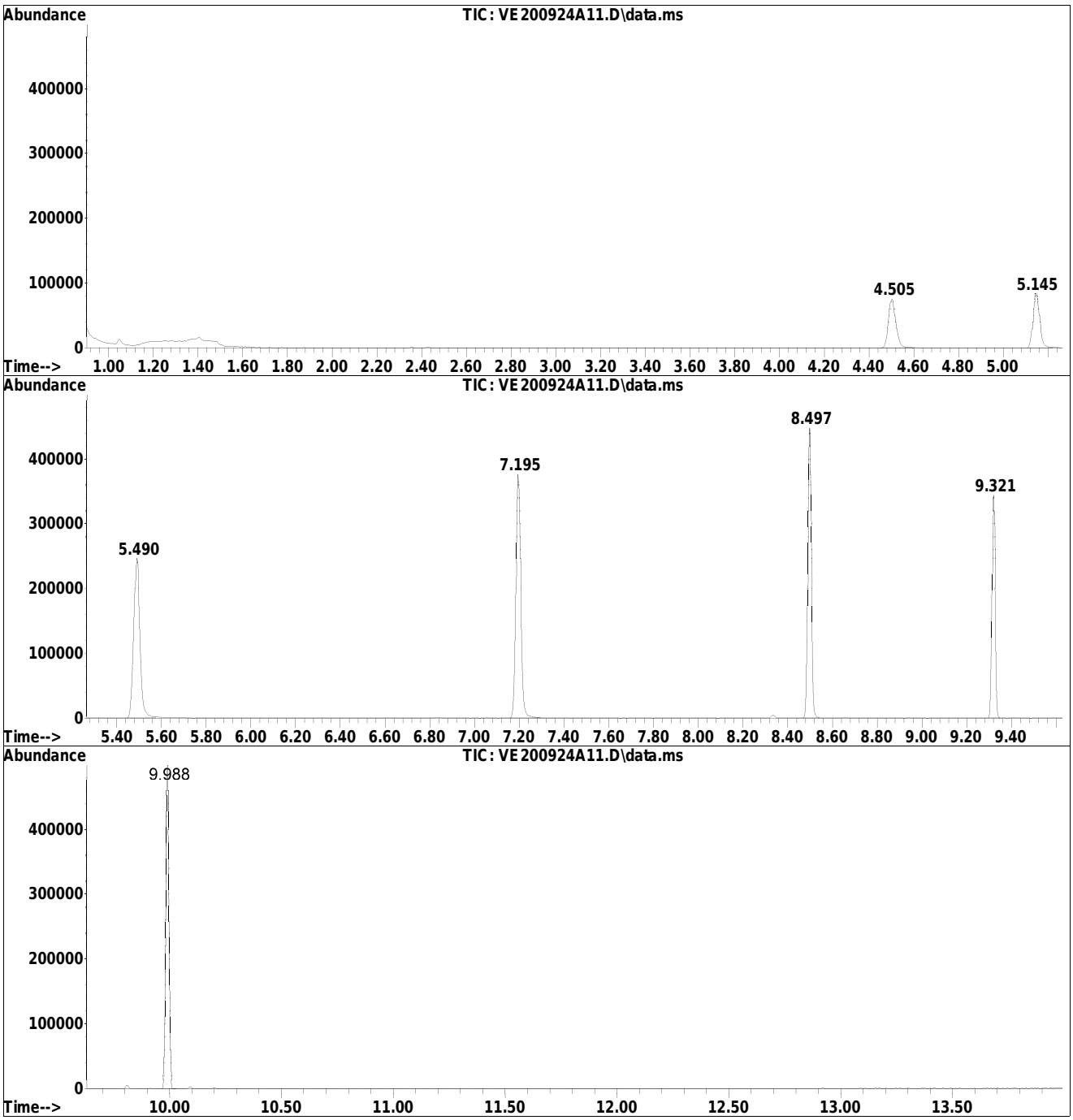
Sum of corrected areas: 2693887

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A11.D
Acq On : 24 Sep 2020 13:11
Operator : ELAINE:AJK
Sample : 12039431-03,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A11.D
Acq On : 24 Sep 2020 13:11
Operator : ELAINE:AJK
Sample : l2039431-03,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A11.D
Acq On : 24 Sep 2020 13:11
Operator : ELAINE:AJK
Sample : 12039431-03,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A12.D
Acq On : 24 Sep 2020 13:33
Operator : ELAINE:AJK
Sample : 12039431-04,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:03:26 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.490	96	215374	10.000	ug/L	0.00
Standard Area 1 = 253225			Recovery = 85.05%			
59) Chlorobenzene-d5	8.497	117	162484	10.000	ug/L	0.00
Standard Area 1 = 188758			Recovery = 86.08%			
79) 1,4-Dichlorobenzene-d4	9.988	152	79231	10.000	ug/L	0.00
Standard Area 1 = 98053			Recovery = 80.80%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.505	113	54039	10.236	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.36%			
43) 1,2-Dichloroethane-d4	5.147	65	57879	9.556	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.56%			
60) Toluene-d8	7.195	98	203530	9.776	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.76%			
83) 4-Bromofluorobenzene	9.318	95	67698	9.594	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.066	50	55	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.	d	
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	1.875	76	407	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	2.415	43	1301	1.466	ug/L #	79
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A12.D
Acq On : 24 Sep 2020 13:33
Operator : ELAINE:AJK
Sample : 12039431-04,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:03:26 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0		N.D.	
39)	2-Butanone	0.000		0		N.D.	
41)	Benzene	4.961	78	57		N.D.	
44)	1,2-Dichloroethane	0.000		0		N.D.	
47)	Methyl cyclohexane	0.000		0		N.D.	
48)	Trichloroethene	5.673	95	53		N.D.	
51)	1,2-Dichloropropane	0.000		0		N.D.	
54)	Bromodichloromethane	0.000		0		N.D.	
57)	1,4-Dioxane	0.000		0		N.D.	
58)	cis-1,3-Dichloropropene	0.000		0		N.D.	
61)	Toluene	0.000		0		N.D.	
62)	4-Methyl-2-pentanone	0.000		0		N.D.	
63)	Tetrachloroethene	0.000		0		N.D.	
65)	trans-1,3-Dichloropropene	0.000		0		N.D.	
68)	1,1,2-Trichloroethane	0.000		0		N.D.	
69)	Chlorodibromomethane	0.000		0		N.D.	
71)	1,2-Dibromoethane	0.000		0		N.D.	
72)	2-Hexanone	8.333	43	139		N.D.	
73)	Chlorobenzene	0.000		0		N.D.	
74)	Ethylbenzene	8.544	91	144		N.D.	
76)	p/m Xylene	8.547	106	104		N.D.	
77)	o Xylene	0.000		0		N.D.	
78)	Styrene	0.000		0		N.D.	
80)	Bromoform	0.000		0		N.D.	
82)	Isopropylbenzene	0.000		0		N.D.	
87)	1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
100)	1,3-Dichlorobenzene	9.994	146	53		N.D.	
101)	1,4-Dichlorobenzene	9.994	146	53		N.D.	
104)	1,2-Dichlorobenzene	0.000		0		N.D.	
106)	1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
109)	1,2,4-Trichlorobenzene	0.000		0		N.D.	
111)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

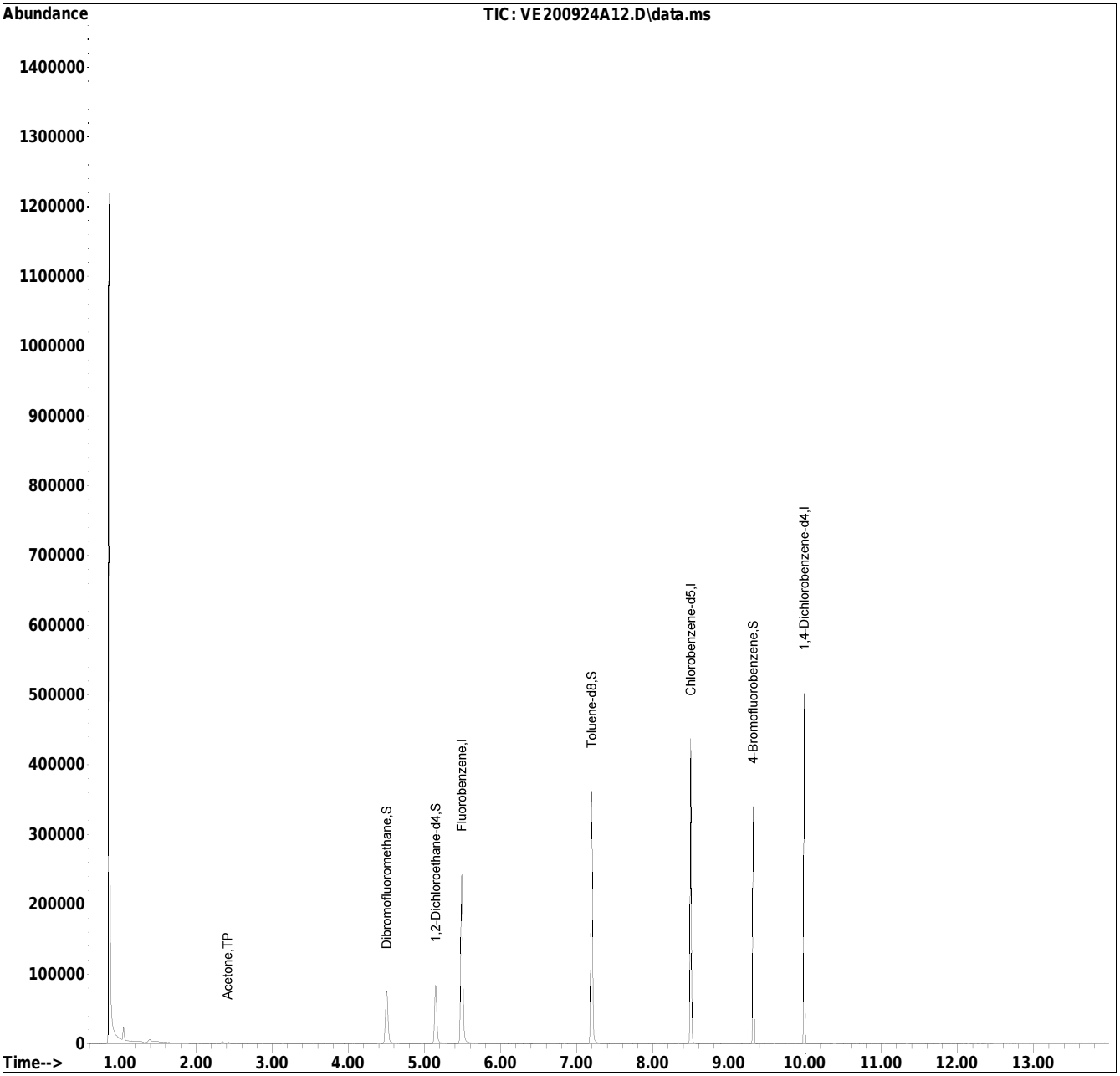
(#) = qualifier out of range (m) = manual integration (+) = signals summed

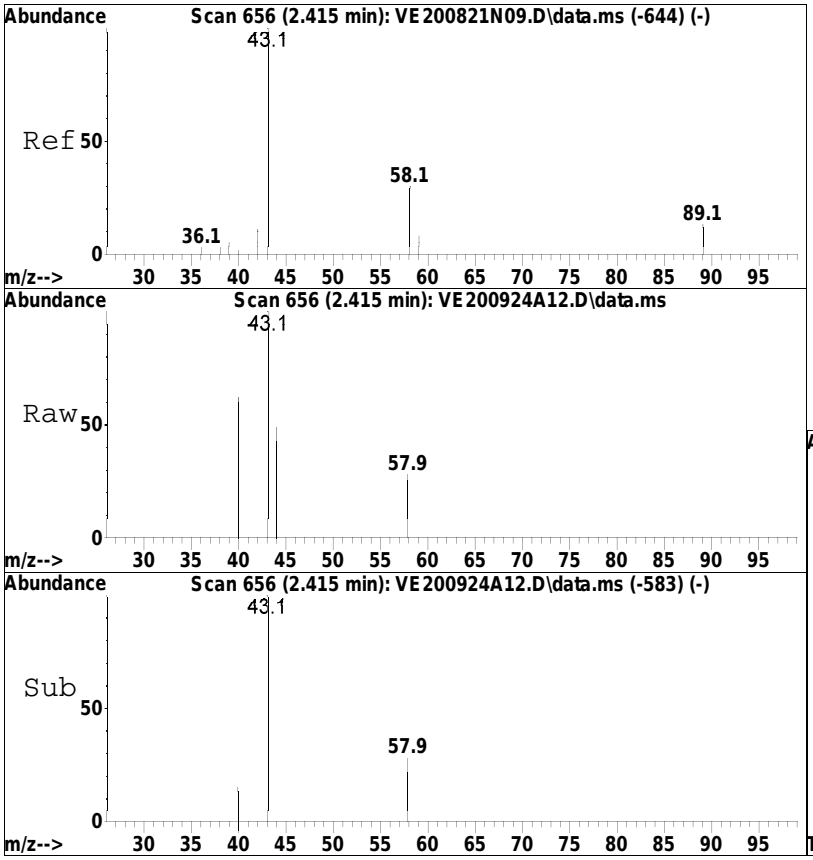
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A12.D
Acq On : 24 Sep 2020 13:33
Operator : ELAINE:AJK
Sample : l2039431-04,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:03:26 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist924A01.D•

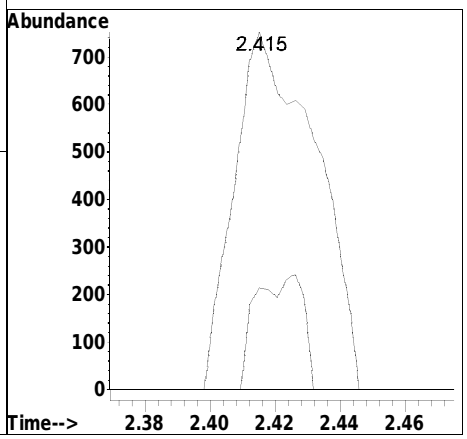




#17
Acetone
Concen: 1.47 ug/L
RT: 2.415 min Scan# 656
Delta R.T. 0.002 min
Lab File: VE200924A12.D
Acq: 24 Sep 2020 13:33

Tgt Ion: 43 Resp: 1301

Ion	Ratio	Lower	Upper
43	100		
58	18.8	24.2	36.4#



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2020\2Q	Method	: Elaine_200821N_8260.m
Data File	: VE200924A12.D	Operator	: ELAINE:AJK
Date Inj'd	: 9/24/2020 13:33	Instrument	: Elaine
Sample	: 12039431-04,31,10,10,,a	Quant Date	: 9/24/2020 3:31 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A12.D
Acq On : 24 Sep 2020 13:33
Operator : ELAINE:AJK
Sample : 12039431-04,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE200924A12.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.046	158	164	176	rVB	19715	22594	4.00%	0.837%
2	4.502	1387	1406	1430	rBV3	74758	173391	30.70%	6.423%
3	5.147	1620	1638	1675	rBV2	83404	171715	30.41%	6.361%
4	5.490	1741	1761	1791	rBV	242320	473892	83.91%	17.556%
5	7.195	2359	2374	2394	rBV	361820	564741	100.00%	20.921%
6	8.497	2829	2842	2858	rBV	436804	486524	86.15%	18.024%
7	9.318	3126	3137	3152	rVB	339737	343494	60.82%	12.725%
8	9.988	3364	3378	3394	rVB	501598	463002	81.98%	17.152%

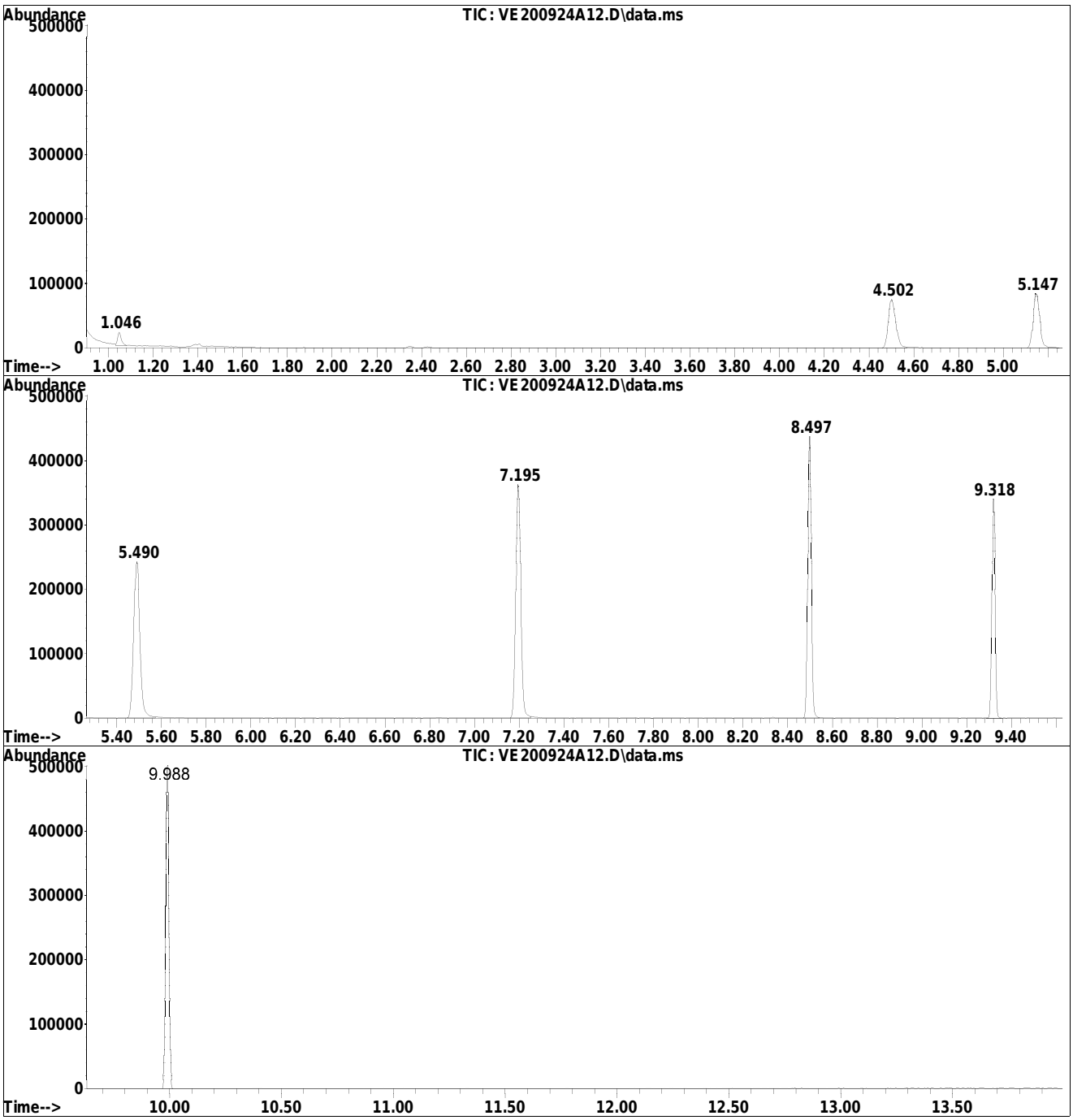
Sum of corrected areas: 2699353

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A12.D
Acq On : 24 Sep 2020 13:33
Operator : ELAINE:AJK
Sample : l2039431-04,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A12.D
Acq On : 24 Sep 2020 13:33
Operator : ELAINE:AJK
Sample : l2039431-04,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A12.D
Acq On : 24 Sep 2020 13:33
Operator : ELAINE:AJK
Sample : 12039431-04,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A13.D
Acq On : 24 Sep 2020 13:55
Operator : ELAINE:AJK
Sample : 12039431-05,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:03:49 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.490	96	216535	10.000	ug/L	0.00
Standard Area 1 = 253225			Recovery = 85.51%			
59) Chlorobenzene-d5	8.497	117	164671	10.000	ug/L	0.00
Standard Area 1 = 188758			Recovery = 87.24%			
79) 1,4-Dichlorobenzene-d4	9.988	152	80149	10.000	ug/L	0.00
Standard Area 1 = 98053			Recovery = 81.74%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.505	113	53826	10.141	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.41%			
43) 1,2-Dichloroethane-d4	5.147	65	59714	9.806	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.06%			
60) Toluene-d8	7.195	98	204263	9.681	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.81%			
83) 4-Bromofluorobenzene	9.318	95	67559	9.465	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.65%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.063	50	145	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.325	94	55	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	1.875	76	1318	0.184	ug/L #	87
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A13.D
Acq On : 24 Sep 2020 13:55
Operator : ELAINE:AJK
Sample : 12039431-05,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:03:49 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0		N.D.	
39)	2-Butanone	0.000		0		N.D.	
41)	Benzene	0.000		0		N.D.	
44)	1,2-Dichloroethane	0.000		0		N.D.	
47)	Methyl cyclohexane	0.000		0		N.D.	
48)	Trichloroethene	5.593	95	28		N.D.	
51)	1,2-Dichloropropane	0.000		0		N.D.	
54)	Bromodichloromethane	0.000		0		N.D.	
57)	1,4-Dioxane	0.000		0		N.D.	
58)	cis-1,3-Dichloropropene	0.000		0		N.D.	
61)	Toluene	0.000		0		N.D.	
62)	4-Methyl-2-pentanone	0.000		0		N.D.	
63)	Tetrachloroethene	0.000		0		N.D.	
65)	trans-1,3-Dichloropropene	0.000		0		N.D.	
68)	1,1,2-Trichloroethane	0.000		0		N.D.	
69)	Chlorodibromomethane	0.000		0		N.D.	
71)	1,2-Dibromoethane	0.000		0		N.D.	
72)	2-Hexanone	0.000		0		N.D.	
73)	Chlorobenzene	0.000		0		N.D.	
74)	Ethylbenzene	8.544	91	168		N.D.	
76)	p/m Xylene	8.659	106	103		N.D.	
77)	o Xylene	0.000		0		N.D.	
78)	Styrene	0.000		0		N.D.	
80)	Bromoform	0.000		0		N.D.	
82)	Isopropylbenzene	0.000		0		N.D.	
87)	1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
100)	1,3-Dichlorobenzene	9.944	146	56		N.D.	
101)	1,4-Dichlorobenzene	9.997	146	52		N.D.	
104)	1,2-Dichlorobenzene	0.000		0		N.D.	
106)	1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
109)	1,2,4-Trichlorobenzene	0.000		0		N.D.	
111)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

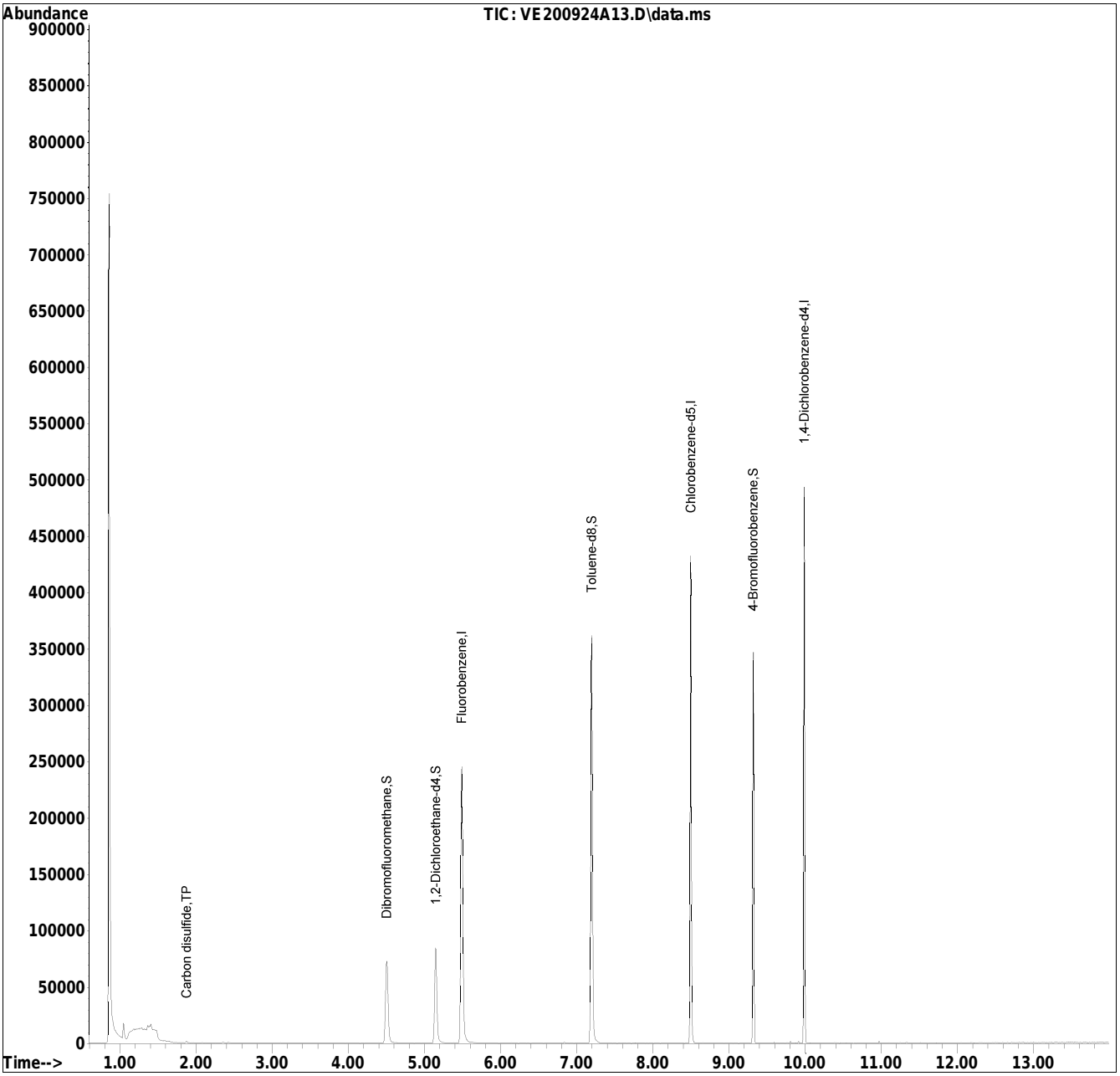
(#) = qualifier out of range (m) = manual integration (+) = signals summed

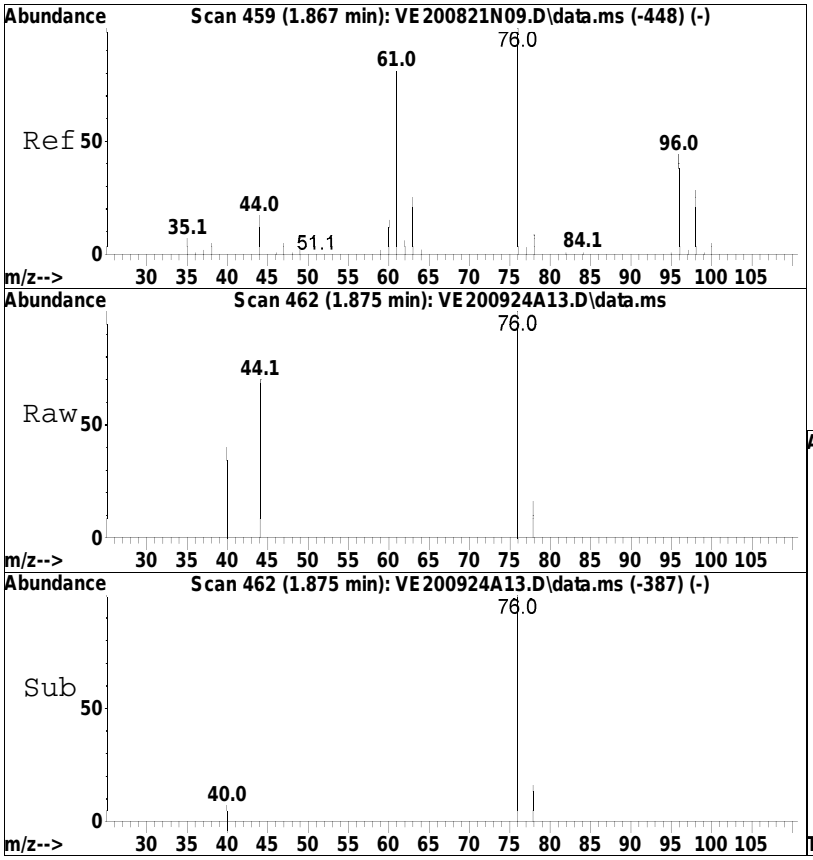
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A13.D
Acq On : 24 Sep 2020 13:55
Operator : ELAINE:AJK
Sample : l2039431-05,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:03:49 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist924A01.D•

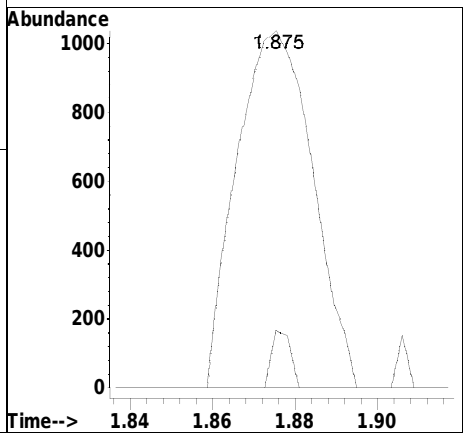




#11
Carbon disulfide
Concen: 0.18 ug/L
RT: 1.875 min Scan# 462
Delta R.T. 0.008 min
Lab File: VE200924A13.D
Acq: 24 Sep 2020 13:55

Tgt Ion: 76 Resp: 1318

Ion	Ratio	Lower	Upper
76	100		
78	4.0	5.7	11.7#



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2020\2Q	Method	: Elaine_200821N_8260.m
Data File	: VE200924A13.D	Operator	: ELAINE:AJK
Date Inj'd	: 9/24/2020 13:55	Instrument	: Elaine
Sample	: 12039431-05,31,10,10,,a	Quant Date	: 9/24/2020 3:31 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A13.D
Acq On : 24 Sep 2020 13:55
Operator : ELAINE:AJK
Sample : 12039431-05,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE200924A13.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.046	158	164	177	rVB	14185	16959	3.00%	0.626%
2	4.502	1388	1406	1430	rBV2	72566	170883	30.23%	6.308%
3	5.147	1622	1638	1665	rBV2	84649	172920	30.59%	6.383%
4	5.490	1745	1761	1797	rBV	245184	478500	84.65%	17.664%
5	7.195	2358	2374	2397	rBV	361558	565237	100.00%	20.866%
6	8.497	2827	2842	2863	rBV	432201	489305	86.57%	18.063%
7	9.321	3124	3138	3149	rBV	346888	346656	61.33%	12.797%
8	9.988	3368	3378	3389	rBV	493370	468432	82.87%	17.292%

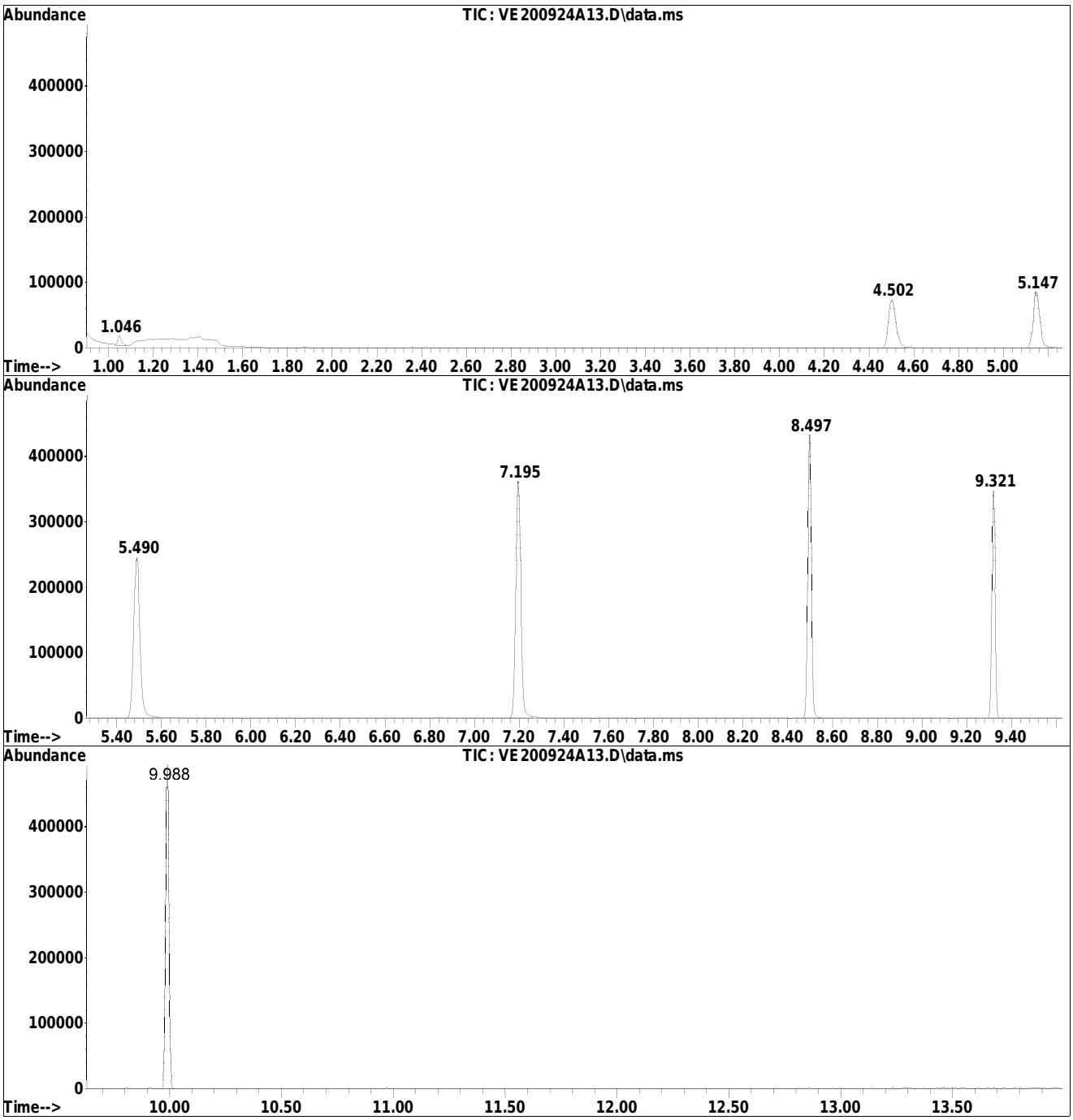
Sum of corrected areas: 2708892

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A13.D
Acq On : 24 Sep 2020 13:55
Operator : ELAINE:AJK
Sample : 12039431-05,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A13.D
Acq On : 24 Sep 2020 13:55
Operator : ELAINE:AJK
Sample : l2039431-05,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A13.D
Acq On : 24 Sep 2020 13:55
Operator : ELAINE:AJK
Sample : 12039431-05,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A14.D
Acq On : 24 Sep 2020 14:17
Operator : ELAINE:AJK
Sample : 12039431-06,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:04:12 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.490	96	213661	10.000 ug/L	0.00
Standard Area 1 = 253225			Recovery = 84.38%		
59) Chlorobenzene-d5	8.497	117	158693	10.000 ug/L	0.00
Standard Area 1 = 188758			Recovery = 84.07%		
79) 1,4-Dichlorobenzene-d4	9.988	152	77627	10.000 ug/L	0.00
Standard Area 1 = 98053			Recovery = 79.17%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.502	113	53047	10.128 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.28%		
43) 1,2-Dichloroethane-d4	5.147	65	59745	9.943 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.43%		
60) Toluene-d8	7.195	98	198755	9.775 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.75%		
83) 4-Bromofluorobenzene	9.318	95	66241	9.582 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.82%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.069	50	87	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.330	94	87	N.D.	
6) Chloroethane	0.000		0	N.D. d	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	1.873	76	679	0.096 ug/L #	76
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	2.418	43	9399	10.675 ug/L	92
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A14.D
Acq On : 24 Sep 2020 14:17
Operator : ELAINE:AJK
Sample : 12039431-06,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:04:12 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0		N.D.	
39)	2-Butanone	0.000		0		N.D.	
41)	Benzene	0.000		0		N.D.	
44)	1,2-Dichloroethane	5.234	62	26		N.D.	
47)	Methyl cyclohexane	0.000		0		N.D.	
48)	Trichloroethene	0.000		0		N.D.	
51)	1,2-Dichloropropane	0.000		0		N.D.	
54)	Bromodichloromethane	0.000		0		N.D.	
57)	1,4-Dioxane	0.000		0		N.D.	
58)	cis-1,3-Dichloropropene	0.000		0		N.D.	
61)	Toluene	0.000		0		N.D.	
62)	4-Methyl-2-pentanone	0.000		0		N.D.	
63)	Tetrachloroethene	0.000		0		N.D.	
65)	trans-1,3-Dichloropropene	0.000		0		N.D.	
68)	1,1,2-Trichloroethane	0.000		0		N.D.	
69)	Chlorodibromomethane	0.000		0		N.D.	
71)	1,2-Dibromoethane	0.000		0		N.D.	
72)	2-Hexanone	8.494	43	53		N.D.	
73)	Chlorobenzene	0.000		0		N.D.	
74)	Ethylbenzene	8.497	91	329		N.D.	
76)	p/m Xylene	8.656	106	88		N.D.	
77)	o Xylene	0.000		0		N.D.	
78)	Styrene	0.000		0		N.D.	
80)	Bromoform	0.000		0		N.D.	
82)	Isopropylbenzene	0.000		0		N.D.	
87)	1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
100)	1,3-Dichlorobenzene	9.991	146	25		N.D.	
101)	1,4-Dichlorobenzene	9.991	146	25		N.D.	
104)	1,2-Dichlorobenzene	0.000		0		N.D.	
106)	1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
109)	1,2,4-Trichlorobenzene	0.000		0		N.D.	
111)	1,2,3-Trichlorobenzene	0.000		0		N.D.	

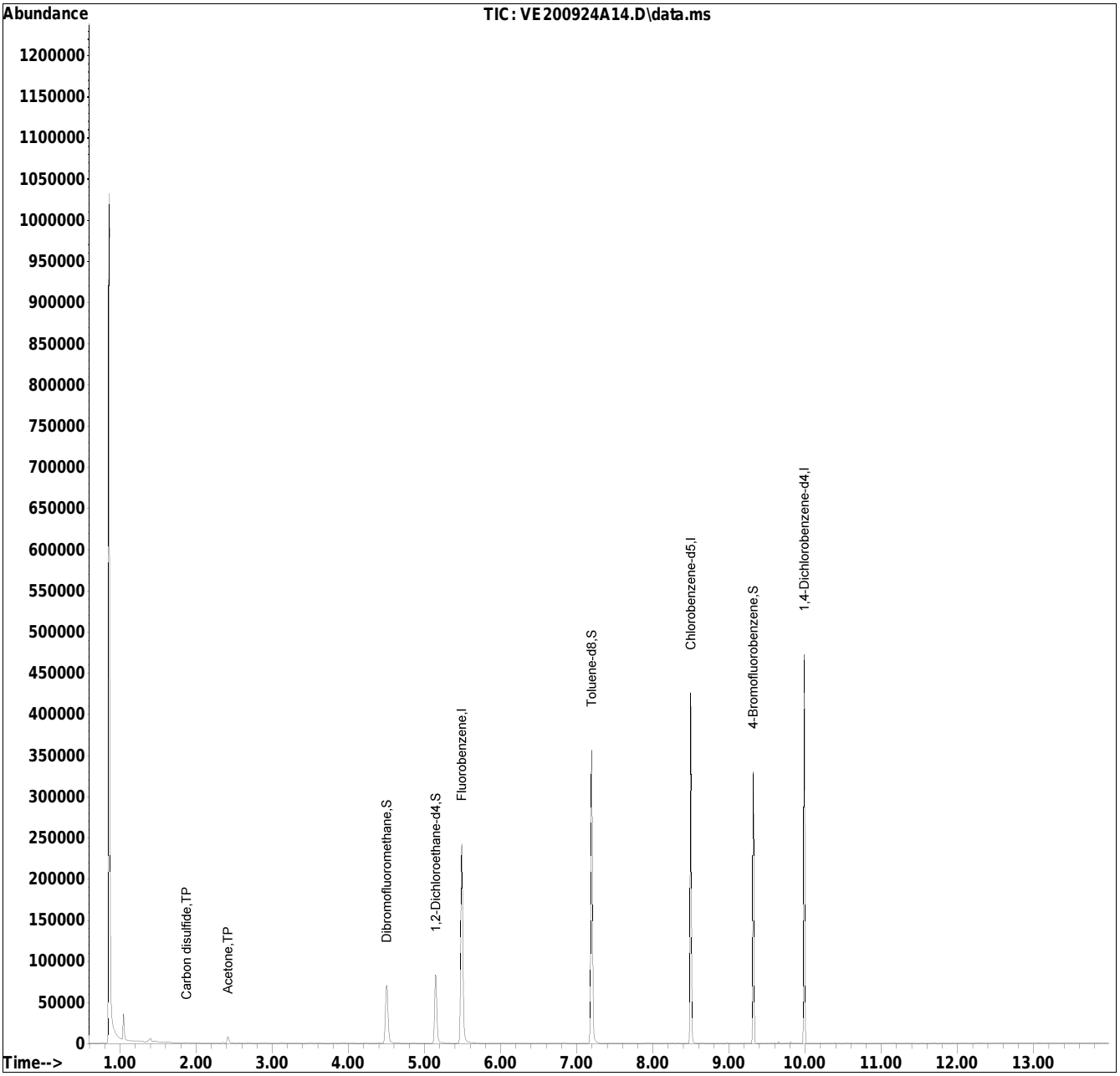
(#) = qualifier out of range (m) = manual integration (+) = signals summed

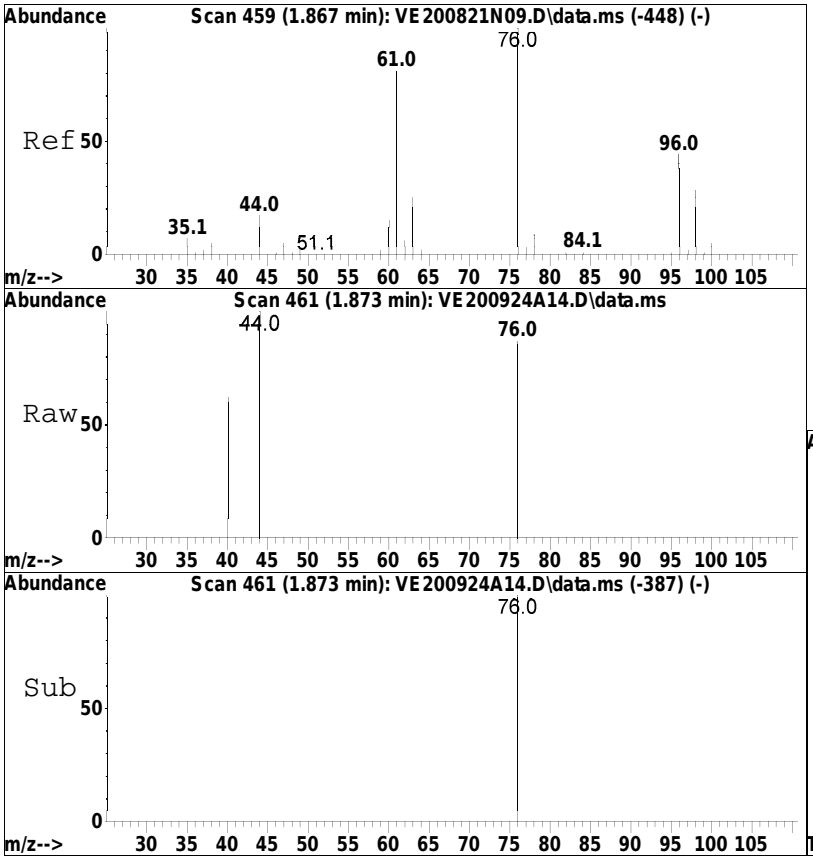
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A14.D
Acq On : 24 Sep 2020 14:17
Operator : ELAINE:AJK
Sample : l2039431-06,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:04:12 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist924A01.D•

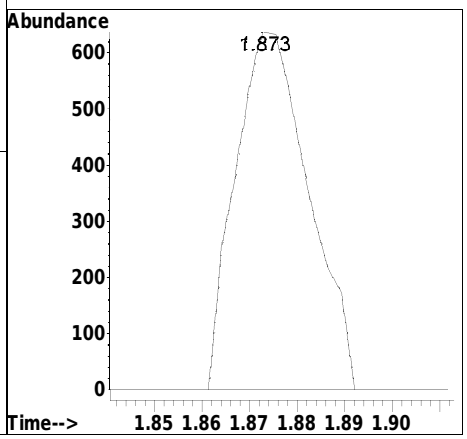


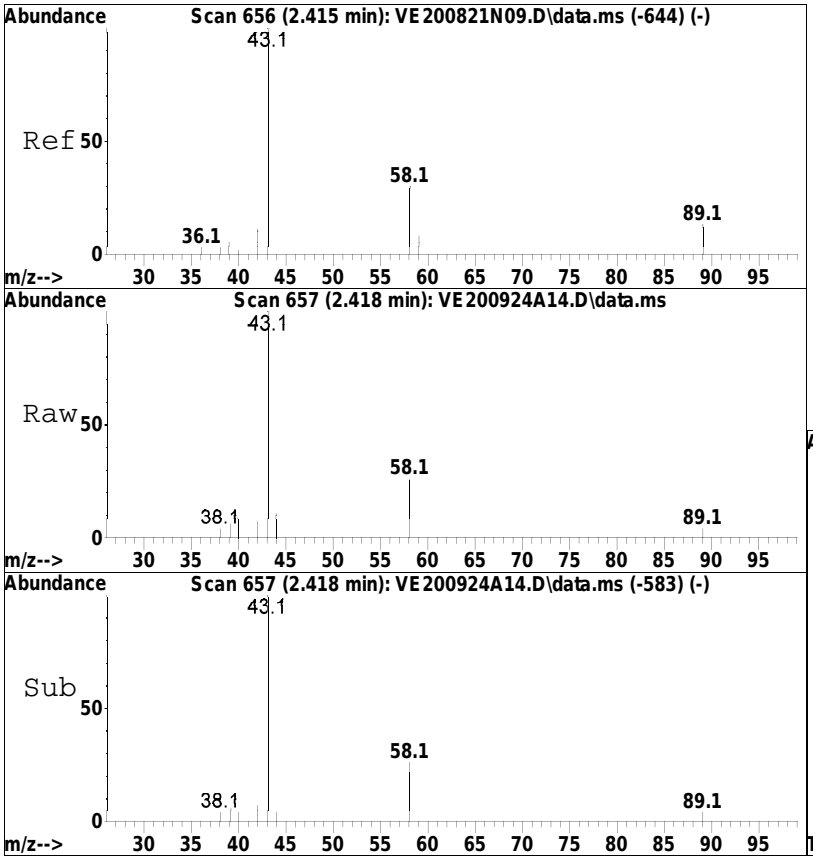


#11
Carbon disulfide
Concen: 0.10 ug/L
RT: 1.873 min Scan# 461
Delta R.T. 0.006 min
Lab File: VE200924A14.D
Acq: 24 Sep 2020 14:17

Tgt Ion: 76 Resp: 679

Ion	Ratio	Lower	Upper
76	100		
78	0.0	5.7	11.7#

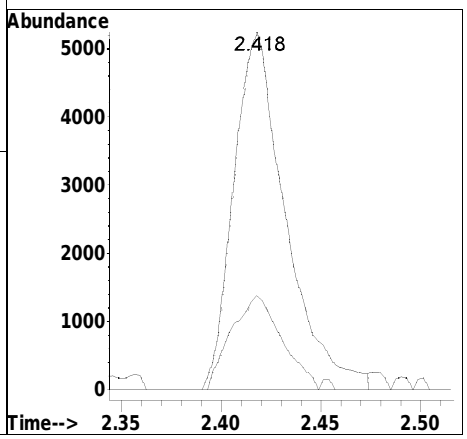




#17
Acetone
Concen: 10.67 ug/L
RT: 2.418 min Scan# 657
Delta R.T. 0.005 min
Lab File: VE200924A14.D
Acq: 24 Sep 2020 14:17

Tgt Ion: 43 Resp: 9399

Ion	Ratio	Lower	Upper
43	100		
58	25.8	24.2	36.4



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2020\2Q	Method	: Elaine_200821N_8260.m
Data File	: VE200924A14.D	Operator	: ELAINE:AJK
Date Inj'd	: 9/24/2020 14:17	Instrument	: Elaine
Sample	: 12039431-06,31,10,10,,a	Quant Date	: 9/24/2020 3:32 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A14.D
Acq On : 24 Sep 2020 14:17
Operator : ELAINE:AJK
Sample : 12039431-06,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE200924A14.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.046	157	164	186	rVB	32964	39596	7.11%	1.481%
2	4.505	1387	1407	1431	rBV4	70435	167616	30.11%	6.268%
3	5.145	1615	1637	1664	rBV2	83249	168952	30.35%	6.318%
4	5.490	1740	1761	1815	rBV	242341	473126	85.00%	17.691%
5	7.195	2356	2374	2419	rVB	356713	556648	100.00%	20.814%
6	8.497	2830	2842	2861	rBV	425743	479276	86.10%	17.921%
7	9.318	3127	3137	3152	rVB	330043	335280	60.23%	12.537%
8	9.988	3363	3378	3388	rVB	472326	453848	81.53%	16.970%

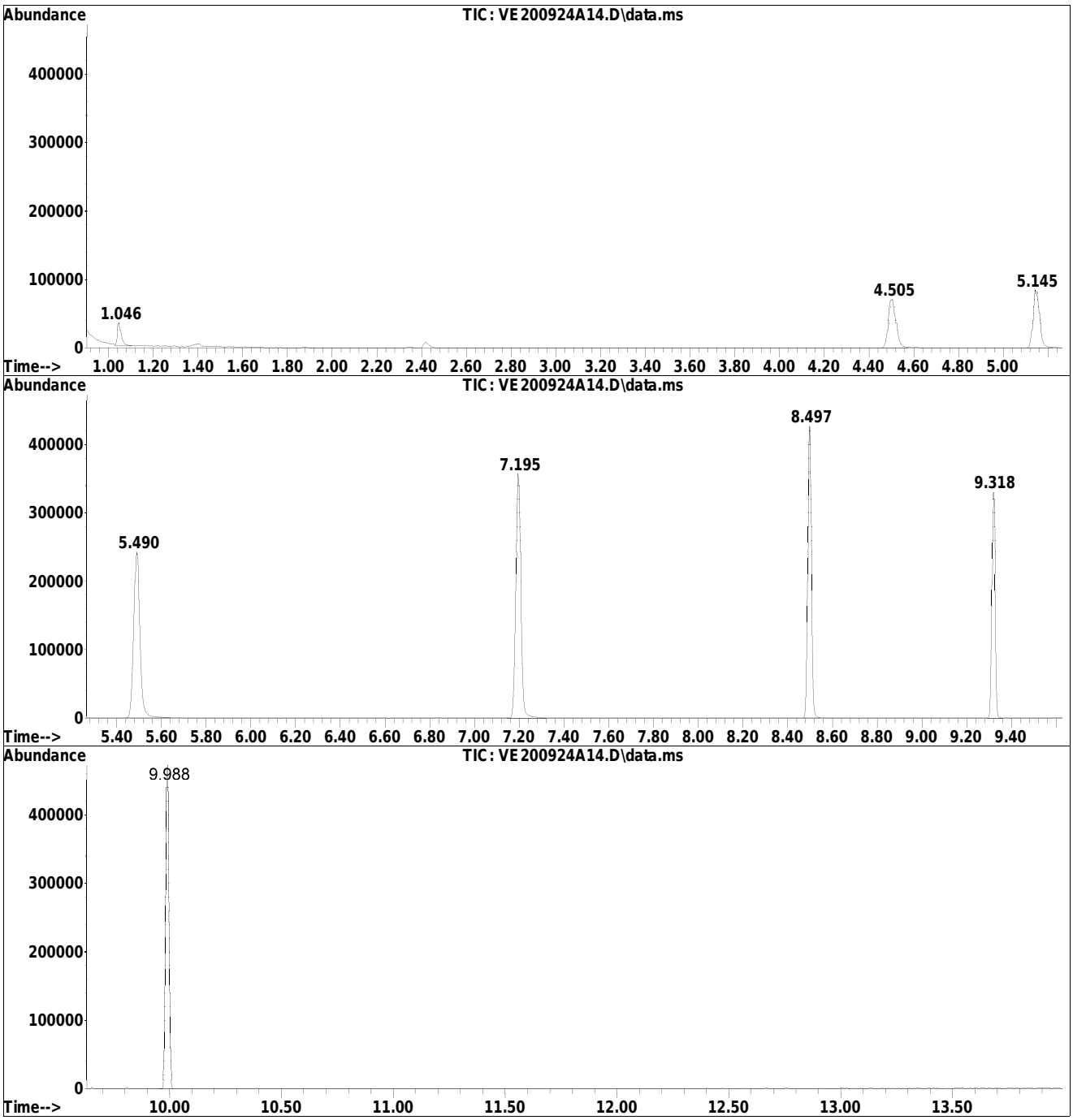
Sum of corrected areas: 2674342

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A14.D
Acq On : 24 Sep 2020 14:17
Operator : ELAINE:AJK
Sample : 12039431-06,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A14.D
Acq On : 24 Sep 2020 14:17
Operator : ELAINE:AJK
Sample : l2039431-06,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A14.D
Acq On : 24 Sep 2020 14:17
Operator : ELAINE:AJK
Sample : 12039431-06,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A15.D
Acq On : 24 Sep 2020 14:39
Operator : ELAINE:AJK
Sample : 12039431-07,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:04:34 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.490	96	210514	10.000	ug/L	0.00
Standard Area 1 = 253225			Recovery = 83.13%			
59) Chlorobenzene-d5	8.497	117	160936	10.000	ug/L	0.00
Standard Area 1 = 188758			Recovery = 85.26%			
79) 1,4-Dichlorobenzene-d4	9.988	152	77775	10.000	ug/L	0.00
Standard Area 1 = 98053			Recovery = 79.32%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.502	113	53486	10.365	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.65%			
43) 1,2-Dichloroethane-d4	5.145	65	58165	9.825	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.25%			
60) Toluene-d8	7.195	98	200552	9.726	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.26%			
83) 4-Bromofluorobenzene	9.318	95	67062	9.682	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.069	50	291	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.	d	
6) Chloroethane	0.000		0	N.D.	d	
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	1.873	76	377	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	2.424	43	909	1.048	ug/L #	66
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A15.D
Acq On : 24 Sep 2020 14:39
Operator : ELAINE:AJK
Sample : 12039431-07,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:04:34 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
47) Methyl cyclohexane	0.000		0		N.D.	
48) Trichloroethene	5.548	95	121		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.237	92	53		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	8.492	43	58		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	8.547	91	106		N.D.	
76) p/m Xylene	0.000		0		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	9.994	146	103		N.D.	
101) 1,4-Dichlorobenzene	9.994	146	103		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

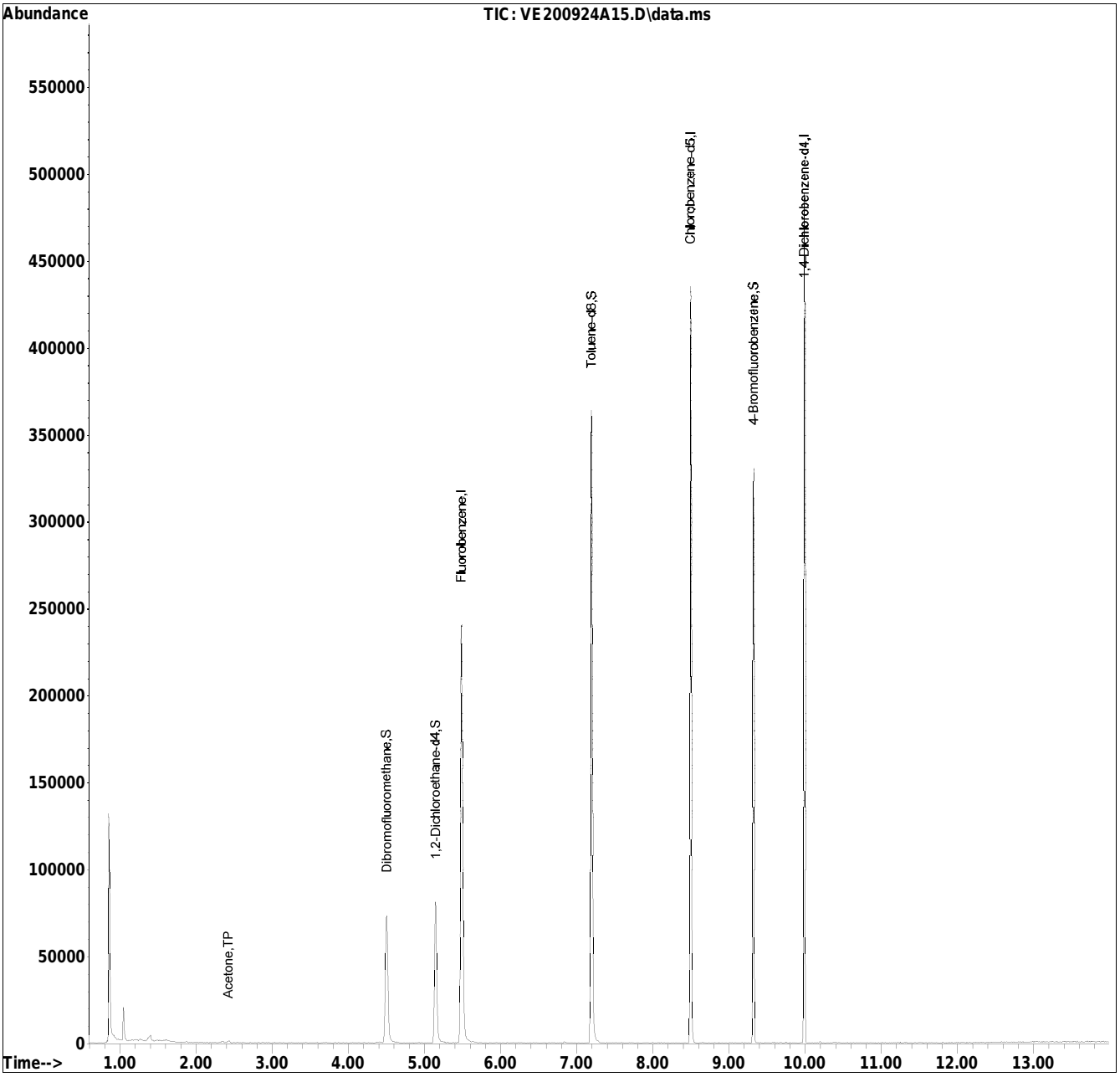
(#) = qualifier out of range (m) = manual integration (+) = signals summed

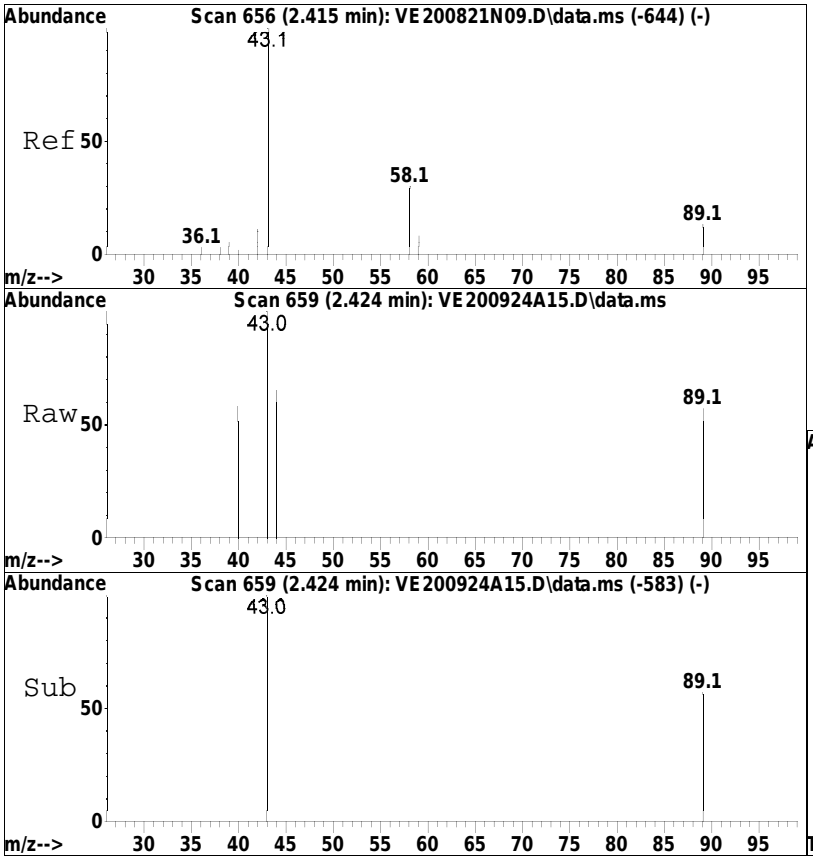
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A15.D
Acq On : 24 Sep 2020 14:39
Operator : ELAINE:AJK
Sample : l2039431-07,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:04:34 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist924A01.D•

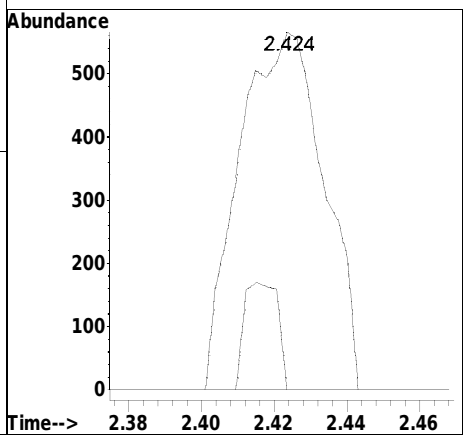




#17
Acetone
Concen: 1.05 ug/L
RT: 2.424 min Scan# 659
Delta R.T. 0.011 min
Lab File: VE200924A15.D
Acq: 24 Sep 2020 14:39

Tgt Ion: 43 Resp: 909

Ion	Ratio	Lower	Upper
43	100		
58	12.0	24.2	36.4#



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2020\2Q	Method	: Elaine_200821N_8260.m
Data File	: VE200924A15.D	Operator	: ELAINE:AJK
Date Inj'd	: 9/24/2020 14:39	Instrument	: Elaine
Sample	: 12039431-07,31,10,10,,a	Quant Date	: 9/24/2020 3:32 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A15.D
Acq On : 24 Sep 2020 14:39
Operator : ELAINE:AJK
Sample : 12039431-07,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE200924A15.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.046	157	164	186	rVB	19302	22783	4.11%	0.859%
2	4.502	1387	1406	1437	rBV2	73025	171361	30.92%	6.463%
3	5.145	1622	1637	1663	rBV2	80946	165665	29.89%	6.248%
4	5.490	1745	1761	1806	rBV	240065	466175	84.12%	17.581%
5	7.195	2360	2374	2400	rBV	363397	554202	100.00%	20.901%
6	8.497	2830	2842	2868	rBV	434650	481585	86.90%	18.162%
7	9.318	3124	3137	3151	rBV	330822	336030	60.63%	12.673%
8	9.988	3369	3378	3390	rVB	488227	453799	81.88%	17.114%

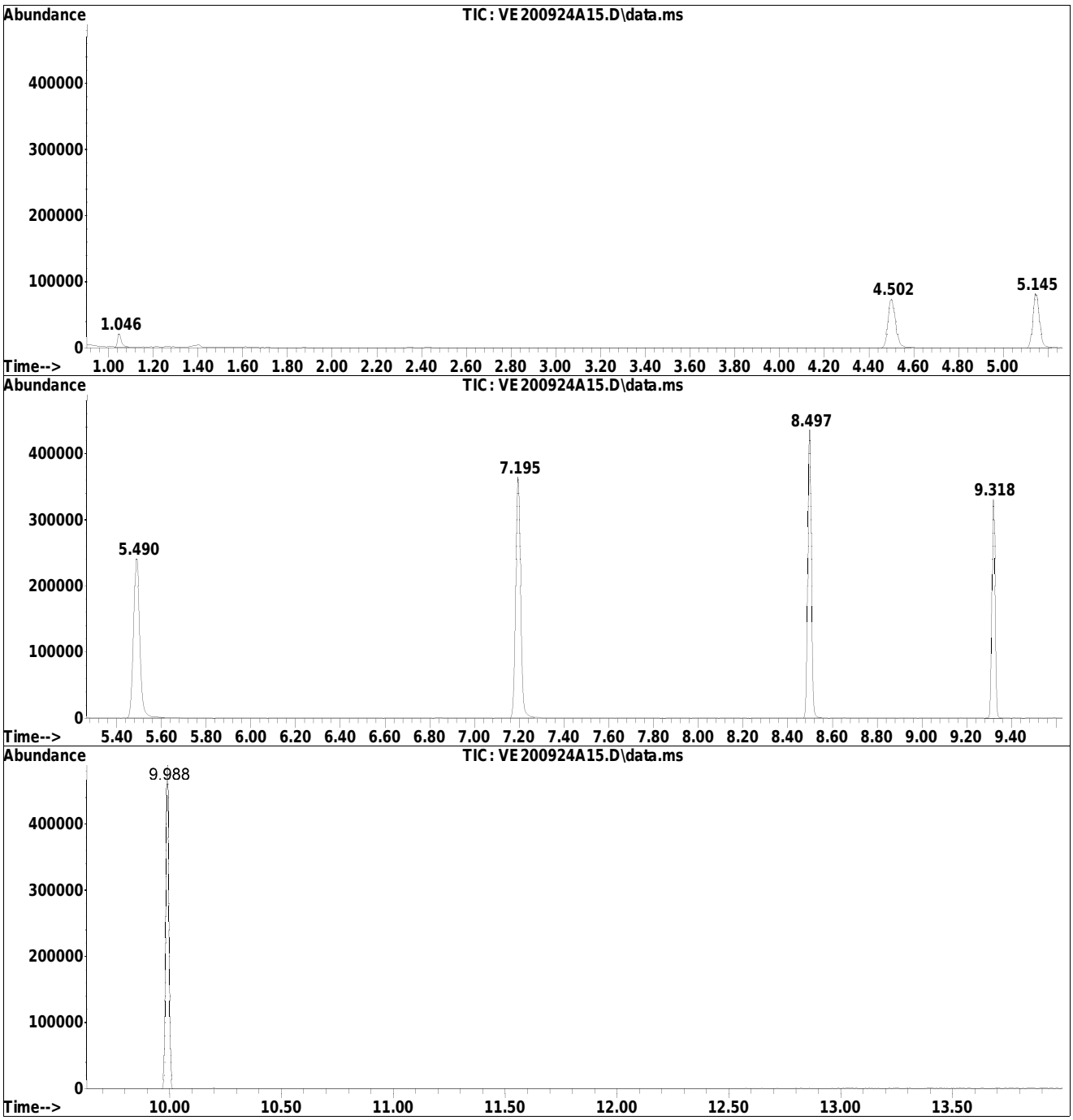
Sum of corrected areas: 2651600

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A15.D
Acq On : 24 Sep 2020 14:39
Operator : ELAINE:AJK
Sample : 12039431-07,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A15.D
Acq On : 24 Sep 2020 14:39
Operator : ELAINE:AJK
Sample : l2039431-07,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A15.D
Acq On : 24 Sep 2020 14:39
Operator : ELAINE:AJK
Sample : 12039431-07,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A16.D
Acq On : 24 Sep 2020 15:01
Operator : ELAINE:AJK
Sample : 12039431-08,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:04:54 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.490	96	209525	10.000 ug/L	0.00
Standard Area 1 = 253225			Recovery = 82.74%		
59) Chlorobenzene-d5	8.497	117	158039	10.000 ug/L	0.00
Standard Area 1 = 188758			Recovery = 83.73%		
79) 1,4-Dichlorobenzene-d4	9.989	152	76966	10.000 ug/L	0.00
Standard Area 1 = 98053			Recovery = 78.49%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.505	113	53625	10.441 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.41%		
43) 1,2-Dichloroethane-d4	5.145	65	58312	9.896 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.96%		
60) Toluene-d8	7.195	98	195458	9.653 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.53%		
83) 4-Bromofluorobenzene	9.318	95	65486	9.554 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.54%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.069	50	126	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	1.873	76	374	N.D.	
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A16.D
Acq On : 24 Sep 2020 15:01
Operator : ELAINE:AJK
Sample : 12039431-08,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:04:54 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
41) Benzene	0.000		0		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
47) Methyl cyclohexane	0.000		0		N.D.	
48) Trichloroethene	5.576	95	55		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	7.248	92	54		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	0.000		0		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	8.497	43	111		N.D.	
73) Chlorobenzene	0.000		0		N.D.	
74) Ethylbenzene	8.656	91	171		N.D.	
76) p/m Xylene	8.656	106	51		N.D.	
77) o Xylene	0.000		0		N.D.	
78) Styrene	0.000		0		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	0.000		0		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	0.000		0		N.D.	
101) 1,4-Dichlorobenzene	0.000		0		N.D.	
104) 1,2-Dichlorobenzene	0.000		0		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	0.000		0		N.D.	
111) 1,2,3-Trichlorobenzene	0.000		0		N.D.	

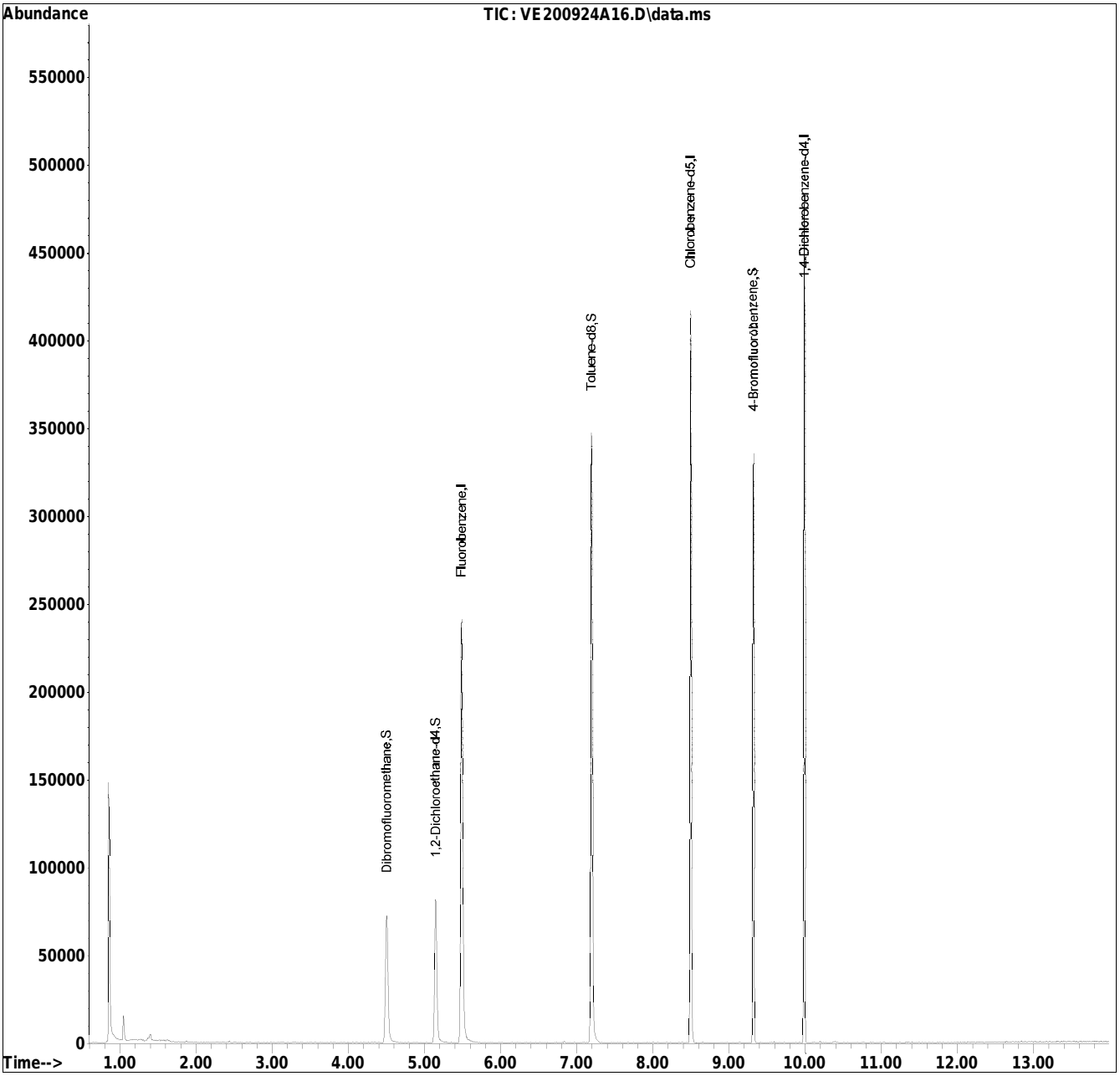
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A16.D
Acq On : 24 Sep 2020 15:01
Operator : ELAINE:AJK
Sample : l2039431-08,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 16:04:54 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist924A01.D•



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2020\2Q	Method	: Elaine_200821N_8260.m
Data File	: VE200924A16.D	Operator	: ELAINE:AJK
Date Inj'd	: 9/24/2020 15:01	Instrument	: Elaine
Sample	: 12039431-08,31,10,10,,a	Quant Date	: 9/24/2020 3:32 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A16.D
Acq On : 24 Sep 2020 15:01
Operator : ELAINE:AJK
Sample : 12039431-08,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE200924A16.D\data.ms

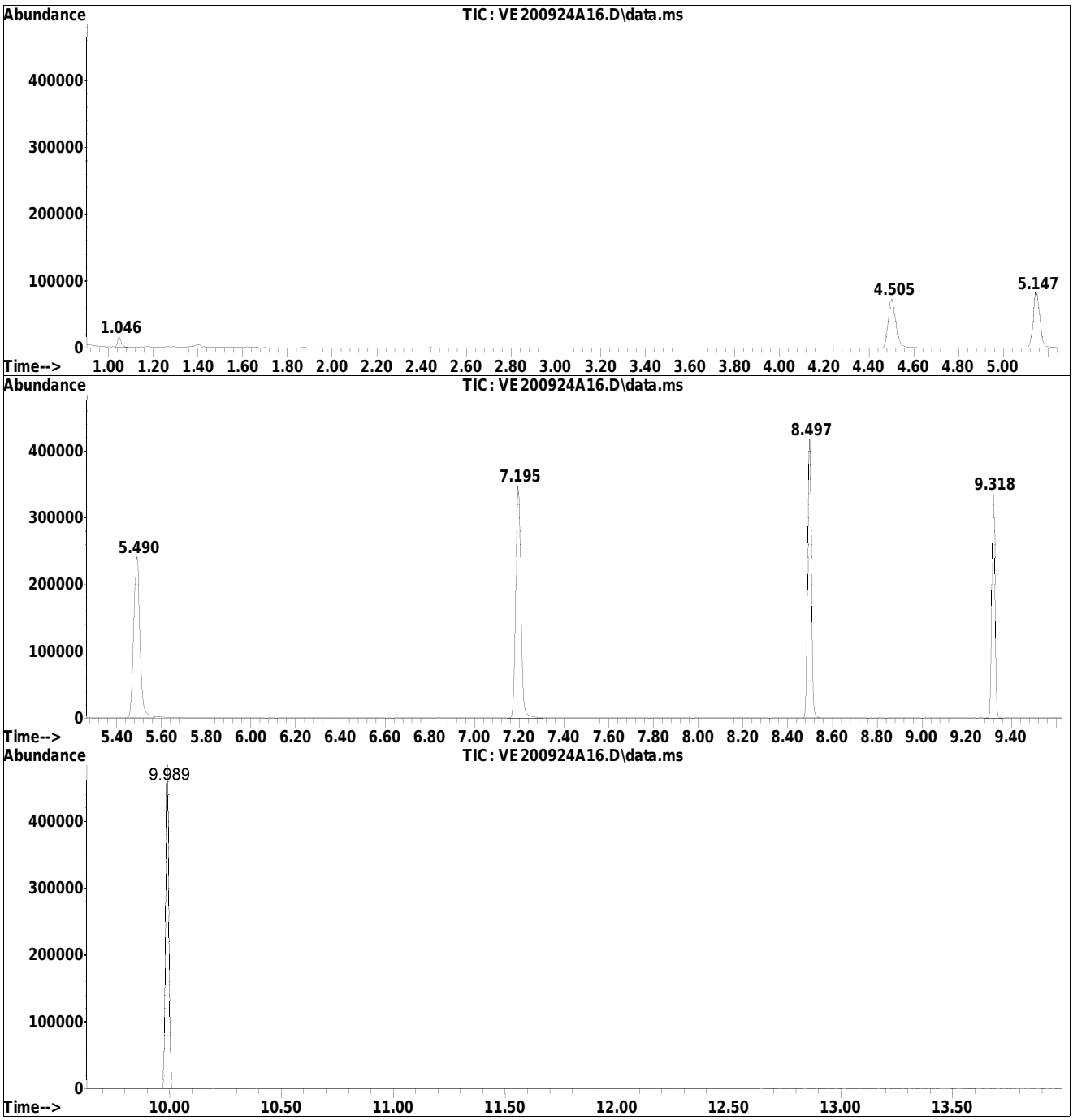
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.046	158	164	180	rVB	14295	16660	3.00%	0.630%
2	4.505	1388	1407	1442	rBV2	72287	172095	31.02%	6.512%
3	5.147	1617	1638	1663	rBV	81560	168865	30.44%	6.390%
4	5.490	1743	1761	1790	rBV	240858	464024	83.64%	17.558%
5	7.195	2356	2374	2414	rBV	347122	554759	100.00%	20.991%
6	8.497	2831	2842	2861	rVB	416558	475760	85.76%	18.002%
7	9.318	3124	3137	3153	rVB	335429	336083	60.58%	12.717%
8	9.989	3368	3378	3390	rBV	483333	454544	81.94%	17.199%

Sum of corrected areas: 2642790

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A16.D
Acq On : 24 Sep 2020 15:01
Operator : ELAINE:AJK
Sample : l2039431-08,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A16.D
Acq On : 24 Sep 2020 15:01
Operator : ELAINE:AJK
Sample : l2039431-08,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A16.D
Acq On : 24 Sep 2020 15:01
Operator : ELAINE:AJK
Sample : 12039431-08,31,10,10,,a
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Method Blank
Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A05.D
Acq On : 24 Sep 2020 10:58
Operator : ELAINE:PD
Sample : WG1414337-5,31,10,10
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 11:23:42 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.490	96	226569	10.000	ug/L	0.00
Standard Area 1 = 253225			Recovery = 89.47%			
59) Chlorobenzene-d5	8.497	117	169302	10.000	ug/L	0.00
Standard Area 1 = 188758			Recovery = 89.69%			
79) 1,4-Dichlorobenzene-d4	9.988	152	84059	10.000	ug/L	0.00
Standard Area 1 = 98053			Recovery = 85.73%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.505	113	55414	9.978	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.78%			
43) 1,2-Dichloroethane-d4	5.147	65	61876	9.711	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.11%			
60) Toluene-d8	7.195	98	212171	9.781	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.81%			
83) 4-Bromofluorobenzene	9.318	95	71932	9.609	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.09%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.066	50	81	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.	d	
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	1.878	76	529	0.070	ug/L #	76
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	2.446	43	25	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A05.D
Acq On : 24 Sep 2020 10:58
Operator : ELAINE:PD
Sample : WG1414337-5,31,10,10
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 11:23:42 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\Elaine\2020\200924A\VE200924A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0		N.D.	
39) 2-Butanone	0.000		0		N.D.	
41) Benzene	4.966	78	25		N.D.	
44) 1,2-Dichloroethane	0.000		0		N.D.	
47) Methyl cyclohexane	0.000		0		N.D.	
48) Trichloroethene	0.000		0		N.D.	
51) 1,2-Dichloropropane	0.000		0		N.D.	
54) Bromodichloromethane	0.000		0		N.D.	
57) 1,4-Dioxane	0.000		0		N.D.	
58) cis-1,3-Dichloropropene	0.000		0		N.D.	
61) Toluene	0.000		0		N.D.	
62) 4-Methyl-2-pentanone	0.000		0		N.D.	
63) Tetrachloroethene	0.000		0		N.D.	
65) trans-1,3-Dichloropropene	7.501	75	106		N.D.	
68) 1,1,2-Trichloroethane	0.000		0		N.D.	
69) Chlorodibromomethane	0.000		0		N.D.	
71) 1,2-Dibromoethane	0.000		0		N.D.	
72) 2-Hexanone	8.500	43	148		N.D.	
73) Chlorobenzene	8.517	112	80		N.D.	
74) Ethylbenzene	8.547	91	374		N.D.	
76) p/m Xylene	8.653	106	282		N.D.	
77) o Xylene	8.940	106	144		N.D.	
78) Styrene	8.978	104	262		N.D.	
80) Bromoform	0.000		0		N.D.	
82) Isopropylbenzene	9.151	105	186		N.D.	
87) 1,1,2,2-Tetrachloroethane	0.000		0		N.D.	
100) 1,3-Dichlorobenzene	9.947	146	86		N.D.	
101) 1,4-Dichlorobenzene	9.997	146	322		N.D.	
104) 1,2-Dichlorobenzene	10.236	146	203		N.D.	
106) 1,2-Dibromo-3-chloropr...	0.000		0		N.D.	
109) 1,2,4-Trichlorobenzene	11.071	180	283		N.D.	
111) 1,2,3-Trichlorobenzene	11.352	180	246		N.D.	

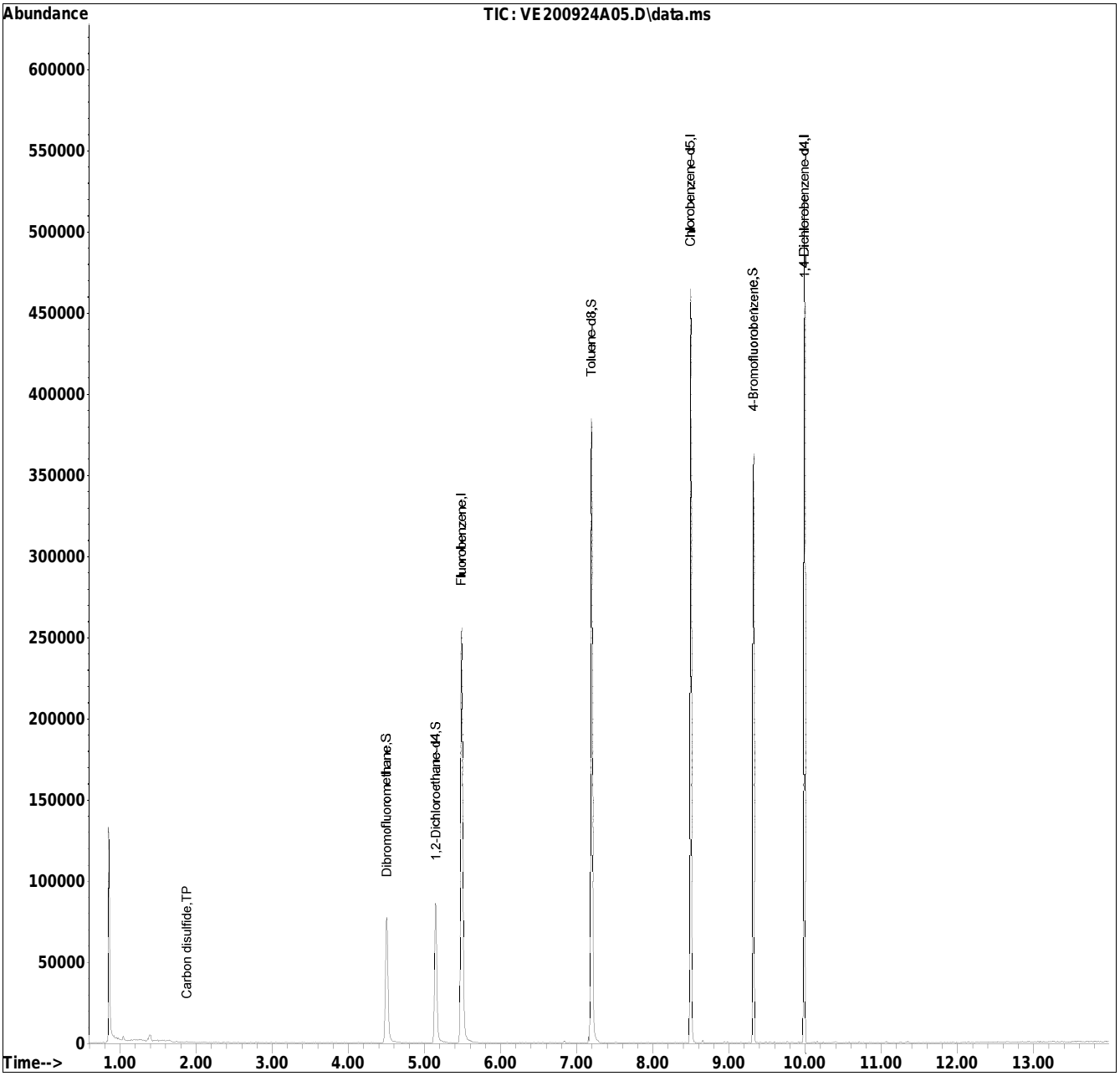
(#) = qualifier out of range (m) = manual integration (+) = signals summed

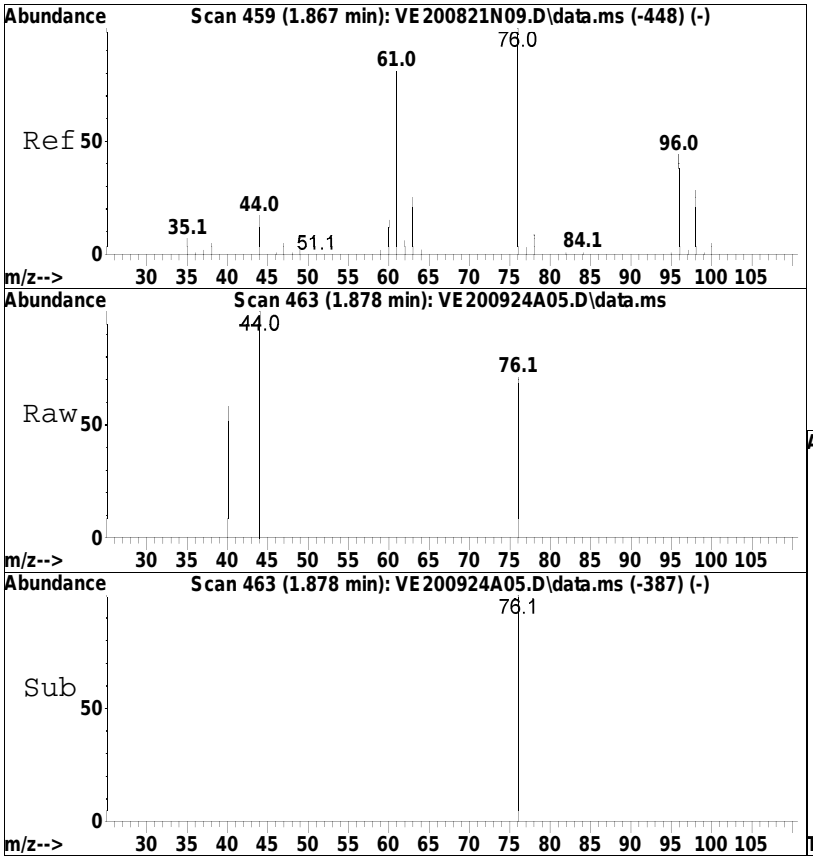
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A05.D
Acq On : 24 Sep 2020 10:58
Operator : ELAINE:PD
Sample : WG1414337-5,31,10,10
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 11:23:42 2020
Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Aug 22 14:18:03 2020
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

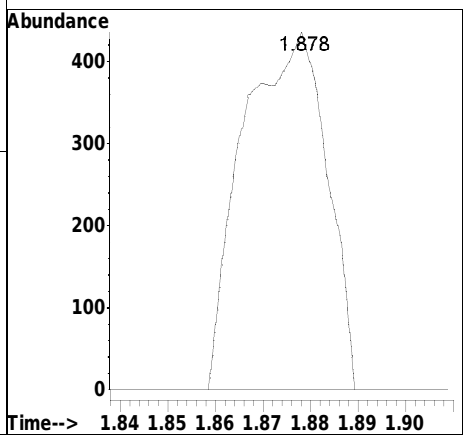




#11
Carbon disulfide
Concen: 0.07 ug/L
RT: 1.878 min Scan# 463
Delta R.T. 0.011 min
Lab File: VE200924A05.D
Acq: 24 Sep 2020 10:58

Tgt Ion: 76 Resp: 529

Ion	Ratio	Lower	Upper
76	100		
78	0.0	5.7	11.7#



Manual Integration Report

Data Path	: I:\VOLATILES\Elaine\2020\2	QMethod	: Elaine_200821N_8260.m
Data File	: VE200924A05.D	Operator	: ELAINE:PD
Date Inj'd	: 9/24/2020 10:58	Instrument	: Elaine
Sample	: WG1414337-5,31,10,10	Quant Date	: 9/24/2020 11:23 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A05.D
Acq On : 24 Sep 2020 10:58
Operator : ELAINE:PD
Sample : WG1414337-5,31,10,10
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: VE200924A05.D\data.ms

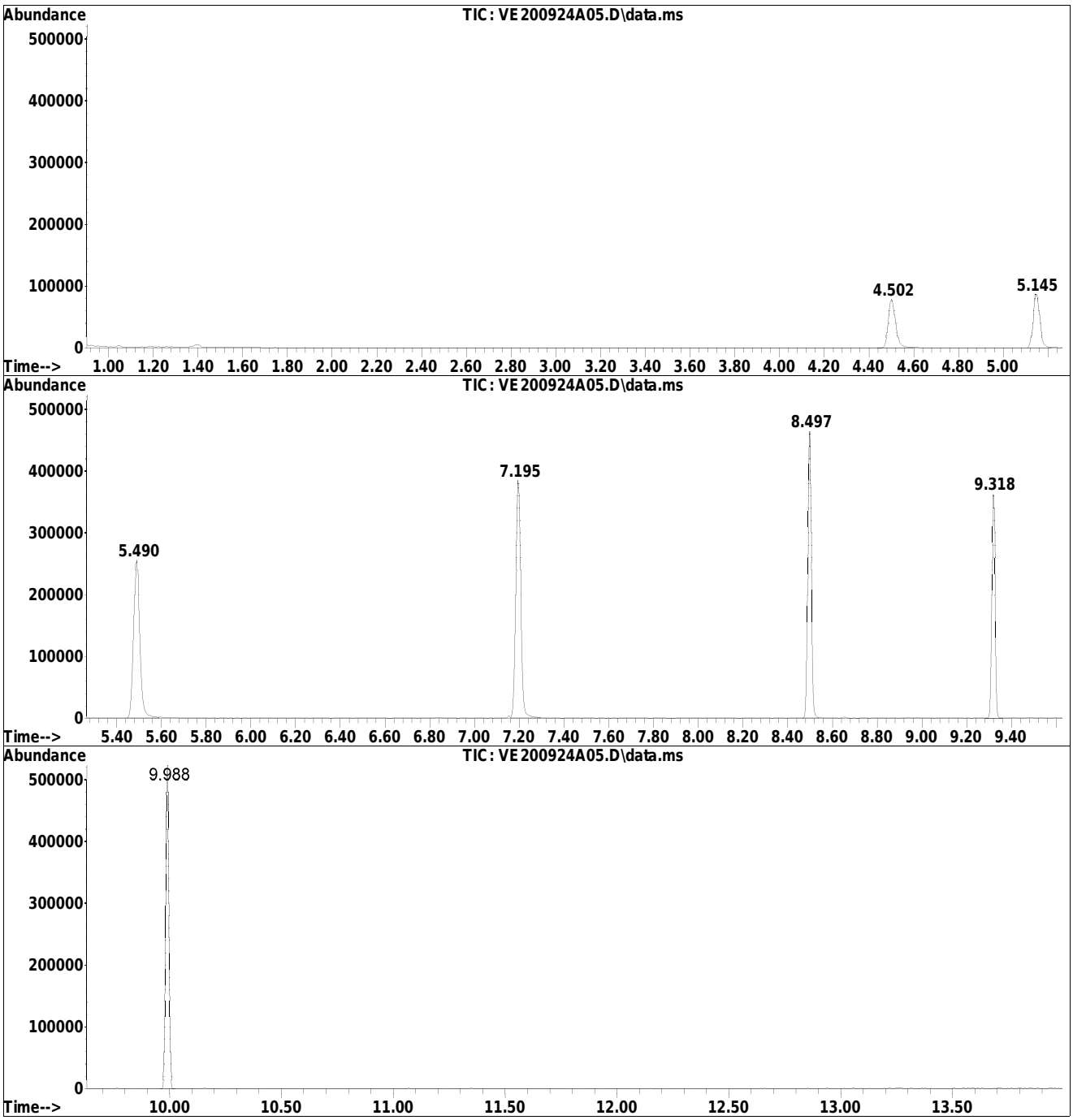
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.502	1381	1406	1440	rBV2	77291	179507	29.97%	6.364%
2	5.145	1621	1637	1662	rBV2	85801	177375	29.61%	6.289%
3	5.490	1734	1761	1797	rBV	255363	499913	83.46%	17.724%
4	7.195	2362	2374	2415	rVB	384264	598967	100.00%	21.235%
5	8.497	2831	2842	2857	rBV	464036	512300	85.53%	18.163%
6	9.318	3123	3137	3152	rBV	362892	362634	60.54%	12.857%
7	9.988	3367	3378	3391	rVB	523201	489918	81.79%	17.369%

Sum of corrected areas: 2820614

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A05.D
Acq On : 24 Sep 2020 10:58
Operator : ELAINE:PD
Sample : WG1414337-5,31,10,10
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A05.D
Acq On : 24 Sep 2020 10:58
Operator : ELAINE:PD
Sample : WG1414337-5,31,10,10
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\Elaine\2020\200924A\
Data File : VE200924A05.D
Acq On : 24 Sep 2020 10:58
Operator : ELAINE:PD
Sample : WG1414337-5,31,10,10
Misc : WG1414337,ICAL17063
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\VOLATILES\Elaine\2020\200924A\Elaine_200821N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

GC/MS Extractable Analysis
Method 8270

Sample Results Summary

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-01	**Date Collected**	: 09/18/20 08:36
Client ID	: MW-1	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:25
Sample Matrix	: WATER	**Date Extracted**	: 09/22/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-01	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-01	**Date Collected**	: 09/18/20 08:36
Client ID	: MW-1	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:25
Sample Matrix	: WATER	**Date Extracted**	: 09/22/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-01	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-01	**Date Collected**	: 09/18/20 08:36
Client ID	: MW-1	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:25
Sample Matrix	: WATER	**Date Extracted**	: 09/22/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-01	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-01	**Date Collected**	: 09/18/20 08:36
Client ID	: MW-1	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:25
Sample Matrix	: WATER	**Date Extracted**	: 09/22/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-01	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.35	5.64	J
	Unknown Alkane	5.05	4.44	J
	Unknown Alkane	6.96	9.82	J
	Unknown Benzene	7.27	7.31	J
	Unknown Alkane	8.16	10.7	J
	Unknown Alkane	9.16	6.47	J
	Unknown Alkane	10.04	2.8	J
	Unknown Organic Acid	10.68	10.2	J
	Unknown	10.92	4.84	J
	Unknown Organic Acid	11.43	15.1	J
	Unknown	12.77	3.53	J
	Unknown	13.63	4.76	J
	Unknown	14.26	3.05	J
	Unknown	14.46	3.93	J
	Unknown	15.82	3.56	J
	Total TIC Compounds		96.2J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-02	**Date Collected**	: 09/18/20 10:51
Client ID	: MW-2	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:51
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-02	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-02	**Date Collected**	: 09/18/20 10:51
Client ID	: MW-2	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:51
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-02	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-02	**Date Collected**	: 09/18/20 10:51
Client ID	: MW-2	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:51
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-02	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-02	**Date Collected**	: 09/18/20 10:51
Client ID	: MW-2	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:51
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-02	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Alcohol	1.35	4.29	JB
	Unknown Alkane	5.05	2.91	J
	Unknown Alkane	6.96	4.87	J
	Unknown Benzene	7.27	3.38	J
	Unknown Alkane	8.16	5.05	J
	Unknown Alkane	9.16	2.58	J
	Unknown Organic Acid	10.67	3.67	J
	Unknown Organic Acid	11.43	4.94	J
	Unknown	11.90	2.65	JB
	Unknown	12.77	4.98	JB
	Unknown	13.42	2.58	J
	Unknown	13.63	5.09	JB
	Unknown	14.25	3.85	JB
	Unknown	14.46	4.33	JB
	Unknown	15.05	2.84	JB
	Total TIC Compounds		58.0J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-03	**Date Collected**	: 09/18/20 10:42
Client ID	: MW-3	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:17
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-03	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-03	**Date Collected**	: 09/18/20 10:42
Client ID	: MW-3	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:17
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-03	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-03	**Date Collected**	: 09/18/20 10:42
Client ID	: MW-3	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:17
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-03	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-03	**Date Collected**	: 09/18/20 10:42
Client ID	: MW-3	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:17
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-03	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.35	4.54	JB
	Unknown Alkane	6.96	4	J
	Unknown	7.27	3.02	J
	Unknown Alkane	8.16	4.44	J
	Unknown Alkane	9.16	2.47	J
	Unknown	10.67	5.09	J
	Unknown Organic Acid	11.43	6.04	J
	Unknown	11.90	2.94	JB
	Unknown	12.77	6.51	JB
	Unknown	13.42	3.78	J
	Unknown	13.63	7.82	JB
	Unknown	14.26	4.54	JB
	Unknown	14.46	5.71	JB
	Unknown	15.05	4.84	JB
	Unknown	15.23	4.54	JB
	Total TIC Compounds		70.3J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-04	**Date Collected**	: 09/18/20 08:27
Client ID	: MW-4	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:43
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-04	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-04	**Date Collected**	: 09/18/20 08:27
Client ID	: MW-4	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:43
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-04	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-04	**Date Collected**	: 09/18/20 08:27
Client ID	: MW-4	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:43
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-04	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-04	**Date Collected**	: 09/18/20 08:27
Client ID	: MW-4	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 14:43
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-04	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 9 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.36	4.11	JB
	Unknown	2.15	2.62	J
	Unknown	12.77	2.8	JB
	Unknown	13.46	1.78	J
	Unknown	13.63	3.64	JB
	Unknown	14.25	1.53	JB
	Unknown	14.46	3.2	JB
	Unknown	15.23	2.51	JB
	Total TIC Compounds		22.2J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-05	**Date Collected**	: 09/18/20 09:32
Client ID	: MW-5	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 17:21
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-05	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-05	**Date Collected**	: 09/18/20 09:32
Client ID	: MW-5	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 17:21
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-05	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-05	**Date Collected**	: 09/18/20 09:32
Client ID	: MW-5	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 17:21
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-05	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-05	**Date Collected**	: 09/18/20 09:32
Client ID	: MW-5	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 17:21
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-05	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 14 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.36	4.07	JB
	Unknown	2.63	2.65	J
	Unknown	10.67	1.49	J
	Unknown	11.90	2.62	JB
	Unknown Alcohol	12.56	1.82	J
	Unknown	12.77	4.87	JB
	Unknown	13.42	2.76	J
	Unknown	13.63	4.62	JB
	Unknown	14.26	2.8	JB
	Unknown	14.46	4.07	JB
	Unknown	15.05	2.51	JB
	Unknown	15.22	2.84	JB
	Unknown	15.80	1.74	JB
	Total TIC Compounds		38.9J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-06	**Date Collected**	: 09/18/20 09:41
Client ID	: MW-6	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 17:48
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-06	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L2039431
Project Name	: PISTOIA TIRE CO	Project Number	: 0064-5
Lab ID	: L2039431-06	Date Collected	: 09/18/20 09:41
Client ID	: MW-6	Date Received	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 09/24/20 17:48
Sample Matrix	: WATER	Date Extracted	: 09/24/20
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 39431-06	Analyst	: WR
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-06	**Date Collected**	: 09/18/20 09:41
Client ID	: MW-6	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 17:48
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-06	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-06	**Date Collected**	: 09/18/20 09:41
Client ID	: MW-6	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 17:48
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 39431-06	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 17 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.33	9.27	J
	Unknown	1.78	7.02	J
	Unknown Alkane	5.06	7.05	J
	Unknown Alkane	6.96	19.2	J
	Unknown Benzene	7.27	14.9	J
	Unknown Alkane	8.16	21.5	J
	Unknown Alkane	9.16	14.4	J
	Unknown Alkane	10.04	6.33	J
	Unknown Organic Acid	10.68	15.1	J
	Unknown	10.92	10.9	J
	Unknown Organic Acid	11.43	25.1	J
	Unknown	12.77	7.6	JB
	Unknown	13.63	10.9	J
	Unknown	14.26	7.13	JB
	Unknown	14.46	7.42	JB
	Unknown	15.82	9.78	J
	Total TIC Compounds		194J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L2039431
Project Name	: PISTOIA TIRE CO	Project Number	: 0064-5
Lab ID	: WG1413157-1	Date Collected	: NA
Client ID	: WG1413157-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/23/20 08:08
Sample Matrix	: WATER	Date Extracted	: 09/22/20
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 413157-1	Analyst	: CB
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	1.6	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1413157-1	**Date Collected**	: NA
Client ID	: WG1413157-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/23/20 08:08
Sample Matrix	: WATER	**Date Extracted**	: 09/22/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 413157-1	**Analyst**	: CB
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1413157-1	**Date Collected**	: NA
Client ID	: WG1413157-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/23/20 08:08
Sample Matrix	: WATER	**Date Extracted**	: 09/22/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 413157-1	**Analyst**	: CB
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 12 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.36	4.94	J
	Unknown Organic Acid	10.68	1.74	J
	Unknown Organic Acid	11.43	1.89	J
	Unknown	12.78	2	J
	Unknown	13.35	1.45	J
	Unknown	13.64	3.13	J
	Unknown	14.26	1.67	J
	Unknown	14.46	3.31	J
	Unknown	15.06	2.84	J
	Unknown	15.23	2.87	J
	Unknown	15.80	3.24	J
	Total TIC Compounds		29.1J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L2039431
Project Name	: PISTOIA TIRE CO	Project Number	: 0064-5
Lab ID	: WG1413850-1	Date Collected	: NA
Client ID	: WG1413850-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/24/20 09:54
Sample Matrix	: WATER	Date Extracted	: 09/24/20
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 414850-1	Analyst	: WR
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L2039431
Project Name	: PISTOIA TIRE CO	Project Number	: 0064-5
Lab ID	: WG1413850-1	Date Collected	: NA
Client ID	: WG1413850-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 09/24/20 09:54
Sample Matrix	: WATER	Date Extracted	: 09/24/20
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 414850-1	Analyst	: WR
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1413850-1	**Date Collected**	: NA
Client ID	: WG1413850-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/24/20 09:54
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 414850-1	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 10 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.35	3.82	J
	Unknown	11.90	1.6	J
	Unknown	12.78	2.25	J
	Unknown	13.63	2.98	J
	Unknown	14.25	1.85	J
	Unknown	14.46	3.09	J
	Unknown	15.05	2.36	J
	Unknown	15.23	2.76	J
	Unknown	15.80	2.14	J
	Total TIC Compounds		22.9J	J

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV107	**Analysis Date**	: 07/12/20 22:34
Tune Standard	: R1342936-34	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	38.1
68	Less than 2.0% of mass 69	0.6 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	51.2
197	Less than 2.0% of mass 198	0.1
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	20.8
365	Greater than 1.0% of mass 198	2
441	Present, but less than 24% of mass 442	16.6
442	Base Peak, or >50% of mass 198	93.9
443	15.0 - 24.0% of mass 442	17.9 (19.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1342936-2	ABNL10	07/12/20 23:01
ABNL9	R1342936-12	ABNL9	07/12/20 23:27
ABNL8	R1342936-9	ABNL8	07/12/20 23:54
ABNL7	R1342936-8	ABNL7	07/13/20 00:21
ABNL6	R1342936-7	ABNL6	07/13/20 00:47
ABNL5	R1342936-6	ABNL5	07/13/20 01:14
ABNL4	R1342936-5	ABNL4	07/13/20 01:40
ABNL3	R1342936-4	ABNL3	07/13/20 02:07
ABNL2	R1342936-3	ABNL2	07/13/20 02:34
ABNL1	R1342936-1	ABNL1	07/13/20 03:00
AP9L10	R1342936-22	AP9L10	07/13/20 03:26
AP9L9	R1342936-30	AP9L9	07/13/20 03:53
AP9L8	R1342936-29	AP9L8	07/13/20 04:19
AP9L7	R1342936-27	AP9L7	07/13/20 04:46
AP9L6	R1342936-28	AP9L6	07/13/20 05:12
AP9L5	R1342936-24	AP9L5	07/13/20 05:38
AP9L4	R1342936-26	AP9L4	07/13/20 06:05
AP9L3	R1342936-25	AP9L3	07/13/20 06:31
AP9L2	R1342936-23	AP9L2	07/13/20 06:58
AP9L1	R1342936-21	AP9L1	07/13/20 07:24
ABN ICV Quant Report	R1342936-32	ABNICV	07/13/20 07:50
AP9 ICV Quant Report	R1342936-33	AP9ICV	07/13/20 08:17

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV107	**Analysis Date**	: 07/13/20 08:43
Tune Standard	: R1342936-35	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	39
68	Less than 2.0% of mass 69	0.7 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	53.5
197	Less than 2.0% of mass 198	0.9
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7.1
275	10.0 - 60.0% of Base Peak	20.3
365	Greater than 1.0% of mass 198	2.1
441	Present, but less than 24% of mass 442	16.2
442	Base Peak, or >50% of mass 198	85.5
443	15.0 - 24.0% of mass 442	16.5 (19.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R1342936-13	ADPL10	07/13/20 09:10
ADPL9	R1342936-19	ADPL9	07/13/20 09:36
ADPL8	R1342936-20	ADPL8	07/13/20 10:03
ADPL7	R1342936-16	ADPL7	07/13/20 10:30
ADPL6	R1342936-17	ADPL6	07/13/20 10:57
ADPL5	R1342936-18	ADPL5	07/13/20 11:23
ADPL4	R1342936-15	ADPL4	07/13/20 11:51
ADPL3	R1342936-14	ADPL3	07/13/20 12:18
ADPL2	R1342936-10	ADPL2	07/13/20 12:45
ADPL1	R1342936-11	ADPL1	07/13/20 13:13
ADP ICV Quant Report	R1342936-31	ADPICV	07/13/20 13:40

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV107	**Analysis Date**	: 09/23/20 03:14
Tune Standard	: WG1413271-1	**Tune File ID**	: Deg0922na_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	45.3
68	Less than 2.0% of mass 69	0.8 (1.8)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	58.7
197	Less than 2.0% of mass 198	0.1
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	18.9
365	Greater than 1.0% of mass 198	1.9
441	Present, but less than 24% of mass 442	17.5
442	Base Peak, or >50% of mass 198	65.5
443	15.0 - 24.0% of mass 442	13 (19.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1413271-3CCAL	WG1413271-3	ABN0922NA	09/23/20 03:40
WG1413271-4CCAL	WG1413271-4	AP90922N	09/23/20 04:06
WG1413271-5CCAL	WG1413271-5	ADP0922N	09/23/20 04:32
WG1413157-1BLANK	WG1413157-1	413157-1	09/23/20 08:08
WG1413157-2LCS	WG1413157-2	413157-2	09/23/20 08:34
WG1413157-3LCSD	WG1413157-3	413157-3	09/23/20 09:00

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV107	**Analysis Date**	: 09/24/20 08:05
Tune Standard	: WG1414034-1	**Tune File ID**	: Deg0924_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	50.7
68	Less than 2.0% of mass 69	0.8 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	58.2
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	18.9
365	Greater than 1.0% of mass 198	2
441	Present, but less than 24% of mass 442	16.2
442	Base Peak, or >50% of mass 198	68.6
443	15.0 - 24.0% of mass 442	13.5 (19.6)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1414034-3CCAL	WG1414034-3	ABN0924	09/24/20 08:31
WG1414034-4CCAL	WG1414034-4	AP90924	09/24/20 08:57
WG1414034-5CCAL	WG1414034-5	ADP0924	09/24/20 09:24
WG1413850-1BLANK	WG1413850-1	414850-1	09/24/20 09:54
WG1413850-2LCS	WG1413850-2	14850-2	09/24/20 11:13
WG1413850-3LCSD	WG1413850-3	14850-3	09/24/20 11:39
MW-1	L2039431-01	39431-01	09/24/20 13:25
MW-2	L2039431-02	39431-02	09/24/20 13:51
MW-3	L2039431-03	39431-03	09/24/20 14:17
MW-4	L2039431-04	39431-04	09/24/20 14:43
MW-5	L2039431-05	39431-05	09/24/20 17:21
MW-6	L2039431-06	39431-06	09/24/20 17:48

Blank Results Summary

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab Sample ID	: WG1413157-1	**Lab File ID**	: 413157-1
Instrument ID	: SV107	**Extraction Date**	: 09/22/20
Matrix	: WATER	**Analysis Date**	: 09/23/20 08:08
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1413157-2LCS	WG1413157-2	09/23/20 08:34
WG1413157-3LCSD	WG1413157-3	09/23/20 09:00
MW-1	L2039431-01	09/24/20 13:25

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab Sample ID	: WG1413850-1	**Lab File ID**	: 414850-1
Instrument ID	: SV107	**Extraction Date**	: 09/24/20
Matrix	: WATER	**Analysis Date**	: 09/24/20 09:54
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1413850-2LCS	WG1413850-2	09/24/20 11:13
WG1413850-3LCSD	WG1413850-3	09/24/20 11:39
MW-2	L2039431-02	09/24/20 13:51
MW-3	L2039431-03	09/24/20 14:17
MW-4	L2039431-04	09/24/20 14:43
MW-5	L2039431-05	09/24/20 17:21
MW-6	L2039431-06	09/24/20 17:48

Standards Data Summary

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2039431**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL17065**
Calibration dates	**: 07/12/20 23:01 07/13/20 13:13**		

Calibration Files
L1 =AP9L1.D L2 =ABNL2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =ABNL7.D
L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.439	0.449	0.492	0.526	0.490	0.499	0.486	0.527	0.496	0.471	0.487	5.88
3)	t	Pyridine	0.729	0.796	0.925	0.905	0.901	0.907	0.849	0.900	0.851	0.801	0.857	7.44
4)	S	2-Fluorophenol	0.455	0.577	0.690	0.727	0.731	0.741	0.730	0.798	0.750	0.717	0.692	14.58
5)	T	Aniline	0.990	1.016	1.184	1.199	1.225	1.239	1.201	1.305	1.267	1.198	1.182	8.58
6)	t	2-Chlorophenol	0.664	0.712	0.847	0.917	0.877	0.907	0.852	0.934	0.894	0.857	0.846	10.51
7)	S	Phenol-d6	0.666	0.713	0.880	0.902	0.895	0.934	0.906	0.979	0.943	0.907	0.872	11.57
8)	T	Phenol	0.730	0.832	0.988	1.055	1.021	1.049	1.010	1.113	1.062	1.011	0.987	11.80
9)	T	bis(2-Chloroethyl)ether	0.629	0.686	0.797	0.854	0.815	0.835	0.796	0.864	0.832	0.800	0.791	9.51
10)	T	1,3-Dichlorobenzene	1.034	0.970	1.039	1.046	1.009	1.029	0.946	1.007	0.960	0.903	0.994	4.77
11)	T	1,4-Dichlorobenzene	1.014	0.981	1.089	1.085	1.062	1.013	0.965	1.022	0.962	0.923	1.012	5.47
12)	T	1,2-Dichlorobenzene	0.907	1.007	1.050	1.060	1.009	0.993	0.920	0.978	0.924	0.896	0.974	6.12
13)	t	Benzyl alcohol		0.434	0.529	0.599	0.585	0.619	0.602	0.663	0.646	0.640	0.591	11.96
14)	T	bis(2-chloroisopropyl)ether	1.125	1.072	1.169	1.175	1.167	1.151	1.072	1.164	1.092	1.029	1.122	4.62
15)	T	2-Methylphenol	0.519	0.591	0.713	0.762	0.739	0.788	0.754	0.799	0.776	0.759	0.720	12.75
16)	T	Hexachloroethane	0.380	0.418	0.442	0.426	0.402	0.406	0.387	0.404	0.382	0.368	0.402	5.72
17)	T	n-Nitrosodi-n-propylamine		0.514	0.543	0.579	0.551	0.585	0.572	0.609	0.588	0.574	0.569	4.93
18)	T	3-Methylphenol/4-Methylphenol		0.591	0.716	0.757	0.791	0.830	0.781	0.840	0.827	0.803	0.770	10.09
19)	S	Nitrobenzene-d5	0.567	0.604	0.753	0.829	0.819	0.849	0.832	0.901	0.868	0.842	0.786	14.34
20)	T	Nitrobenzene	0.591	0.709	0.827	0.864	0.819	0.862	0.850	0.910	0.890	0.860	0.818	11.80
21)	T	Isophorone	1.341	1.314	1.463	1.507	1.533	1.601	1.539	1.646	1.594	1.545	1.508	7.19
22)	T	2-Nitrophenol				0.345	0.381	0.407	0.403	0.451	0.446	0.430	0.409	9.20
23)	T	2,4-Dimethylphenol		0.601	0.733	0.777	0.770	0.799	0.773	0.831	0.802	0.776	0.762	8.69
24)	T	bis(2-Chloroethoxy)methane		0.797	1.035	1.025	1.020	1.080	1.017	1.087	1.032	0.992	1.009	8.42
25)	T	2,4-Dichlorophenol		0.513	0.623	0.698	0.714	0.724	0.684	0.761	0.736	0.717	0.686	10.99
26)	T	1,2,4-Trichlorobenzene		0.862	0.875	0.863	0.848	0.818	0.775	0.824	0.788	0.762	0.824	5.04
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.501	0.472	0.566	0.631	0.669	0.708	0.728	0.757	0.797	0.822	0.665	18.17
29)	T	Acetophenone		0.721	1.017	1.057	1.059	1.182	1.238	1.310	1.343	1.394	1.147	18.25
30)	T	m-Toluidine		0.777	0.923	1.083	1.130	1.230	1.294	1.328	1.406	1.496	1.185	19.52
31)	T	2-Chloroaniline		0.759	0.949	1.061	1.023	1.167	1.167	1.206	1.261	1.306	1.100	15.57
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	n-Decane	0.734	0.850	0.822	0.893	0.911	0.916	0.948	0.976	1.001	1.002	0.905	9.40
34)	I	IS1_Naphthalene-d8	----------ISTD----------											
35)	T	Naphthalene	0.993	1.041	1.091	1.068	1.070	1.110	1.105	1.105	1.113	1.120	1.082	3.67
36)	T	Benzoic Acid					0.134	0.179	0.220	0.246	0.280	0.294	*L	0.9980

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2039431**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL17065**
Calibration dates	**: 07/12/20 23:01 07/13/20 13:13**		

Calibration Files

L1 =AP9L1.D L2 =ABNL2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =ABNL7.D

L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37)	T	4-Chloroaniline		0.073	0.095	0.108	0.117	0.127	0.128	0.133	0.137	0.140	0.118	18.76
38)	T	Hexachlorobutadiene	0.171	0.178	0.168	0.173	0.172	0.171	0.174	0.176	0.177	0.171	0.173	1.86
39)	T	p-Chloro-m-cresol		0.186	0.232	0.245	0.259	0.279	0.299	0.312	0.323	0.332	0.274	17.51
40)	T	2-Methylnaphthalene		0.608	0.689	0.655	0.677	0.700	0.722	0.725	0.750	0.758	0.698	6.82
41)	T	1-Methylnaphthalene		0.212	0.238	0.243	0.237	0.249	0.248	0.246	0.252	0.261	0.243	5.62
42)	T	Hexachlorocyclopentadiene			0.182	0.193	0.197	0.204	0.216	0.219	0.225	0.231	0.208	8.21
43)	T	2,4,6-Trichlorophenol		0.119	0.157	0.169	0.179	0.195	0.204	0.208	0.219	0.243	0.188	19.49
44)	T	2,4,5-Trichlorophenol		0.148	0.178	0.189	0.212	0.218	0.228	0.228	0.242	0.242	0.209	15.17
45)	S	2-Fluorobiphenyl	0.604	0.658	0.682	0.681	0.699	0.730	0.723	0.729	0.737	0.757	0.700	6.49
46)	T	2-Chloronaphthalene	0.531	0.579	0.649	0.649	0.652	0.674	0.691	0.688	0.713	0.724	0.655	9.12
47)	T	2-Nitroaniline			0.129	0.154	0.166	0.191	0.215	0.227	0.240	0.257	*L	0.9968
48)	T	1,4-Dinitrobenzene					0.073	0.081	0.094	0.103	0.112	0.120	*L	0.9977
49)	T	1,3-Dinitrobenzene					0.093	0.101	0.112	0.124	0.126	0.136	0.115	14.03
50)	T	Dimethyl phthalate	0.633	0.662	0.696	0.711	0.745	0.768	0.794	0.822	0.776	0.829	0.743	8.95
51)	T	Acenaphthylene	0.809	0.876	0.946	1.004	1.017	1.067	1.107	1.109	1.137	1.138	1.021	11.13
52)	T	2,6-Dinitrotoluene			0.115	0.133	0.140	0.159	0.170	0.175	0.177	0.184	0.156	15.60
53)	T	1,2-Dinitrobenzene					0.072	0.076	0.082	0.086	0.083	0.085	0.081	6.54
54)	I	IS2_Naphthalene-d8	----------ISTD----------											
55)	T	a-Terpineol		0.214	0.233	0.247	0.260	0.277	0.287	0.308	0.332	0.338	0.277	15.58
56)	T	3-Chloroaniline			0.113	0.125	0.135	0.148	0.149	0.160	0.167	0.168	0.146	13.81
57)	T	2,6-Dichlorophenol			0.213	0.239	0.254	0.279	0.287	0.306	0.323	0.330	0.279	14.77
58)	T	1-chloro-2-nitrobenzene				0.127	0.133	0.149	0.144	0.157	0.164	0.171	0.149	10.87
59)	T	Caprolactam				0.106	0.111	0.132	0.143	0.161	0.173	0.181	*L	0.9975
60)	T	1,2,4,5-Tetrachlorobenzene	0.293	0.291	0.299	0.308	0.315	0.326	0.308	0.341	0.336	0.345	0.316	6.23
61)	T	Biphenyl	0.709	0.703	0.773	0.816	0.831	0.839	0.829	0.905	0.903	0.913	0.822	9.23
62)	I	IS1_Acenaphthene-d10	----------ISTD----------											
63)	T	3-Nitroaniline			0.230	0.295	0.311	0.353	0.364	0.394	0.407	0.406	*L	0.9993
64)	T	Acenaphthene	1.178	1.061	1.167	1.201	1.231	1.210	1.184	1.233	1.253	1.219	1.194	4.51
65)	T	2,4-Dinitrophenol					0.135	0.154	0.175	0.201	0.229	0.224	*L	0.9976
66)	T	Dibenzofuran	1.688	1.661	1.818	1.853	1.840	1.838	1.776	1.863	1.900	1.844	1.808	4.27
67)	T	2,4-Dinitrotoluene			0.271	0.335	0.352	0.396	0.413	0.449	0.471	0.467	0.394	17.97
68)	T	4-Nitrophenol				0.237	0.281	0.281	0.268	0.301	0.325	0.322	0.288	10.83
69)	T	2,3,5,6-Tetrachlorophenol			0.253	0.293	0.304	0.342	0.335	0.353	0.369	0.370	0.327	12.53
70)	T	2,3,4,6-Tetrachlorophenol			0.272	0.340	0.325	0.339	0.348	0.359	0.373	0.361	0.340	9.18
71)	T	Diethyl phthalate	1.144	1.193	1.282	1.385	1.399	1.458	1.417	1.490	1.546	1.512	1.383	9.79
72)	T	Fluorene	1.192	1.237	1.321	1.405	1.410	1.476	1.444	1.507	1.579	1.500	1.407	8.77

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2039431**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL17065**
Calibration dates	**: 07/12/20 23:01 07/13/20 13:13**		

Calibration Files
L1 =AP9L1.D L2 =ABNL2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =ABNL7.D
L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD	
73)	T	4-Chlorophenyl-phenylether		0.565	0.625	0.654	0.658	0.663	0.646	0.673	0.690	0.668	0.649	5.58	
74)	T	4-Nitroaniline			0.214	0.279	0.302	0.311	0.343	0.379	0.412	0.406		*L	0.9976
75)	T	4,6-Dinitro-o-cresol				0.166	0.190	0.208	0.224	0.257	0.288	0.282		*L	0.9972
76)	T	NDPA/DPA		0.824	1.006	1.124	1.165	1.201	1.192	1.265	1.330	1.281	1.154	13.53	
77)	T	Azobenzene		0.955	1.142	1.239	1.274	1.320	1.293	1.381	1.461	1.392	1.273	11.88	
78)	S	2,4,6-Tribromophenol		0.101	0.126	0.141	0.145	0.164	0.160	0.172	0.184	0.182	0.153	17.93	
79)	T	4-Bromophenyl-phenylether		0.253	0.320	0.330	0.325	0.336	0.332	0.343	0.364	0.365	0.330	9.98	
80)	T	Hexachlorobenzene	0.380	0.346	0.329	0.359	0.361	0.378	0.369	0.377	0.406	0.404	0.371	6.46	
81)	T	Pentachlorophenol				0.184	0.198	0.224	0.237	0.262	0.290	0.291	0.241	17.61	
82)	I	IS2_Acenaphthene-d10	----------ISTD----------												
83)	T	Dichloran					0.099	0.116	0.143	0.160	0.197	0.197		*Q	0.9980
84)	T	Pentachloronitrobenzene				0.119	0.130	0.137	0.140	0.162	0.169	0.168	0.146	13.74	
85)	I	IS3_Acenaphthene-d10	----------ISTD----------												
86)	T	Atrazine		0.199	0.214	0.229	0.248	0.261	0.315	0.356	0.386			*Q	0.9970
87)	I	IS1_Phenanthrene-d10	----------ISTD----------												
88)	T	Phenanthrene	1.094	1.095	1.119	1.143	1.146	1.168	1.150	1.195	1.227	1.211	1.155	3.99	
89)	T	Anthracene	0.956	1.022	1.030	1.064	1.122	1.171	1.165	1.239	1.283	1.261	1.131	9.84	
90)	T	Carbazole		0.747	0.832	0.937	1.022	1.073	1.075	1.166	1.200	1.174	1.025	15.43	
91)	T	Di-n-butylphthalate			0.872	0.967	1.034	1.174	1.201	1.323	1.405	1.423	1.175	17.37	
92)	T	Fluoranthene	1.017	1.089	1.161	1.237	1.294	1.351	1.376	1.477	1.532	1.441	1.297	13.14	
93)	T	Benzidine					0.595	0.723	0.822	0.944	1.047	1.031		*L	0.9993
94)	T	Pyrene	1.072	1.131	1.234	1.289	1.364	1.394	1.392	1.500	1.525	1.487	1.339	11.60	
95)	S	4-Terphenyl-d14		0.618	0.700	0.754	0.775	0.834	0.810	0.916	0.942	0.913	0.807	13.38	
96)	T	Butyl benzyl phthalate			0.274	0.331	0.392	0.458	0.513	0.595	0.662	0.657		*Q	0.9978
97)	I	IS2_Phenanthrene-d10	----------ISTD----------												
98)	T	Diphenamid					0.386	0.421	0.488	0.519	0.615	0.587	0.503	17.89	
99)	I	IS3_Phenanthrene-d10	----------ISTD----------												
100)	T	n-Octadecane			0.300	0.339	0.362	0.396	0.430	0.442	0.466	0.470	0.401	15.58	
101)	T	Parathion				0.050	0.054	0.060	0.078	0.091	0.120	0.137		*Q	0.9979
102)	T	3,3'-Dimethylbenzidine				0.296	0.329	0.412	0.557	0.639	0.765	0.824		*Q	0.9960
103)	I	IS1_Chrysene-d12	----------ISTD----------												
104)	T	Benzo[a]anthracene	1.010	0.940	1.059	1.126	1.096	1.223	1.224	1.250	1.293	1.213	1.143	10.10	
105)	T	3,3'-Dichlorobenzidine			0.289	0.340	0.363	0.411	0.434	0.468	0.480	0.461	0.406	16.92	
106)	T	Chrysene	1.421	1.386	1.386	1.340	1.301	1.273	1.269	1.270	1.221	1.196	1.306	5.72	
107)	T	bis(2-Ethylhexyl)phthalate		0.391	0.462	0.546	0.590	0.729	0.773	0.815	0.866			*Q	0.9981
108)	T	Di-n-octylphthalate			0.623	0.770	0.855	1.076	1.239	1.354	1.460	1.412		*L	0.9974

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2039431**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL17065**
Calibration dates	**: 07/12/20 23:01 07/13/20 13:13**		

Calibration Files

L1 =AP9L1.D L2 =ABNL2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =ABNL7.D

L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
109)	T	Benzo(b)fluoranthene		0.906	1.097	1.111	1.111	1.295	1.251	1.213	1.223	1.148	1.151	10.00
110)	T	Benzo(k)fluoranthene		1.053	1.176	1.245	1.188	1.146	1.198	1.227	1.156	1.056	1.160	5.84
111)	T	Benzo(a)pyrene		0.775	0.971	1.026	1.065	1.134	1.165	1.140	1.093	1.032	1.045	11.38
112)	I	IS1_Perylene-d12	----------ISTD----------											
113)	T	Indeno(1,2,3-cd)pyrene		0.743	0.821	0.883	0.971	1.111	1.068	1.184	1.240	1.132	1.017	16.90
114)	T	Dibenzo[a,h]anthracene		0.855	0.933	1.041	1.111	1.142	1.123	1.274	1.263	1.202	1.105	12.85
115)	T	Benzo(g,h,i)perylene	0.980	1.011	1.048	1.138	1.147	1.179	1.151	1.261	1.144	1.080	1.114	7.55

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: SV107	**Calibration Date**	: 09/23/20 03:40		
Lab File ID	: ABN0922NA	**Init. Calib. Date(s)**	: 07/12/20	07/13/20	
Sample No	: WG1413271-3	**Init. Calib. Times**	: 23:01	13:13	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	94	0
n-Nitrosodimethylamine	0.487	0.525	-	-7.8	20	99	0
Pyridine	0.857	0.899	-	-4.9	20	93	0
2-Fluorophenol	0.692	0.755	-	-9.1	20	96	0
Aniline	1.182	1.244	-	-5.2	20	95	0
2-Chlorophenol	0.846	0.831	-	1.8	20	86	0
Phenol-d6	0.872	1.018	-	-16.7	20	103	0
Phenol	0.987	1.021	-	-3.4	20	92	0
Bis(2-chloroethyl)ether	0.791	0.834	-	-5.4	20	94	0
1,3-Dichlorobenzene	0.994	0.912	-	8.2	20	84	0
1,4-Dichlorobenzene	1.012	0.95	-	6.1	20	88	0
1,2-Dichlorobenzene	0.974	0.887	-	8.9	20	84	0
Benzyl alcohol	0.591	0.667	-	-12.9	20	102	0
Bis(2-chloroisopropyl)ethe	1.122	1.36	-	-21.2*	20	111	0
2-Methylphenol	0.72	0.755	-	-4.9	20	90	0
Hexachloroethane	0.402	0.39	-	3	20	91	0
n-Nitrosodi-n-propylamine	0.569	0.624	-	-9.7	20	100	0
3-Methylphenol/4-Methylphe	0.77	0.801	-	-4	20	91	0
Nitrobenzene-d5	0.786	0.91	-	-15.8	20	101	0
Nitrobenzene	0.818	0.899	-	-9.9	20	98	0
Isophorone	1.508	1.632	-	-8.2	20	96	0
2-Nitrophenol	0.409	0.424	-	-3.7	20	98	0
2,4-Dimethylphenol	0.762	0.852	-	-11.8	20	100	0
Bis(2-chloroethoxy)methane	1.009	1.123	-	-11.3	20	98	0
2,4-Dichlorophenol	0.686	0.679	-	1	20	88	0
1,2,4-Trichlorobenzene	0.824	0.713	-	13.5	20	82	0
IS1_Naphthalene-d8	1	1	-	0	20	94	0
Naphthalene	1.082	1.009	-	6.7	20	85	0
Benzoic Acid	5	6.028	-	-20.6*	20	127	0
4-Chloroaniline	0.118	0.136	-	-15.3	20	101	0
Hexachlorobutadiene	0.173	0.142	-	17.9	20	78	0
p-Chloro-m-cresol	0.274	0.303	-	-10.6	20	102	0
2-Methylnaphthalene	0.698	0.675	-	3.3	20	90	0
1-Methylnaphthalene	0.243	0.237	-	2.5	20	89	0
Hexachlorocyclopentadiene	0.208	0.181	-	13	20	83	0
2,4,6-Trichlorophenol	0.188	0.194	-	-3.2	20	93	0
2,4,5-Trichlorophenol	0.209	0.209	-	0	20	90	0
2-Fluorobiphenyl	0.7	0.718	-	-2.6	20	92	0
2-Chloronaphthalene	0.655	0.631	-	3.7	20	88	0
2-Nitroaniline	5	4.898	-	2	20	102	0
1,4-Dinitrobenzene	5	5.241	-	-4.8	20	104	0
1,3-Dinitrobenzene	0.115	0.105	-	8.7	20	97	0
Dimethyl phthalate	0.743	0.764	-	-2.8	20	93	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: SV107	**Calibration Date**	: 09/23/20 03:40		
Lab File ID	: ABN0922NA	**Init. Calib. Date(s)**	: 07/12/20	07/13/20	
Sample No	: WG1413271-3	**Init. Calib. Times**	: 23:01	13:13	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.021	1.042	-	-2.1	20	91	0
2,6-Dinitrotoluene	0.156	0.164	-	-5.1	20	97	0
1,2-Dinitrobenzene	0.081	0.069	-	14.8	20	85	0
IS1_Acenaphthene-d10	1	1	-	0	20	94	0
3-Nitroaniline	5	5.056	-	-1.1	20	97	0
Acenaphthene	1.194	1.201	-	-0.6	20	93	0
2,4-Dinitrophenol	5	5.558	-	-11.2	20	112	0
Dibenzofuran	1.808	1.733	-	4.1	20	88	0
2,4-Dinitrotoluene	0.394	0.427	-	-8.4	20	101	0
4-Nitrophenol	0.288	0.352	-	-22.2*	20	117	0
2,3,5,6-Tetrachlorophenol	0.327	0.322	-	1.5	20	88	0
2,3,4,6-Tetrachlorophenol	0.34	0.308	-	9.4	20	85	0
Diethyl phthalate	1.383	1.608	-	-16.3	20	103	0
Fluorene	1.407	1.439	-	-2.3	20	91	0
4-Chlorophenyl phenyl ethe	0.649	0.606	-	6.6	20	86	0
4-Nitroaniline	5	5.192	-	-3.8	20	111	0
4,6-Dinitro-o-cresol	5	5.062	-	-1.2	20	102	0
NDPA/DPA	1.154	1.263	-	-9.4	20	98	0
Azobenzene	1.273	1.787	-	-40.4*	20	127	0
2,4,6-Tribromophenol	0.153	0.129	-	15.7	20	74	0
4-Bromophenyl phenyl ether	0.33	0.299	-	9.4	20	83	0
Hexachlorobenzene	0.371	0.27	-	27.2*	20	67	0
Pentachlorophenol	0.241	0.204	-	15.4	20	85	0
IS1_Phenanthrene-d10	1	1	-	0	20	101	0
Phenanthrene	1.155	1.09	-	5.6	20	94	0
Anthracene	1.131	1.066	-	5.7	20	92	0
Carbazole	1.025	0.997	-	2.7	20	93	0
Di-n-butylphthalate	1.175	1.32	-	-12.3	20	113	0
Fluoranthene	1.297	1.061	-	18.2	20	79	0
Benzidine	5	5.19	-	-3.8	20	104	0
Pyrene	1.339	1.143	-	14.6	20	82	0
4-Terphenyl-d14	0.807	0.686	-	15	20	83	0
Butyl benzyl phthalate	5	5.596	-	-11.9	20	124	0
IS1_Chrysene-d12	1	1	-	0	20	82	0
Benzo(a)anthracene	1.143	1.208	-	-5.7	20	81	0
3,3'-Dichlorobenzidine	0.406	0.411	-	-1.2	20	82	0
Chrysene	1.306	1.201	-	8	20	77	0
Bis(2-ethylhexyl)phthalate	5	7.899	-	-58*	20	132	0
Di-n-octylphthalate	5	7.095	-	-41.9*	20	137	0
Benzo(b)fluoranthene	1.151	1.077	-	6.4	20	68	0
Benzo(k)fluoranthene	1.16	0.891	-	23.2*	20	63	0
Benzo(a)pyrene	1.045	0.839	-	19.7	20	60	0
IS1_Perylene-d12	1	1	-	0	20	68	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2039431	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: SV107		**Calibration Date**	: 09/23/20 03:40	
Lab File ID	: ABN0922NA		**Init. Calib. Date(s)**	: 07/12/20	07/13/20
Sample No	: WG1413271-3		**Init. Calib. Times**	: 23:01	13:13
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.017	0.918	-	9.7	20	56	0
Dibenzo(a,h)anthracene	1.105	1.008	-	8.8	20	60	0
Benzo(ghi)perylene	1.114	0.973	-	12.7	20	56	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2039431	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: SV107		**Calibration Date**	: 09/23/20 04:06	
Lab File ID	: AP90922N		**Init. Calib. Date(s)**	: 07/12/20	07/13/20
Sample No	: WG1413271-4		**Init. Calib. Times**	: 23:01	13:13
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	113	0
Benzaldehyde	0.665	0.836	-	-25.7*	20	133	0
Acetophenone	1.147	1.405	-	-22.5*	20	134	0
m-Toluidine	1.185	1.442	-	-21.7*	20	132	0
2-Chloroaniline	1.1	1.24	-	-12.7	20	120	0
IS2_Naphthalene-d8	1	1	-	0	20	117	0
a-Terpineol	0.277	0.401	-	-44.8*	20	169	0
3-Chloroaniline	0.146	0.179	-	-22.6*	20	141	0
2,6-Dichlorophenol	0.279	0.297	-	-6.5	20	124	0
1-chloro-2-nitrobenzene	0.149	0.164	-	-10.1	20	129	0
Caprolactam	5	7.152	-	-43*	20	191	0
1,2,4,5-Tetrachlorobenzene	0.316	0.296	-	6.3	20	106	0
Biphenyl	0.822	0.897	-	-9.1	20	125	0
IS2_Acenaphthene-d10	1	1	-	0	20	116	0
Dichloran	5	5.827	-	-16.5	20	151	0
Pentachloronitrobenzene	0.146	0.165	-	-13	20	139	0
IS2_Phenanthrene-d10	1	1	-	0	20	115	0
Diphenamid	0.503	0.578	-	-14.9	20	158	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2039431	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: SV107		**Calibration Date**	: 09/23/20 04:32	
Lab File ID	: ADP0922N		**Init. Calib. Date(s)**	: 07/12/20	07/13/20
Sample No	: WG1413271-5		**Init. Calib. Times**	: 23:01	13:13
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	102	0
n-Decane	0.905	1.492	-	-64.9*	20	165	0
IS3_Acenaphthene-d10	1	1	-	0	20	110	0
Atrazine	5	6.759	-	-35.2*	20	171	0
IS3_Phenanthrene-d10	1	1	-	0	20	112	0
n-Octadecane	0.401	0.875	-	-118.2*	20	248	0
Parathion	5	9.579	-	-91.6*	20	278	0
3,3'-Dimethylbenzidine	5	6.808	-	-36.2*	20	186	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: SV107	**Calibration Date**	: 09/24/20 08:31		
Lab File ID	: ABN0924	**Init. Calib. Date(s)**	: 07/12/20	07/13/20	
Sample No	: WG1414034-3	**Init. Calib. Times**	: 23:01	13:13	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	69	-.01
n-Nitrosodimethylamine	0.487	0.595	-	-22.2*	20	82	0
Pyridine	0.857	0.893	-	-4.2	20	68	0
2-Fluorophenol	0.692	0.778	-	-12.4	20	72	-.01
Aniline	1.182	1.261	-	-6.7	20	70	-.02
2-Chlorophenol	0.846	0.836	-	1.2	20	64	-.01
Phenol-d6	0.872	1.036	-	-18.8	20	76	-.02
Phenol	0.987	1.04	-	-5.4	20	68	-.02
Bis(2-chloroethyl)ether	0.791	0.815	-	-3	20	67	-.01
1,3-Dichlorobenzene	0.994	0.919	-	7.5	20	62	-.01
1,4-Dichlorobenzene	1.012	0.938	-	7.3	20	64	-.01
1,2-Dichlorobenzene	0.974	0.897	-	7.9	20	62	0
Benzyl alcohol	0.591	0.663	-	-12.2	20	74	-.01
Bis(2-chloroisopropyl)ethe	1.122	1.335	-	-19	20	80	0
2-Methylphenol	0.72	0.746	-	-3.6	20	65	-.01
Hexachloroethane	0.402	0.38	-	5.5	20	65	-.01
n-Nitrosodi-n-propylamine	0.569	0.567	-	0.4	20	67	0
3-Methylphenol/4-Methylphe	0.77	0.782	-	-1.6	20	65	-.02
Nitrobenzene-d5	0.786	0.899	-	-14.4	20	73	0
Nitrobenzene	0.818	0.89	-	-8.8	20	71	0
Isophorone	1.508	1.49	-	1.2	20	64	-.01
2-Nitrophenol	0.409	0.422	-	-3.2	20	71	0
2,4-Dimethylphenol	0.762	0.78	-	-2.4	20	67	-.01
Bis(2-chloroethoxy)methane	1.009	1.014	-	-0.5	20	65	0
2,4-Dichlorophenol	0.686	0.648	-	5.5	20	62	-.01
1,2,4-Trichlorobenzene	0.824	0.684	-	17	20	58	-.01
IS1_Naphthalene-d8	1	1	-	0	20	67	0
Naphthalene	1.082	1.028	-	5	20	62	-.01
Benzoic Acid	5	5.731	-	-14.6	20	84	-.02
4-Chloroaniline	0.118	0.132	-	-11.9	20	70	-.01
Hexachlorobutadiene	0.173	0.137	-	20.8*	20	54	0
p-Chloro-m-cresol	0.274	0.286	-	-4.4	20	69	-.01
2-Methylnaphthalene	0.698	0.655	-	6.2	20	63	0
1-Methylnaphthalene	0.243	0.228	-	6.2	20	61	-.01
Hexachlorocyclopentadiene	0.208	0.162	-	22.1*	20	53	-.01
2,4,6-Trichlorophenol	0.188	0.183	-	2.7	20	63	-.01
2,4,5-Trichlorophenol	0.209	0.202	-	3.3	20	62	-.01
2-Fluorobiphenyl	0.7	0.682	-	2.6	20	63	-.01
2-Chloronaphthalene	0.655	0.62	-	5.3	20	62	-.01
2-Nitroaniline	5	4.799	-	4	20	71	0
1,4-Dinitrobenzene	5	4.995	-	0.1	20	69	-.01
1,3-Dinitrobenzene	0.115	0.099	-	13.9	20	66	-.01
Dimethyl phthalate	0.743	0.688	-	7.4	20	60	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: SV107	**Calibration Date**	: 09/24/20 08:31		
Lab File ID	: ABN0924	**Init. Calib. Date(s)**	: 07/12/20	07/13/20	
Sample No	: WG1414034-3	**Init. Calib. Times**	: 23:01	13:13	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.021	0.998	-	2.3	20	63	0
2,6-Dinitrotoluene	0.156	0.151	-	3.2	20	64	0
1,2-Dinitrobenzene	0.081	0.067	-	17.3	20	59	-.01
IS1_Acenaphthene-d10	1	1	-	0	20	64	-.01
3-Nitroaniline	5	5.231	-	-4.6	20	69	-.01
Acenaphthene	1.194	1.195	-	-0.1	20	63	-.01
2,4-Dinitrophenol	5	5.813	-	-16.3	20	81	-.01
Dibenzofuran	1.808	1.727	-	4.5	20	60	-.01
2,4-Dinitrotoluene	0.394	0.422	-	-7.1	20	68	-.01
4-Nitrophenol	0.288	0.364	-	-26.4*	20	83	-.01
2,3,5,6-Tetrachlorophenol	0.327	0.306	-	6.4	20	57	-.01
2,3,4,6-Tetrachlorophenol	0.34	0.297	-	12.6	20	56	-.01
Diethyl phthalate	1.383	1.446	-	-4.6	20	63	-.01
Fluorene	1.407	1.393	-	1	20	60	-.01
4-Chlorophenyl phenyl ethe	0.649	0.583	-	10.2	20	56	-.01
4-Nitroaniline	5	5.341	-	-6.8	20	78	-.01
4,6-Dinitro-o-cresol	5	4.958	-	0.8	20	68	-.01
NDPA/DPA	1.154	1.185	-	-2.7	20	63	-.01
Azobenzene	1.273	1.413	-	-11	20	68	-.01
2,4,6-Tribromophenol	0.153	0.142	-	7.2	20	55	-.01
4-Bromophenyl phenyl ether	0.33	0.305	-	7.6	20	58	-.01
Hexachlorobenzene	0.371	0.298	-	19.7	20	50	-.01
Pentachlorophenol	0.241	0.196	-	18.7	20	56	-.01
IS1_Phenanthrene-d10	1	1	-	0	20	70	-.01
Phenanthrene	1.155	1.08	-	6.5	20	64	-.01
Anthracene	1.131	1.062	-	6.1	20	63	0
Carbazole	1.025	0.999	-	2.5	20	65	-.01
Di-n-butylphthalate	1.175	1.121	-	4.6	20	67	-.01
Fluoranthene	1.297	1.101	-	15.1	20	57	-.01
Benzidine	5	5.151	-	-3	20	72	-.01
Pyrene	1.339	1.186	-	11.4	20	59	-.01
4-Terphenyl-d14	0.807	0.707	-	12.4	20	59	-.01
Butyl benzyl phthalate	5	4.904	-	1.9	20	74	-.01
IS1_Chrysene-d12	1	1	-	0	20	63	-.01
Benzo(a)anthracene	1.143	1.15	-	-0.6	20	59	0
3,3'-Dichlorobenzidine	0.406	0.399	-	1.7	20	61	-.01
Chrysene	1.306	1.205	-	7.7	20	60	-.01
Bis(2-ethylhexyl)phthalate	5	5.554	-	-11.1	20	70	0
Di-n-octylphthalate	5	5.344	-	-6.9	20	76	0
Benzo(b)fluoranthene	1.151	1.2	-	-4.3	20	58	-.01
Benzo(k)fluoranthene	1.16	0.968	-	16.6	20	53	-.01
Benzo(a)pyrene	1.045	0.981	-	6.1	20	55	-.01
IS1_Perylene-d12	1	1	-	0	20	62	-.01

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2039431	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: SV107		**Calibration Date**	: 09/24/20 08:31	
Lab File ID	: ABN0924		**Init. Calib. Date(s)**	: 07/12/20	07/13/20
Sample No	: WG1414034-3		**Init. Calib. Times**	: 23:01	13:13
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.017	0.967	-	4.9	20	54	-.01
Dibenzo(a,h)anthracene	1.105	1.111	-	-0.5	20	60	-.01
Benzo(ghi)perylene	1.114	1.067	-	4.2	20	56	-.01

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2039431	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: SV107		**Calibration Date**	: 09/24/20 08:57	
Lab File ID	: AP90924		**Init. Calib. Date(s)**	: 07/12/20	07/13/20
Sample No	: WG1414034-4		**Init. Calib. Times**	: 23:01	13:13
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	79	0
Benzaldehyde	0.665	0.791	-	-18.9	20	88	0
Acetophenone	1.147	1.324	-	-15.4	20	88	0
m-Toluidine	1.185	1.349	-	-13.8	20	86	0
2-Chloroaniline	1.1	1.191	-	-8.3	20	80	0
IS2_Naphthalene-d8	1	1	-	0	20	78	0
a-Terpineol	0.277	0.363	-	-31*	20	102	0
3-Chloroaniline	0.146	0.174	-	-19.2	20	91	0
2,6-Dichlorophenol	0.279	0.292	-	-4.7	20	81	0
1-chloro-2-nitrobenzene	0.149	0.154	-	-3.4	20	81	0
Caprolactam	5	6.608	-	-32.2*	20	116	0
1,2,4,5-Tetrachlorobenzene	0.316	0.291	-	7.9	20	70	0
Biphenyl	0.822	0.831	-	-1.1	20	77	0
IS2_Acenaphthene-d10	1	1	-	0	20	72	0
Dichloran	5	5.728	-	-14.6	20	91	0
Pentachloronitrobenzene	0.146	0.153	-	-4.8	20	80	0
IS2_Phenanthrene-d10	1	1	-	0	20	72	0
Diphenamid	0.503	0.481	-	4.4	20	83	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2039431	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: SV107		**Calibration Date**	: 09/24/20 09:24	
Lab File ID	: ADP0924		**Init. Calib. Date(s)**	: 07/12/20	07/13/20
Sample No	: WG1414034-5		**Init. Calib. Times**	: 23:01	13:13
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	79	0
n-Decane	0.905	1.403	-	-55*	20	121	0
IS3_Acenaphthene-d10	1	1	-	0	20	81	0
Atrazine	5	5.842	-	-16.8	20	107	0
IS3_Phenanthrene-d10	1	1	-	0	20	82	0
n-Octadecane	0.401	0.663	-	-65.3*	20	137	0
Parathion	5	7.41	-	-48.2*	20	147	0
3,3'-Dimethylbenzidine	5	6.145	-	-22.9*	20	119	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Lisko Environmental, LLC
Project Name: PISTOIA TIRE CO

Lab Number: L2039431
Project Number: 0064-5
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (NBZ)	S2 (FBP)	S3 (TPH)	S4 ()	S5 ()	S6 ()	TOT OUT
MW-1 (L2039431-01)	54	43	48	--	--	--	0
MW-2 (L2039431-02)	76	63	66	--	--	--	0
MW-3 (L2039431-03)	78	69	73	--	--	--	0
MW-4 (L2039431-04)	87	74	74	--	--	--	0
MW-5 (L2039431-05)	84	77	74	--	--	--	0
MW-6 (L2039431-06)	64	53	61	--	--	--	0
WG1413157-1BLANK	86	79	73	--	--	--	0
WG1413157-2LCS	84	79	70	--	--	--	0
WG1413157-3LCSD	84	77	64	--	--	--	0
WG1413850-1BLANK	83	76	70	--	--	--	0
WG1413850-2LCS	82	74	71	--	--	--	0
WG1413850-3LCSD	81	72	66	--	--	--	0

QC LIMITS

(30-130) NBZ = NITROBENZENE-D5
(30-130) FBP = 2-FLUOROBIPHENYL
(30-130) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NJ-BNEXT-LVI

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1413157-2	**Analysis Date** : 09/23/20 08:34	**File ID** : 413157-2
LCSD Sample ID	: WG1413157-3	**Analysis Date** : 09/23/20 09:00	**File ID** : 413157-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Acenaphthene	18	13	71		18	14	76		7	70-130	20
Bis(2-chloroethyl)ether	18	14	78		18	14	78		0	70-130	20
2-Chloronaphthalene	18	13	70		18	13	70		0	70-130	20
2,4-Dinitrotoluene	18	14	80		18	15	82		2	70-130	20
2,6-Dinitrotoluene	18	14	76		18	14	75		1	70-130	20
Fluoranthene	18	12	67	Q	18	12	65	Q	3	70-130	20
4-Chlorophenyl phenyl ether	18	13	71		18	14	75		5	70-130	20
Bis(2-chloroisopropyl)ether	18	16	89		18	16	89		0	70-130	20
Bis(2-chloroethoxy)methane	18	15	85		18	15	83		2	70-130	20
Hexachlorocyclopentadiene	18	9.1	50		18	9.2	51		2	20-160	20
Hexachloroethane	18	11	62		18	12	64		3	20-160	20
Isophorone	18	14	80		18	14	79		1	70-130	20
Naphthalene	18	12	69	Q	18	13	70		1	70-130	20
Nitrobenzene	18	15	81		18	15	81		0	70-130	20
NDPA/DPA	18	15	81		18	15	84		4	70-130	20
n-Nitrosodi-n-propylamine	18	15	82		18	15	84		2	70-130	20
Bis(2-ethylhexyl)phthalate	18	24	134	Q	18	24	135	Q	1	70-130	20
Butyl benzyl phthalate	18	17	93		18	16	90		3	70-130	20
Di-n-butylphthalate	18	18	100		18	18	98		2	70-130	20
Di-n-octylphthalate	18	21	117		18	22	119		2	70-130	20
Diethyl phthalate	18	16	90		18	17	92		2	70-130	20
Dimethyl phthalate	18	14	78		18	14	76		3	70-130	20
Chrysene	18	13	74		18	14	80		8	70-130	20
Acenaphthylene	18	13	73		18	13	72		1	70-130	20
Anthracene	18	14	77		18	14	76		1	70-130	20
Benzo(ghi)perylene	18	14	76		18	14	80		5	70-130	20

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1413157-2 **Analysis Date** : 09/23/20 08:34	**File ID**	: 413157-2
LCSD Sample ID	: WG1413157-3 **Analysis Date** : 09/23/20 09:00	**File ID**	: 413157-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Fluorene	18	14	75		18	14	79		5	70-130	20
Phenanthrene	18	14	76		18	14	76		0	70-130	20
Pyrene	18	12	69	Q	18	11	63	Q	9	70-130	20
4-Chloroaniline	18	12	67		18	13	71		6	20-160	20
2-Nitroaniline	18	14	77		18	14	75		3	70-130	20
3-Nitroaniline	18	13	70		18	14	75		7	70-130	20
4-Nitroaniline	18	14	76		18	14	80		5	70-130	20
Dibenzofuran	18	13	72		18	14	75		4	70-130	20
2-Methylnaphthalene	18	12	69	Q	18	13	72		4	70-130	20
Carbazole	18	14	79		18	14	77		3	70-130	20
4-Bromophenyl phenyl ether	18	13	72		18	13	71		1	70-130	20
3,3'-Dichlorobenzidine	18	13	70		18	13	69	Q	1	70-130	20
Benzaldehyde	18	14	77		18	14	77		0	20-160	20
Acetophenone	18	15	81		18	14	80		1	70-130	20
Caprolactam	18	9.8	54		18	10	56		4	20-160	20
Biphenyl	18	13	74		18	13	74		0	70-130	20
1,2,4,5-Tetrachlorobenzene	18	11	60	Q	18	11	62	Q	3	70-130	20
Atrazine	18	18	101		18	19	105		4	70-130	20

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1413850-2	**Analysis Date** : 09/24/20 11:13	**File ID** : 14850-2
LCSD Sample ID	: WG1413850-3	**Analysis Date** : 09/24/20 11:39	**File ID** : 14850-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Acenaphthene	18	14	74		18	13	70		6	70-130	20
Bis(2-chloroethyl)ether	18	14	78		18	14	74		5	70-130	20
2-Chloronaphthalene	18	13	72		18	12	69	Q	4	70-130	20
2,4-Dinitrotoluene	18	14	77		18	14	80		4	70-130	20
2,6-Dinitrotoluene	18	14	75		18	13	72		4	70-130	20
Fluoranthene	18	13	72		18	13	71		1	70-130	20
4-Chlorophenyl phenyl ether	18	12	69	Q	18	12	68	Q	1	70-130	20
Bis(2-chloroisopropyl)ether	18	15	82		18	15	80		2	70-130	20
Bis(2-chloroethoxy)methane	18	14	77		18	14	77		0	70-130	20
Hexachlorocyclopentadiene	18	10	56		18	10	55		2	20-160	20
Hexachloroethane	18	12	66		18	12	65		2	20-160	20
Isophorone	18	13	73		18	13	71		3	70-130	20
Naphthalene	18	13	73		18	12	68	Q	7	70-130	20
Nitrobenzene	18	15	80		18	14	80		0	70-130	20
NDPA/DPA	18	15	83		18	14	78		6	70-130	20
n-Nitrosodi-n-propylamine	18	14	77		18	14	75		3	70-130	20
Bis(2-ethylhexyl)phthalate	18	18	100		18	18	99		1	70-130	20
Butyl benzyl phthalate	18	16	86		18	15	84		2	70-130	20
Di-n-butylphthalate	18	14	79		18	14	78		1	70-130	20
Di-n-octylphthalate	18	17	96		18	17	93		3	70-130	20
Diethyl phthalate	18	15	80		18	15	81		1	70-130	20
Dimethyl phthalate	18	14	76		18	13	74		3	70-130	20
Chrysene	18	14	76		18	13	74		3	70-130	20
Acenaphthylene	18	13	74		18	13	70		6	70-130	20
Anthracene	18	14	78		18	14	77		1	70-130	20
Benzo(ghi)perylene	18	14	79		18	14	75		5	70-130	20

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1413850-2	**Analysis Date** : 09/24/20 11:13	**File ID** : 14850-2
LCSD Sample ID	: WG1413850-3	**Analysis Date** : 09/24/20 11:39	**File ID** : 14850-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Fluorene	18	14	74		18	13	72		3	70-130	20
Phenanthrene	18	14	80		18	13	72		11	70-130	20
Pyrene	18	13	74		18	13	71		4	70-130	20
4-Chloroaniline	18	12	65		18	11	60		8	20-160	20
2-Nitroaniline	18	14	76		18	14	75		1	70-130	20
3-Nitroaniline	18	13	69	Q	18	13	71		3	70-130	20
4-Nitroaniline	18	14	80		18	14	80		0	70-130	20
Dibenzofuran	18	13	73		18	12	69	Q	6	70-130	20
2-Methylnaphthalene	18	14	76		18	13	70		8	70-130	20
Carbazole	18	15	82		18	14	78		5	70-130	20
4-Bromophenyl phenyl ether	18	13	74		18	13	72		3	70-130	20
3,3'-Dichlorobenzidine	18	13	73		18	13	70		4	70-130	20
Benzaldehyde	18	14	80		18	14	77		4	20-160	20
Acetophenone	18	14	80		18	14	78		3	70-130	20
Caprolactam	18	10	57		18	10	56		2	20-160	20
Biphenyl	18	14	76		18	13	71		7	70-130	20
1,2,4,5-Tetrachlorobenzene	18	11	62	Q	18	11	59	Q	5	70-130	20
Atrazine	18	18	100		18	18	100		0	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV107	**Analysis Date**	: 09/23/20 03:40
Sample No	: WG1413271-3	**Lab File ID**	: ABN0922NA

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1413271-3	52573	5.13	132228	6.80	68698	8.58
Upper Limit	105146	5.63	264456	7.30	137396	9.08
Lower Limit	26287	4.63	66114	6.30	34349	8.08
Sample ID						
WG1413271-4 CCAL	52808	5.13	140425	6.80	72381	8.58
WG1413271-5 CCAL	47083	5.13	-	-	62839	8.58
WG1413157-1 BLANK	49379	5.13	126054	6.80	63475	8.58
WG1413157-2 LCS	53134	5.14	132449	6.80	68555	8.58
WG1413157-3 LCSD	53191	5.14	131338	6.80	63424	8.58

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV107	**Analysis Date**	: 09/23/20 03:40
Sample No	: WG1413271-3	**Lab File ID**	: ABN0922NA

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1413271-3	137256	9.98	107963	12.48	83691	13.82
Upper Limit	274512	10.48	215926	12.98	167382	14.32
Lower Limit	68628	9.48	53982	11.98	41846	13.32
Sample ID						
WG1413271-4 CCAL	140539	9.98	-	-	-	-
WG1413271-5 CCAL	128189	9.98	-	-	-	-
WG1413157-1 BLANK	120782	9.98	86644	12.47	67973	13.82
WG1413157-2 LCS	125654	9.98	86676	12.47	66581	13.82
WG1413157-3 LCSD	123421	9.98	84948	12.48	65267	13.83

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV107	**Analysis Date**	: 09/24/20 08:31
Sample No	: WG1414034-3	**Lab File ID**	: ABN0924

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1414034-3	38438	5.12	94578	6.79	46874	8.57
Upper Limit	76876	5.62	189156	7.29	93748	9.07
Lower Limit	19219	4.62	47289	6.29	23437	8.07
Sample ID						
WG1414034-4 CCAL	36940	5.12	93354	6.79	44844	8.57
WG1414034-5 CCAL	36663	5.12	-	-	45992	8.57
WG1413850-1 BLANK	35182	5.12	86565	6.79	42276	8.57
WG1413850-2 LCS	37584	5.12	89311	6.79	44990	8.57
WG1413850-3 LCSD	38917	5.12	95246	6.79	48586	8.57
MW-1	35236	5.12	89858	6.79	45614	8.57
MW-2	38312	5.12	97001	6.79	49817	8.57
MW-3	36336	5.12	92690	6.79	48617	8.57
MW-4	37700	5.12	97111	6.79	51001	8.57
MW-5	39802	5.12	97700	6.79	52559	8.57
MW-6	39015	5.13	104632	6.79	53280	8.57

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV107	**Analysis Date**	: 09/24/20 08:31
Sample No	: WG1414034-3	**Lab File ID**	: ABN0924

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1414034-3	95146	9.97	83481	12.47	76625	13.81
Upper Limit	190292	10.47	166962	12.97	153250	14.31
Lower Limit	47573	9.47	41741	11.97	38313	13.31
Sample ID						
WG1414034-4 CCAL	88308	9.97	-	-	-	-
WG1414034-5 CCAL	93210	9.97	-	-	-	-
WG1413850-1 BLANK	77622	9.97	61330	12.47	55758	13.81
WG1413850-2 LCS	83361	9.97	72898	12.47	70848	13.81
WG1413850-3 LCSD	91492	9.97	76663	12.47	72001	13.81
MW-1	86698	9.97	82294	12.47	77662	13.82
MW-2	93480	9.97	81931	12.47	74717	13.81
MW-3	91437	9.97	81057	12.47	78064	13.82
MW-4	94083	9.97	80958	12.47	76465	13.81
MW-5	99030	9.97	85658	12.47	76654	13.81
MW-6	100019	9.97	88526	12.47	78481	13.82

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 25 08:29:15 2020
Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 13:45:37 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\200924lvi\ABN0924.D
: 2 - I:\8270\SV107\200924lvi\ADP0924.D
: 3 - I:\8270\SV107\200924lvi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.122	150	35236	4.000	ug/ml		0.00
Standard Area 1 = 38438			Recovery = 91.67%				
27) IS2_1,4-Dichlorobenzen...	5.122	150	35236	4.000	ug/ml		0.00
Standard Area 3 = 36940			Recovery = 95.39%				
34) IS1_Naphthalene-d8	6.792	136	89858	4.000	ug/ml		0.00
Standard Area 1 = 94578			Recovery = 95.01%				
54) IS2_Naphthalene-d8	6.792	136	89858	4.000	ug/ml		0.00
Standard Area 3 = 93354			Recovery = 96.26%				
62) IS1_Acenaphthene-d10	8.569	164	45614	4.000	ug/ml		0.00
Standard Area 1 = 46874			Recovery = 97.31%				
85) IS3_Acenaphthene-d10	8.569	164	45614	4.000	ug/ml		0.00
Standard Area 2 = 45992			Recovery = 99.18%				
87) IS1_Phenanthrene-d10	9.969	188	86698	4.000	ug/ml	#	0.00
Standard Area 1 = 95146			Recovery = 91.12%				
103) IS1_Chrysene-d12	12.469	240	82294	4.000	ug/ml	#	0.00
Standard Area 1 = 83481			Recovery = 98.58%				
112) IS1_Perylene-d12	13.816	264	77662	4.000	ug/ml		0.00
Standard Area 1 = 76625			Recovery = 101.35%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.240	112	10256	1.684	ug/ml		0.01
Spiked Amount 5.000	Range 15 - 110		Recovery. = 33.68%				
7) Phenol-d6	4.716	99	13427	1.747	ug/ml		0.01
Spiked Amount 5.000	Range 15 - 110		Recovery. = 34.94%				
19) Nitrobenzene-d5	5.969	82	9313	1.344	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 53.76%				
45) 2-Fluorobiphenyl	7.969	172	16715	1.063	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 42.52%				
78) 2,4,6-Tribromophenol	9.328	330	2219	1.272	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery. = 25.44%				
95) 4-Terphenyl-d14	11.539	244	20959	1.198	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 47.92%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 25 08:29:15 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 13:45:37 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.	d	
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.	d	
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.	d	
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 25 08:29:15 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 13:45:37 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
106) Chrysene	0.000		0	N.D.		
107) Bis(2-ethylhexyl)phtha...	12.669	149	2158	0.437	ug/ml#	52
108) Di-n-octylphthalate	0.000		0	N.D.	d	
115) Benzo(ghi)perylene	0.000		0	N.D.		

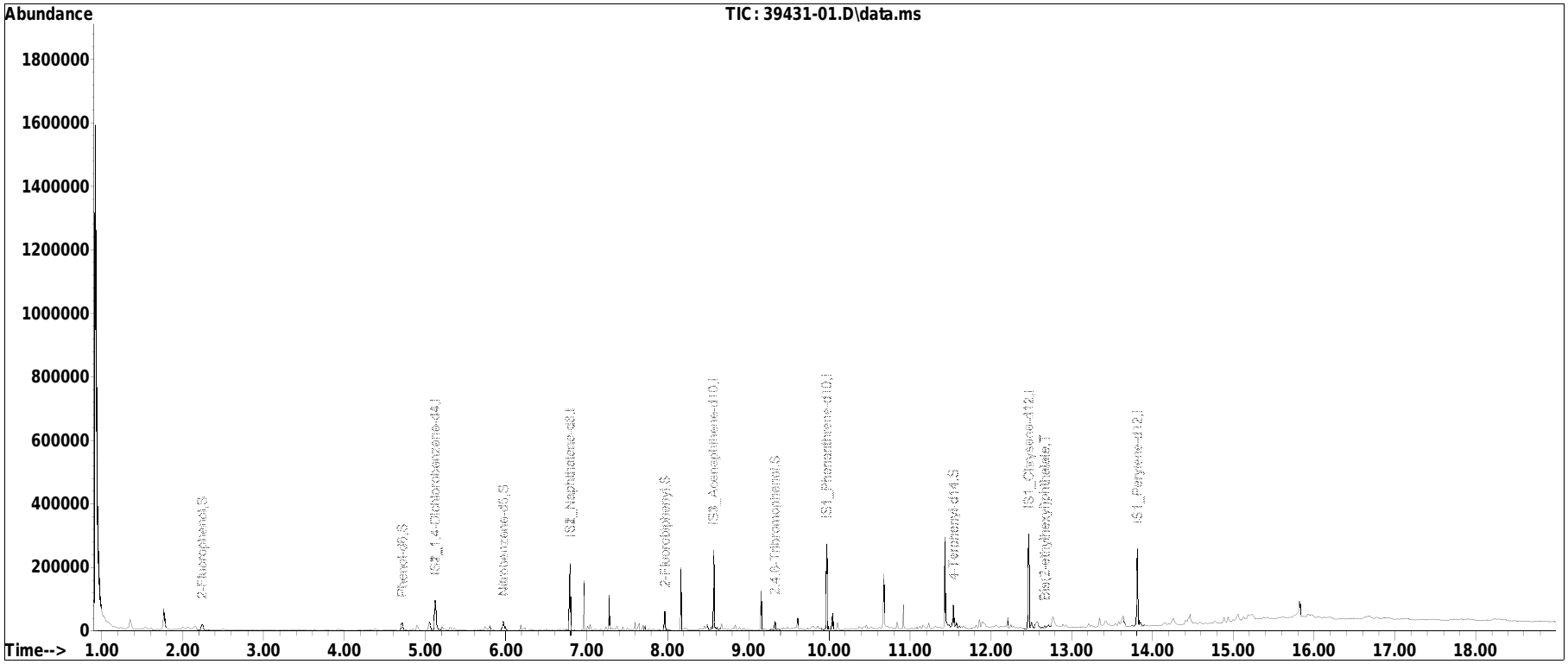
(#) = qualifier out of range (m) = manual integration (+) = signals summed

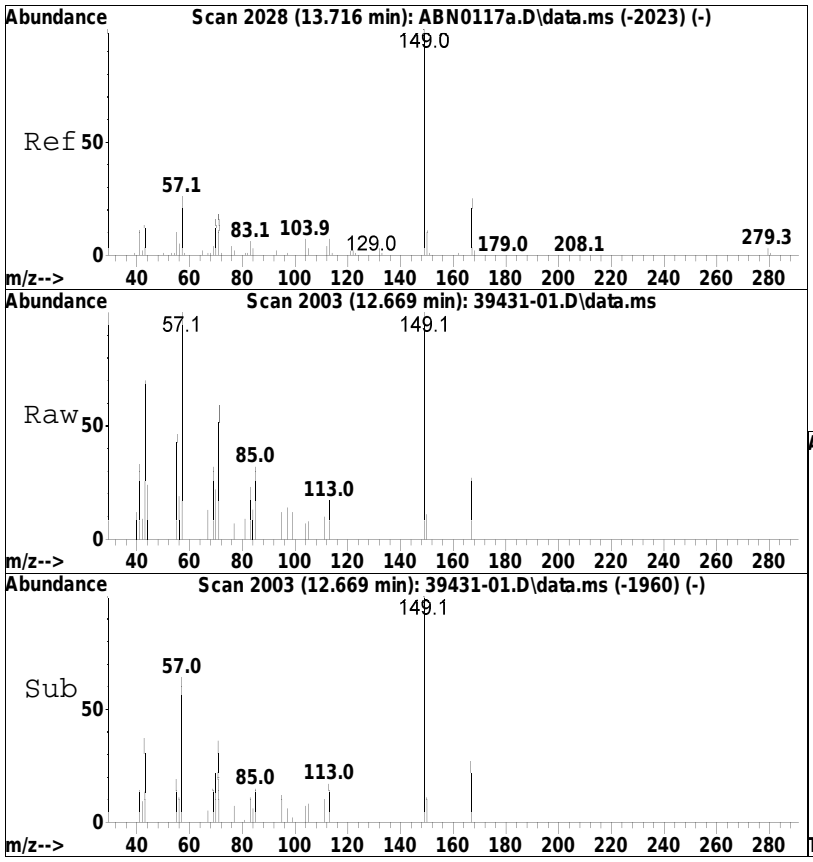
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 25 08:29:15 2020
Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 13:45:37 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional924.D•

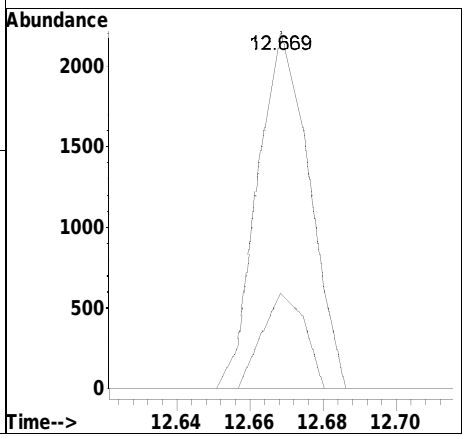




#107
Bis(2-ethylhexyl)phthalate
Concen: 0.44 ug/ml
RT: 12.669 min Scan# 2003
Delta R.T. 0.000 min
Lab File: 39431-01.D
Acq: 24 Sep 2020 1:25 pm

Tgt Ion:149 Resp: 2158

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.1	33.1#
279	0.0	3.0	4.4#



Manual Integration/Negative Proof Report

Data Path	: I:\8270\SV107\200924lvi\	QMethod	: FS200712SV107.m
Data File	: 39431-01.D	Operator	: SV107:wr
Date Inj'd	: 9/24/2020 1:25 pm	Instrument	: SV 107
Sample	: L2039431-01,32,,DW	Quant Date	: 9/24/2020 1:45 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 39431-01.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.346	69	78	88	rVB	29292	57831	20.76%	1.255%
2	1.534	104	110	119	rBV5	6621	18180	6.52%	0.395%
3	1.757	140	148	167	rVB	66213	127779	45.86%	2.773%
4	1.999	183	189	194	rVV3	5961	13725	4.93%	0.298%
5	2.063	194	200	207	rVV5	5897	17817	6.39%	0.387%
6	2.152	207	215	222	rVV	9780	26961	9.68%	0.585%
7	2.240	224	230	238	rVB	18992	36359	13.05%	0.789%
8	3.922	509	516	531	rBV4	3203	10696	3.84%	0.232%
9	4.393	588	596	607	rVB5	3936	11590	4.16%	0.252%
10	4.716	642	651	657	rBV	24573	39399	14.14%	0.855%
11	4.898	679	682	694	rVB	15833	27521	9.88%	0.597%
12	5.051	698	708	715	rBV	27874	45530	16.34%	0.988%
13	5.122	715	720	730	rVB	94182	149378	53.61%	3.242%
14	5.210	730	735	747	rBV5	10887	24860	8.92%	0.540%
15	5.310	747	752	756	rVB2	10827	14558	5.22%	0.316%
16	5.740	820	825	831	rVV3	11537	21005	7.54%	0.456%
17	5.798	831	835	839	rVV3	15078	18650	6.69%	0.405%
18	5.969	855	864	867	rBV2	27906	43186	15.50%	0.937%
19	6.181	892	900	904	rVV	17015	21370	7.67%	0.464%
20	6.234	904	909	915	rVV2	7184	11252	4.04%	0.244%
21	6.298	915	920	935	rVV5	3875	10848	3.89%	0.235%
22	6.792	999	1004	1010	rVB	212922	194497	69.80%	4.222%
23	6.963	1029	1033	1037	rVB	157305	131211	47.09%	2.848%
24	7.010	1037	1041	1045	rBV2	14119	15978	5.73%	0.347%
25	7.045	1045	1047	1051	rVV2	18882	17557	6.30%	0.381%
26	7.228	1073	1078	1082	rBV	11368	12324	4.42%	0.267%
27	7.269	1082	1085	1089	rVV	111391	97902	35.14%	2.125%
28	7.310	1089	1092	1096	rVV	7878	12248	4.40%	0.266%

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.369	1096	1102	1107	rVV4	11411	21888	7.86%	0.475%
30	7.445	1112	1115	1120	rVB	10916	9914	3.56%	0.215%
31	7.498	1120	1124	1128	rBV	7632	10486	3.76%	0.228%
32	7.598	1135	1141	1144	rVV2	25254	28243	10.14%	0.613%
33	7.651	1144	1150	1153	rVV2	20505	26798	9.62%	0.582%
34	7.698	1153	1158	1160	rVV	16037	15587	5.59%	0.338%
35	7.722	1160	1162	1166	rVV	14643	11490	4.12%	0.249%
36	7.963	1200	1203	1207	rBV	60195	51875	18.62%	1.126%
37	8.157	1230	1236	1240	rBV	197271	171320	61.49%	3.718%
38	8.216	1240	1246	1249	rVV2	7459	12391	4.45%	0.269%
39	8.404	1270	1278	1284	rBV2	6420	15954	5.73%	0.346%
40	8.451	1284	1286	1289	rVV	12142	13272	4.76%	0.288%
41	8.486	1289	1292	1296	rVB	16787	19620	7.04%	0.426%
42	8.569	1296	1306	1311	rBV	250171	232118	83.31%	5.038%
43	8.675	1317	1324	1328	rVV	19383	23086	8.29%	0.501%
44	8.839	1342	1352	1355	rBV2	15120	23912	8.58%	0.519%
45	8.939	1365	1369	1374	rVB2	7797	10592	3.80%	0.230%
46	9.157	1402	1406	1409	rBV	123200	103396	37.11%	2.244%
47	9.192	1409	1412	1419	rVB2	5507	12306	4.42%	0.267%
48	9.281	1419	1427	1432	rBV3	4933	11453	4.11%	0.249%
49	9.328	1432	1435	1438	rBV	30402	24247	8.70%	0.526%
50	9.610	1475	1483	1486	rBV	34468	34309	12.31%	0.745%
51	9.798	1509	1515	1520	rBV6	9470	22524	8.08%	0.489%
52	9.851	1520	1524	1528	rVV4	10422	16021	5.75%	0.348%
53	9.892	1528	1531	1538	rVB5	6165	13400	4.81%	0.291%
54	9.969	1538	1544	1548	rBV	269971	232095	83.30%	5.038%
55	10.039	1553	1556	1564	rVB	51491	44735	16.06%	0.971%
56	10.110	1564	1568	1574	rVB	23877	23835	8.55%	0.517%
57	10.369	1607	1612	1619	rBV5	7766	13977	5.02%	0.303%
58	10.439	1619	1624	1627	rVV5	7968	14179	5.09%	0.308%
59	10.469	1627	1629	1632	rVV	12005	10323	3.70%	0.224%
60	10.522	1632	1638	1650	rVB6	8124	22569	8.10%	0.490%

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	10.622	1650	1655	1658	rBV3	6858	11432	4.10%	0.248%
62	10.675	1658	1664	1677	rVV2	168633	163339	58.62%	3.545%
63	10.839	1690	1692	1699	rVB	20696	20104	7.22%	0.436%
64	10.922	1699	1706	1714	rVB2	76329	76986	27.63%	1.671%
65	11.122	1736	1740	1743	rBV3	8680	9998	3.59%	0.217%
66	11.157	1743	1746	1754	rBV4	12403	21465	7.70%	0.466%
67	11.227	1754	1758	1761	rVV2	16846	15225	5.46%	0.330%
68	11.427	1786	1792	1799	rBV	287411	278630	100.00%	6.048%
69	11.539	1805	1811	1814	rBV	68642	69958	25.11%	1.518%
70	11.574	1814	1817	1820	rVB2	15463	17295	6.21%	0.375%
71	11.663	1831	1832	1843	rVB3	8628	15967	5.73%	0.347%
72	11.863	1862	1866	1868	rVV	25191	25252	9.06%	0.548%
73	11.898	1868	1872	1886	rVB4	17514	48787	17.51%	1.059%
74	12.063	1897	1900	1906	rVB3	7502	10995	3.95%	0.239%
75	12.204	1919	1924	1928	rVB3	30155	38052	13.66%	0.826%
76	12.251	1928	1932	1936	rBV	9028	10380	3.73%	0.225%
77	12.469	1962	1969	1973	rBV	298067	267694	96.08%	5.810%
78	12.504	1973	1975	1980	rVV3	16799	21693	7.79%	0.471%
79	12.574	1980	1987	1997	rVV4	17396	43328	15.55%	0.940%
80	12.774	2014	2021	2031	rVV2	29748	64986	23.32%	1.411%
81	12.933	2045	2048	2056	rVB4	8071	12104	4.34%	0.263%
82	13.216	2091	2096	2100	rBV2	11441	14433	5.18%	0.313%
83	13.251	2100	2102	2110	rVB3	7295	9704	3.48%	0.211%
84	13.345	2113	2118	2123	rBV2	27063	32921	11.82%	0.715%
85	13.421	2125	2131	2142	rVB3	15337	40599	14.57%	0.881%
86	13.539	2147	2151	2154	rVV	9296	15116	5.43%	0.328%
87	13.574	2155	2157	2160	rVV	14727	19764	7.09%	0.429%
88	13.633	2160	2167	2179	rVB3	31620	86984	31.22%	1.888%
89	13.816	2192	2198	2202	rVV	242017	266083	95.50%	5.775%
90	13.851	2202	2204	2210	rVB3	11863	12940	4.64%	0.281%
91	14.163	2250	2257	2260	rBV3	7485	14930	5.36%	0.324%

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

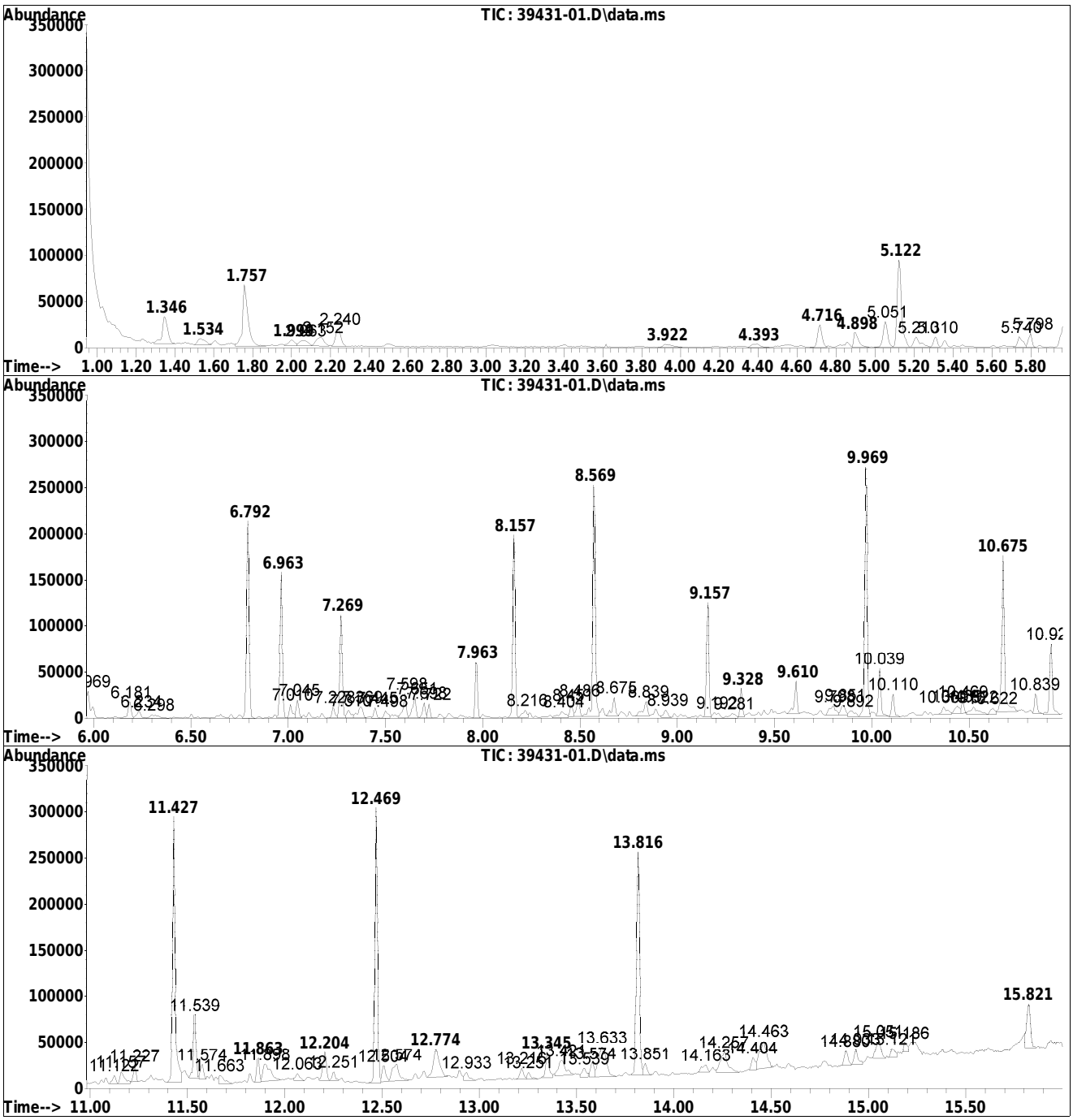
92	14.257	2266	2273	2286	rVB2	22139	55952	20.08%	1.214%
93	14.404	2295	2298	2301	rBV2	13343	19307	6.93%	0.419%
94	14.463	2301	2308	2316	rVB3	29374	71956	25.82%	1.562%
95	14.880	2376	2379	2384	rBV5	16131	22035	7.91%	0.478%
96	14.933	2384	2388	2394	rBV6	17096	23068	8.28%	0.501%
97	15.051	2403	2408	2414	rVB5	18930	34991	12.56%	0.759%
98	15.121	2417	2420	2424	rBV5	9435	16237	5.83%	0.352%
99	15.186	2429	2431	2434	rBV3	10439	13121	4.71%	0.285%
100	15.821	2536	2539	2546	rVB	48080	65330	23.45%	1.418%

Sum of corrected areas: 4607268

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



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Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

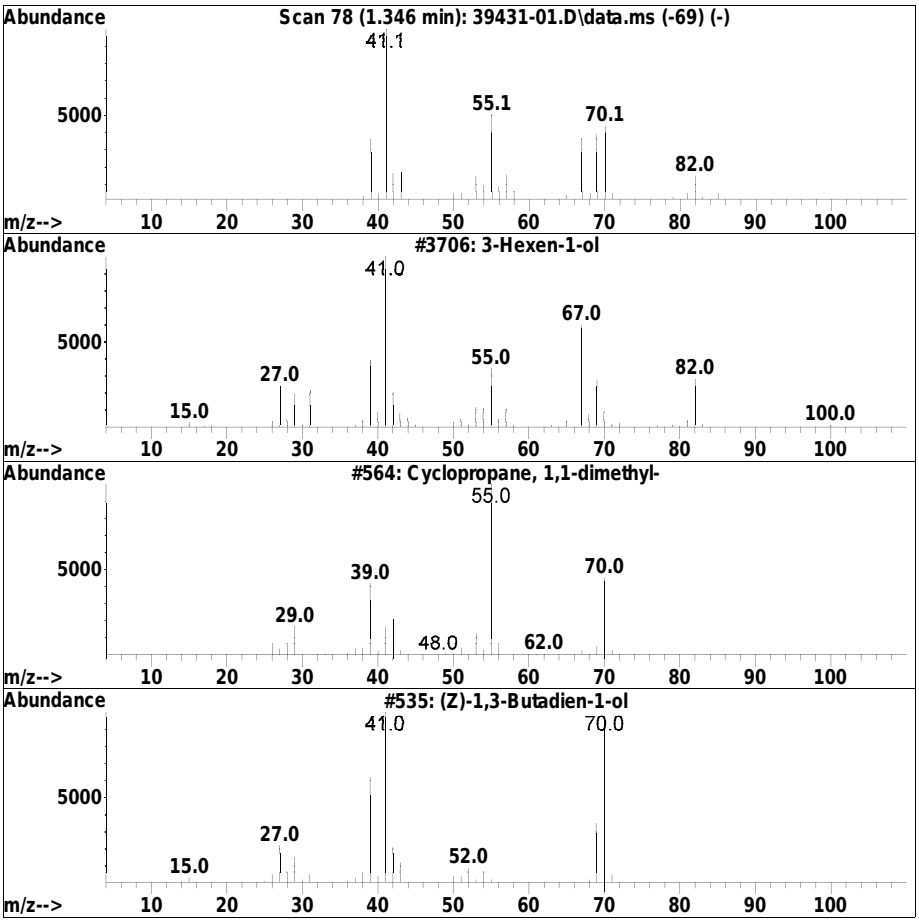
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

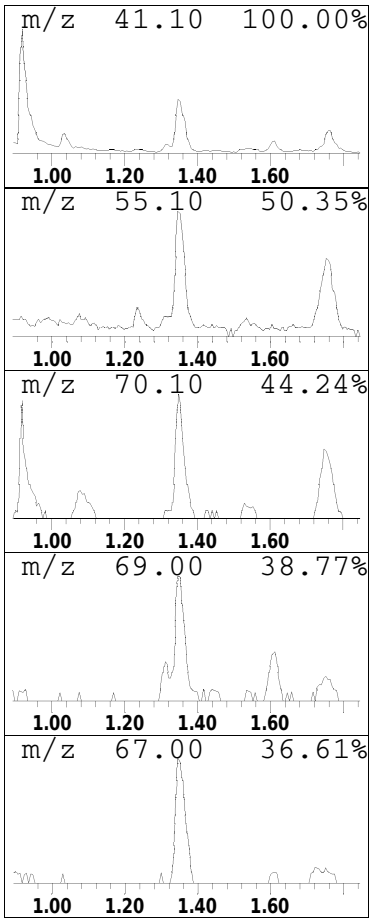
****

Peak Number 1 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.346	1.55 ug/ml	57831	IS2_1,4-Dichlorobenzene-d4	5.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol	100	C6H12O	000544-12-7	38
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	38
3	(Z)-1,3-Butadien-1-ol	70	C4H6O	070415-58-6	38
4	2-Pentene, (E)-	70	C5H10	000646-04-8	32
5	Cyclopentanemethanol	100	C6H12O	003637-61-4	32





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

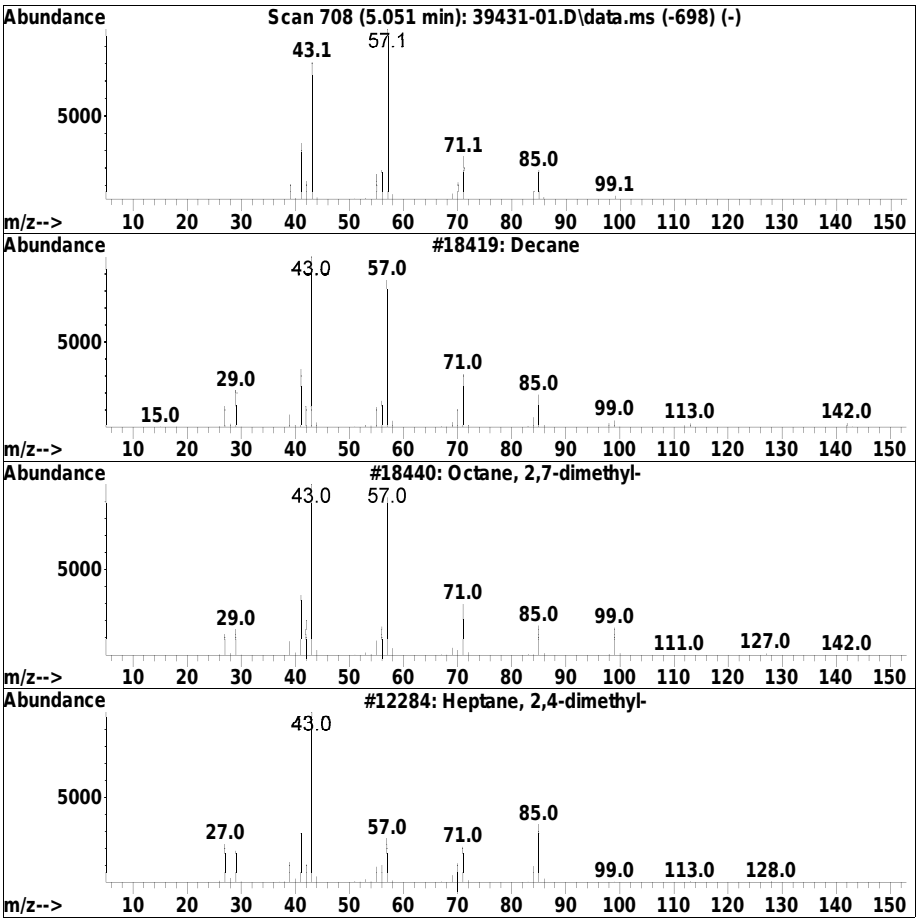
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

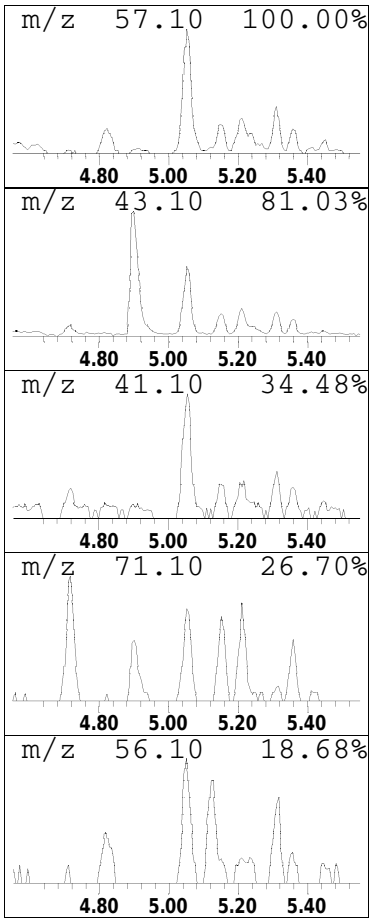
****

Peak Number 3 Unknown Alkane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.051	1.22 ug/ml	45530	IS2_1,4-Dichlorobenzene-d4	5.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	83
2	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	72
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
4	Octane	114	C8H18	000111-65-9	64
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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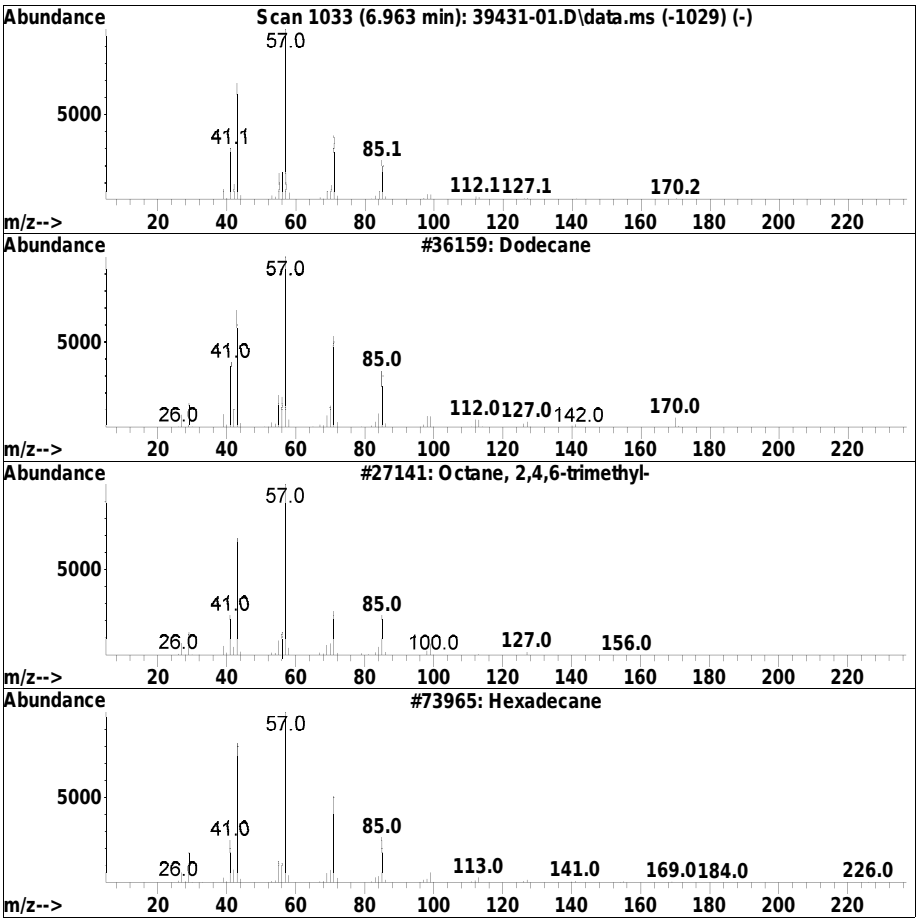
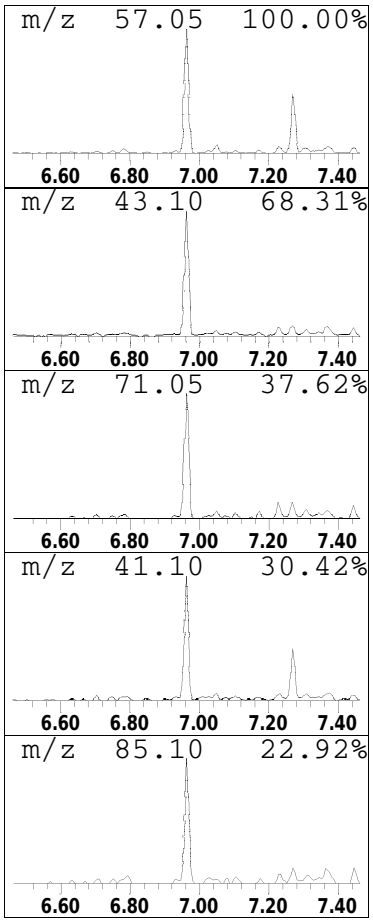
Peak Number 4 Unknown Alkane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	2.70 ug/ml	131211	IS2_Naphthalene-d8	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	78
3	Hexadecane	226	C16H34	000544-76-3	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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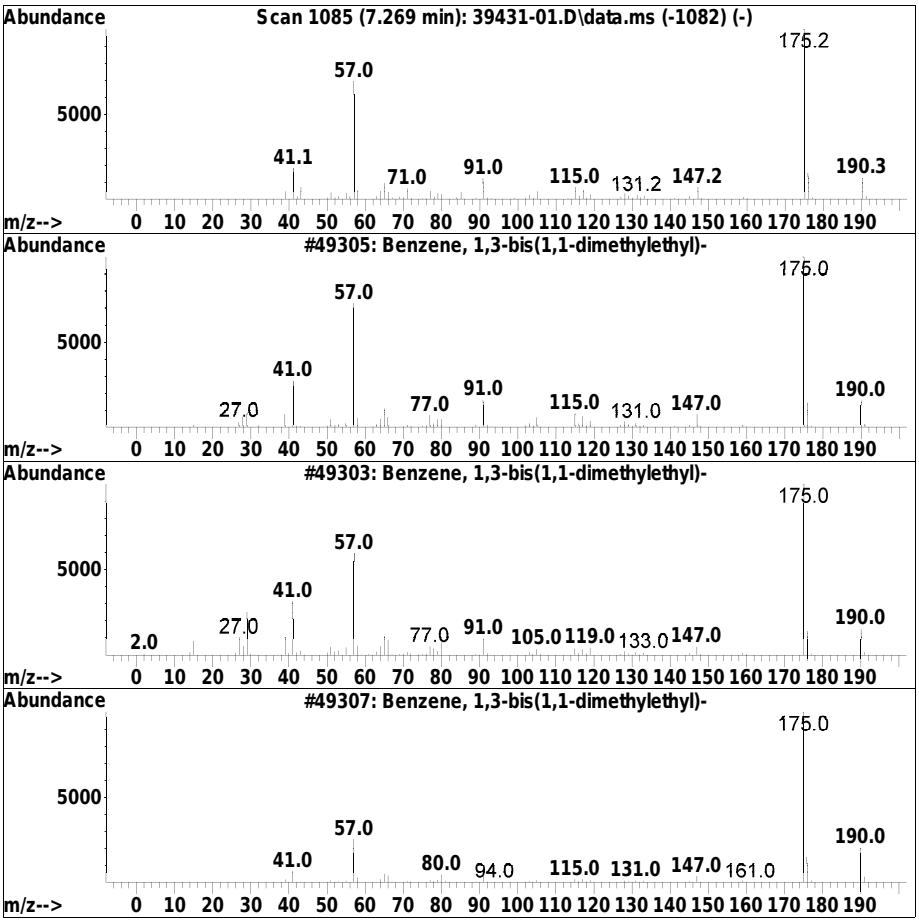
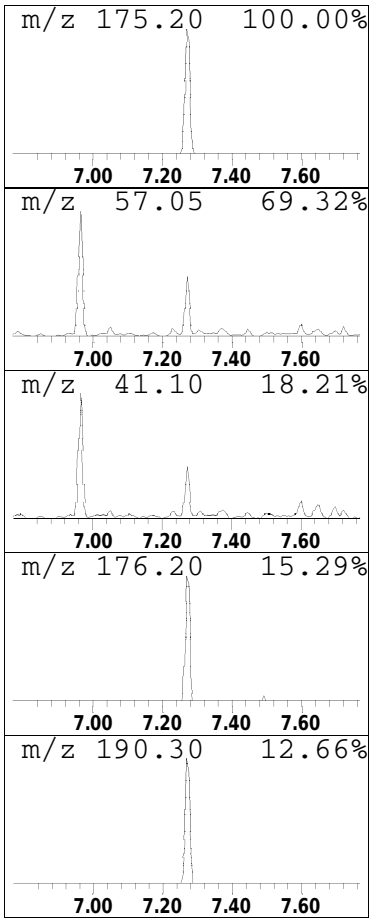
Peak Number 5 Unknown Benzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.269	2.01 ug/ml	97902	IS2_Naphthalene-d8	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	96
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	81
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	64
5	p-Pentylacetophenone	190	C13H18O	037593-02-5	59





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

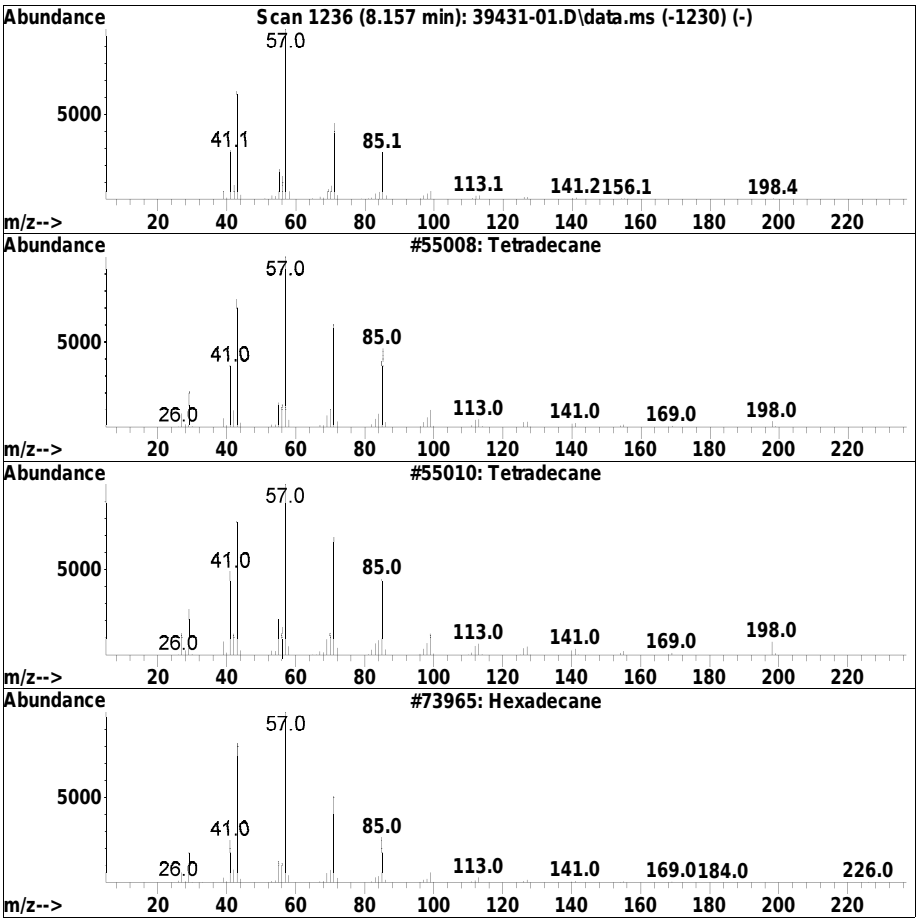
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

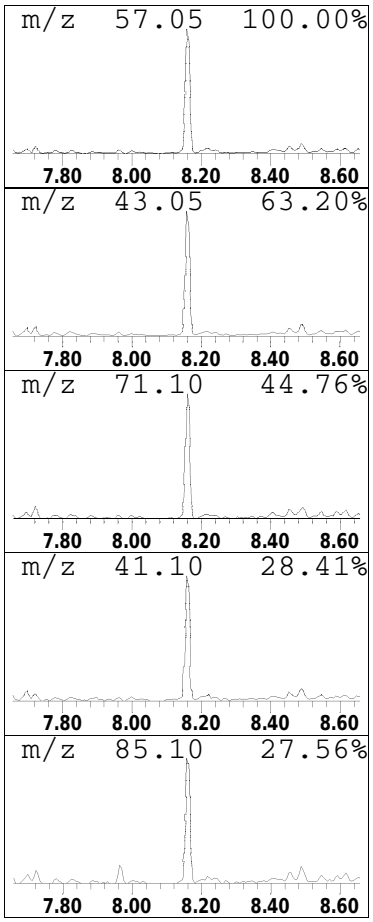
****

Peak Number 6 Unknown Alkane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.157	2.95 ug/ml	171320	IS1_Acenaphthene-d10	8.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tetradecane	198	C14H30	000629-59-4	93
3	Hexadecane	226	C16H34	000544-76-3	80
4	Pentadecane	212	C15H32	000629-62-9	78
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	74





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

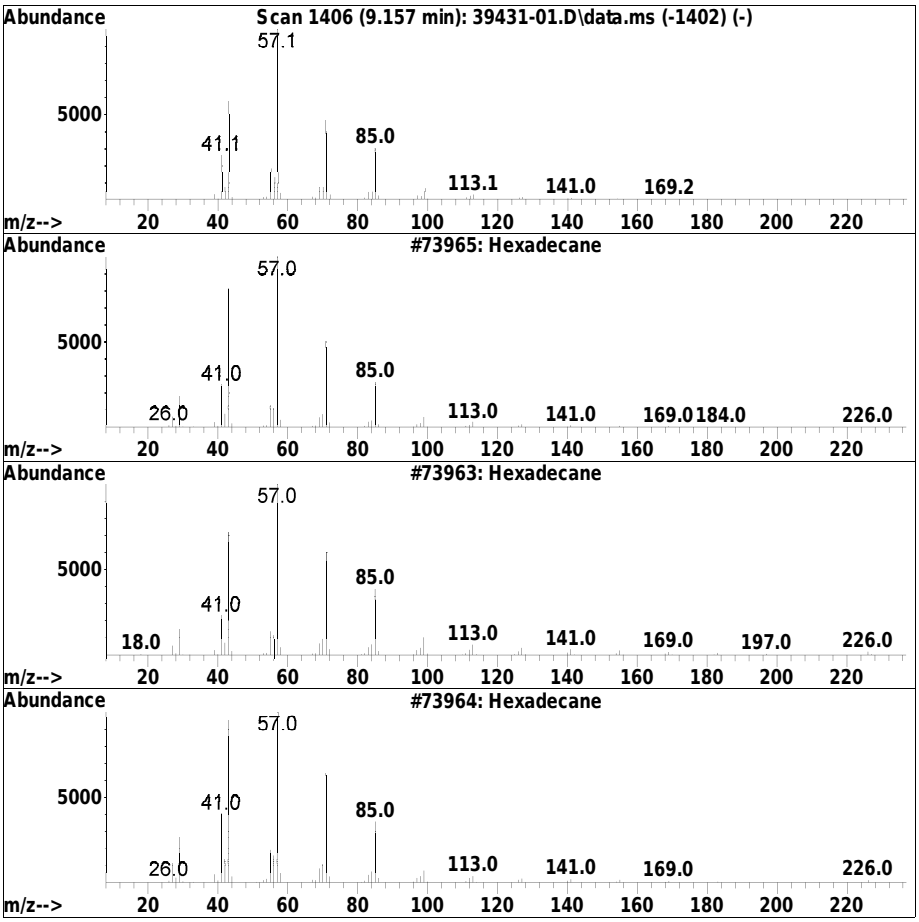
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

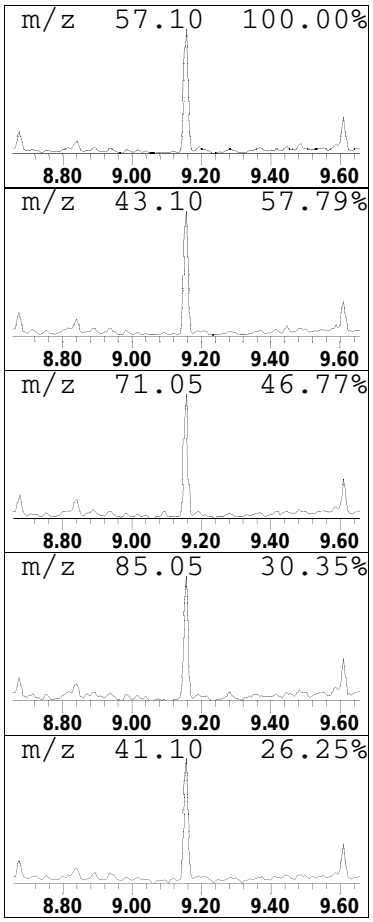
****

Peak Number 7 Unknown Alkane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	1.78 ug/ml	103396	IS3_Acenaphthene-d10	8.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Hexadecane	226	C16H34	000544-76-3	78
3	Hexadecane	226	C16H34	000544-76-3	72
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

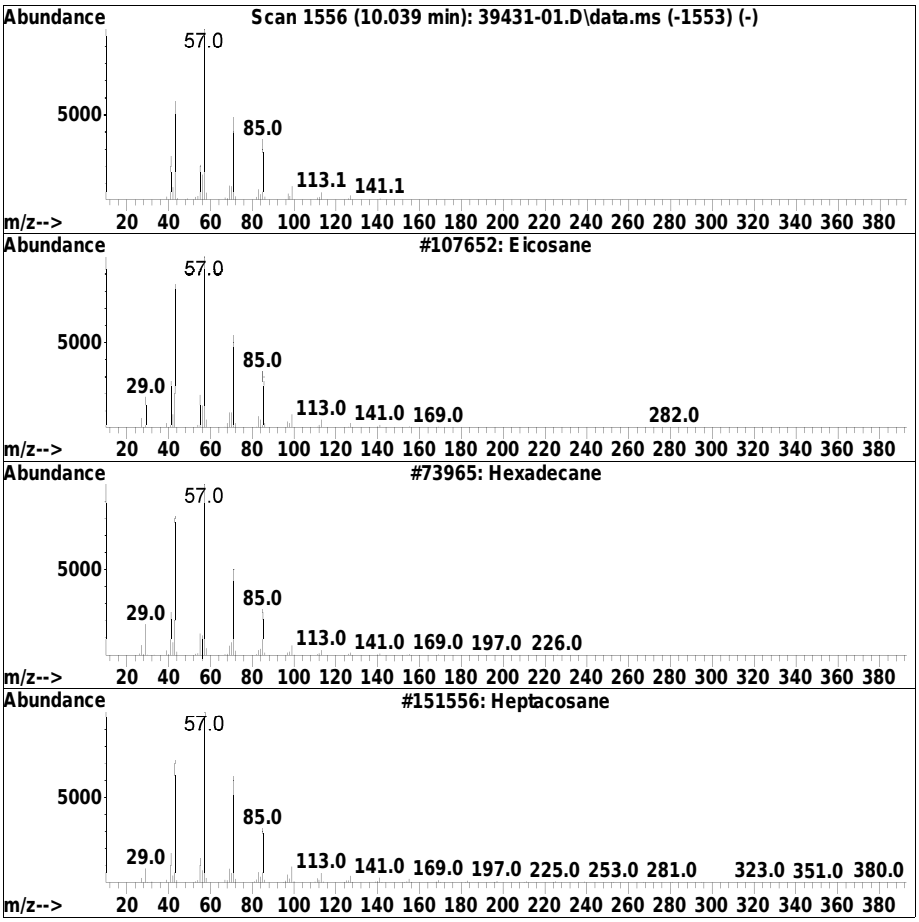
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

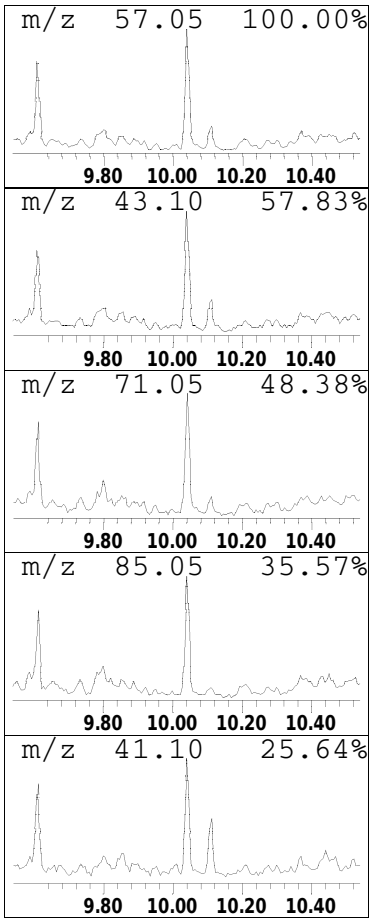
****

Peak Number 8 Unknown Alkane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.039	0.77 ug/ml	44735	IS3_Phenanthrene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heptacosane	380	C27H56	000593-49-7	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

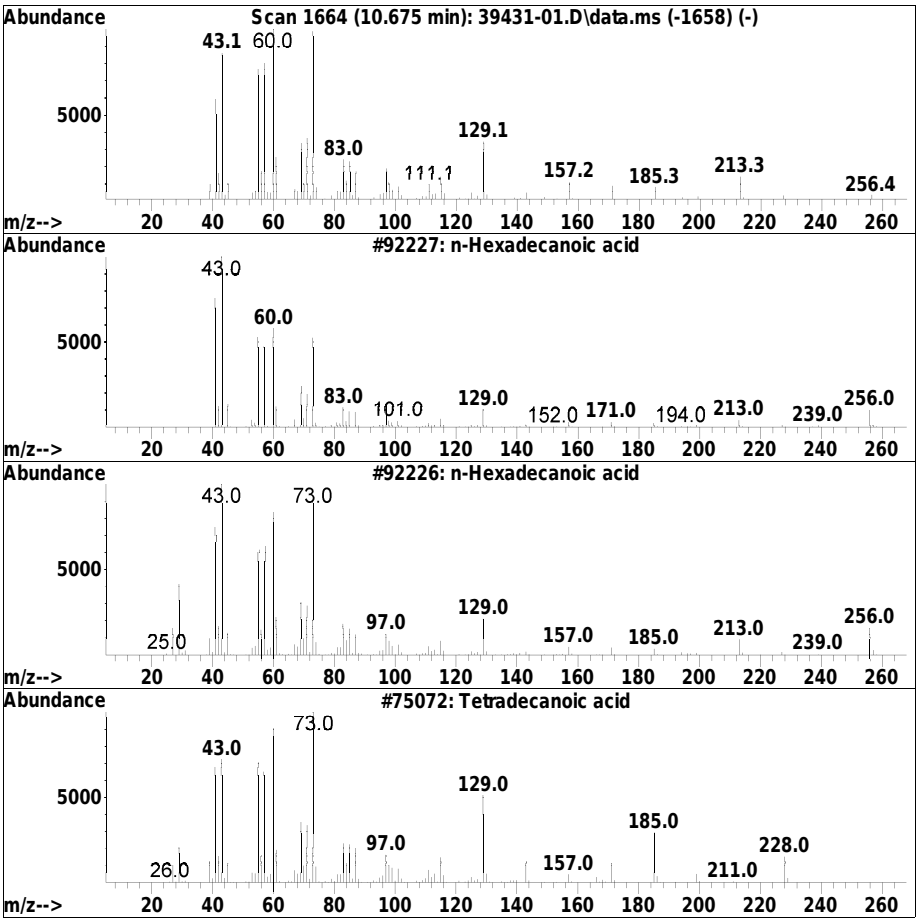
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

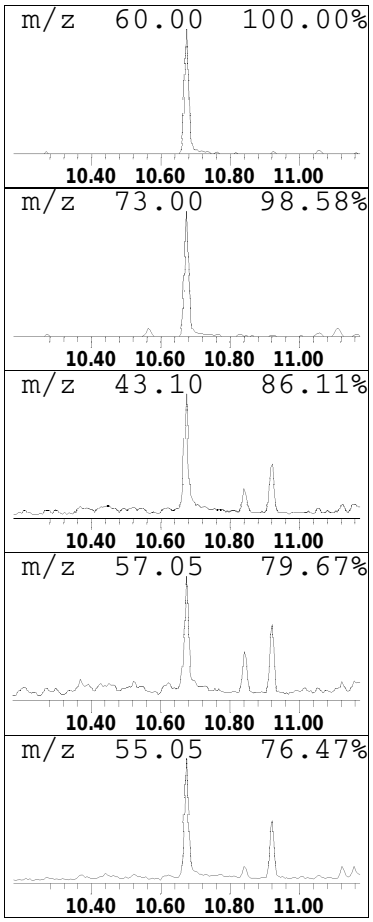
****

Peak Number 9 Unknown Organic Acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	2.82 ug/ml	163339	IS3_Phenanthrene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





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Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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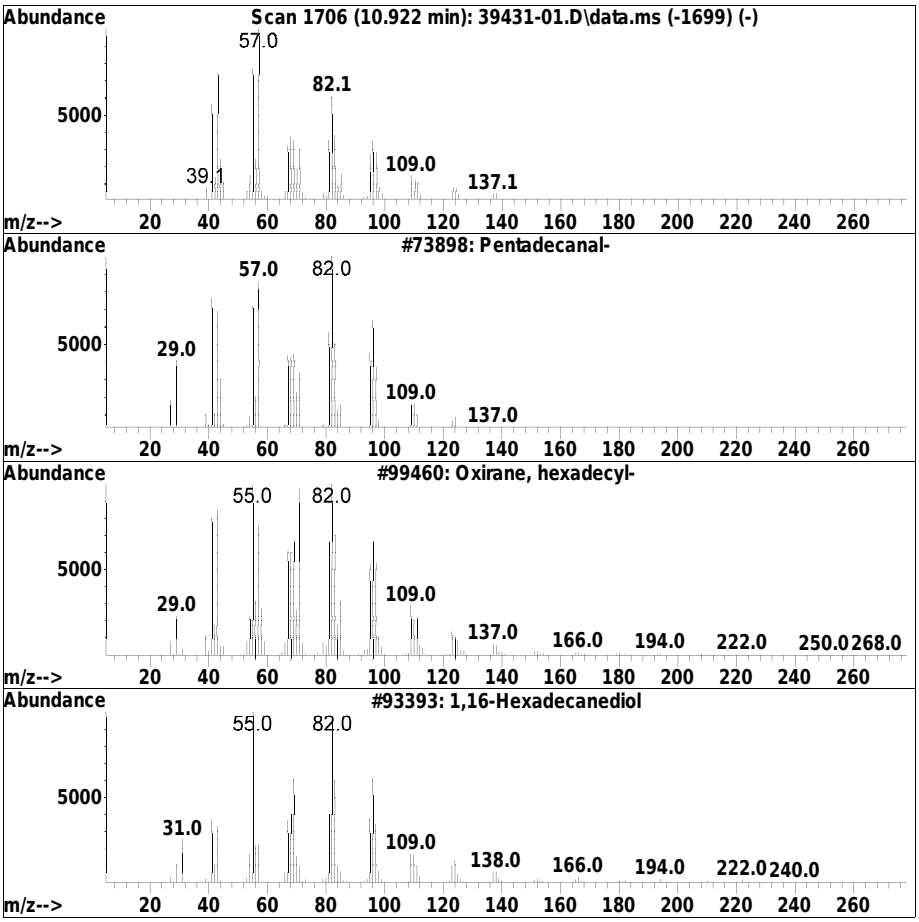
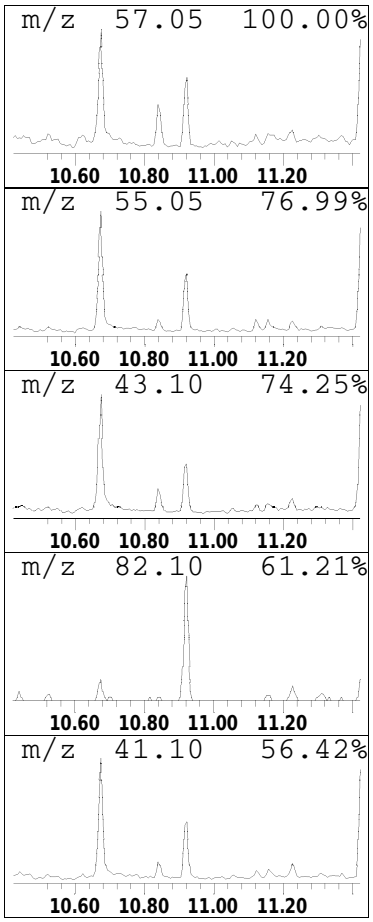
Peak Number 10 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.922	1.33 ug/ml	76986	IS3_Phenanthrene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanal-	226	C15H30O	002765-11-9	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	91
4	1,19-Eicosadiene	278	C20H38	014811-95-1	90
5	Oxirane, dodecyl-	212	C14H28O	003234-28-4	90





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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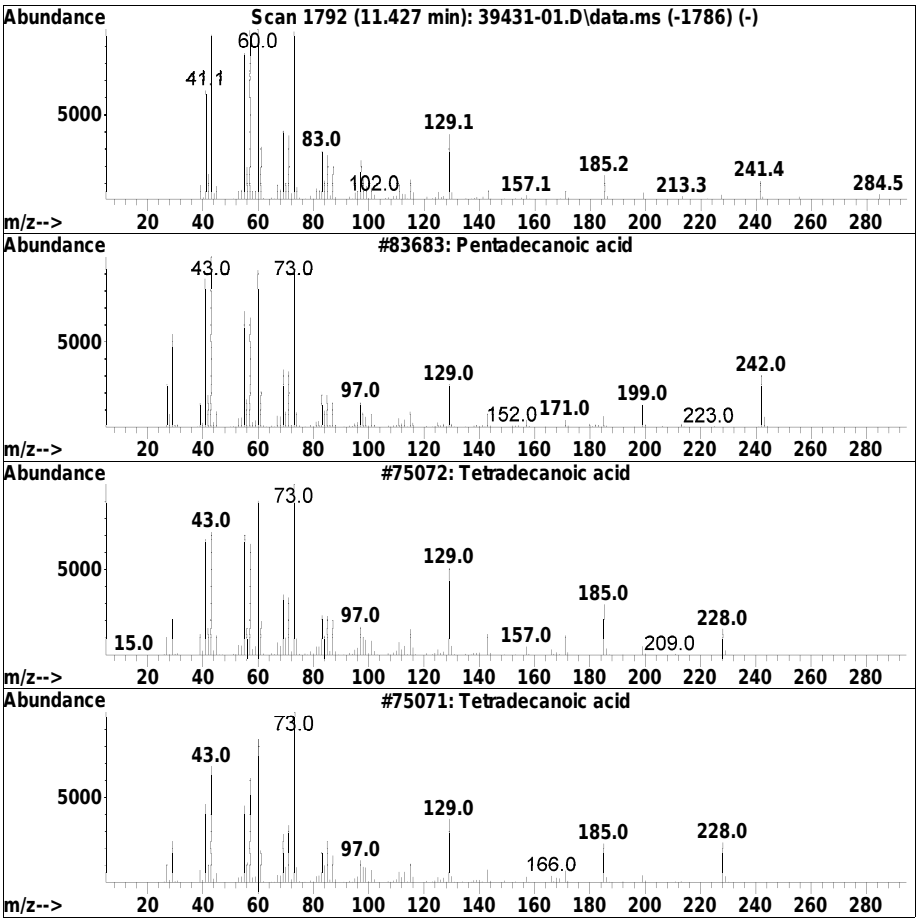
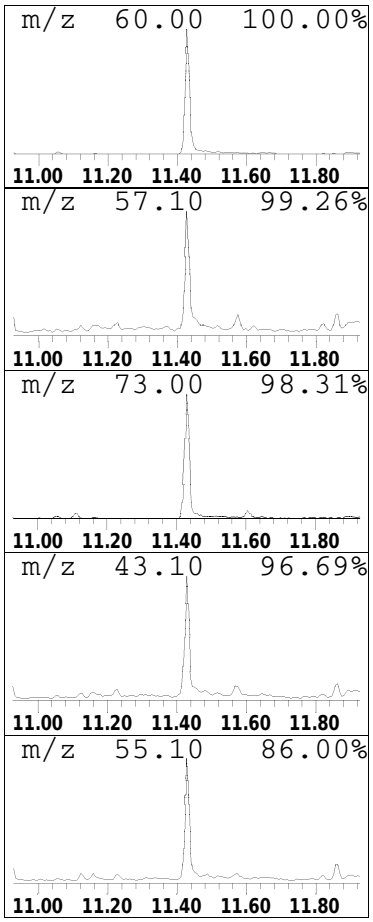
Peak Number 11 Unknown Organic Acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.427	4.16 ug/ml	278630	IS1_Chrysene-d12	12.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

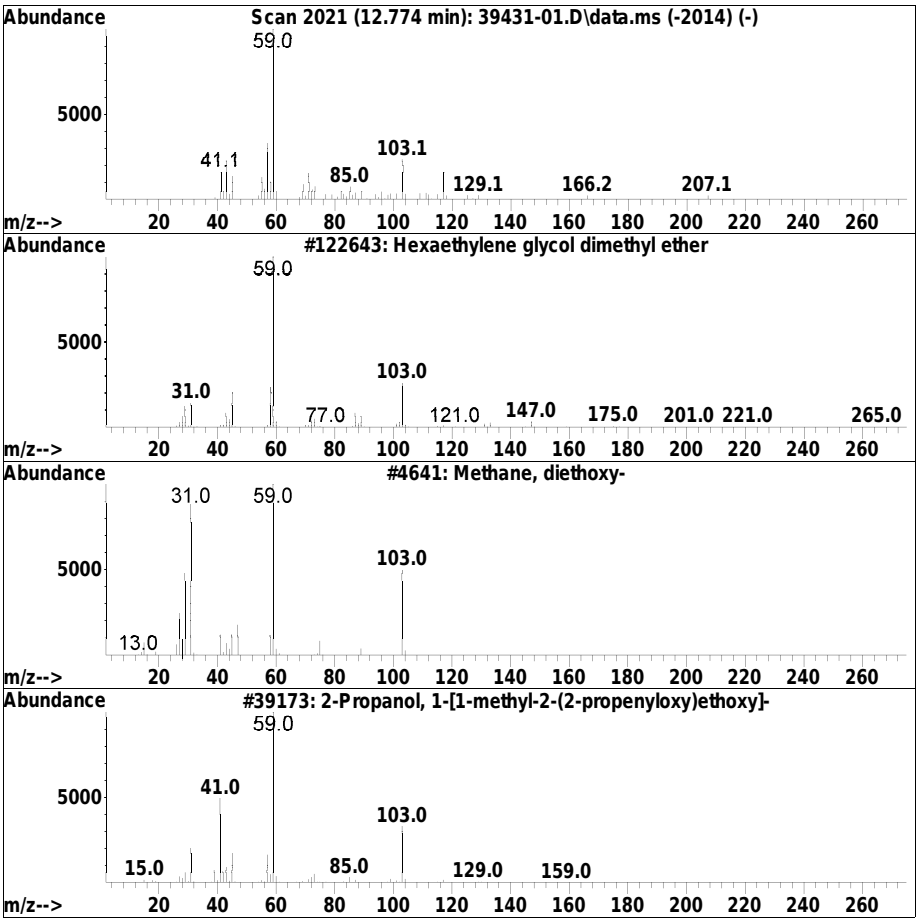
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

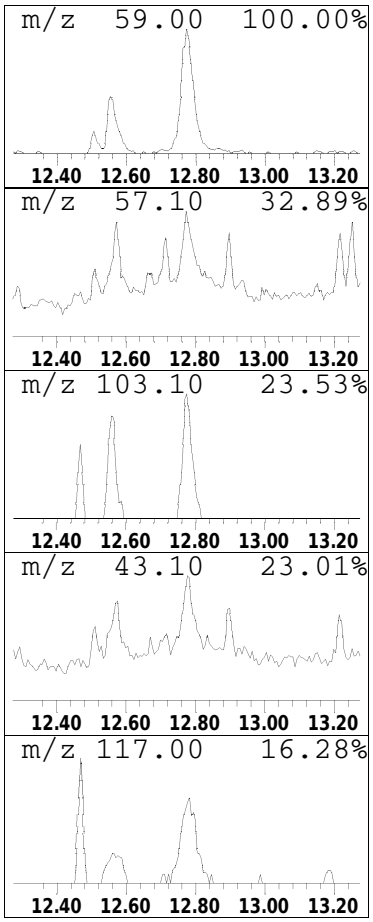
****

Peak Number 12 Unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.774	0.97 ug/ml	64986	IS1_Chrysene-d12	12.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	59
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	53
3	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	50
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	50
5	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	45





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

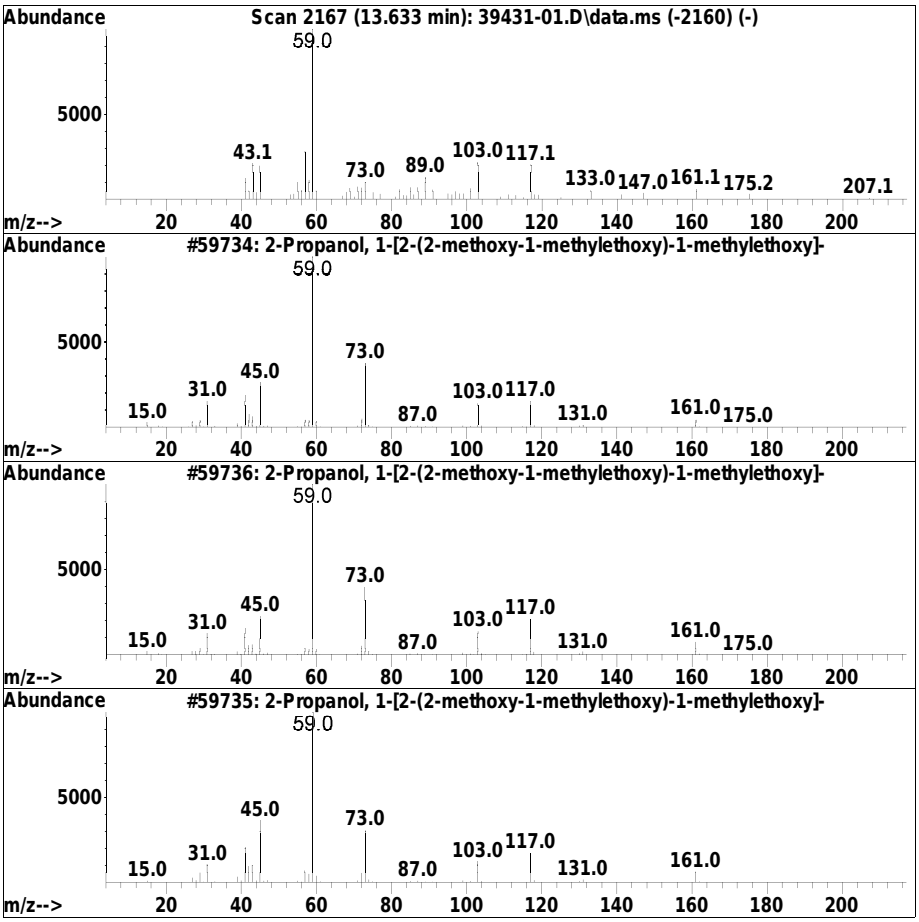
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

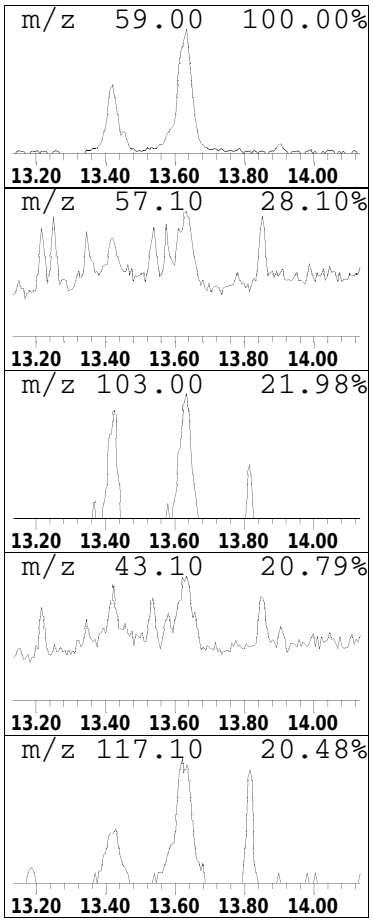
****

Peak Number 13 Unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.633	1.31 ug/ml	86984	IS1_Perylene-d12	13.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	64
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	59
3	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	50
4	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	42
5	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	42





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

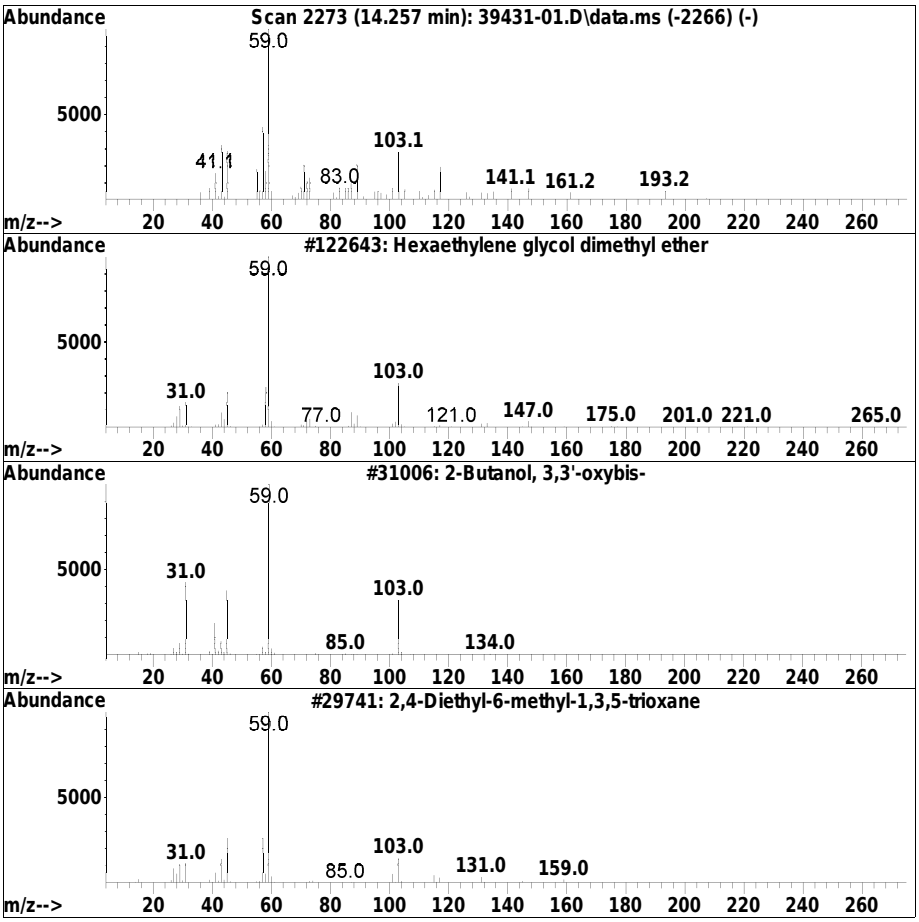
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

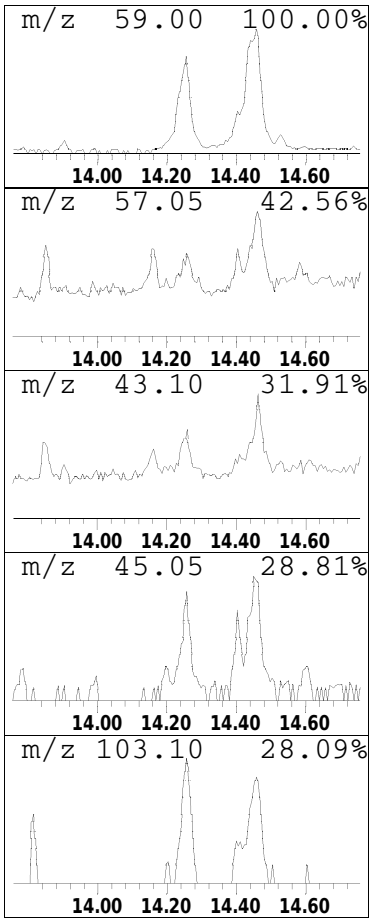
****

Peak Number 14 Unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	0.84 ug/ml	55952	IS1_Perylene-d12	13.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	40
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	37
3	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	32
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	28
5	2-[5-(1-Hydroxy-1-methylethyl)-2...	218	C11H22O4	1000190-33-6	28





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

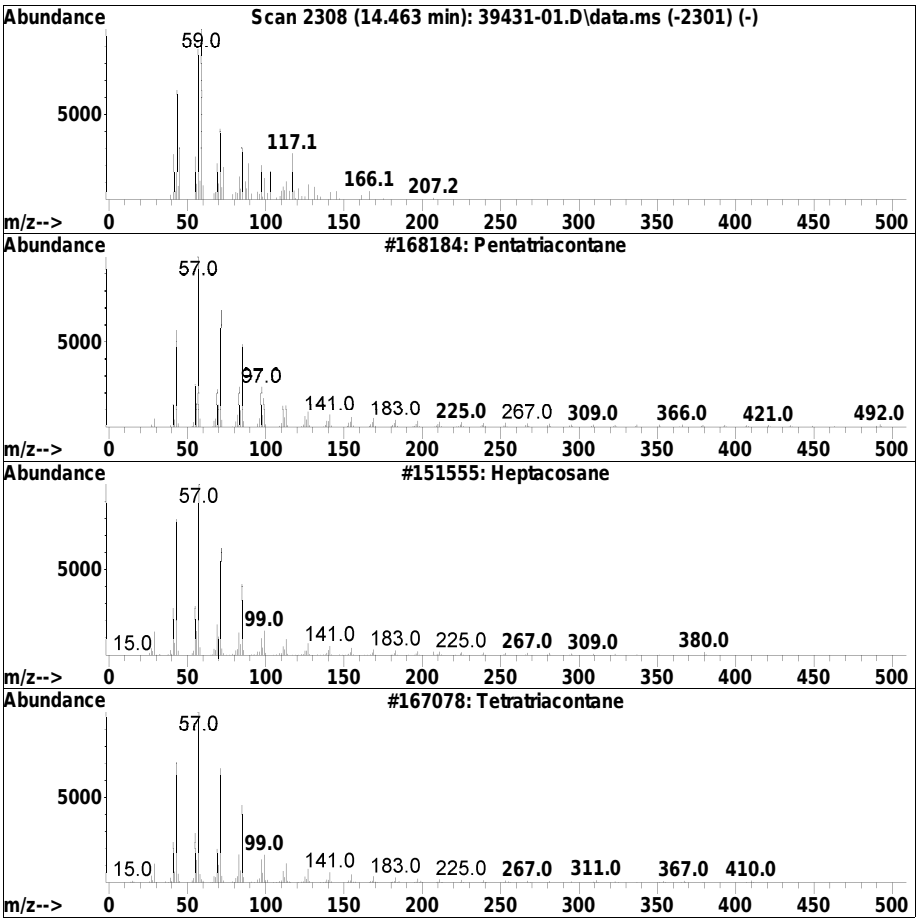
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

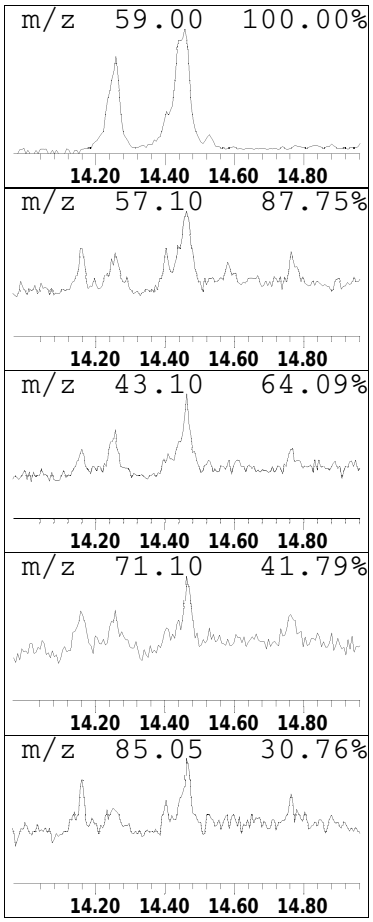
****

Peak Number 15 Unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	1.08 ug/ml	71956	IS1_Perylene-d12	13.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentatriacontane	493	C35H72	000630-07-9	27
2	Heptacosane	380	C27H56	000593-49-7	25
3	Tetratriacontane	479	C34H70	014167-59-0	25
4	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	25
5	Octacosane	394	C28H58	000630-02-4	25





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

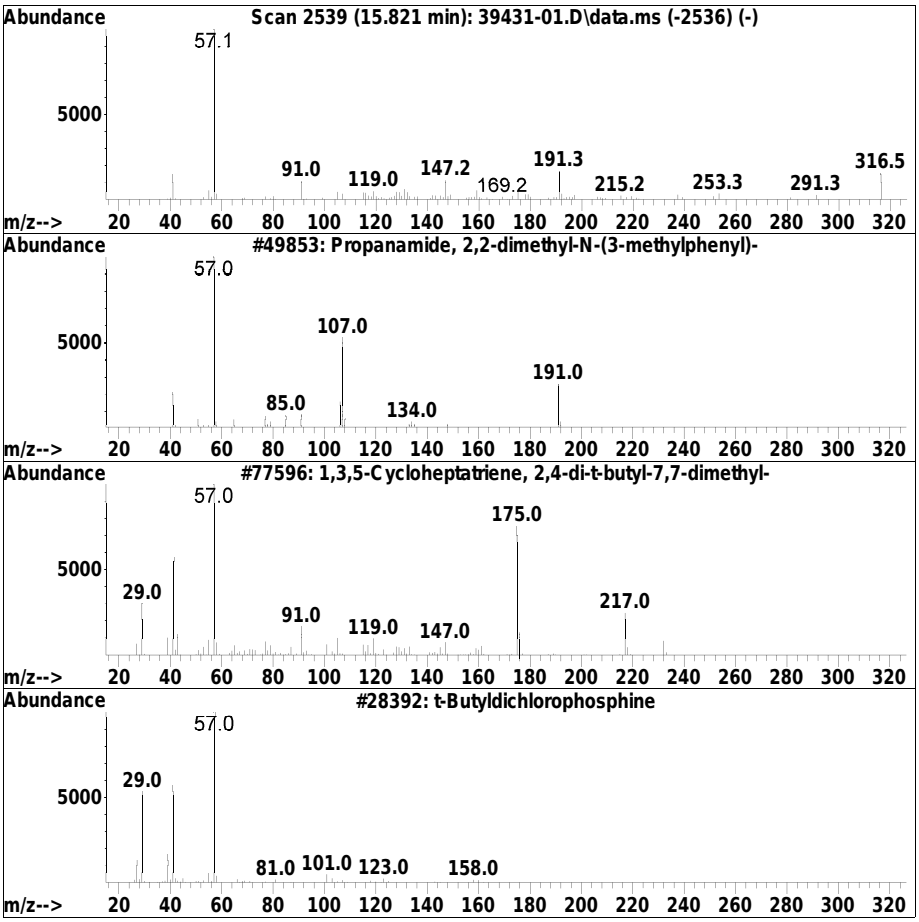
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

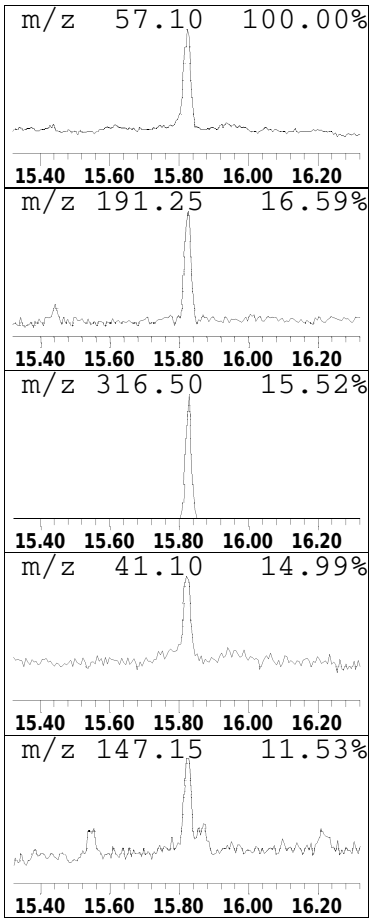
****

Peak Number 16 Unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.821	0.98 ug/ml	65330	IS1_Perylene-d12	13.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanamide, 2,2-dimethyl-N-(3-m...	191	C12H17NO	032597-29-8	14
2	1,3,5-Cycloheptatriene, 2,4-di-t...	232	C17H28	1000160-92-5	13
3	t-Butyldichlorophosphine	158	C4H9Cl2P	025979-07-1	9
4	Carbamothioic acid, bis(2-methyl...	217	C11H23NOS	002008-41-5	9
5	Propane, 1-bromo-2-methyl-	136	C4H9Br	000078-77-3	9





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-01.D
Acq On : 24 Sep 2020 1:25 pm
Operator : SV107:wr
Sample : L2039431-01,32,,DW
Misc : WG1414034,WG1413157,ICAL17065
ALS Vial : 7 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.346	1.5	ug/ml	57831	1	5.122	149378	4.0
Unknown Alkane	5.051	1.2	ug/ml	45530	1	5.122	149378	4.0
Unknown Alkane	6.963	2.7	ug/ml	131211	5	6.792	194497	4.0
Unknown Benzene	7.269	2.0	ug/ml	97902	5	6.792	194497	4.0
Unknown Alkane	8.157	3.0	ug/ml	171320	6	8.569	232118	4.0
Unknown Alkane	9.157	1.8	ug/ml	103396	8	8.569	232118	4.0
Unknown Alkane	10.039	0.8	ug/ml	44735	11	9.969	232095	4.0
Unknown Organic...	10.675	2.8	ug/ml	163339	11	9.969	232095	4.0
Unknown	10.922	1.3	ug/ml	76986	11	9.969	232095	4.0
Unknown Organic...	11.427	4.2	ug/ml	278630	12	12.469	267694	4.0
Unknown	12.774	1.0	ug/ml	64986	12	12.469	267694	4.0
Unknown	13.633	1.3	ug/ml	86984	13	13.816	266083	4.0
Unknown	14.257	0.8	ug/ml	55952	13	13.816	266083	4.0
Unknown	14.463	1.1	ug/ml	71956	13	13.816	266083	4.0
Unknown	15.821	1.0	ug/ml	65330	13	13.816	266083	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 25 08:52:33 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 14:11:30 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	5.122	150	38312	4.000 ug/ml	0.00
Standard Area 1 = 38438			Recovery =	99.67%	
27) IS2_1,4-Dichlorobenzen...	5.122	150	38312	4.000 ug/ml	0.00
Standard Area 3 = 36940			Recovery =	103.71%	
34) IS1_Naphthalene-d8	6.792	136	97001	4.000 ug/ml	0.00
Standard Area 1 = 94578			Recovery =	102.56%	
54) IS2_Naphthalene-d8	6.792	136	97001	4.000 ug/ml	0.00
Standard Area 3 = 93354			Recovery =	103.91%	
62) IS1_Acenaphthene-d10	8.569	164	49817	4.000 ug/ml	0.00
Standard Area 1 = 46874			Recovery =	106.28%	
85) IS3_Acenaphthene-d10	8.569	164	49817	4.000 ug/ml	0.00
Standard Area 2 = 45992			Recovery =	108.32%	
87) IS1_Phenanthrene-d10	9.969	188	93480	4.000 ug/ml	# 0.00
Standard Area 1 = 95146			Recovery =	98.25%	
103) IS1_Chrysene-d12	12.468	240	81931	4.000 ug/ml	# 0.00
Standard Area 1 = 83481			Recovery =	98.14%	
112) IS1_Perylene-d12	13.810	264	74717	4.000 ug/ml	0.00
Standard Area 1 = 76625			Recovery =	97.51%	
System Monitoring Compounds					
4) 2-Fluorophenol	2.246	112	23030	3.477 ug/ml	0.02
Spiked Amount 5.000	Range 15 - 110		Recovery. =	69.54%	
7) Phenol-d6	4.716	99	24807	2.969 ug/ml	0.01
Spiked Amount 5.000	Range 15 - 110		Recovery. =	59.38%	
19) Nitrobenzene-d5	5.969	82	14223	1.888 ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. =	75.52%	
45) 2-Fluorobiphenyl	7.969	172	26808	1.579 ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. =	63.16%	
78) 2,4,6-Tribromophenol	9.327	330	5433	2.852 ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery. =	57.04%	
95) 4-Terphenyl-d14	11.539	244	30975	1.643 ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. =	65.72%	
Target Compounds					Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 25 08:52:33 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 14:11:30 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.	d	
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.		
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 25 08:52:33 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 14:11:30 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
106) Chrysene	0.000		0	N.D.		
107) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108) Di-n-octylphthalate	0.000		0	N.D.	d	
115) Benzo(ghi)perylene	0.000		0	N.D.		

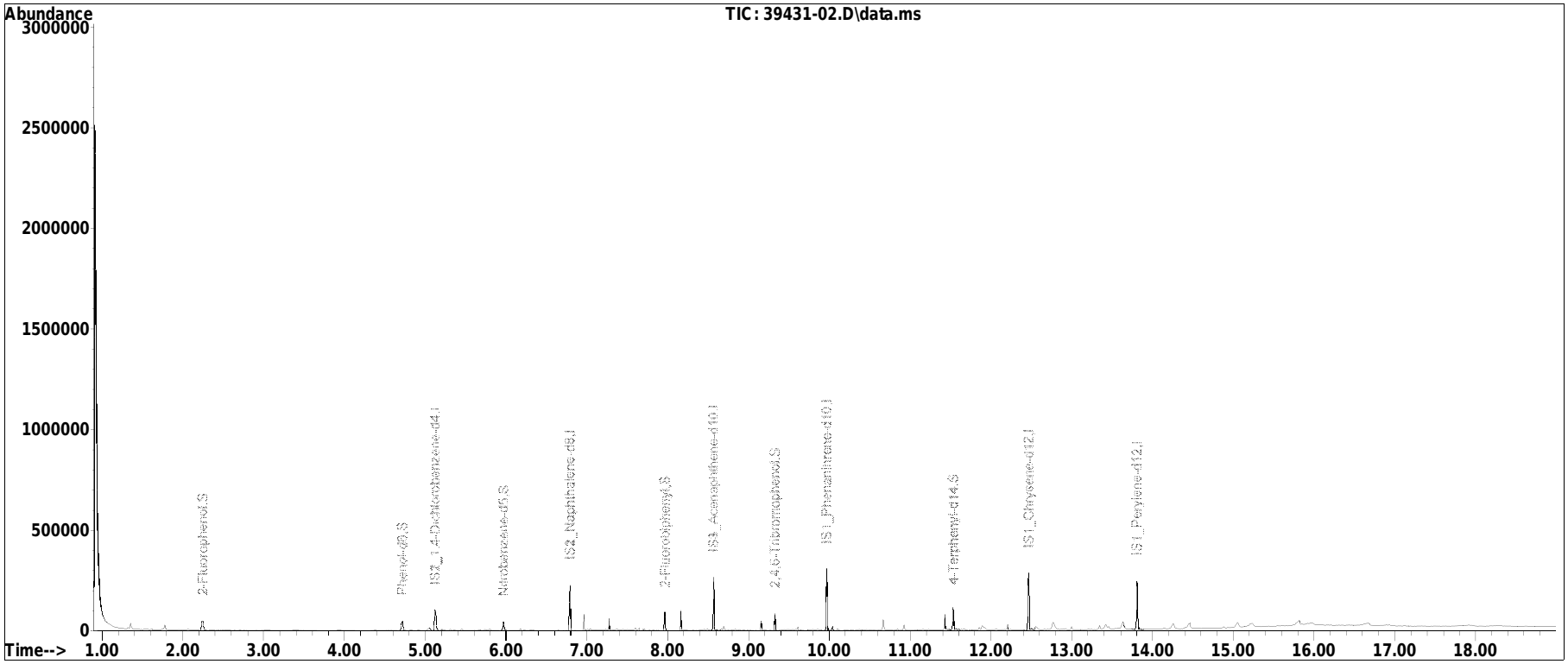
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 25 08:52:33 2020
Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 14:11:30 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional924.D•



Manual Integration/Negative Proof Report

Data Path	: I:\8270\SV107\200924lvi\	QMethod	: FS200712SV107.m
Data File	: 39431-02.D	Operator	: SV107:wr
Date Inj'd	: 9/24/2020 1:51 pm	Instrument	: SV 107
Sample	: L2039431-02,32,,DW	Quant Date	: 9/24/2020 2:11 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 39431-02.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.316	69	73	76	rBV3	6247	9427	3.56%	0.267%
2	1.351	76	79	88	rVB	28333	46215	17.47%	1.311%
3	1.528	105	109	119	rVV6	4424	12847	4.86%	0.364%
4	1.610	119	123	130	rVV2	5440	8395	3.17%	0.238%
5	1.681	130	135	141	rVV5	3481	8934	3.38%	0.253%
6	1.769	141	150	166	rVB	24924	56781	21.46%	1.610%
7	1.957	174	182	186	rBV5	2368	5604	2.12%	0.159%
8	2.063	194	200	207	rVB6	4294	11830	4.47%	0.336%
9	2.246	225	231	243	rVB	46541	82553	31.20%	2.341%
10	3.922	513	516	534	rBV4	2624	8032	3.04%	0.228%
11	4.716	644	651	662	rBV	47281	73833	27.90%	2.094%
12	4.822	664	669	678	rVB4	3450	7541	2.85%	0.214%
13	4.910	678	684	696	rBV	3619	8314	3.14%	0.236%
14	5.051	696	708	715	rBV2	15517	31364	11.85%	0.890%
15	5.122	715	720	730	rVV	102441	156376	59.10%	4.435%
16	5.204	730	734	748	rVB4	5097	11539	4.36%	0.327%
17	5.310	748	752	756	rVB3	5437	7540	2.85%	0.214%
18	5.357	756	760	765	rBV2	3540	4740	1.79%	0.134%
19	5.445	771	775	781	rBV	7864	9076	3.43%	0.257%
20	5.651	806	810	817	rBV2	4564	7412	2.80%	0.210%
21	5.739	820	825	831	rVV3	5303	10111	3.82%	0.287%
22	5.798	831	835	840	rVV2	6855	9421	3.56%	0.267%
23	5.969	854	864	875	rVB	42130	54612	20.64%	1.549%
24	6.181	891	900	904	rBV	9057	10586	4.00%	0.300%
25	6.234	904	909	913	rVV	3827	5113	1.93%	0.145%
26	6.651	972	980	985	rVB3	3412	5084	1.92%	0.144%
27	6.792	998	1004	1010	rVV	228316	203789	77.02%	5.780%
28	6.963	1029	1033	1038	rVV	81706	68442	25.87%	1.941%

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.010	1038	1041	1045	rVV2	5257	6641	2.51%	0.188%
30	7.045	1045	1047	1051	rVV2	8244	7957	3.01%	0.226%
31	7.228	1072	1078	1082	rVV2	5354	5634	2.13%	0.160%
32	7.269	1082	1085	1089	rVV	55414	47379	17.91%	1.344%
33	7.310	1089	1092	1096	rVV3	4269	6167	2.33%	0.175%
34	7.369	1097	1102	1108	rVB3	5259	9839	3.72%	0.279%
35	7.445	1111	1115	1119	rVB2	5104	4618	1.75%	0.131%
36	7.498	1119	1124	1128	rBV3	3386	4703	1.78%	0.133%
37	7.598	1134	1141	1144	rVV2	10828	12181	4.60%	0.345%
38	7.651	1144	1150	1154	rVB3	9535	13206	4.99%	0.375%
39	7.698	1154	1158	1160	rBV	7547	6945	2.62%	0.197%
40	7.722	1160	1162	1166	rVB	7064	5361	2.03%	0.152%
41	7.963	1200	1203	1207	rBV	92767	80025	30.24%	2.270%
42	8.157	1230	1236	1240	rBV	99875	81398	30.76%	2.309%
43	8.198	1240	1243	1245	rBV2	4503	4710	1.78%	0.134%
44	8.404	1275	1278	1284	rVV4	2608	5221	1.97%	0.148%
45	8.451	1284	1286	1289	rVV	6162	6381	2.41%	0.181%
46	8.486	1289	1292	1296	rVV	7545	9272	3.50%	0.263%
47	8.569	1299	1306	1312	rVV	263927	234563	88.65%	6.653%
48	8.675	1317	1324	1326	rBV	8854	11128	4.21%	0.316%
49	8.698	1326	1328	1335	rVB	19617	18939	7.16%	0.537%
50	8.839	1349	1352	1355	rVB	7105	7116	2.69%	0.202%
51	8.886	1355	1360	1364	rBV2	4111	4767	1.80%	0.135%
52	8.939	1366	1369	1373	rVB3	3511	4597	1.74%	0.130%
53	9.157	1401	1406	1409	rBV	46627	41674	15.75%	1.182%
54	9.292	1419	1429	1432	rBV4	2559	5882	2.22%	0.167%
55	9.327	1432	1435	1439	rBV	86128	65616	24.80%	1.861%
56	9.610	1475	1483	1487	rBV	13826	14887	5.63%	0.422%
57	9.798	1509	1515	1520	rVV5	3960	9661	3.65%	0.274%
58	9.851	1520	1524	1528	rVV4	4699	6887	2.60%	0.195%
59	9.969	1538	1544	1548	rBV	305552	248405	93.88%	7.045%
60	10.039	1553	1556	1563	rVB	19442	17827	6.74%	0.506%

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	10.110	1563	1568	1575	rVB	9132	10454	3.95%	0.297%
62	10.204	1575	1584	1588	rBV3	1921	5055	1.91%	0.143%
63	10.274	1592	1596	1603	rBV	4291	6476	2.45%	0.184%
64	10.369	1603	1612	1619	rBV3	5960	11176	4.22%	0.317%
65	10.439	1619	1624	1626	rVV5	2821	6173	2.33%	0.175%
66	10.469	1627	1629	1632	rVV2	4243	4414	1.67%	0.125%
67	10.563	1641	1645	1650	rVV3	2588	4590	1.73%	0.130%
68	10.669	1657	1663	1676	rVV2	52801	62493	23.62%	1.772%
69	10.839	1690	1692	1698	rVV	7263	7617	2.88%	0.216%
70	10.921	1702	1706	1715	rVB2	27037	29284	11.07%	0.831%
71	11.110	1735	1738	1743	rVB2	3147	5167	1.95%	0.147%
72	11.157	1743	1746	1751	rBV4	5999	7893	2.98%	0.224%
73	11.427	1785	1792	1805	rBV	78035	89736	33.91%	2.545%
74	11.533	1805	1810	1814	rVV	110338	108913	41.16%	3.089%
75	11.568	1814	1816	1819	rVV2	9471	11028	4.17%	0.313%
76	11.604	1820	1822	1827	rVV2	5560	8765	3.31%	0.249%
77	11.674	1831	1834	1842	rVB2	7172	10548	3.99%	0.299%
78	11.857	1861	1865	1868	rVV	12389	12578	4.75%	0.357%
79	11.898	1868	1872	1888	rVB3	19648	48507	18.33%	1.376%
80	12.063	1897	1900	1905	rVB2	5971	7625	2.88%	0.216%
81	12.204	1919	1924	1929	rVV2	26412	28197	10.66%	0.800%
82	12.245	1929	1931	1941	rVB3	3830	5279	2.00%	0.150%
83	12.468	1963	1969	1973	rBV	283118	264603	100.00%	7.505%
84	12.504	1973	1975	1980	rVV5	9057	13022	4.92%	0.369%
85	12.557	1980	1984	1998	rVB3	15414	37954	14.34%	1.076%
86	12.668	1998	2003	2006	rBV3	3822	5086	1.92%	0.144%
87	12.774	2012	2021	2035	rVV	35834	90538	34.22%	2.568%
88	12.927	2044	2047	2054	rVB	6212	8493	3.21%	0.241%
89	12.998	2054	2059	2063	rBV	15326	16668	6.30%	0.473%
90	13.345	2112	2118	2122	rBV	19196	22123	8.36%	0.627%
91	13.421	2122	2131	2134	rBV	23327	46460	17.56%	1.318%

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

92	13.627	2160	2166	2178	rVB2	34294	91074	34.42%	2.583%
93	13.745	2184	2186	2192	rVB3	4473	4878	1.84%	0.138%
94	13.810	2193	2197	2208	rBV	241904	260275	98.36%	7.382%
95	14.139	2249	2253	2260	rVB4	4626	9710	3.67%	0.275%
96	14.251	2261	2272	2286	rVV	26571	68757	25.98%	1.950%
97	14.457	2294	2307	2314	rBV3	26701	77214	29.18%	2.190%
98	14.880	2375	2379	2384	rVB7	6454	9034	3.41%	0.256%
99	15.051	2401	2408	2416	rVB3	22867	50444	19.06%	1.431%
100	15.215	2433	2436	2438	rBV3	8946	12346	4.67%	0.350%

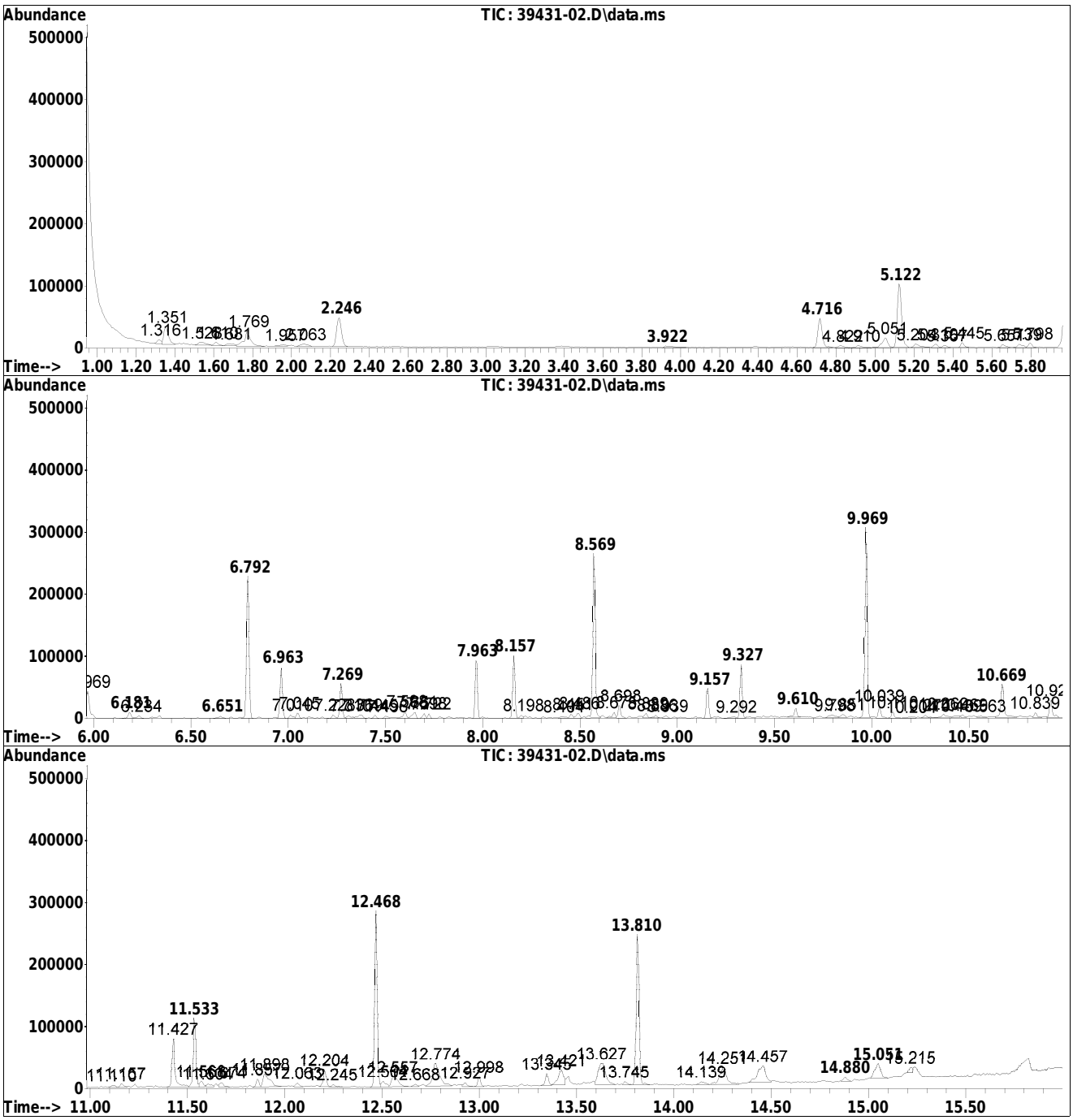
Sum of corrected areas: 3525745

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

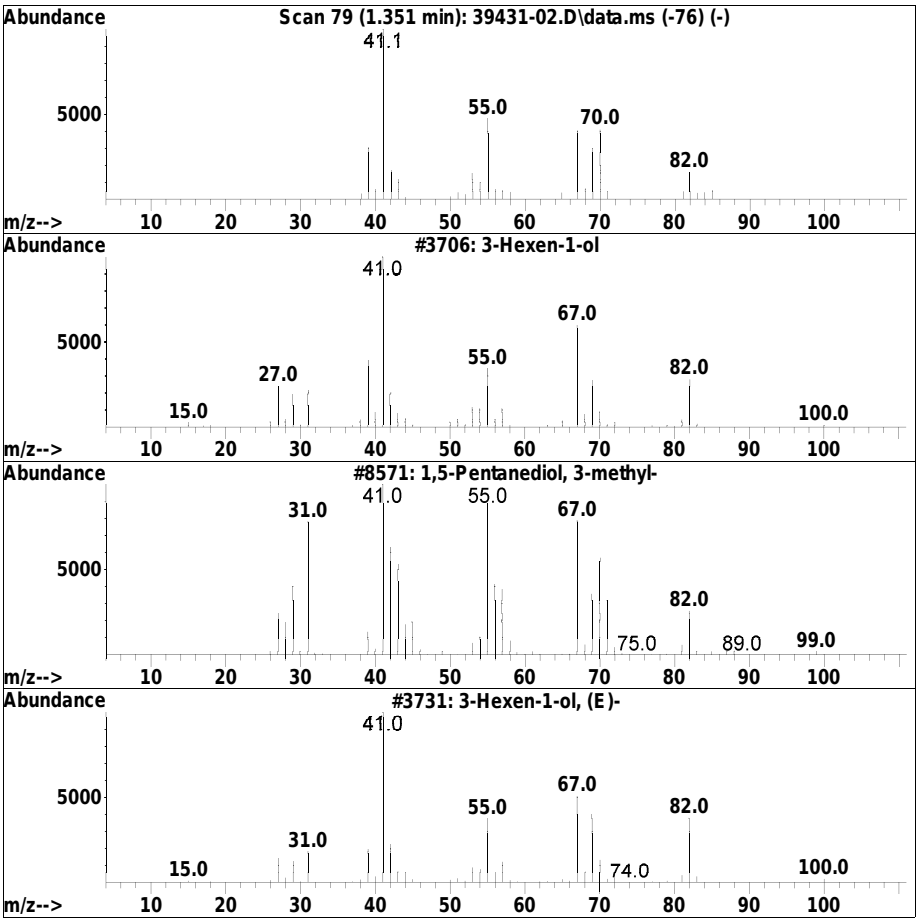
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

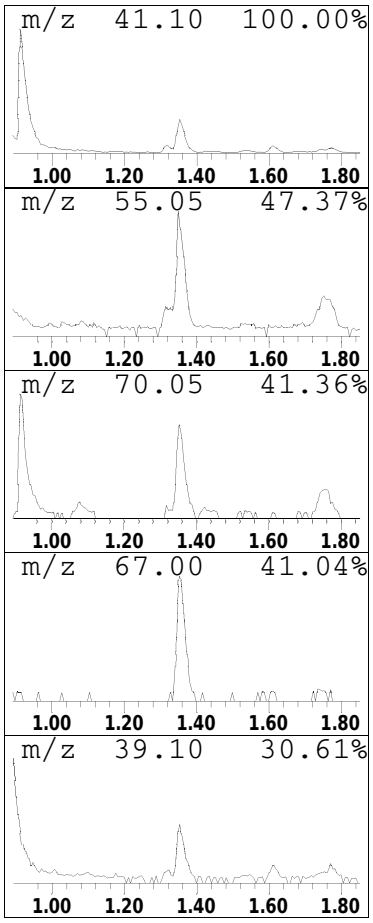
****

Peak Number 1 Unknown Alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.351	1.18 ug/ml	46215	IS2_1,4-Dichlorobenzene-d4	5.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol	100	C6H12O	000544-12-7	38
2	1,5-Pentanediol, 3-methyl-	118	C6H14O2	004457-71-0	38
3	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	32
4	2-Penten-1-ol, 2-methyl-, (Z)-	100	C6H12O	016958-20-6	23
5	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	23





Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

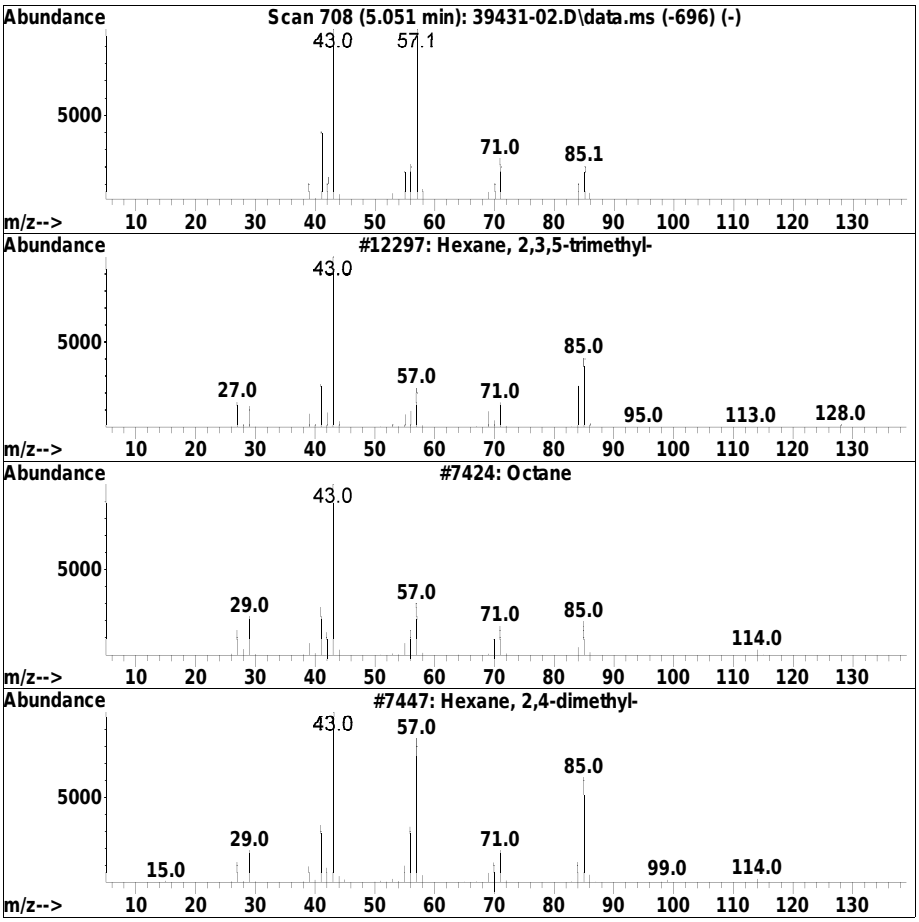
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

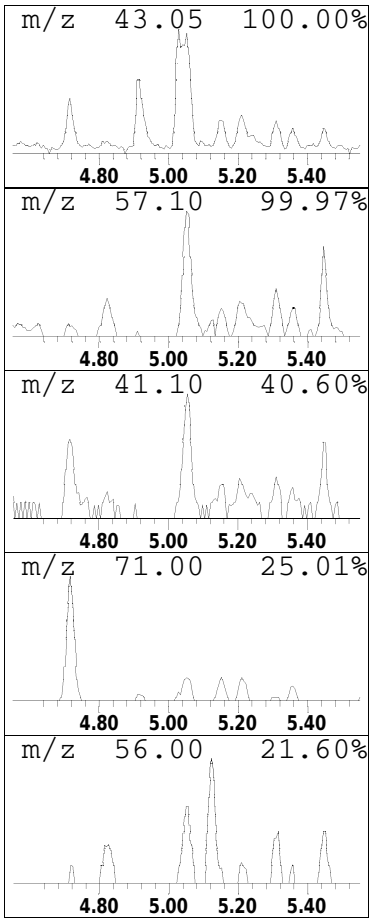
****

Peak Number 3 Unknown Alkane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.051	0.80 ug/ml	31364	IS2_1,4-Dichlorobenzene-d4	5.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
2	Octane	114	C8H18	000111-65-9	59
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	42
5	Octane, 4-methyl-	128	C9H20	002216-34-4	40





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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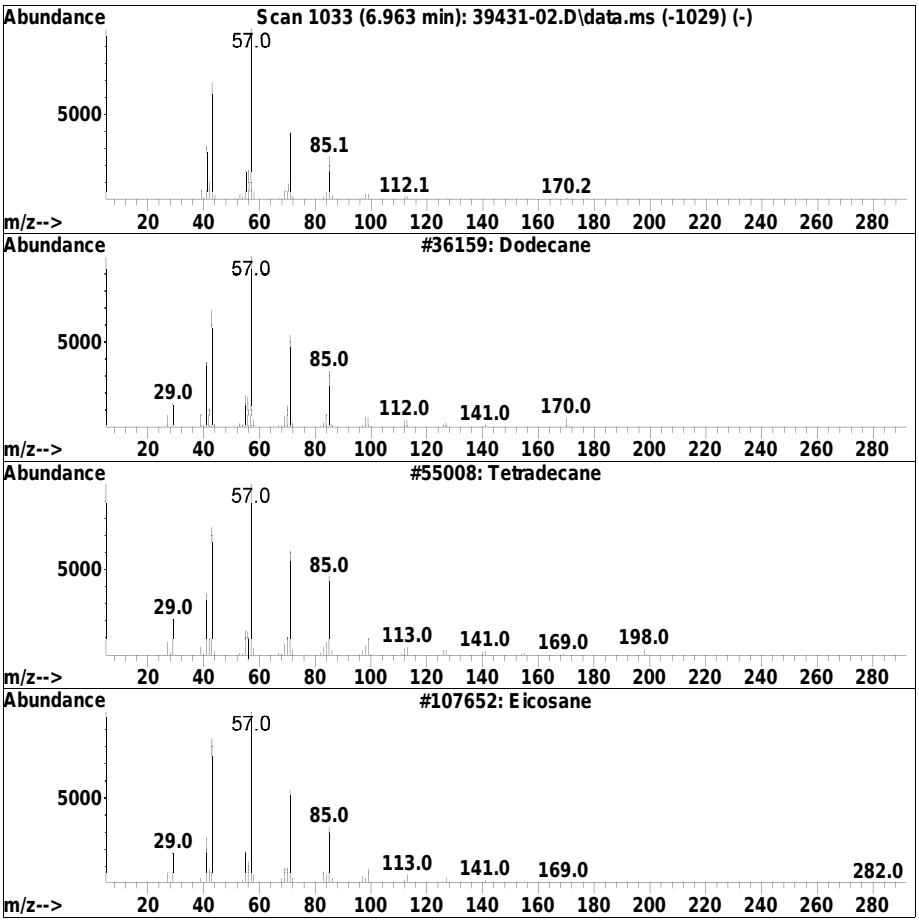
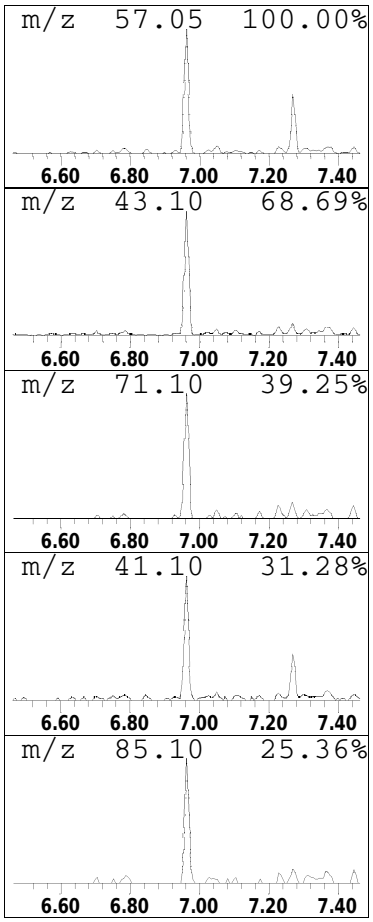
Peak Number 4 Unknown Alkane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	1.34 ug/ml	68442	IS2_Naphthalene-d8	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Tetradecane	198	C14H30	000629-59-4	72
3	Eicosane	282	C20H42	000112-95-8	72
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

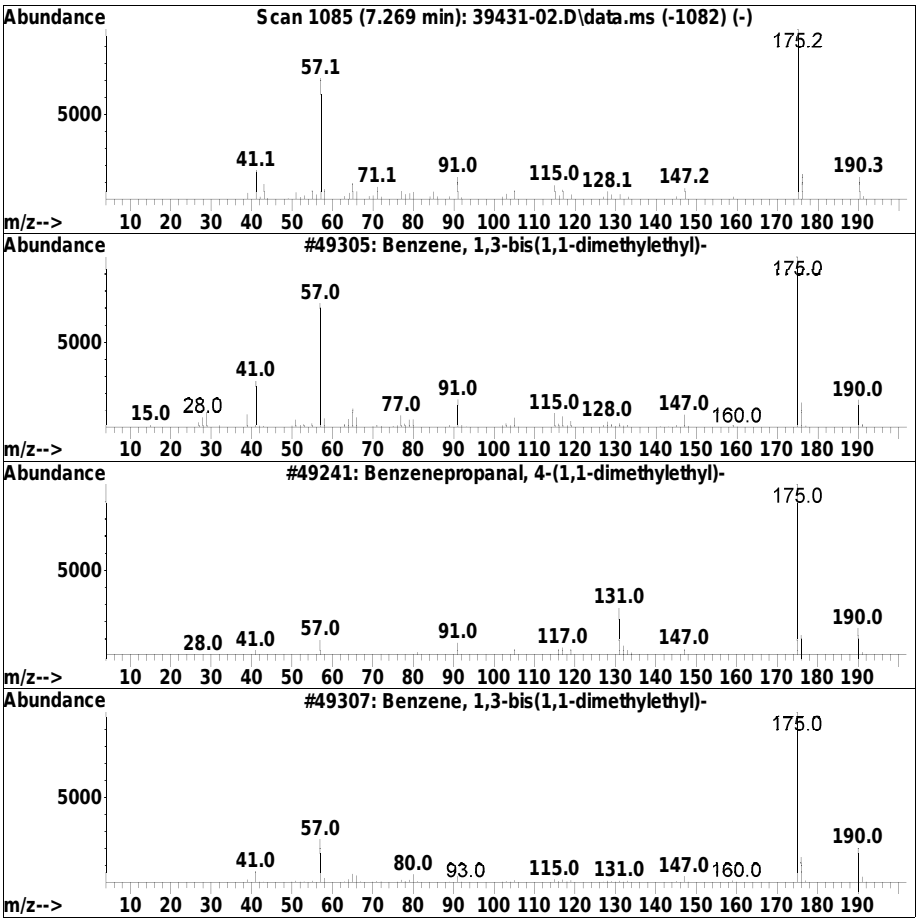
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

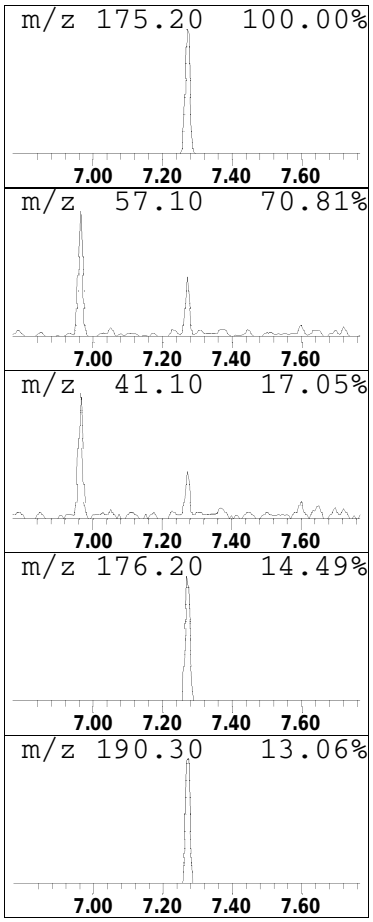
****

Peak Number 5 Unknown Benzene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.269	0.93 ug/ml	47379	IS2_Naphthalene-d8	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	96
2	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	74
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	74
5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	72





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

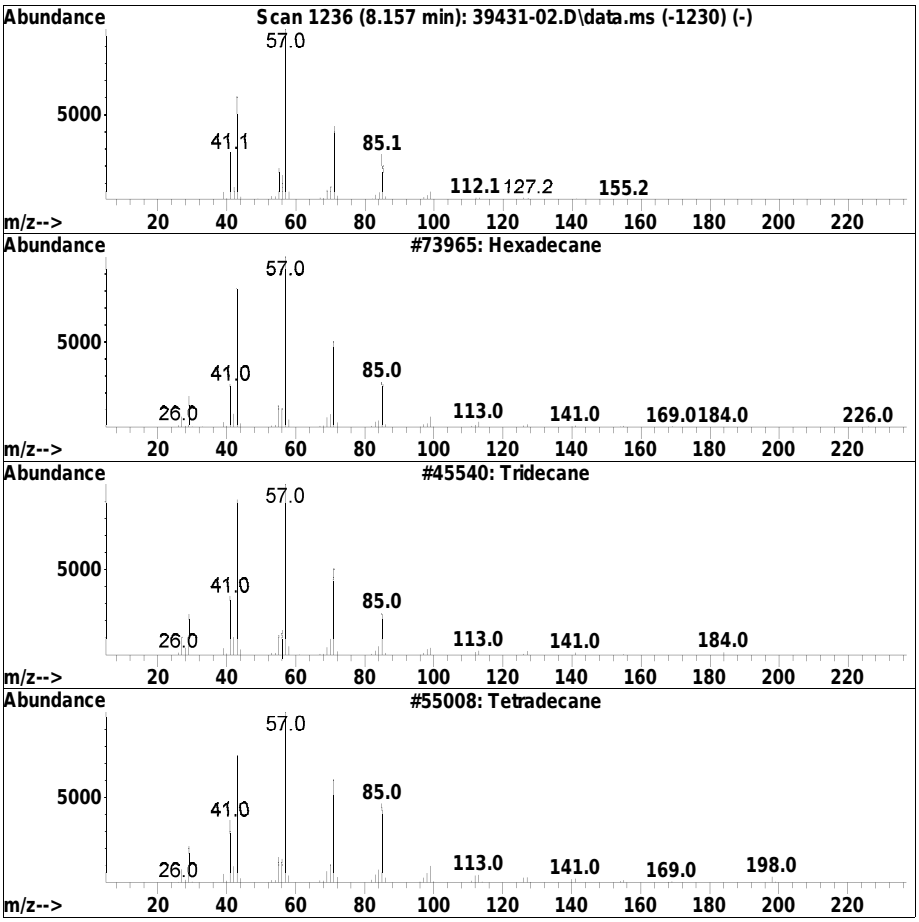
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

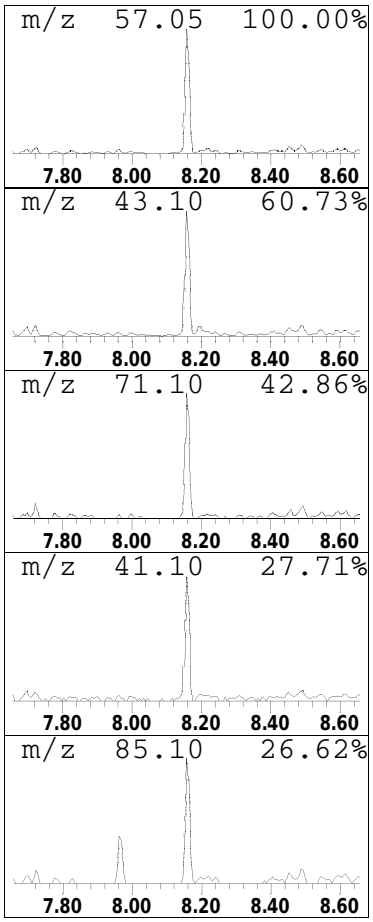
****

Peak Number 6 Unknown Alkane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.157	1.39 ug/ml	81398	IS1_Acenaphthene-d10	8.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	78
5	Tetratetracontane	619	C44H90	007098-22-8	78





Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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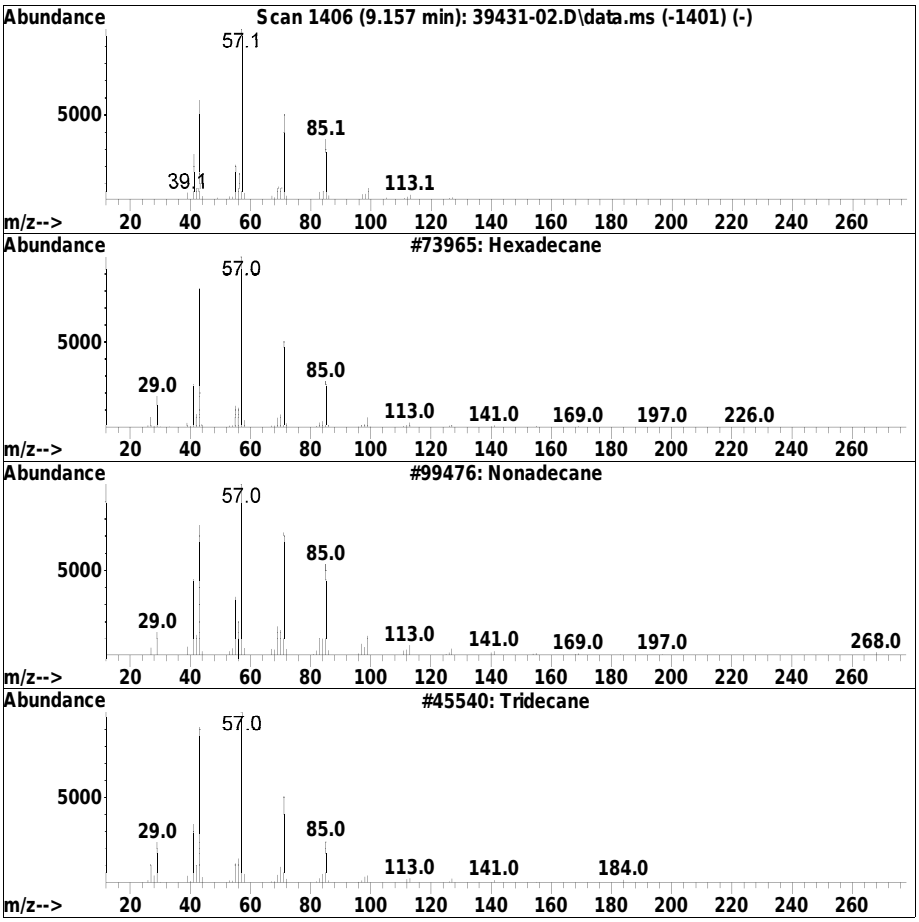
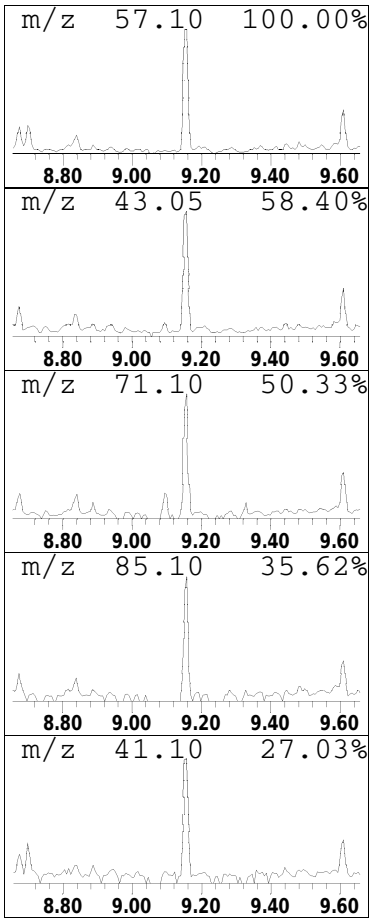
Peak Number 7 Unknown Alkane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	0.71 ug/ml	41674	IS3_Acenaphthene-d10	8.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Nonadecane	268	C19H40	000629-92-5	86
3	Tridecane	184	C13H28	000629-50-5	83
4	Tetradecane	198	C14H30	000629-59-4	78
5	Tridecane	184	C13H28	000629-50-5	78





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

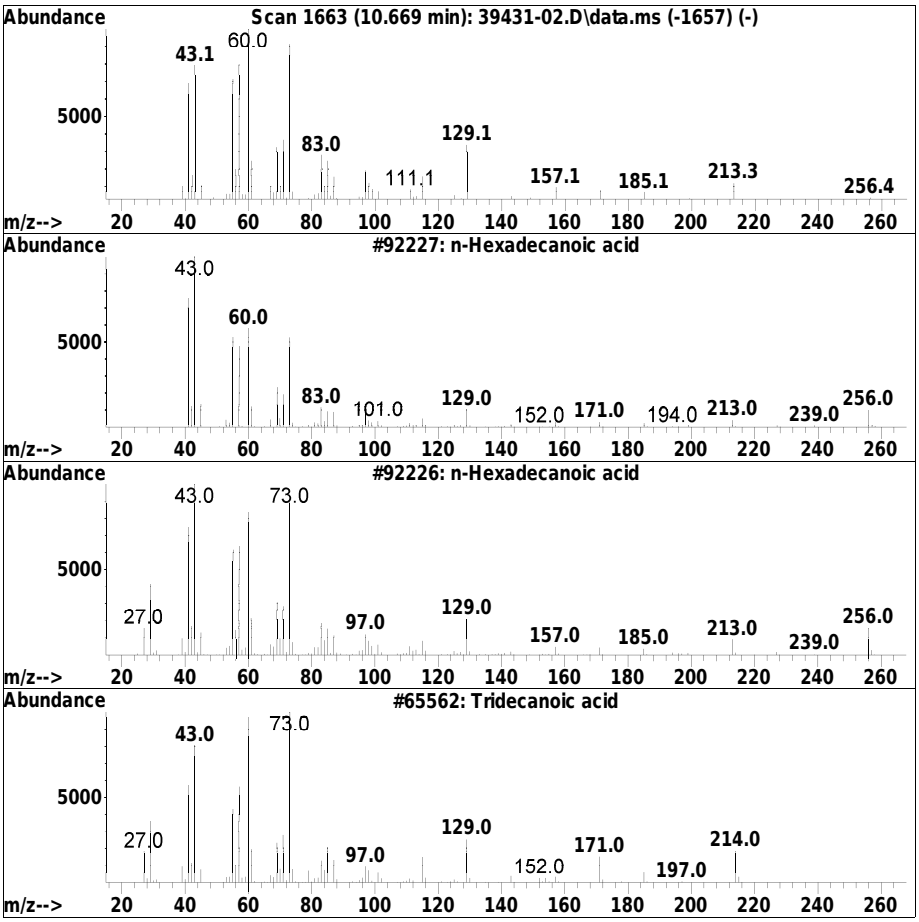
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

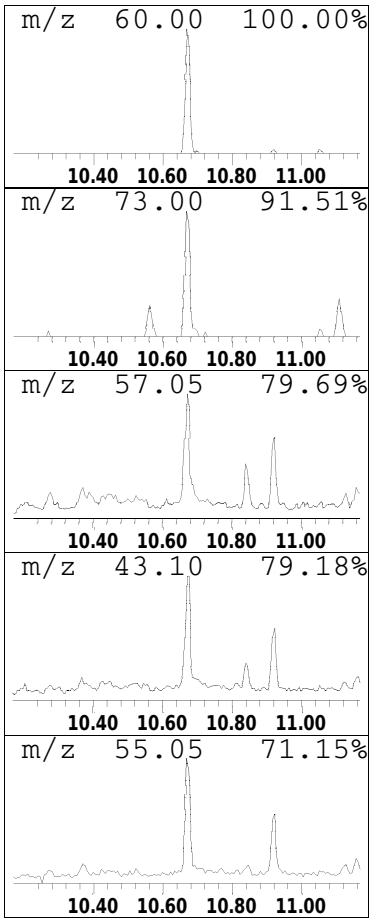
****

Peak Number 8 Unknown Organic Acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	1.01 ug/ml	62493	IS3_Phenanthrene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	78





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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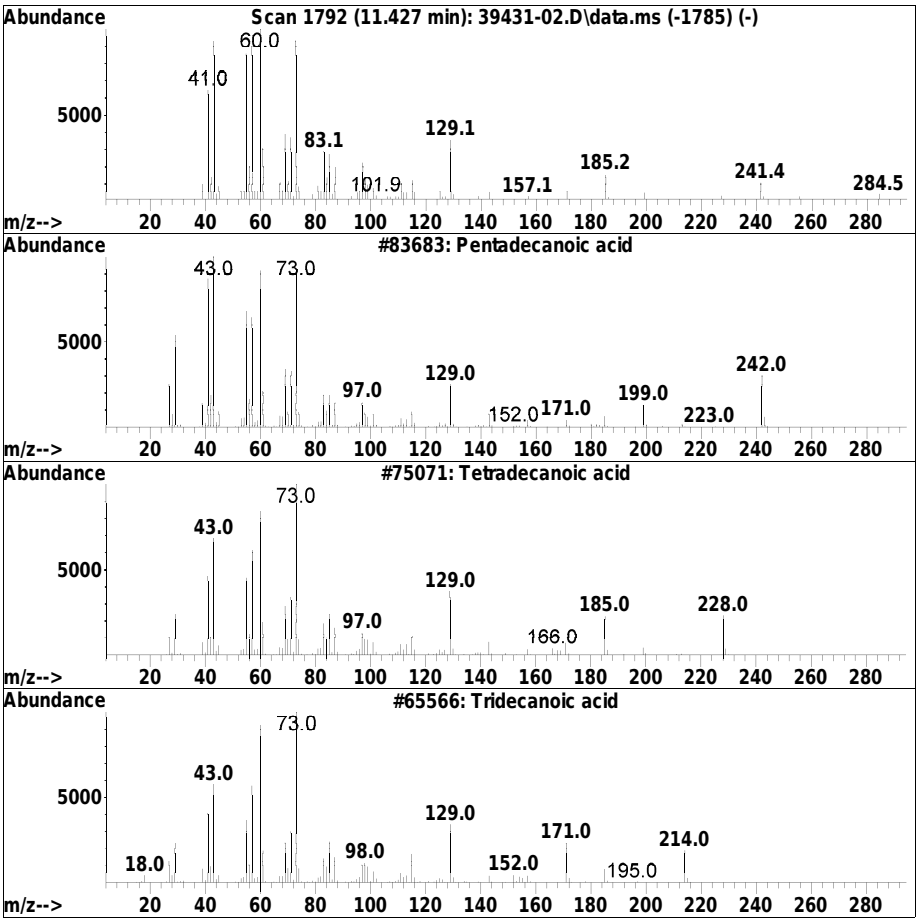
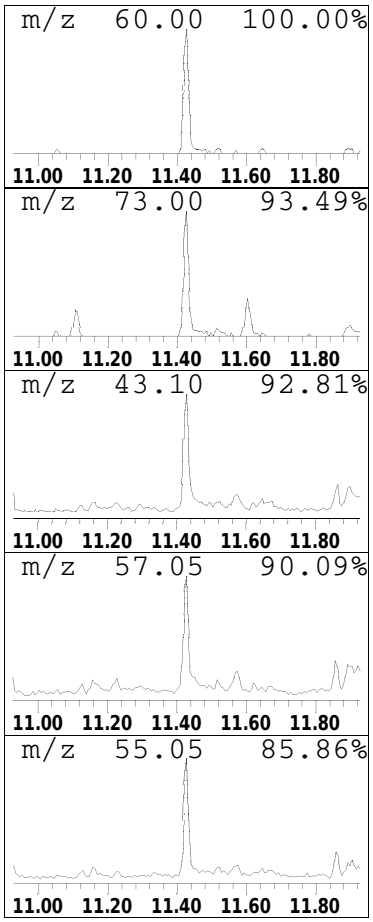
Peak Number 9 Unknown Organic Acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.427	1.36 ug/ml	89736	IS1_Chrysene-d12	12.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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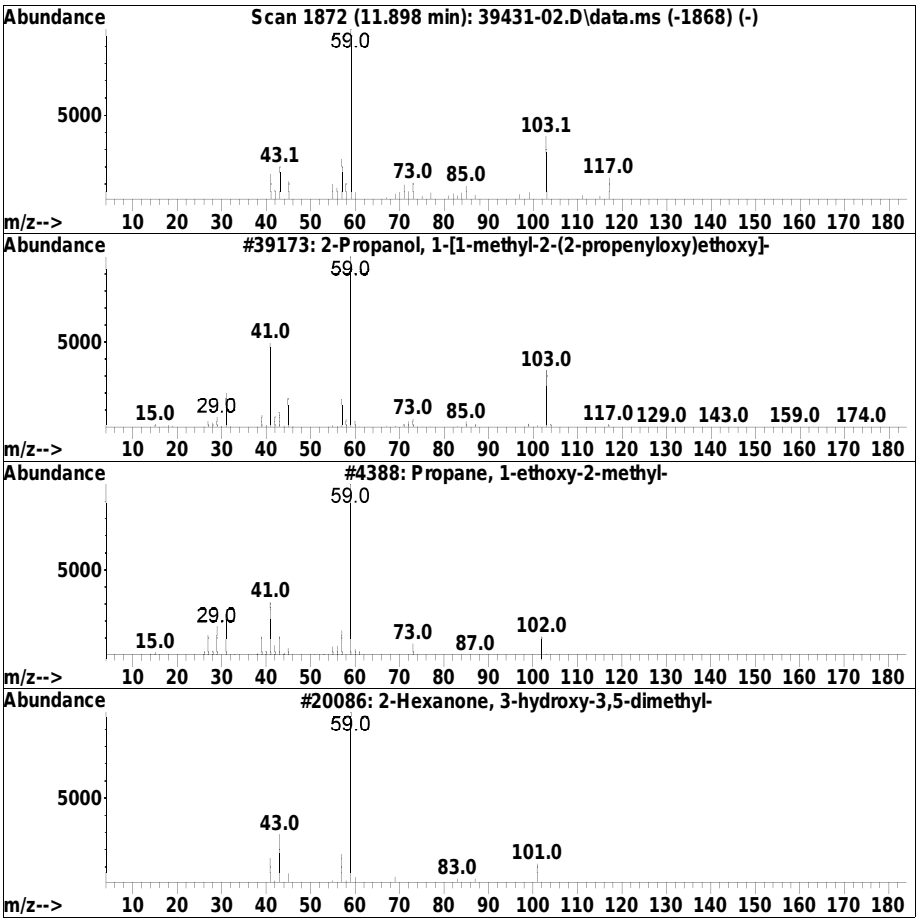
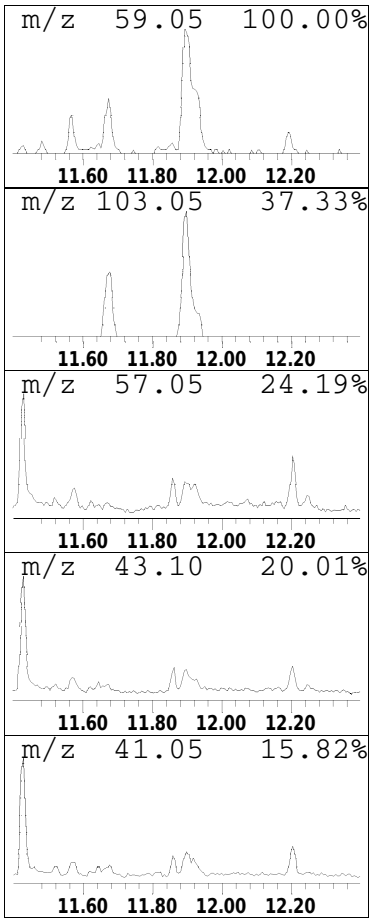
Peak Number 10 Unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	0.73 ug/ml	48507	IS1_Chrysene-d12	12.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	72
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	47
3	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	43
4	Butanamide	87	C4H9NO	000541-35-5	43
5	Methane, diethoxy-	104	C5H12O2	000462-95-3	40





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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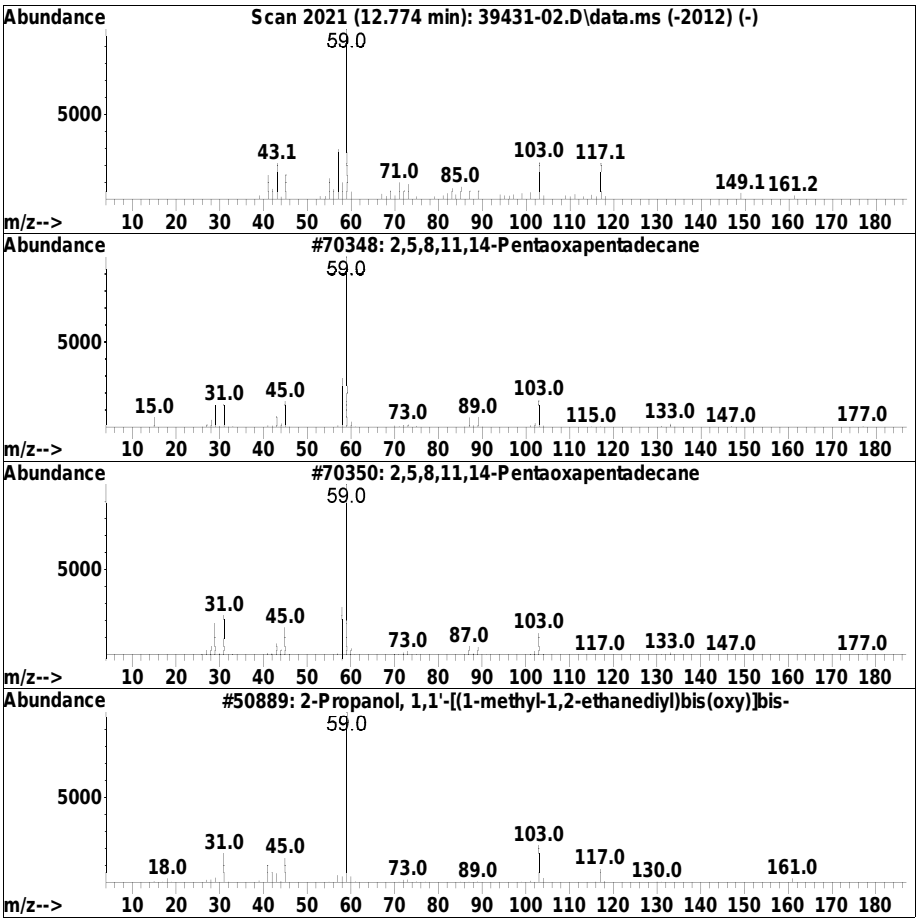
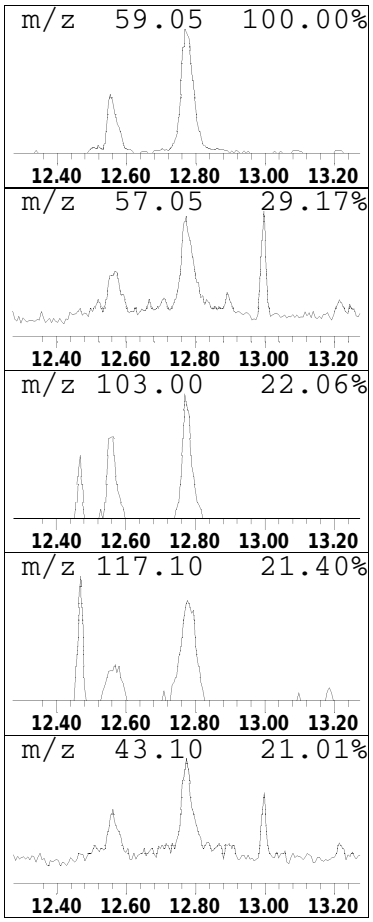
Peak Number 11 Unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.774	1.37 ug/ml	90538	IS1_Chrysene-d12	12.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	59
2	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	53
3	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	53
4	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	53
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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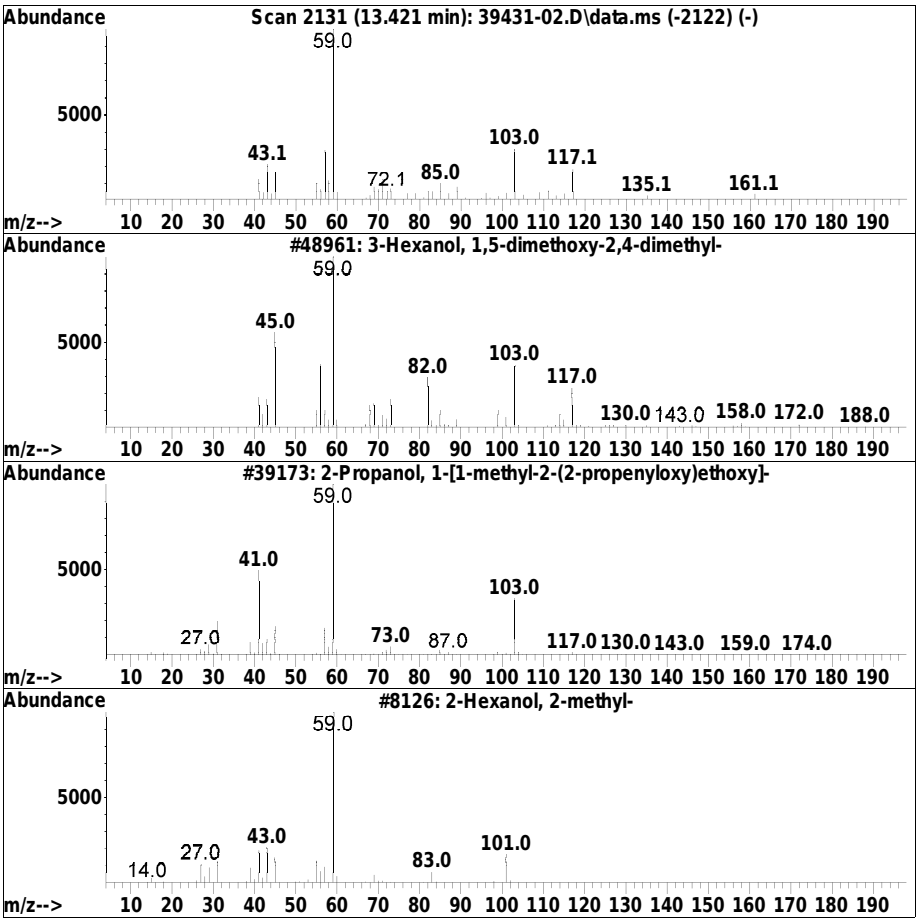
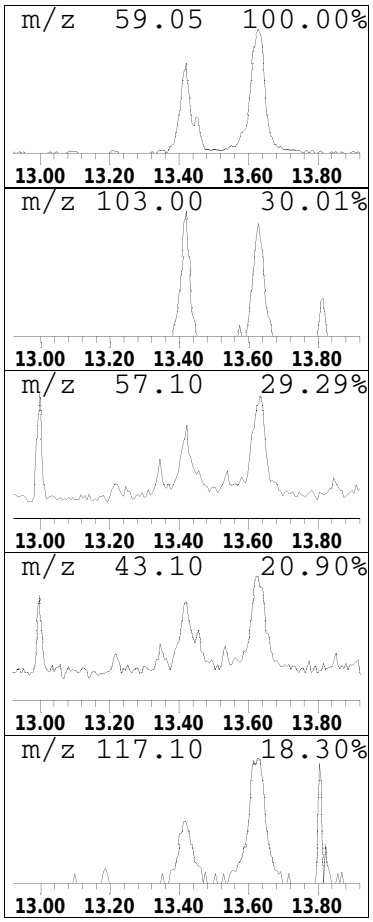
Peak Number 12 Unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.421	0.71 ug/ml	46460	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	64
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	50
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
4	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	42
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	42





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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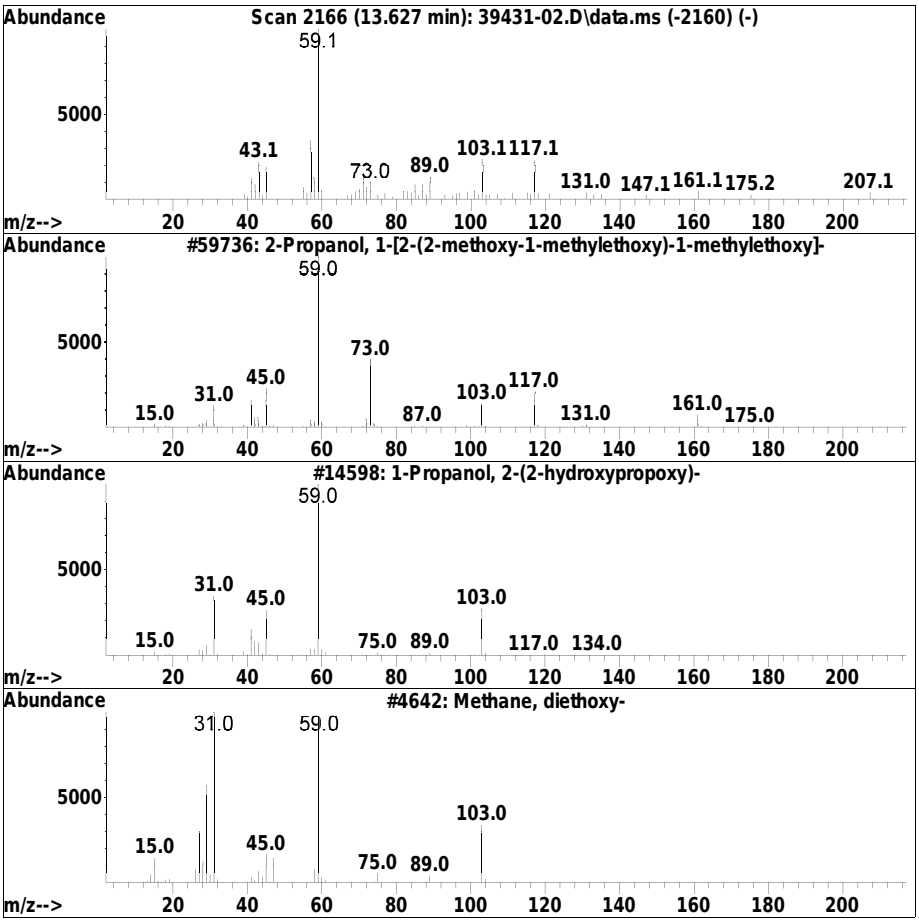
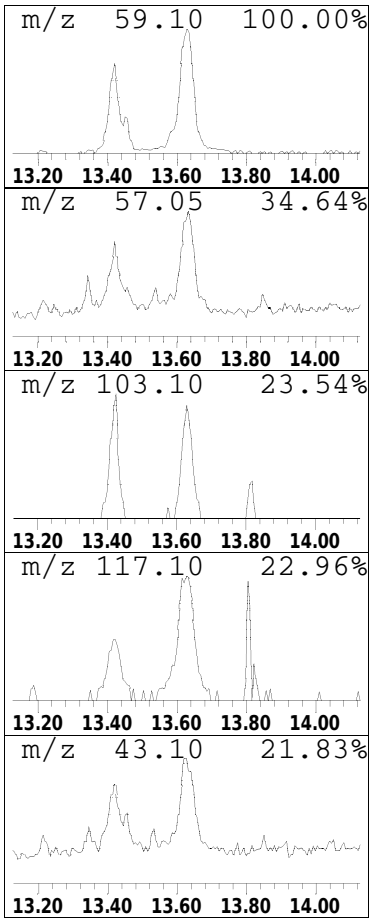
Peak Number 13 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.627	1.40 ug/ml	91074	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	64
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	49
4	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	47
5	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	43





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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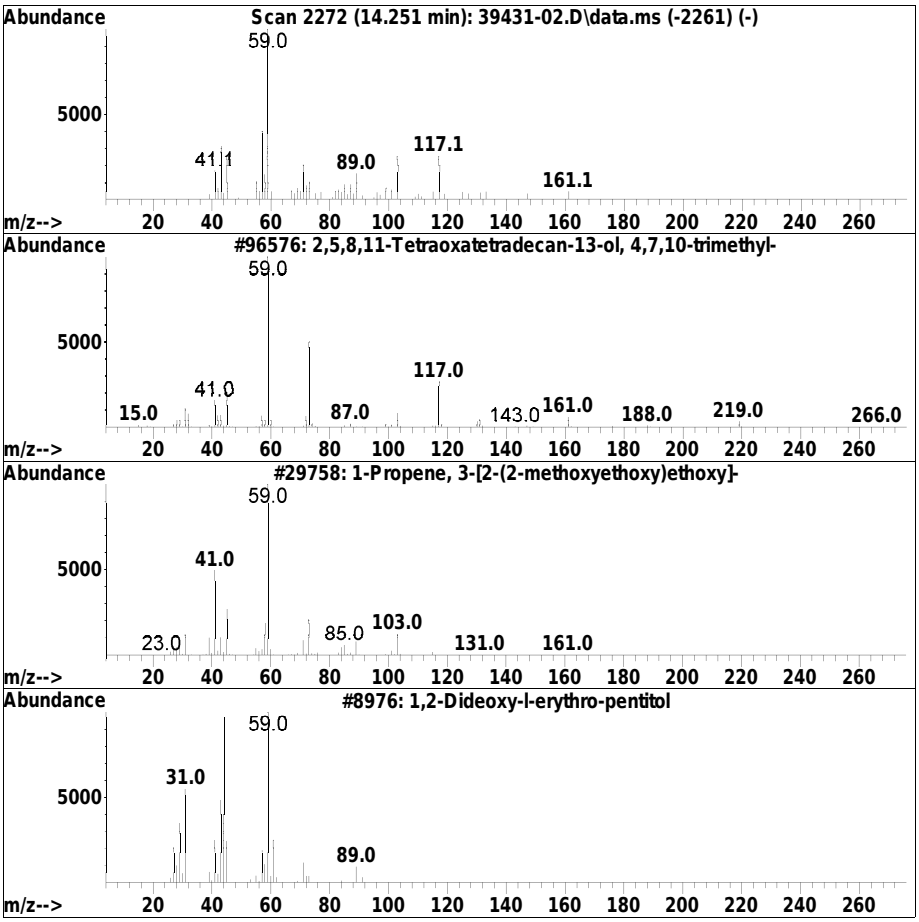
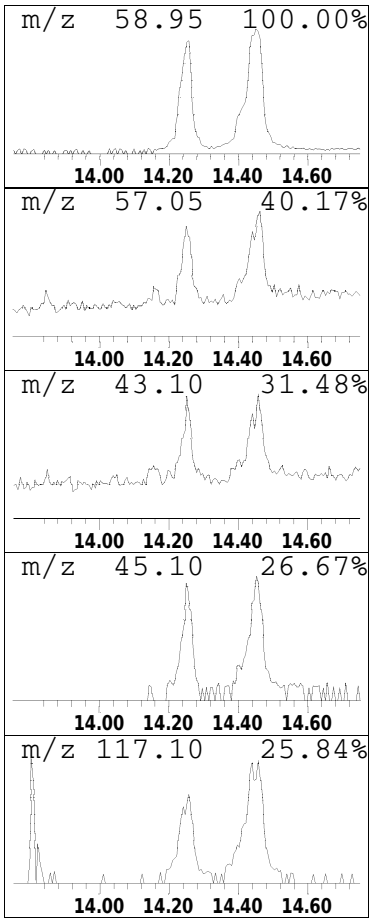
Peak Number 14 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	1.06 ug/ml	68757	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11-Tetraoxatetradecan-13-o...	264	C13H28O5	020324-34-9	47
2	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	45
3	1,2-Dideoxy-l-erythro-pentitol	120	C5H12O3	1000112-47-4	43
4	Dipropylene glycol	134	C6H14O3	025265-71-8	43
5	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	38





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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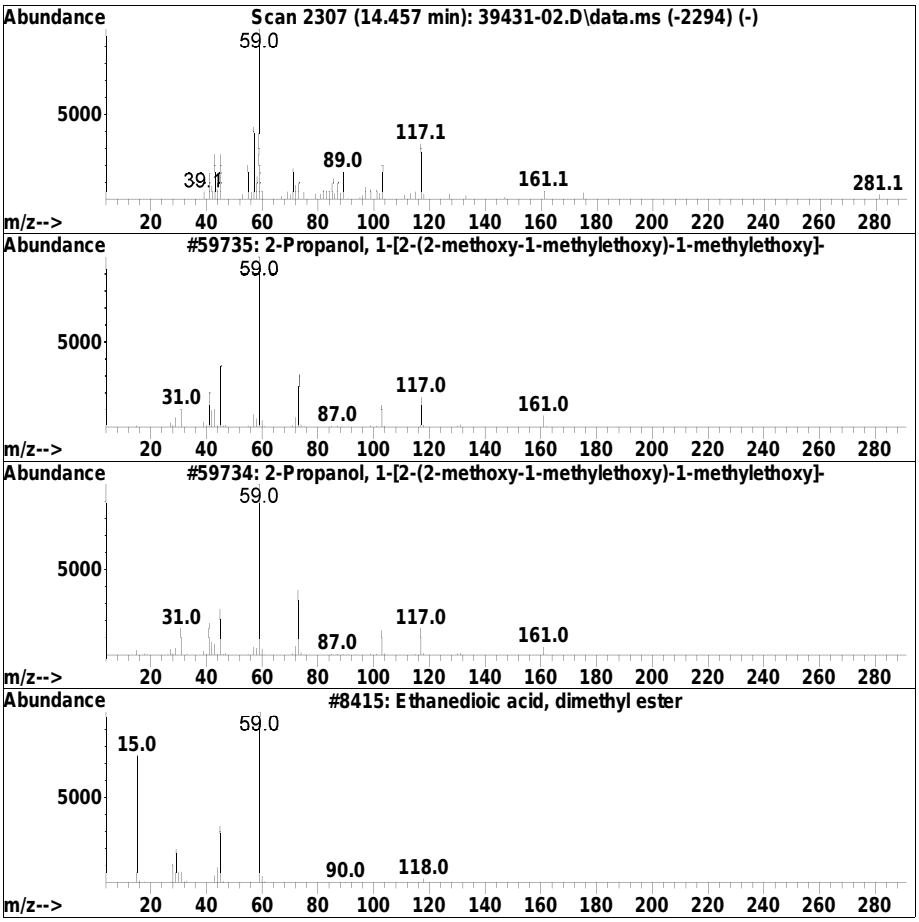
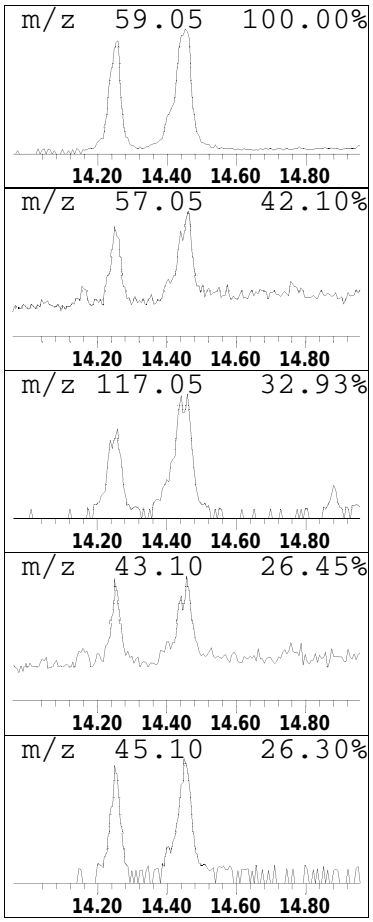
Peak Number 15 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	1.19 ug/ml	77214	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	59
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	59
3	Ethanedioic acid, dimethyl ester	118	C4H6O4	000553-90-2	43
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	42
5	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	42





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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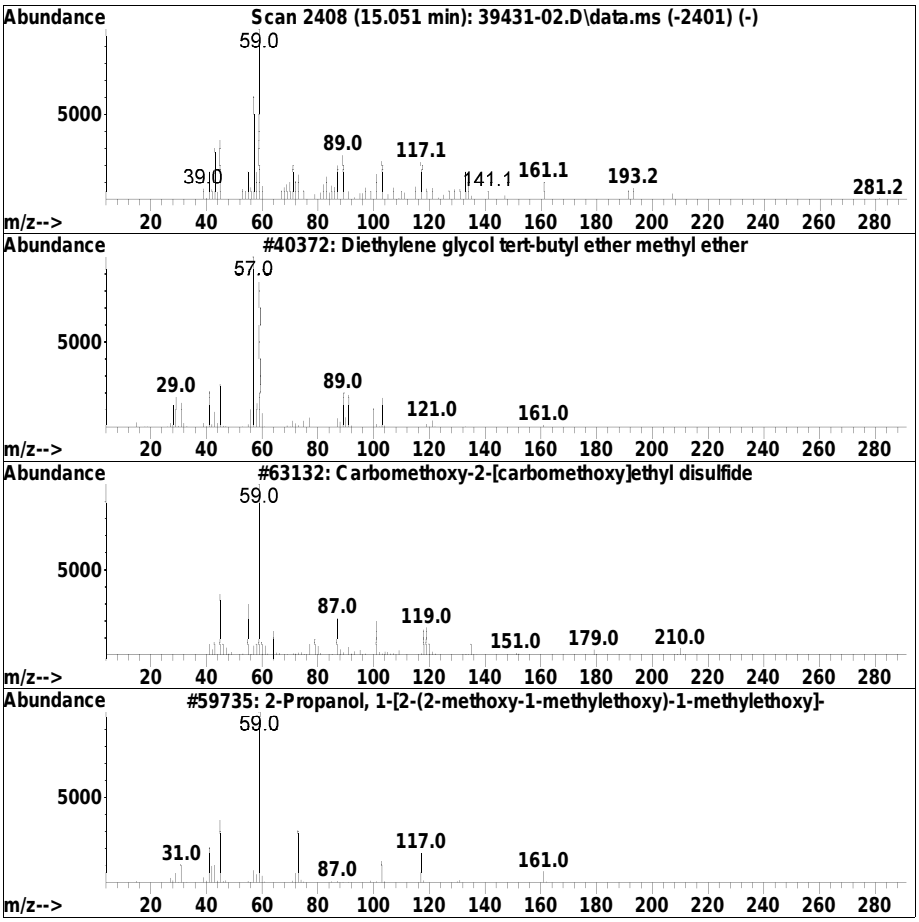
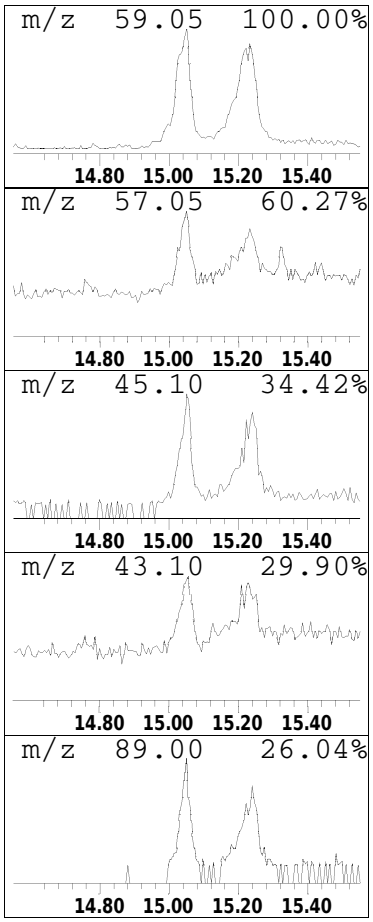
Peak Number 16 Unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.051	0.78 ug/ml	50444	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol tert-butyl eth...	176	C9H20O3	052788-79-1	47
2	Carbomethoxy-2-[carbomethoxy]eth...	210	C6H10O4S2	1000251-38-2	38
3	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	37
4	Allyl dithioacetate	132	C5H8S2	027249-83-8	35
5	4-Keto-3,3-dimethylhexanoic acid...	186	C10H18O3	1000129-20-1	32





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-02.D
Acq On : 24 Sep 2020 1:51 pm
Operator : SV107:wr
Sample : L2039431-02,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown Alcohol	1.351	1.2	ug/ml	46215	1	5.122	156376	4.0
Unknown Alkane	5.051	0.8	ug/ml	31364	1	5.122	156376	4.0
Unknown Alkane	6.963	1.3	ug/ml	68442	5	6.792	203789	4.0
Unknown Benzene	7.269	0.9	ug/ml	47379	5	6.792	203789	4.0
Unknown Alkane	8.157	1.4	ug/ml	81398	6	8.569	234563	4.0
Unknown Alkane	9.157	0.7	ug/ml	41674	8	8.569	234563	4.0
Unknown Organic...	10.669	1.0	ug/ml	62493	11	9.969	248405	4.0
Unknown Organic...	11.427	1.4	ug/ml	89736	12	12.468	264603	4.0
Unknown	11.898	0.7	ug/ml	48507	12	12.468	264603	4.0
Unknown	12.774	1.4	ug/ml	90538	12	12.468	264603	4.0
Unknown	13.421	0.7	ug/ml	46460	13	13.810	260275	4.0
Unknown	13.627	1.4	ug/ml	91074	13	13.810	260275	4.0
Unknown	14.251	1.1	ug/ml	68757	13	13.810	260275	4.0
Unknown	14.457	1.2	ug/ml	77214	13	13.810	260275	4.0
Unknown	15.051	0.8	ug/ml	50444	13	13.810	260275	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-03.D
Acq On : 24 Sep 2020 2:17 pm
Operator : SV107:wr
Sample : L2039431-03,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 25 08:53:03 2020
Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 14:37:31 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\200924lvi\ABN0924.D
: 2 - I:\8270\SV107\200924lvi\ADP0924.D
: 3 - I:\8270\SV107\200924lvi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.122	150	36336	4.000	ug/ml		0.00
Standard Area 1 = 38438			Recovery = 94.53%				
27) IS2_1,4-Dichlorobenzen...	5.122	150	36336	4.000	ug/ml		0.00
Standard Area 3 = 36940			Recovery = 98.36%				
34) IS1_Naphthalene-d8	6.792	136	92690	4.000	ug/ml	#	0.00
Standard Area 1 = 94578			Recovery = 98.00%				
54) IS2_Naphthalene-d8	6.792	136	92690	4.000	ug/ml	#	0.00
Standard Area 3 = 93354			Recovery = 99.29%				
62) IS1_Acenaphthene-d10	8.569	164	48617	4.000	ug/ml		0.00
Standard Area 1 = 46874			Recovery = 103.72%				
85) IS3_Acenaphthene-d10	8.569	164	48617	4.000	ug/ml		0.00
Standard Area 2 = 45992			Recovery = 105.71%				
87) IS1_Phenanthrene-d10	9.969	188	91437	4.000	ug/ml	#	0.00
Standard Area 1 = 95146			Recovery = 96.10%				
103) IS1_Chrysene-d12	12.469	240	81057	4.000	ug/ml	#	0.00
Standard Area 1 = 83481			Recovery = 97.10%				
112) IS1_Perylene-d12	13.815	264	78064	4.000	ug/ml		0.00
Standard Area 1 = 76625			Recovery = 101.88%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.240	112	22482	3.579	ug/ml		0.01
Spiked Amount 5.000	Range 15 - 110		Recovery. = 71.58%				
7) Phenol-d6	4.716	99	25040	3.159	ug/ml		0.01
Spiked Amount 5.000	Range 15 - 110		Recovery. = 63.18%				
19) Nitrobenzene-d5	5.969	82	13845	1.938	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 77.52%				
45) 2-Fluorobiphenyl	7.969	172	28053	1.729	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 69.16%				
78) 2,4,6-Tribromophenol	9.328	330	6250	3.362	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery. = 67.24%				
95) 4-Terphenyl-d14	11.539	244	33536	1.818	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 72.72%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-03.D
Acq On : 24 Sep 2020 2:17 pm
Operator : SV107:wr
Sample : L2039431-03,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 25 08:53:03 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 14:37:31 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.	d	
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.		
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-03.D
Acq On : 24 Sep 2020 2:17 pm
Operator : SV107:wr
Sample : L2039431-03,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 25 08:53:03 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 14:37:31 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
106) Chrysene	0.000		0	N.D.		
107) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108) Di-n-octylphthalate	0.000		0	N.D.	d	
115) Benzo(ghi)perylene	0.000		0	N.D.		

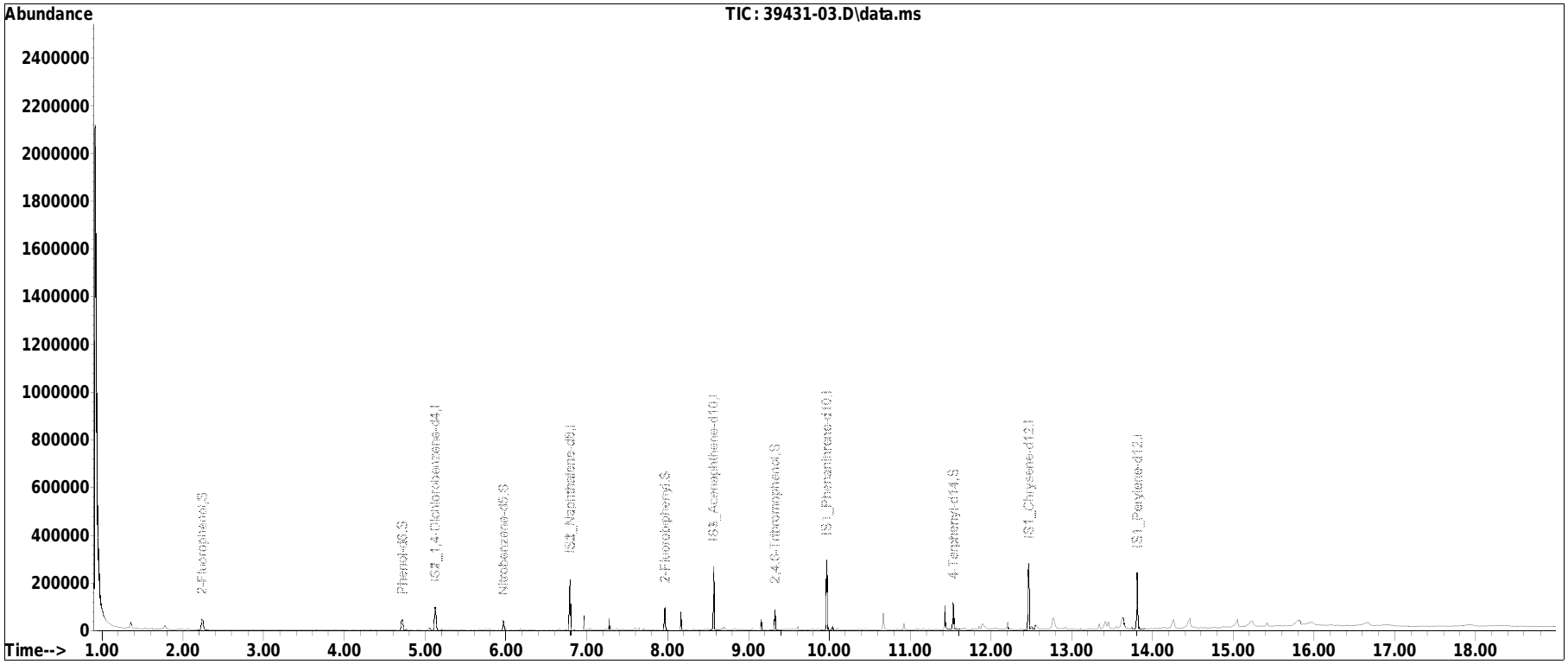
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-03.D
Acq On : 24 Sep 2020 2:17 pm
Operator : SV107:wr
Sample : L2039431-03,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 25 08:53:03 2020
Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 14:37:31 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional924.D•



Manual Integration/Negative Proof Report

Data Path	: I:\8270\SV107\200924lvi\	QMethod	: FS200712SV107.m
Data File	: 39431-03.D	Operator	: SV107:wr
Date Inj'd	: 9/24/2020 2:17 pm	Instrument	: SV 107
Sample	: L2039431-03,32,,DW	Quant Date	: 9/24/2020 2:37 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-03.D
Acq On : 24 Sep 2020 2:17 pm
Operator : SV107:wr
Sample : L2039431-03,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 39431-03.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.316	70	73	76	rBV3	4429	6139	2.32%	0.162%
2	1.352	76	79	88	rVB	28933	45746	17.30%	1.207%
3	1.534	105	110	120	rVV8	3485	9461	3.58%	0.250%
4	1.610	120	123	129	rVV3	3806	6791	2.57%	0.179%
5	1.675	130	134	141	rVV6	2781	7530	2.85%	0.199%
6	1.746	142	146	148	rVV5	5789	8524	3.22%	0.225%
7	1.769	148	150	167	rVB	17679	32907	12.44%	0.868%
8	1.952	176	181	185	rBV6	2051	5112	1.93%	0.135%
9	2.063	195	200	209	rVB6	3458	9331	3.53%	0.246%
10	2.240	223	230	239	rVB	43195	81584	30.84%	2.152%
11	3.922	513	516	534	rVB5	2474	7172	2.71%	0.189%
12	4.381	589	594	602	rVB6	1822	4506	1.70%	0.119%
13	4.716	643	651	657	rBV	44326	70506	26.66%	1.860%
14	4.775	657	661	664	rVV2	4730	7056	2.67%	0.186%
15	4.822	664	669	678	rVB6	3174	7196	2.72%	0.190%
16	4.910	678	684	697	rBV	6045	11283	4.27%	0.298%
17	5.051	697	708	713	rBV2	11949	21733	8.22%	0.573%
18	5.122	713	720	729	rVV	98347	146402	55.35%	3.862%
19	5.210	729	735	747	rVV3	4400	10518	3.98%	0.277%
20	5.310	747	752	756	rVV	4218	6575	2.49%	0.173%
21	5.357	756	760	763	rVV2	3534	4761	1.80%	0.126%
22	5.451	769	776	786	rVB5	2815	5927	2.24%	0.156%
23	5.657	807	811	817	rVV4	4032	6931	2.62%	0.183%
24	5.740	820	825	831	rVV2	4729	9076	3.43%	0.239%
25	5.798	831	835	840	rVV2	6386	8654	3.27%	0.228%
26	5.969	857	864	874	rVB	40568	51928	19.63%	1.370%
27	6.181	896	900	904	rVV	6954	7437	2.81%	0.196%
28	6.234	904	909	912	rVV2	3539	4662	1.76%	0.123%

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-03.D
Acq On : 24 Sep 2020 2:17 pm
Operator : SV107:wr
Sample : L2039431-03,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	6.651	973	980	986	rBV2	5356	6778	2.56%	0.179%
30	6.792	999	1004	1011	rVB	216591	197329	74.60%	5.206%
31	6.963	1025	1033	1037	rBV	63375	54312	20.53%	1.433%
32	7.010	1037	1041	1045	rBV3	4364	5201	1.97%	0.137%
33	7.045	1045	1047	1051	rVB2	7699	6590	2.49%	0.174%
34	7.228	1076	1078	1082	rVB2	5094	5394	2.04%	0.142%
35	7.269	1082	1085	1089	rBV	46756	40852	15.44%	1.078%
36	7.375	1095	1103	1107	rVB2	6478	11267	4.26%	0.297%
37	7.445	1107	1115	1119	rBV2	4649	5207	1.97%	0.137%
38	7.598	1135	1141	1144	rVB3	9007	9888	3.74%	0.261%
39	7.651	1144	1150	1154	rVB3	8652	12131	4.59%	0.320%
40	7.698	1154	1158	1160	rBV	6671	6627	2.51%	0.175%
41	7.963	1194	1203	1207	rBV	93607	86579	32.73%	2.284%
42	8.157	1231	1236	1240	rBV	79170	67678	25.59%	1.785%
43	8.198	1240	1243	1249	rBV5	3708	7070	2.67%	0.187%
44	8.316	1259	1263	1267	rBV2	5834	6274	2.37%	0.166%
45	8.451	1284	1286	1289	rBV	4083	4420	1.67%	0.117%
46	8.492	1289	1293	1296	rVB	6260	7469	2.82%	0.197%
47	8.569	1300	1306	1312	rVB	264233	221718	83.82%	5.849%
48	8.675	1317	1324	1326	rVV	7128	7660	2.90%	0.202%
49	8.704	1326	1329	1335	rVB3	13358	15018	5.68%	0.396%
50	8.839	1341	1352	1356	rBV3	6219	12094	4.57%	0.319%
51	8.945	1365	1370	1373	rVB3	4049	5634	2.13%	0.149%
52	9.045	1385	1387	1391	rVB3	6268	4959	1.87%	0.131%
53	9.157	1402	1406	1409	rBV	43868	37750	14.27%	0.996%
54	9.292	1420	1429	1432	rBV5	2257	5033	1.90%	0.133%
55	9.328	1432	1435	1440	rBV	91482	71182	26.91%	1.878%
56	9.610	1476	1483	1487	rVV2	11952	11730	4.43%	0.309%
57	9.798	1509	1515	1520	rVV5	3202	8165	3.09%	0.215%
58	9.851	1520	1524	1528	rVV4	4305	5936	2.24%	0.157%
59	9.969	1538	1544	1548	rBV	292123	244180	92.32%	6.442%
60	10.039	1553	1556	1564	rVB	15891	14598	5.52%	0.385%

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-03.D
Acq On : 24 Sep 2020 2:17 pm
Operator : SV107:wr
Sample : L2039431-03,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	10.110	1564	1568	1577	rVB	8540	9238	3.49%	0.244%
62	10.369	1605	1612	1616	rBV4	4484	7786	2.94%	0.205%
63	10.669	1656	1663	1677	rVV2	70310	85324	32.26%	2.251%
64	10.839	1690	1692	1697	rVB	6674	6148	2.32%	0.162%
65	10.916	1702	1705	1714	rVB3	26336	30423	11.50%	0.803%
66	11.074	1727	1732	1735	rVB2	7402	9195	3.48%	0.243%
67	11.110	1735	1738	1743	rBV3	3040	5327	2.01%	0.141%
68	11.157	1743	1746	1754	rBV4	5176	7271	2.75%	0.192%
69	11.227	1754	1758	1762	rVV4	4423	4352	1.65%	0.115%
70	11.427	1786	1792	1799	rBV	101522	110026	41.60%	2.903%
71	11.533	1805	1810	1814	rBV	112351	105788	40.00%	2.791%
72	11.569	1814	1816	1820	rVB2	6893	6863	2.59%	0.181%
73	11.674	1830	1834	1843	rVB3	8207	15370	5.81%	0.405%
74	11.857	1861	1865	1868	rBV2	13268	12945	4.89%	0.342%
75	11.898	1868	1872	1885	rVB2	22047	53347	20.17%	1.407%
76	12.063	1897	1900	1905	rVB2	6167	8880	3.36%	0.234%
77	12.204	1919	1924	1929	rBV2	28866	30560	11.55%	0.806%
78	12.245	1929	1931	1941	rVB4	3997	5444	2.06%	0.144%
79	12.469	1963	1969	1973	rBV	275315	264503	100.00%	6.978%
80	12.504	1973	1975	1980	rVV5	11198	16677	6.31%	0.440%
81	12.557	1980	1984	1996	rVV3	19646	44949	16.99%	1.186%
82	12.774	2012	2021	2034	rBV	46691	118349	44.74%	3.122%
83	12.868	2035	2037	2040	rVV3	3164	4450	1.68%	0.117%
84	12.927	2043	2047	2052	rVB2	9631	13872	5.24%	0.366%
85	13.216	2092	2096	2098	rBV3	4826	6395	2.42%	0.169%
86	13.345	2113	2118	2123	rBV	23621	26235	9.92%	0.692%
87	13.415	2123	2130	2134	rVV	32695	68514	25.90%	1.807%
88	13.457	2134	2137	2146	rVV3	30180	42921	16.23%	1.132%
89	13.557	2149	2154	2156	rVV3	11436	17558	6.64%	0.463%
90	13.627	2157	2166	2183	rVV2	48764	142116	53.73%	3.749%
91	13.745	2183	2186	2190	rVV	7524	9347	3.53%	0.247%

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-03.D
Acq On : 24 Sep 2020 2:17 pm
Operator : SV107:wr
Sample : L2039431-03,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

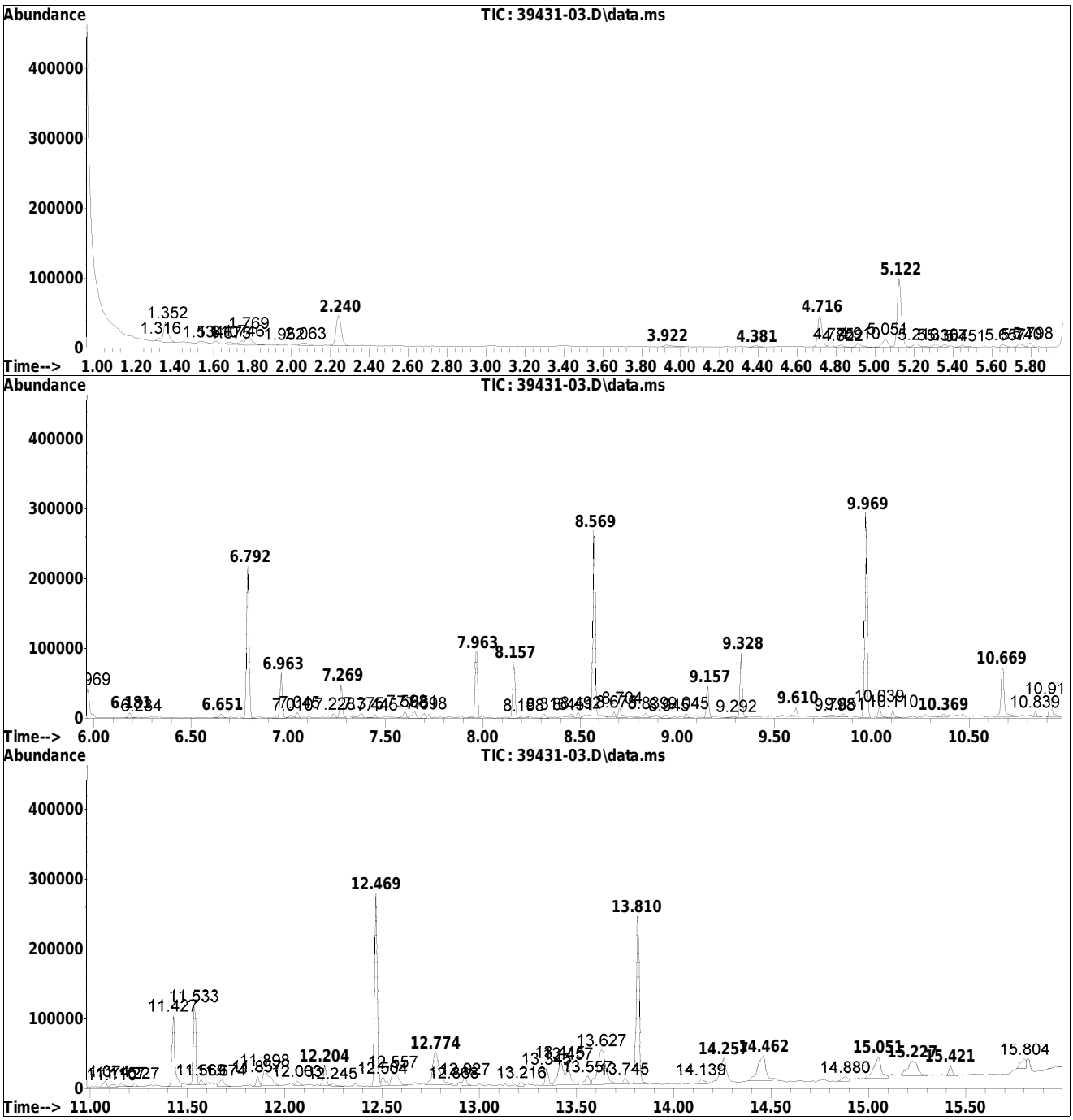
92	13.810	2193	2197	2207	rVB	239772	264355	99.94%	6.974%
93	14.139	2250	2253	2259	rBV4	6301	11212	4.24%	0.296%
94	14.257	2262	2273	2284	rVV2	35725	82711	31.27%	2.182%
95	14.462	2294	2308	2315	rBV2	36037	103863	39.27%	2.740%
96	14.880	2372	2379	2382	rBV8	6344	12692	4.80%	0.335%
97	15.051	2395	2408	2416	rBV3	31679	87730	33.17%	2.314%
98	15.227	2428	2438	2450	rVB4	22081	82887	31.34%	2.187%
99	15.421	2467	2471	2477	rVB2	15138	18485	6.99%	0.488%
100	15.804	2529	2536	2537	rBV6	12872	24271	9.18%	0.640%

Sum of corrected areas: 3790550

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-03.D
Acq On : 24 Sep 2020 2:17 pm
Operator : SV107:wr
Sample : L2039431-03,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-03.D
Acq On : 24 Sep 2020 2:17 pm
Operator : SV107:wr
Sample : L2039431-03,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

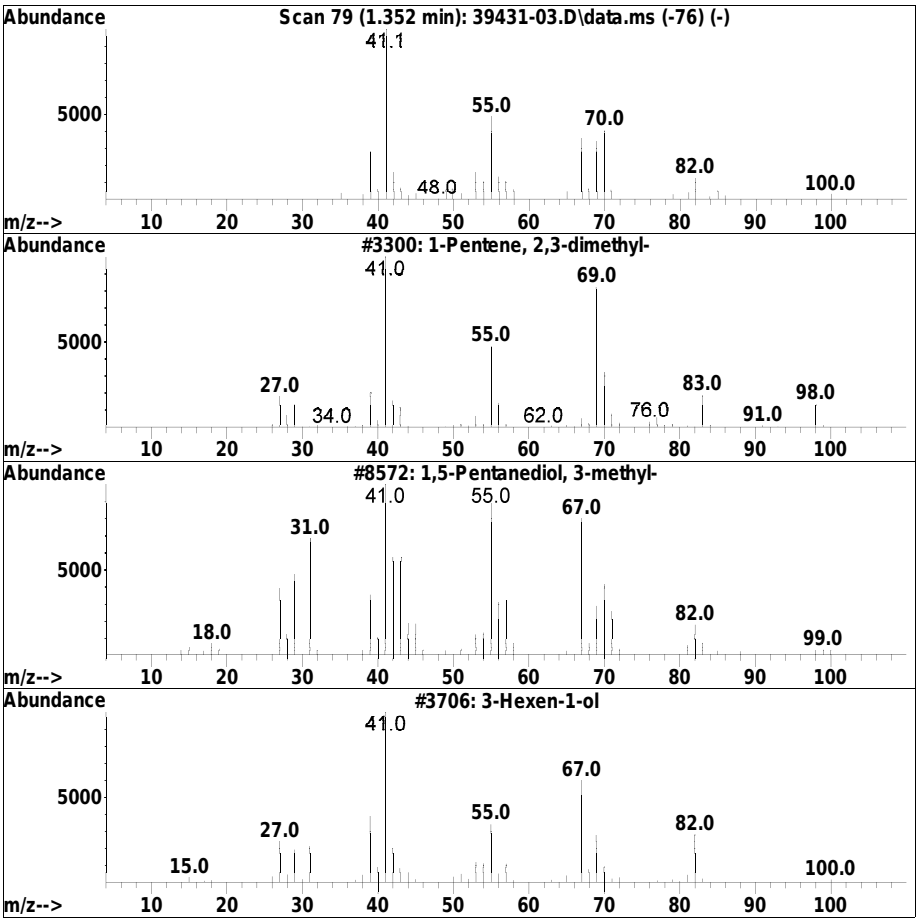
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

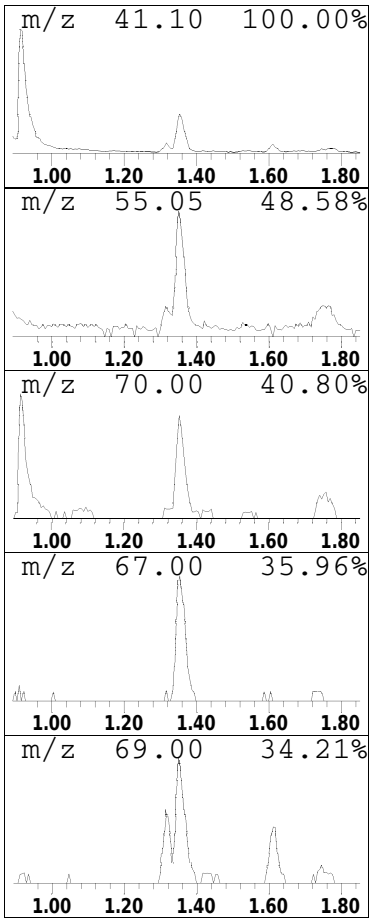
****

Peak Number 1 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.352	1.25 ug/ml	45746	IS2_1,4-Dichlorobenzene-d4	5.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	32
2	1,5-Pentanediol, 3-methyl-	118	C6H14O2	004457-71-0	20
3	3-Hexen-1-ol	100	C6H12O	000544-12-7	16
4	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	16
5	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	14





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Data File : 39431-03.D
Acq On : 24 Sep 2020 2:17 pm
Operator : SV107:wr
Sample : L2039431-03,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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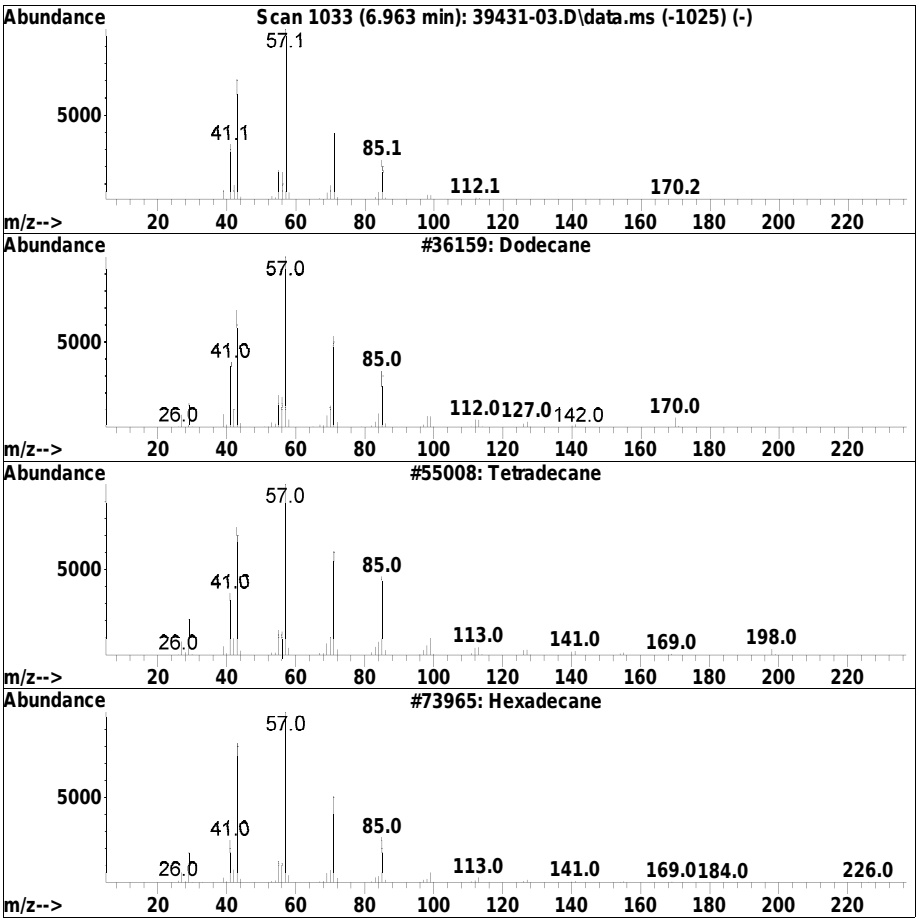
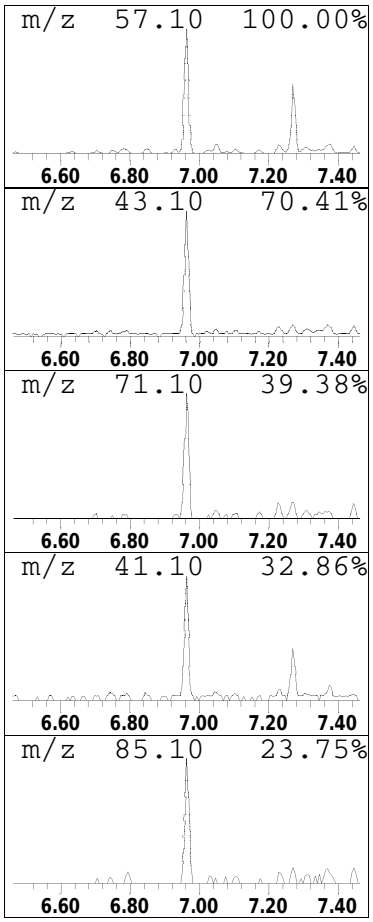
Peak Number 3 Unknown Alkane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	1.10 ug/ml	54312	IS2_Naphthalene-d8	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Tetradecane	198	C14H30	000629-59-4	83
3	Hexadecane	226	C16H34	000544-76-3	78
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
5	Dodecane	170	C12H26	000112-40-3	72





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ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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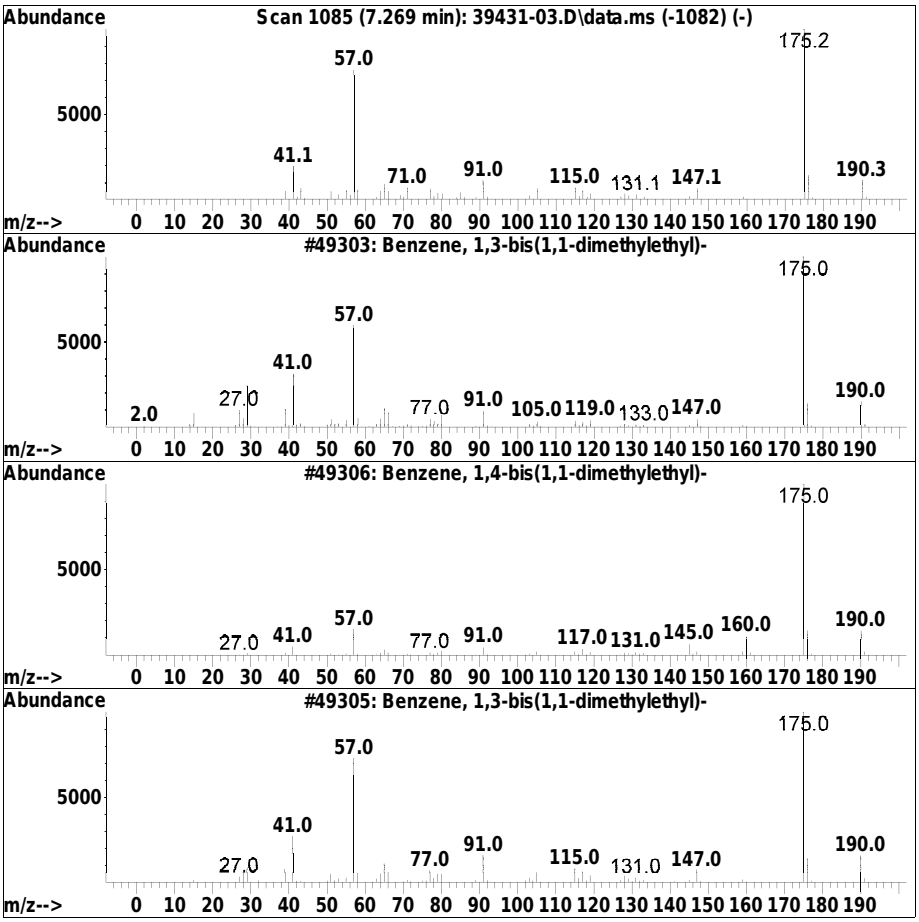
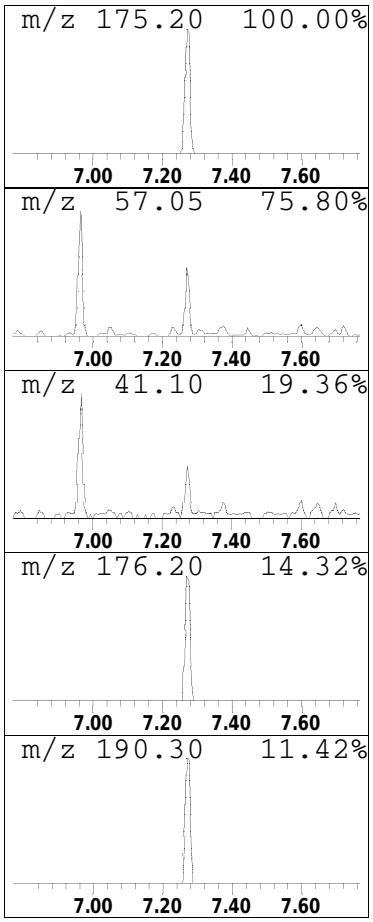
Peak Number 4 Unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.269	0.83 ug/ml	40852	IS2_Naphthalene-d8	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	81
2	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64
4	4-Methyl-2,6-dihydroxyquinoline	175	C10H9NO2	034982-01-9	53
5	Benzene, 1,3-diethyl-2,4,5,6-tet...	190	C14H22	033781-72-5	53





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Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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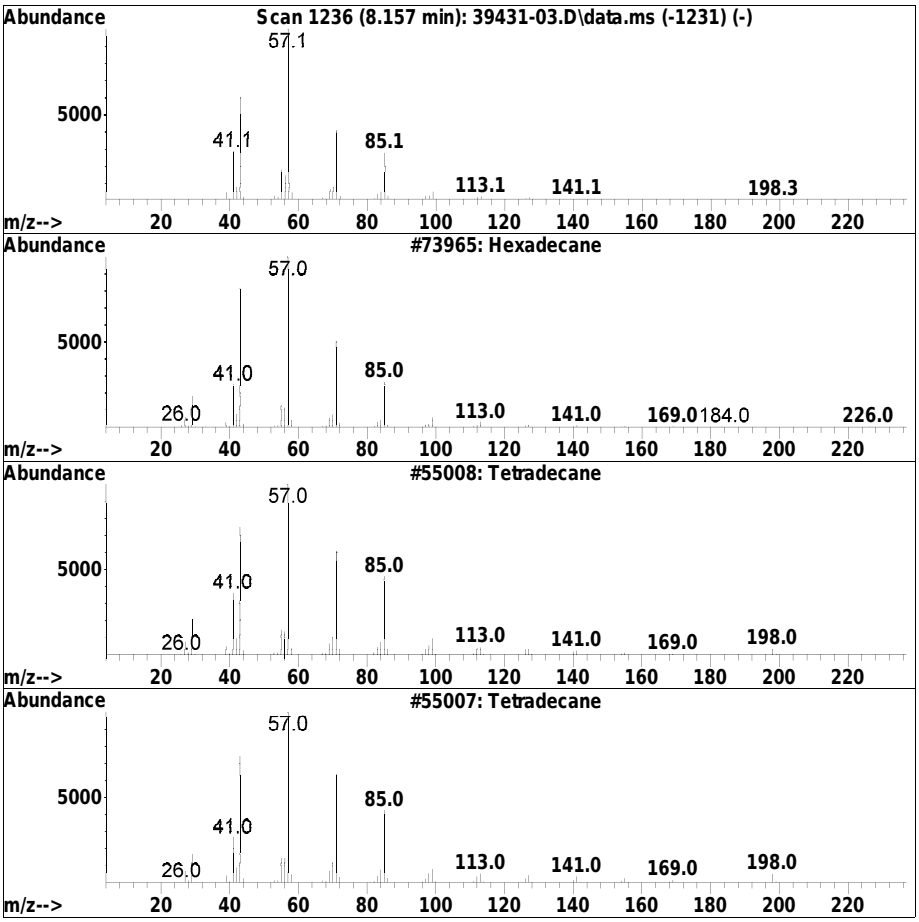
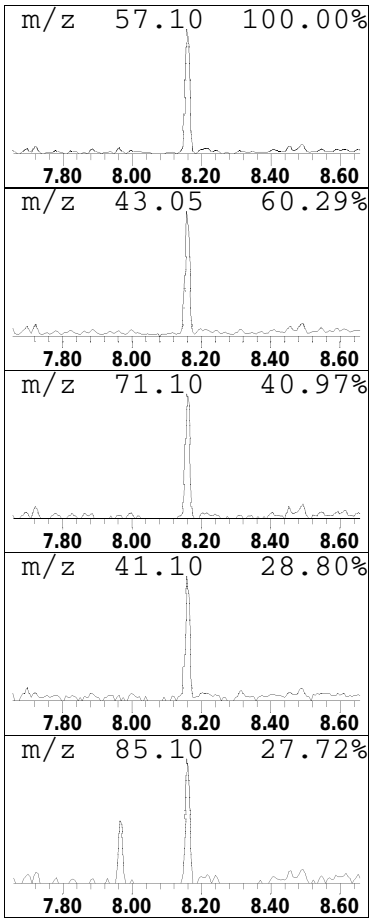
Peak Number 5 Unknown Alkane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.157	1.22 ug/ml	67678	IS1_Acenaphthene-d10	8.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
5	Pentadecane	212	C15H32	000629-62-9	83





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Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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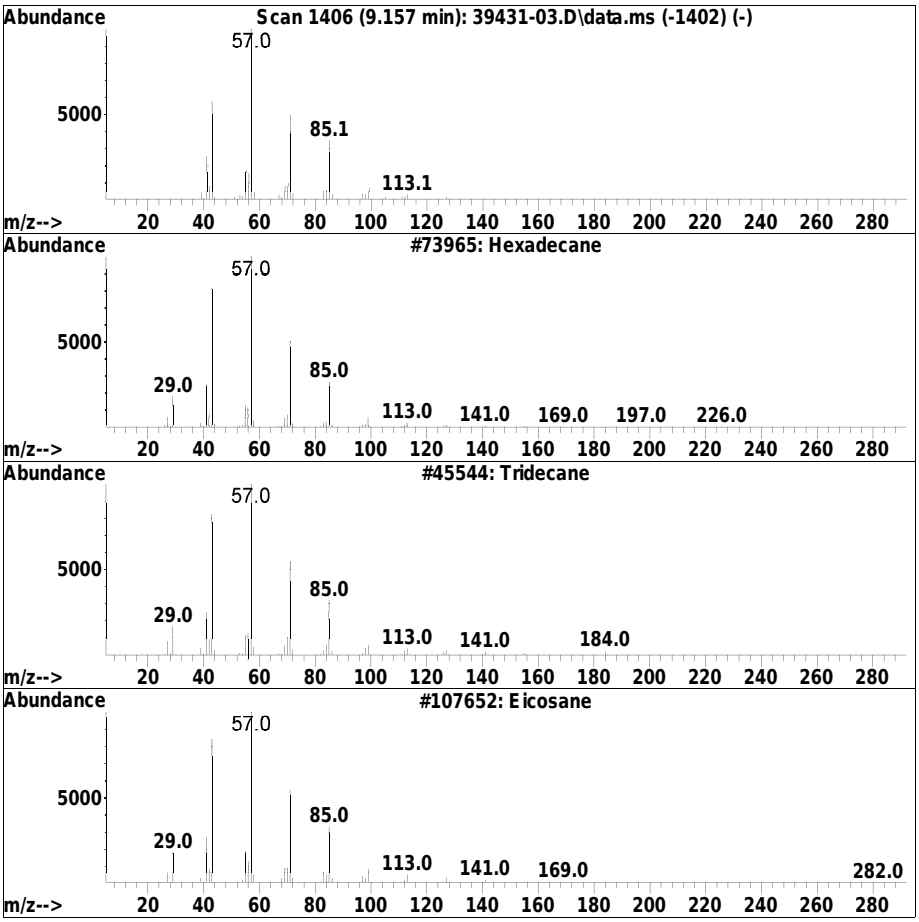
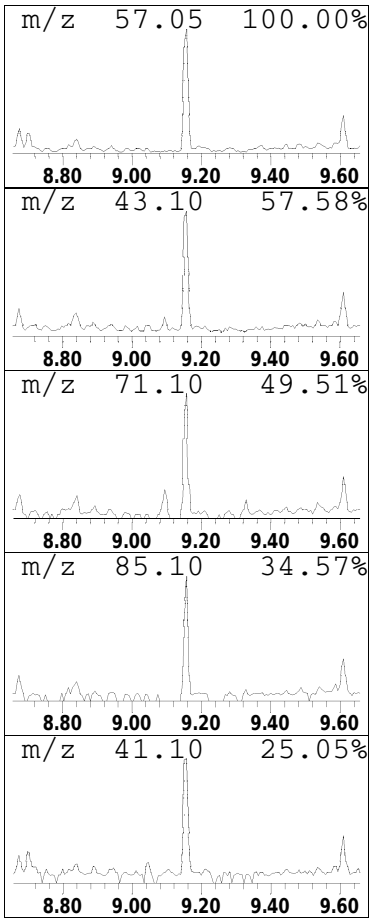
Peak Number 6 Unknown Alkane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	0.68 ug/ml	37750	IS3_Acenaphthene-d10	8.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	83
3	Eicosane	282	C20H42	000112-95-8	83
4	Hexadecane	226	C16H34	000544-76-3	72
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64





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Acq On : 24 Sep 2020 2:17 pm
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Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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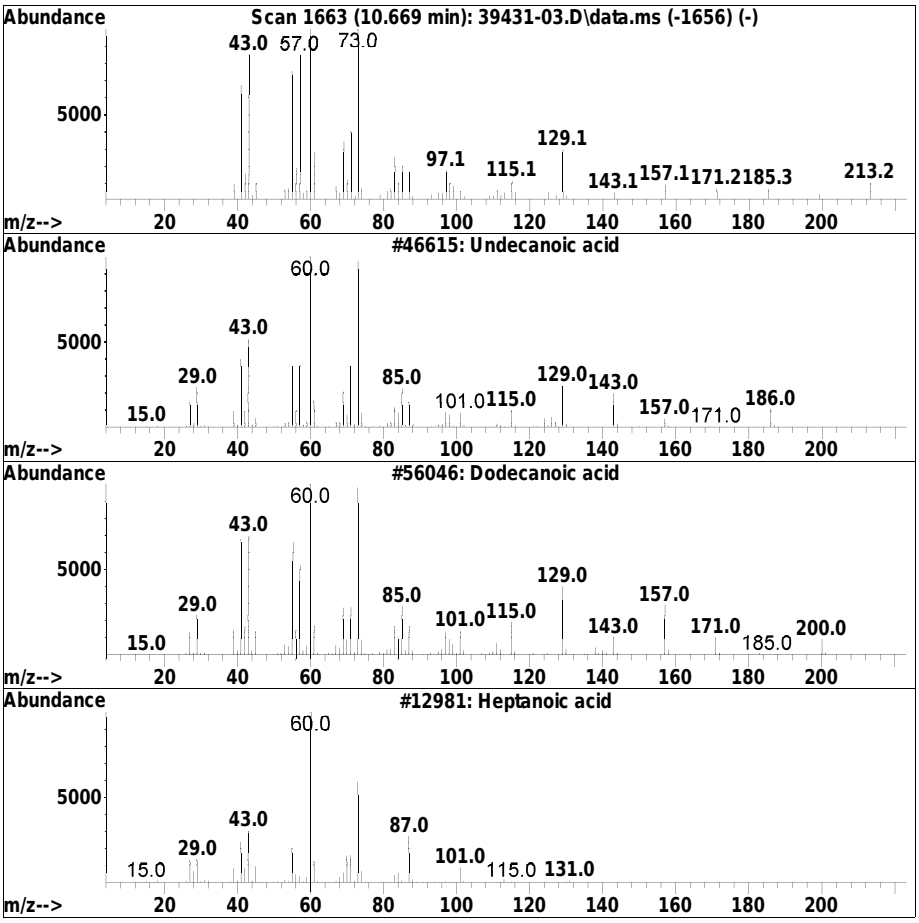
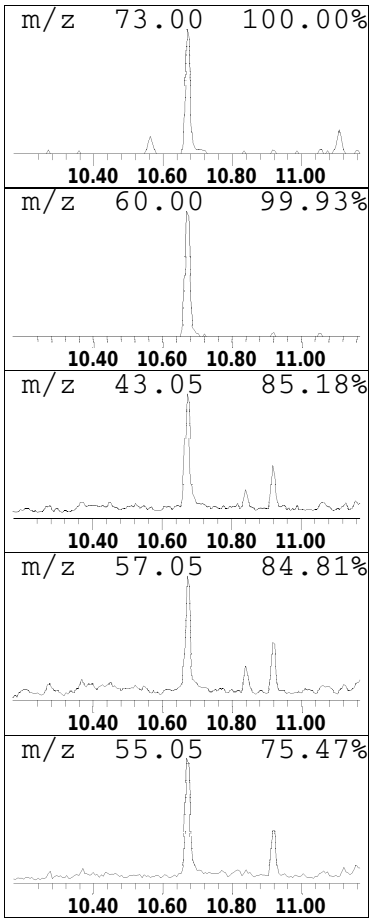
Peak Number 7 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	1.40 ug/ml	85324	IS3_Phenanthrene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	78
2	Dodecanoic acid	200	C12H24O2	000143-07-7	64
3	Heptanoic acid	130	C7H14O2	000111-14-8	22
4	Undecane	156	C11H24	001120-21-4	18
5	Undecane	156	C11H24	001120-21-4	11





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Acq On : 24 Sep 2020 2:17 pm
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Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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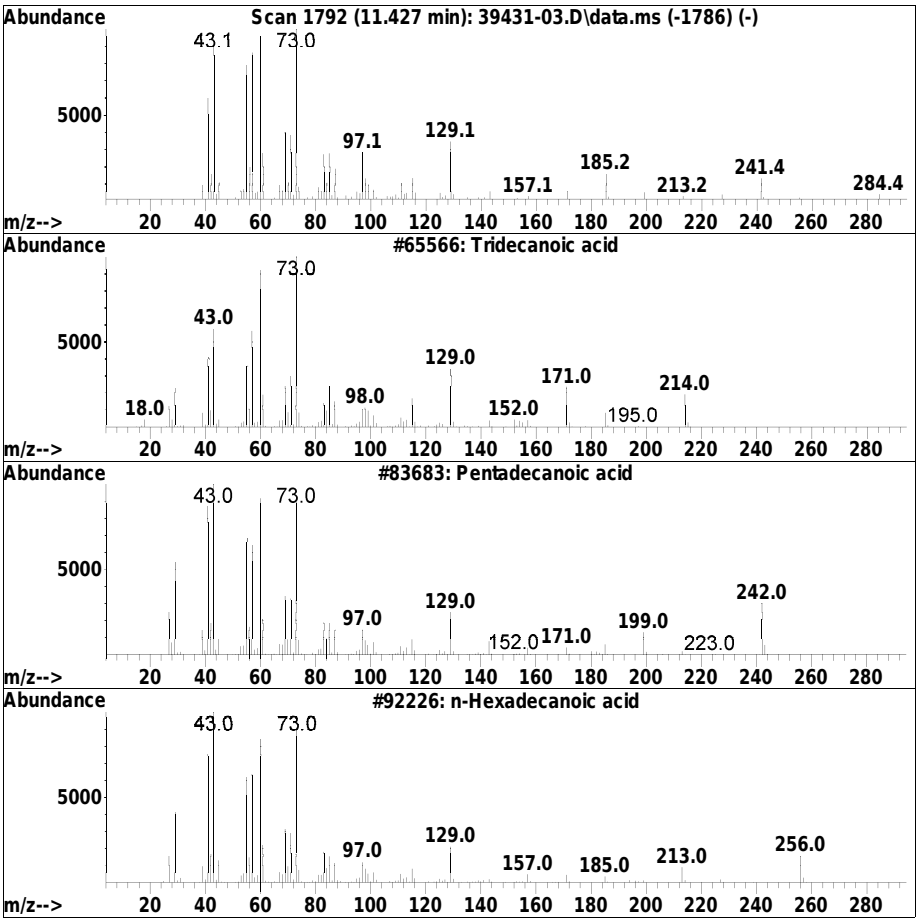
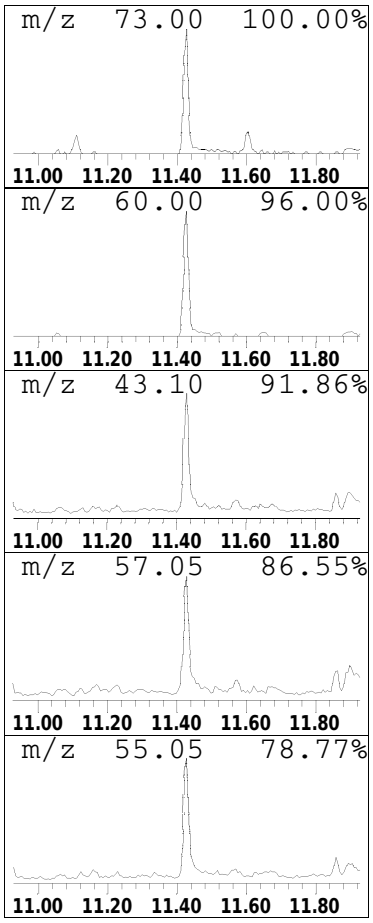
Peak Number 8 Unknown Organic Acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.427	1.66 ug/ml	110026	IS1_Chrysene-d12	12.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	87
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	11
5	1-(6-Chloro-2-thioxo-2,3-dihydro...	255	C11H10ClNO2S	031315-64-7	11





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Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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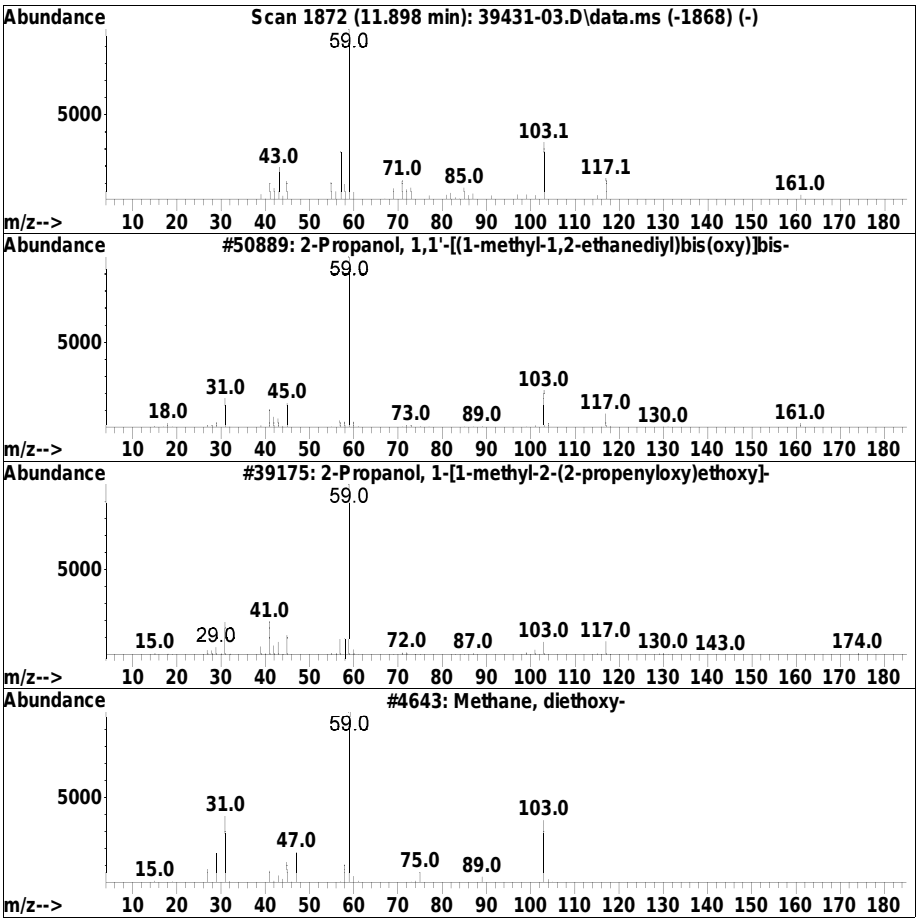
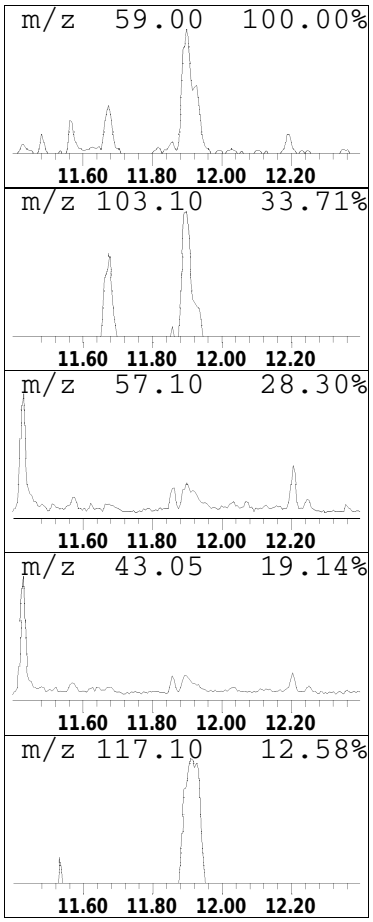
Peak Number 9 Unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	0.81 ug/ml	53347	IS1_Chrysene-d12	12.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	64
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	59
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	59
4	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	50
5	Propane, 1,1-diethoxy-	132	C7H16O2	004744-08-5	45





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Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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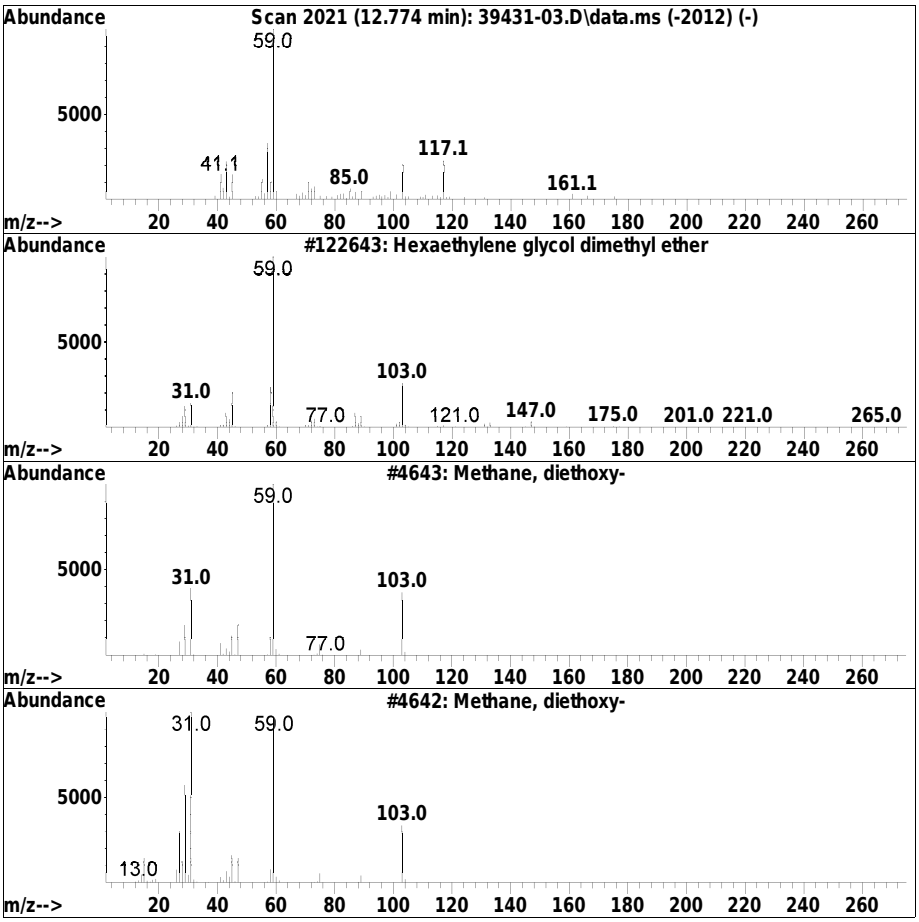
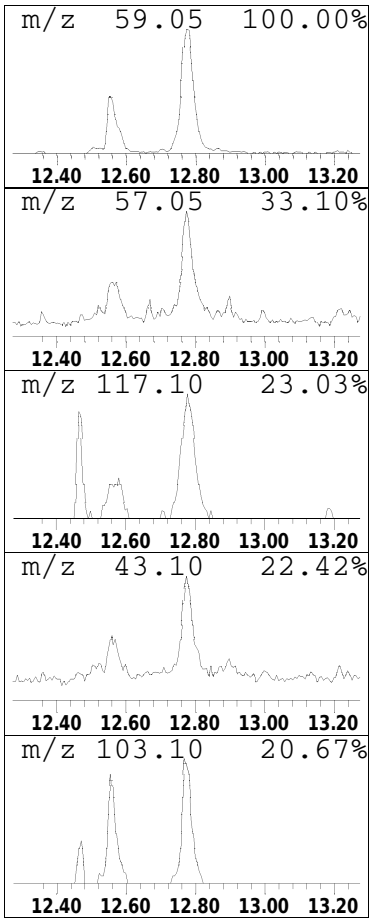
Peak Number 10 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.774	1.79 ug/ml	118349	IS1_Chrysene-d12	12.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	53
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	50
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	50
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	50
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	47





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Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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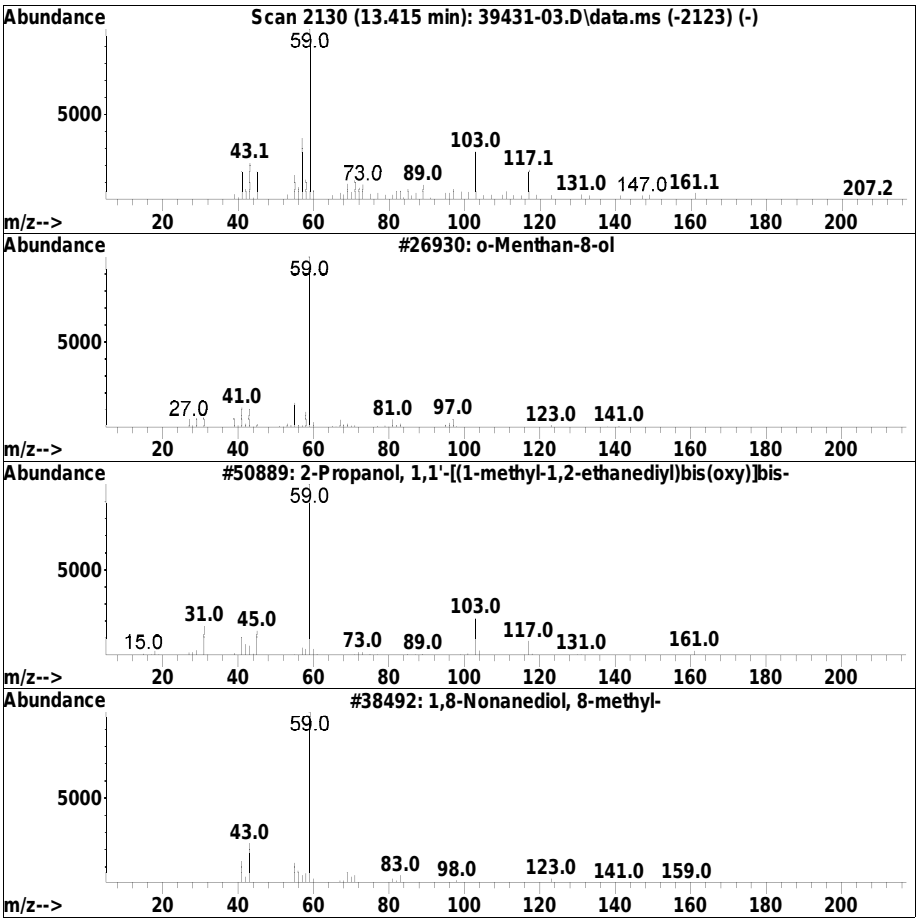
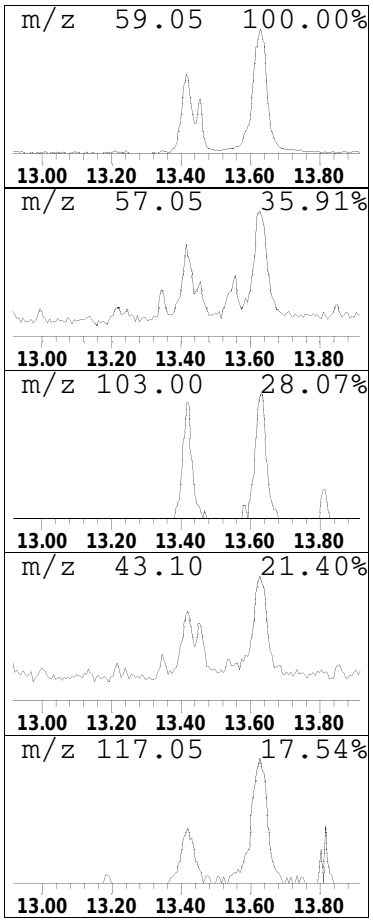
Peak Number 11 Unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.416	1.04 ug/ml	68514	IS1_Perylene-d12	13.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Menthan-8-ol	156	C10H20O	343855-44-7	50
2	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	45
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	43
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
5	Butanamide	87	C4H9NO	000541-35-5	43





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Acq On : 24 Sep 2020 2:17 pm
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Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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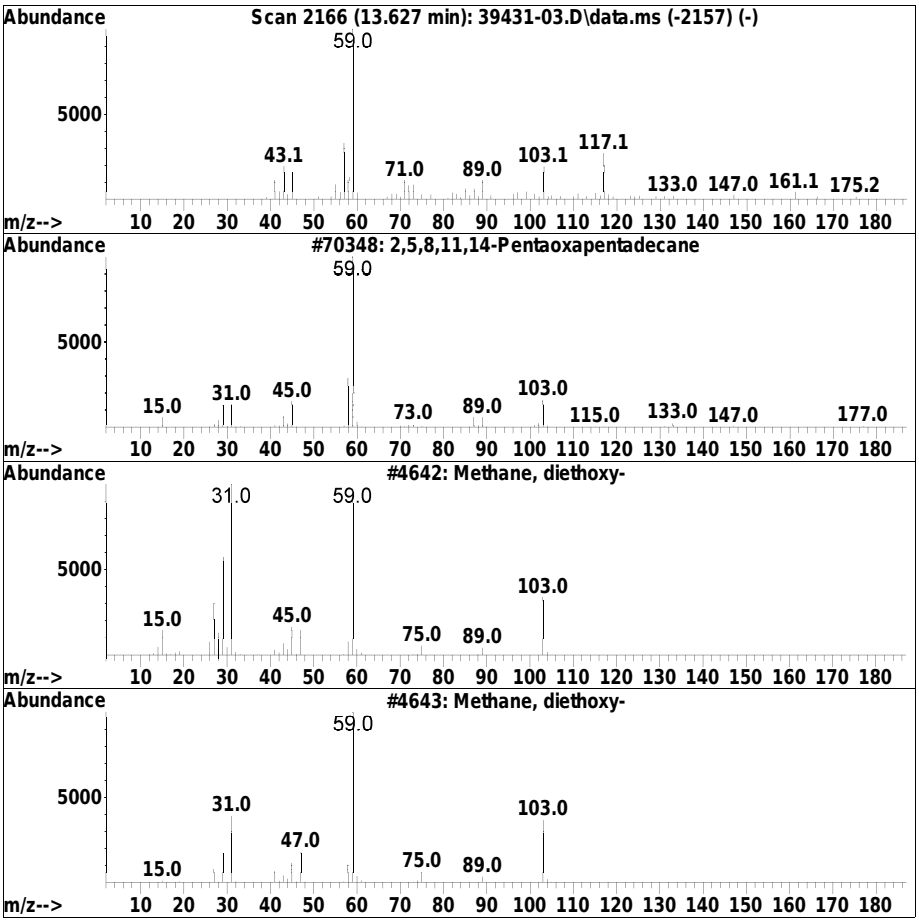
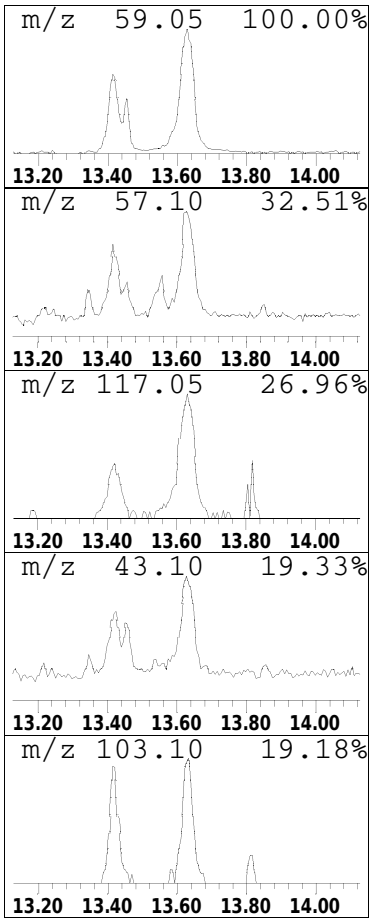
Peak Number 12 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.627	2.15 ug/ml	142116	IS1_Perylene-d12	13.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	53
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	52
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	52
4	Dipropylene glycol	134	C6H14O3	025265-71-8	50
5	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	47





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Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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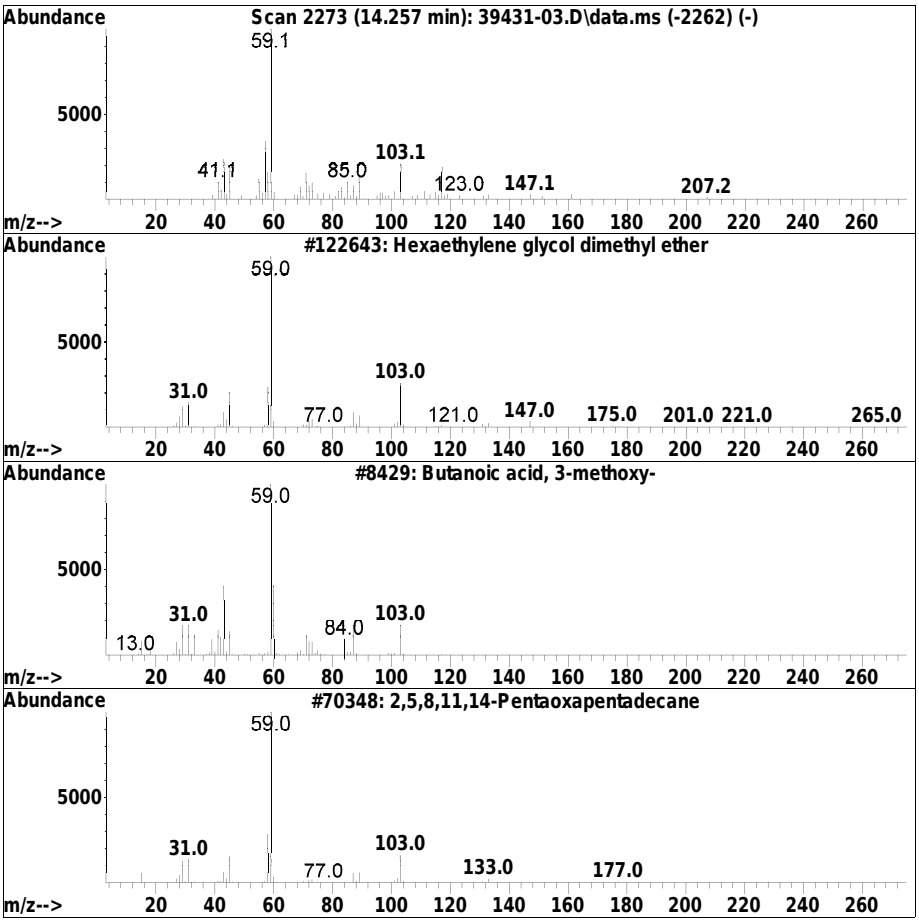
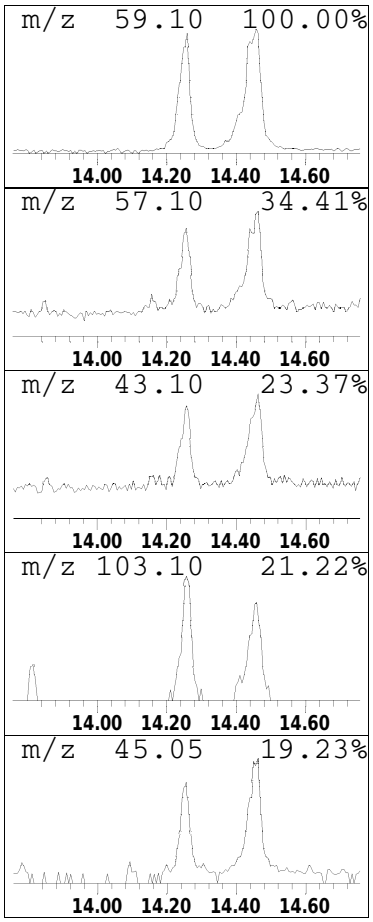
Peak Number 13 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	1.25 ug/ml	82711	IS1_Perylene-d12	13.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	64
2	Butanoic acid, 3-methoxy-	118	C5H10O3	010024-70-1	53
3	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	53
4	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	50
5	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	50





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Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

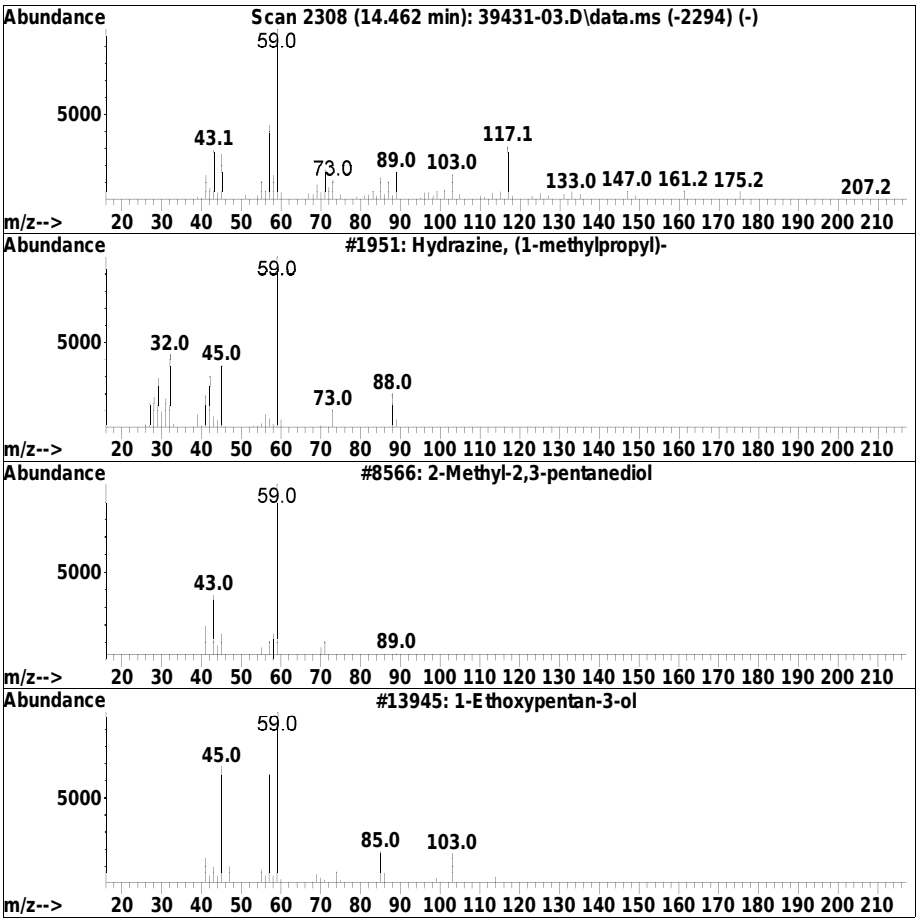
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

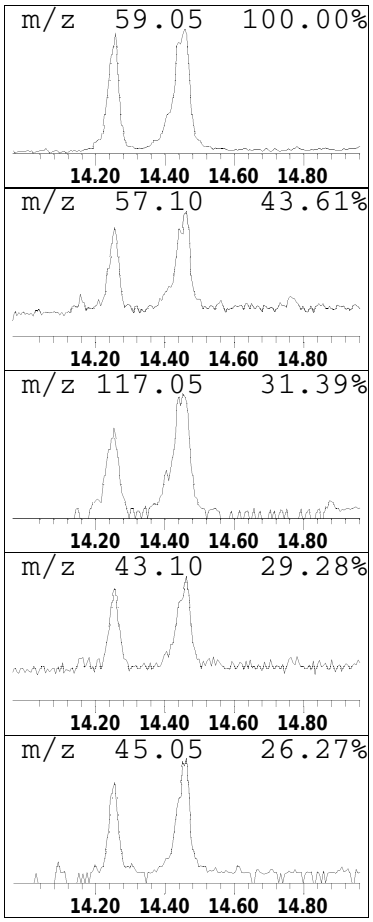
****

Peak Number 14 Unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	1.57 ug/ml	103863	IS1_Perylene-d12	13.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, (1-methylpropyl)-	88	C4H12N2	030924-14-2	47
2	2-Methyl-2,3-pentanediol	118	C6H14O2	007795-80-4	47
3	1-Ethoxypentan-3-ol	132	C7H16O2	100910-92-7	47
4	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	47
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	47





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-03.D
Acq On : 24 Sep 2020 2:17 pm
Operator : SV107:wr
Sample : L2039431-03,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

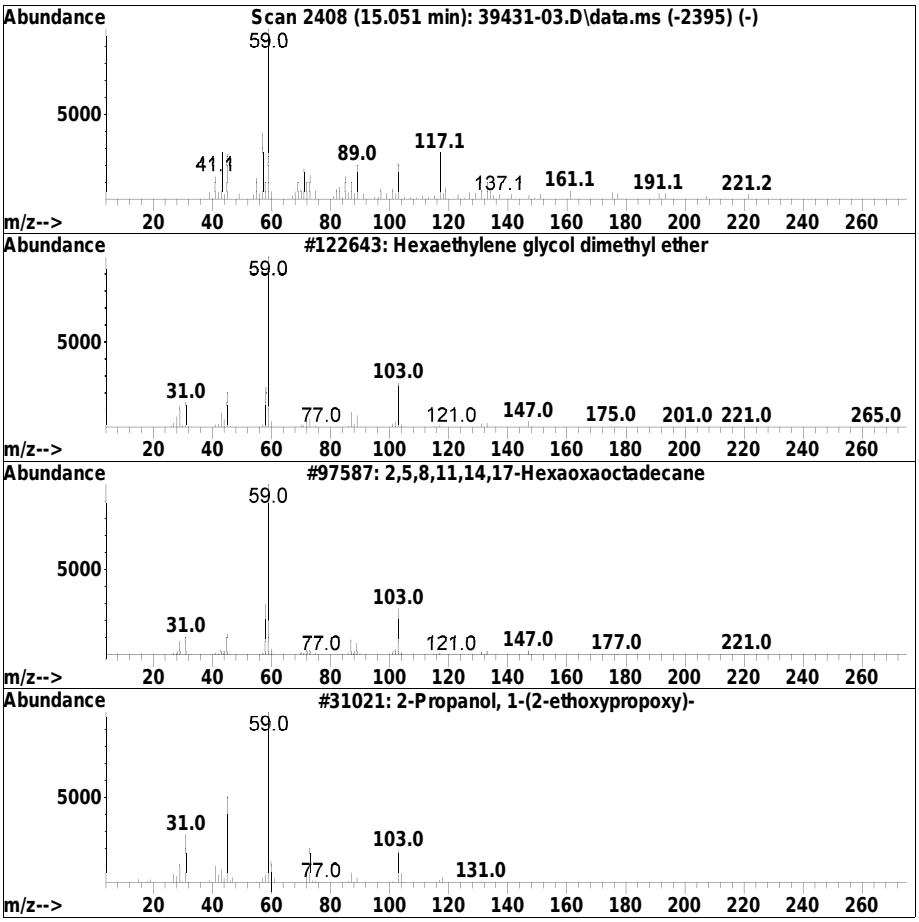
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

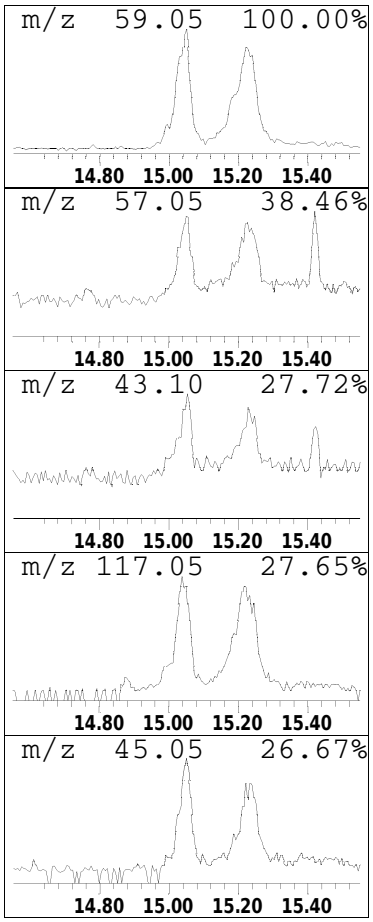
****

Peak Number 15 Unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.051	1.33 ug/ml	87730	IS1_Perylene-d12	13.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	50
2	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	47
3	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	42
4	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	42
5	2,5,8,11-Tetraoxatetradecan-13-o...	264	C13H28O5	020324-34-9	40





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-03.D
Acq On : 24 Sep 2020 2:17 pm
Operator : SV107:wr
Sample : L2039431-03,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

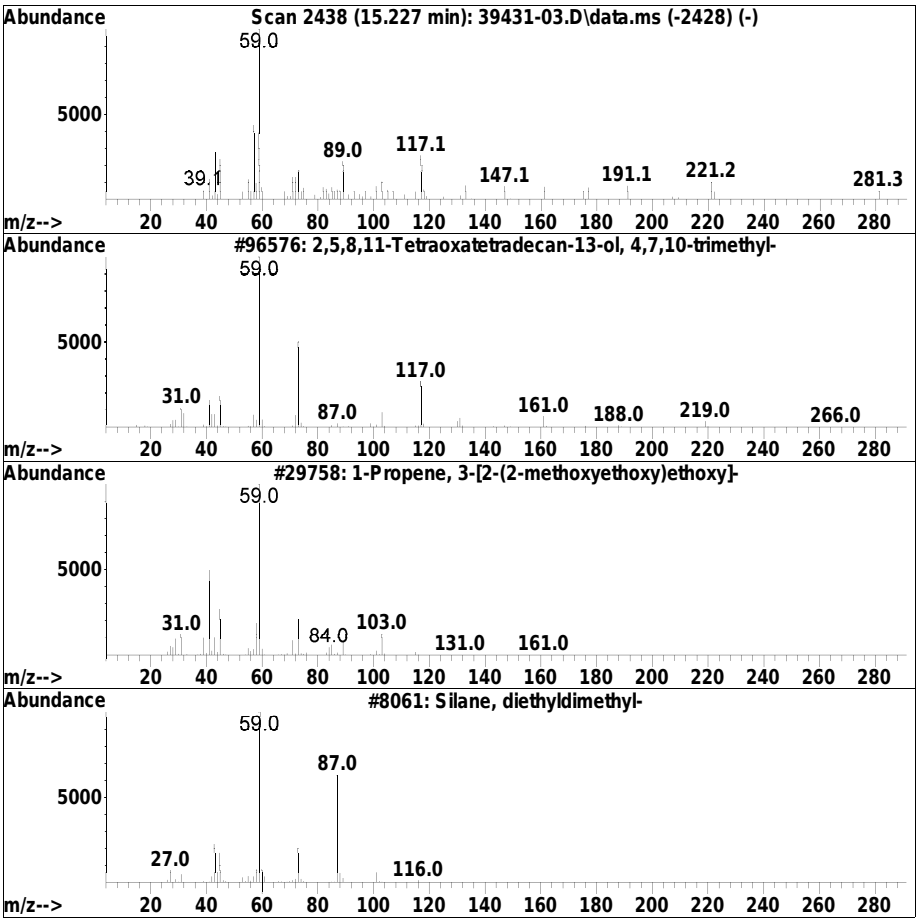
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

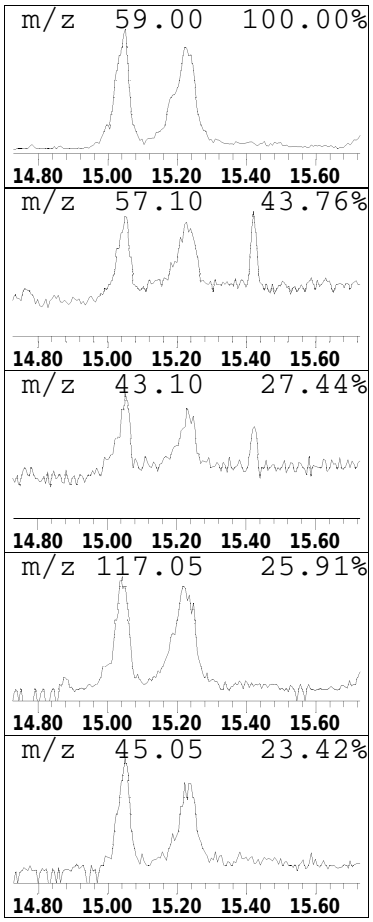
****

Peak Number 16 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	1.25 ug/ml	82887	IS1_Perylene-d12	13.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11-Tetraoxatetradecan-13-o...	264	C13H28O5	020324-34-9	42
2	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	40
3	Silane, diethyldimethyl-	116	C6H16Si	000756-81-0	37
4	d-Threo-O-methylthreonine	133	C5H11NO3	1000214-70-6	37
5	Silane, octyl-	144	C8H20Si	000871-92-1	35





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-03.D
Acq On : 24 Sep 2020 2:17 pm
Operator : SV107:wr
Sample : L2039431-03,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.352	1.2	ug/ml	45746	1	5.122	146402	4.0
Unknown Alkane	6.963	1.1	ug/ml	54312	5	6.792	197329	4.0
Unknown	7.269	0.8	ug/ml	40852	5	6.792	197329	4.0
Unknown Alkane	8.157	1.2	ug/ml	67678	6	8.569	221718	4.0
Unknown Alkane	9.157	0.7	ug/ml	37750	8	8.569	221718	4.0
Unknown	10.669	1.4	ug/ml	85324	11	9.969	244180	4.0
Unknown Organic...	11.427	1.7	ug/ml	110026	12	12.469	264503	4.0
Unknown	11.898	0.8	ug/ml	53347	12	12.469	264503	4.0
Unknown	12.774	1.8	ug/ml	118349	12	12.469	264503	4.0
Unknown	13.416	1.0	ug/ml	68514	13	13.816	264355	4.0
Unknown	13.627	2.2	ug/ml	142116	13	13.816	264355	4.0
Unknown	14.257	1.3	ug/ml	82711	13	13.816	264355	4.0
Unknown	14.463	1.6	ug/ml	103863	13	13.816	264355	4.0
Unknown	15.051	1.3	ug/ml	87730	13	13.816	264355	4.0
Unknown	15.227	1.3	ug/ml	82887	13	13.816	264355	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 24 15:04:17 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 15:04:07 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.122	150	37700	4.000	ug/ml		0.00
Standard Area 1 = 38438			Recovery = 98.08%				
27) IS2_1,4-Dichlorobenzen...	5.122	150	37700	4.000	ug/ml		0.00
Standard Area 3 = 36940			Recovery = 102.06%				
34) IS1_Naphthalene-d8	6.792	136	97111	4.000	ug/ml		0.00
Standard Area 1 = 94578			Recovery = 102.68%				
54) IS2_Naphthalene-d8	6.792	136	97111	4.000	ug/ml		0.00
Standard Area 3 = 93354			Recovery = 104.02%				
62) IS1_Acenaphthene-d10	8.569	164	51001	4.000	ug/ml		0.00
Standard Area 1 = 46874			Recovery = 108.80%				
85) IS3_Acenaphthene-d10	8.569	164	51001	4.000	ug/ml		0.00
Standard Area 2 = 45992			Recovery = 110.89%				
87) IS1_Phenanthrene-d10	9.969	188	94083	4.000	ug/ml	#	0.00
Standard Area 1 = 95146			Recovery = 98.88%				
103) IS1_Chrysene-d12	12.468	240	80958	4.000	ug/ml	#	0.00
Standard Area 1 = 83481			Recovery = 96.98%				
112) IS1_Perylene-d12	13.810	264	76465	4.000	ug/ml		0.00
Standard Area 1 = 76625			Recovery = 99.79%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.251	112	25569	3.923	ug/ml		0.02
Spiked Amount 5.000	Range 15 - 110		Recovery. = 78.46%				
7) Phenol-d6	4.716	99	28493	3.465	ug/ml		0.01
Spiked Amount 5.000	Range 15 - 110		Recovery. = 69.30%				
19) Nitrobenzene-d5	5.969	82	16164	2.181	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 87.24%				
45) 2-Fluorobiphenyl	7.969	172	31588	1.859	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 74.36%				
78) 2,4,6-Tribromophenol	9.327	330	6463	3.314	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery. = 66.28%				
95) 4-Terphenyl-d14	11.539	244	35272	1.858	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 74.32%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 24 15:04:17 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 15:04:07 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0		N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0		N.D.	
20) Nitrobenzene	0.000		0		N.D.	
21) Isophorone	0.000		0		N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0		N.D.	
28) Benzaldehyde	0.000		0		N.D.	
29) Acetophenone	0.000		0		N.D.	
35) Naphthalene	0.000		0		N.D.	
37) 4-Chloroaniline	0.000		0		N.D.	
40) 2-Methylnaphthalene	0.000		0		N.D.	
42) Hexachlorocyclopentadiene	0.000		0		N.D.	
46) 2-Chloronaphthalene	0.000		0		N.D.	
47) 2-Nitroaniline	0.000		0		N.D.	
50) Dimethyl phthalate	0.000		0		N.D.	
51) Acenaphthylene	0.000		0		N.D.	
52) 2,6-Dinitrotoluene	0.000		0		N.D.	
59) Caprolactam	0.000		0		N.D.	
60) 1,2,4,5-Tetrachloroben...	0.000		0		N.D.	
61) Biphenyl	0.000		0		N.D.	
63) 3-Nitroaniline	0.000		0		N.D.	
64) Acenaphthene	0.000		0		N.D.	
66) Dibenzofuran	0.000		0		N.D.	
67) 2,4-Dinitrotoluene	0.000		0		N.D.	
71) Diethyl phthalate	0.000		0		N.D.	
72) Fluorene	0.000		0		N.D.	
73) 4-Chlorophenyl phenyl ...	0.000		0		N.D.	
74) 4-Nitroaniline	0.000		0		N.D.	
76) NDPA/DPA	0.000		0		N.D.	
79) 4-Bromophenyl phenyl e...	0.000		0		N.D.	
86) Atrazine	0.000		0		N.D.	
88) Phenanthrene	0.000		0		N.D.	
89) Anthracene	0.000		0		N.D.	
90) Carbazole	0.000		0		N.D.	
91) Di-n-butylphthalate	0.000		0		N.D.	
92) Fluoranthene	0.000		0		N.D.	
94) Pyrene	0.000		0		N.D.	
96) Butyl benzyl phthalate	0.000		0		N.D.	

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 24 15:04:17 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 15:04:07 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0		N.D.	
106) Chrysene	0.000		0		N.D.	
107) Bis(2-ethylhexyl)phtha...	0.000		0		N.D.	
108) Di-n-octylphthalate	0.000		0		N.D.	
115) Benzo(ghi)perylene	0.000		0		N.D.	

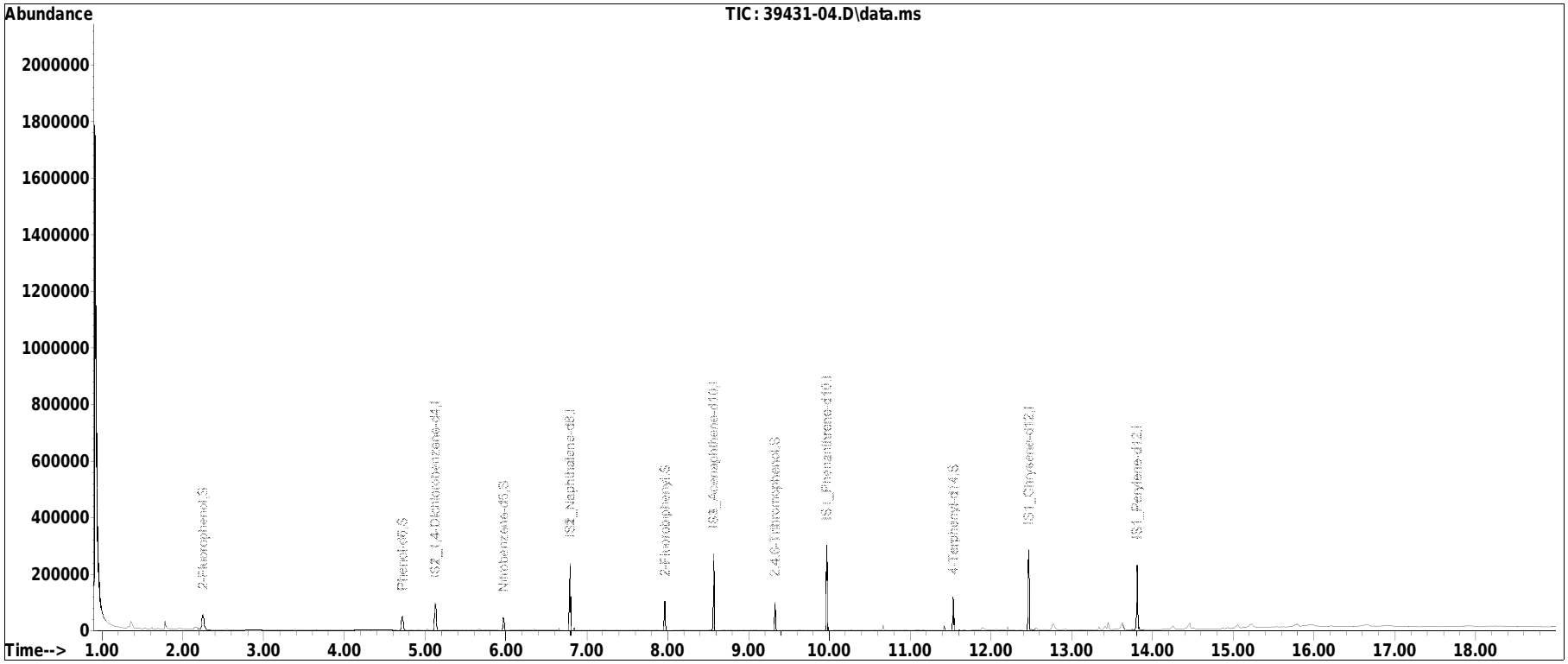
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 24 15:04:17 2020
Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 15:04:07 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional924.D•



Manual Integration/Negative Proof Report

Data Path	: I:\8270\SV107\200924lvi\	QMethod	: FS200712SV107.m
Data File	: 39431-04.D	Operator	: SV107:wr
Date Inj'd	: 9/24/2020 2:43 pm	Instrument	: SV 107
Sample	: L2039431-04,32,,DW	Quant Date	: 9/24/2020 3:04 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 39431-04.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.322	71	74	77	rBV2	6760	10322	3.99%	0.395%
2	1.357	77	80	88	rVB	24063	41877	16.19%	1.604%
3	1.616	121	124	130	rVB2	5418	7703	2.98%	0.295%
4	1.687	131	136	148	rVV7	3400	11254	4.35%	0.431%
5	1.775	148	151	168	rVB	28800	51553	19.93%	1.975%
6	1.957	176	182	184	rBV5	1699	3417	1.32%	0.131%
7	2.151	210	215	224	rBV2	7654	26811	10.37%	1.027%
8	2.251	226	232	241	rVB	53873	106758	41.27%	4.089%
9	2.546	279	282	287	rVB5	1702	3029	1.17%	0.116%
10	3.028	357	364	372	rBV5	1441	3967	1.53%	0.152%
11	3.387	419	425	437	rBV2	2378	7310	2.83%	0.280%
12	3.798	489	495	497	rBV4	832	1256	0.49%	0.048%
13	3.951	515	521	531	rVB7	2253	6446	2.49%	0.247%
14	4.622	630	635	636	rBV3	586	1035	0.40%	0.040%
15	4.716	643	651	662	rBV	50223	80482	31.11%	3.083%
16	4.822	665	669	675	rVB3	2012	3169	1.23%	0.121%
17	4.910	682	684	696	rVB2	3456	6652	2.57%	0.255%
18	5.028	699	704	713	rVV	6391	9551	3.69%	0.366%
19	5.122	713	720	728	rVB	95919	147985	57.21%	5.668%
20	5.245	736	741	746	rBV5	677	1413	0.55%	0.054%
21	5.451	773	776	780	rBV3	1448	1779	0.69%	0.068%
22	5.504	780	785	789	rVV5	663	1089	0.42%	0.042%
23	5.557	792	794	799	rVV4	1202	1515	0.59%	0.058%
24	5.651	803	810	820	rBV3	4453	9864	3.81%	0.378%
25	5.969	859	864	873	rVB	45170	47339	18.30%	1.813%
26	6.098	879	886	889	rBV4	689	1223	0.47%	0.047%
27	6.228	904	908	910	rVB3	1139	1461	0.56%	0.056%
28	6.339	922	927	931	rBV3	2994	2916	1.13%	0.112%

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	6.651	973	980	984	rBV	6822	7187	2.78%	0.275%
30	6.792	997	1004	1010	rVB	238135	202732	78.38%	7.765%
31	6.845	1010	1013	1019	rBV	9675	8333	3.22%	0.319%
32	7.204	1070	1074	1077	rBV3	948	1214	0.47%	0.046%
33	7.233	1077	1079	1086	rVB3	1262	1395	0.54%	0.053%
34	7.375	1098	1103	1108	rBV5	1020	1405	0.54%	0.054%
35	7.628	1141	1146	1151	rVB2	1307	1749	0.68%	0.067%
36	7.863	1182	1186	1189	rVB2	1011	1010	0.39%	0.039%
37	7.933	1194	1198	1200	rVV2	1470	1174	0.45%	0.045%
38	7.963	1200	1203	1213	rVV	105505	95241	36.82%	3.648%
39	8.045	1215	1217	1222	rVB3	724	1043	0.40%	0.040%
40	8.192	1238	1242	1246	rVB2	2361	2210	0.85%	0.085%
41	8.522	1293	1298	1299	rBV3	1662	1654	0.64%	0.063%
42	8.569	1302	1306	1311	rVB	270391	231535	89.51%	8.868%
43	8.704	1324	1329	1335	rBV2	1368	2222	0.86%	0.085%
44	8.786	1337	1343	1348	rVB2	2274	2290	0.89%	0.088%
45	8.945	1366	1370	1376	rVB4	1389	1714	0.66%	0.066%
46	9.022	1380	1383	1386	rBV3	952	1070	0.41%	0.041%
47	9.092	1392	1395	1398	rBV	2045	1968	0.76%	0.075%
48	9.151	1403	1405	1409	rVB2	913	1029	0.40%	0.039%
49	9.216	1409	1416	1419	rBV4	621	1015	0.39%	0.039%
50	9.327	1423	1435	1442	rBV	100682	79422	30.70%	3.042%
51	9.622	1481	1485	1492	rBV3	1226	1951	0.75%	0.075%
52	9.851	1518	1524	1528	rVB3	730	1365	0.53%	0.052%
53	9.898	1528	1532	1538	rBV2	617	1006	0.39%	0.039%
54	9.969	1538	1544	1551	rVV	300356	245320	94.84%	9.396%
55	10.274	1592	1596	1603	rVB4	1657	2265	0.88%	0.087%
56	10.357	1607	1610	1616	rBV2	831	1200	0.46%	0.046%
57	10.563	1641	1645	1651	rVB3	1398	1818	0.70%	0.070%
58	10.622	1651	1655	1657	rBV2	1175	1064	0.41%	0.041%
59	10.669	1657	1663	1670	rVB4	18421	17856	6.90%	0.684%
60	10.945	1709	1710	1716	rVB3	927	1218	0.47%	0.047%

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	11.080	1727	1733	1735	rBV4	1246	1956	0.76%	0.075%
62	11.110	1735	1738	1743	rVB2	1731	1996	0.77%	0.076%
63	11.157	1743	1746	1752	rBV5	1667	2664	1.03%	0.102%
64	11.421	1786	1791	1798	rVV	17297	15077	5.83%	0.577%
65	11.533	1804	1810	1819	rBV	119563	110262	42.63%	4.223%
66	11.604	1819	1822	1827	rVB3	2504	3987	1.54%	0.153%
67	11.668	1827	1833	1840	rBV6	2326	4749	1.84%	0.182%
68	11.857	1862	1865	1867	rBV3	1793	1582	0.61%	0.061%
69	11.898	1867	1872	1885	rVB2	8963	19347	7.48%	0.741%
70	12.063	1897	1900	1904	rBV2	3319	3650	1.41%	0.140%
71	12.116	1904	1909	1915	rVB4	548	1132	0.44%	0.043%
72	12.204	1920	1924	1929	rBV	10448	11140	4.31%	0.427%
73	12.251	1929	1932	1934	rBV	1431	1157	0.45%	0.044%
74	12.468	1963	1969	1977	rBV	282882	257630	99.60%	9.867%
75	12.551	1979	1983	1997	rVB4	7187	17414	6.73%	0.667%
76	12.668	1997	2003	2006	rBV4	2473	3005	1.16%	0.115%
77	12.774	2011	2021	2034	rBV2	21009	49488	19.13%	1.895%
78	12.892	2039	2041	2043	rVV2	1936	2094	0.81%	0.080%
79	12.927	2043	2047	2051	rVB3	4181	5339	2.06%	0.204%
80	13.215	2092	2096	2102	rBV5	1472	1865	0.72%	0.071%
81	13.345	2113	2118	2123	rBV2	9918	11250	4.35%	0.431%
82	13.415	2123	2130	2133	rVV2	11655	21505	8.31%	0.824%
83	13.457	2133	2137	2144	rVV	25104	31970	12.36%	1.224%
84	13.533	2147	2150	2153	rVV3	2559	3590	1.39%	0.137%
85	13.627	2156	2166	2178	rVV3	23625	64941	25.11%	2.487%
86	13.745	2182	2186	2191	rVV4	3034	4994	1.93%	0.191%
87	13.810	2191	2197	2208	rVB	231193	258666	100.00%	9.907%
88	14.139	2248	2253	2259	rBV6	2391	4191	1.62%	0.161%
89	14.198	2261	2263	2266	rVV3	1734	2190	0.85%	0.084%
90	14.251	2266	2272	2284	rVB5	11138	27266	10.54%	1.044%
91	14.457	2293	2307	2314	rBV3	20089	56659	21.90%	2.170%

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

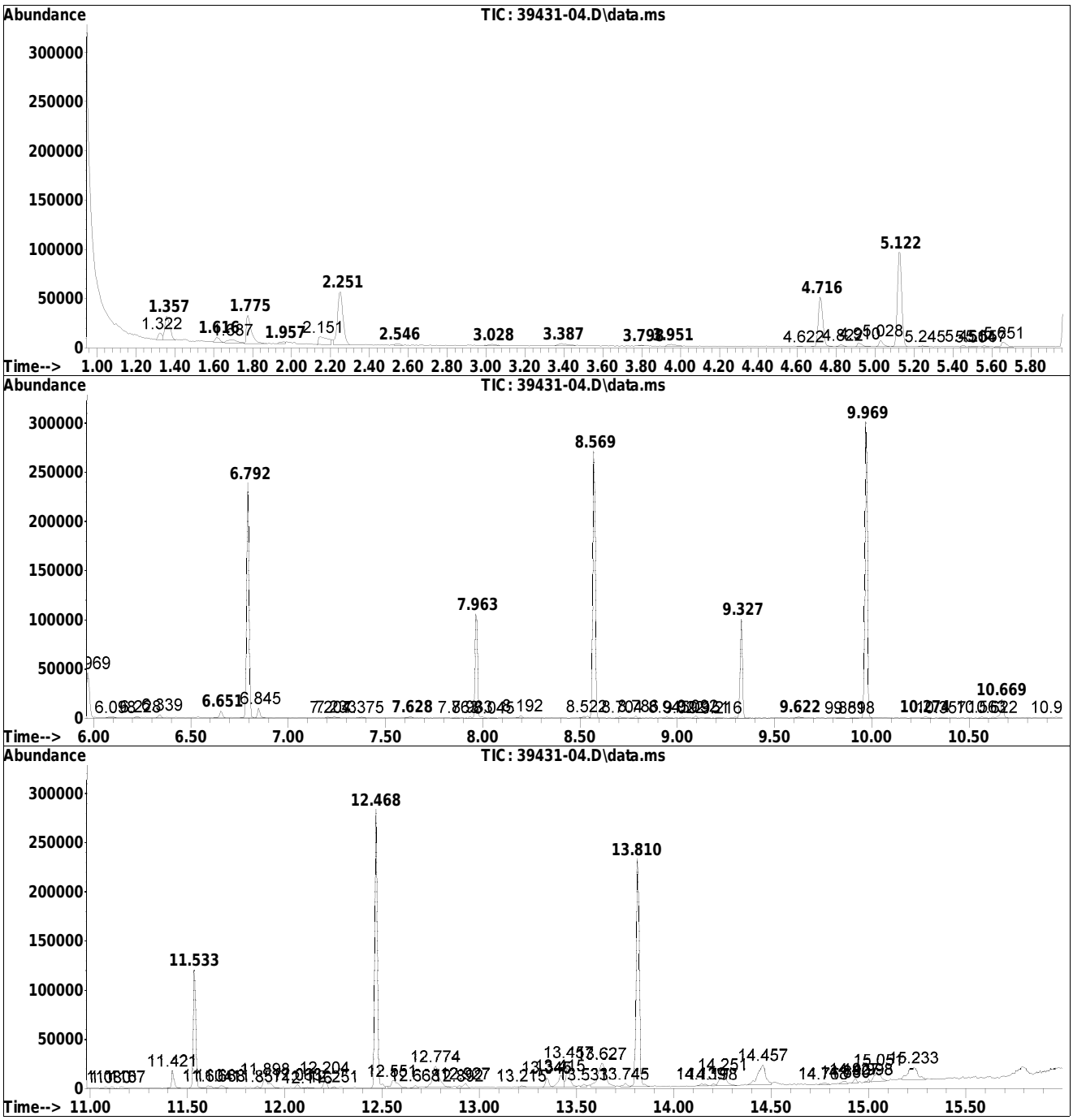
92	14.768	2355	2360	2365	rBV6	1685	4138	1.60%	0.158%
93	14.880	2373	2379	2381	rBV6	2436	4179	1.62%	0.160%
94	14.927	2384	2387	2390	rVV4	4040	4272	1.65%	0.164%
95	14.998	2394	2399	2400	rBV3	3290	2753	1.06%	0.105%
96	15.051	2401	2408	2415	rVV4	11648	25233	9.76%	0.966%
97	15.233	2428	2439	2449	rVB6	12456	44747	17.30%	1.714%

Sum of corrected areas: 2610929

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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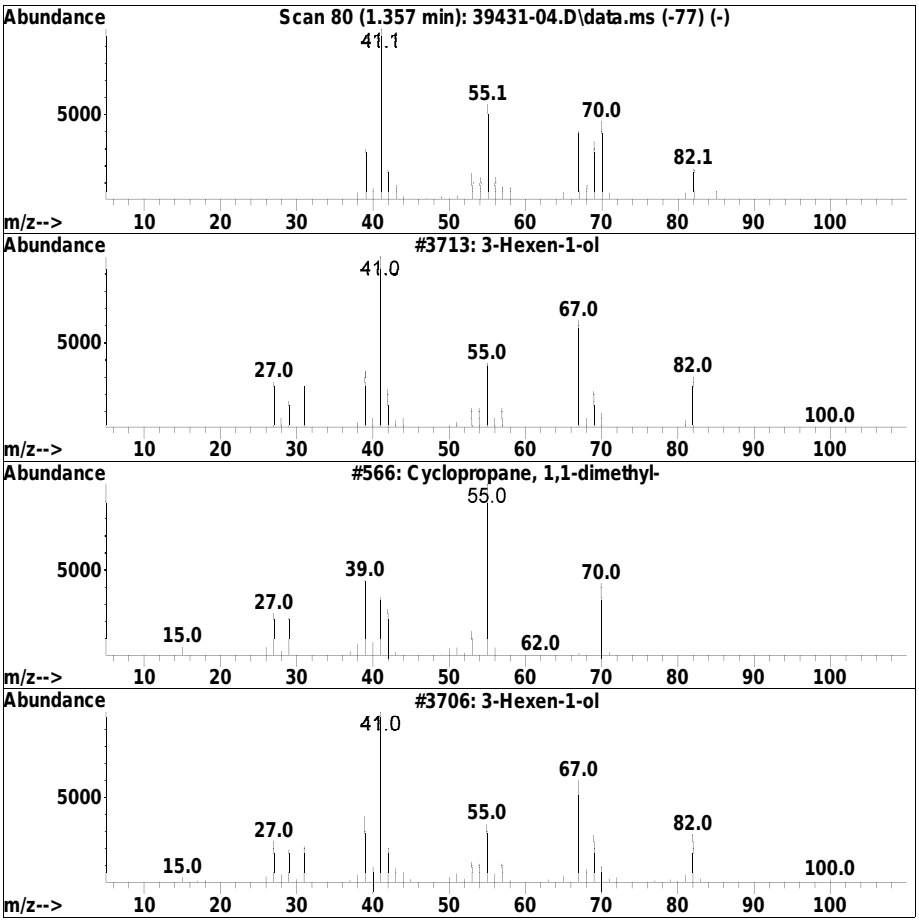
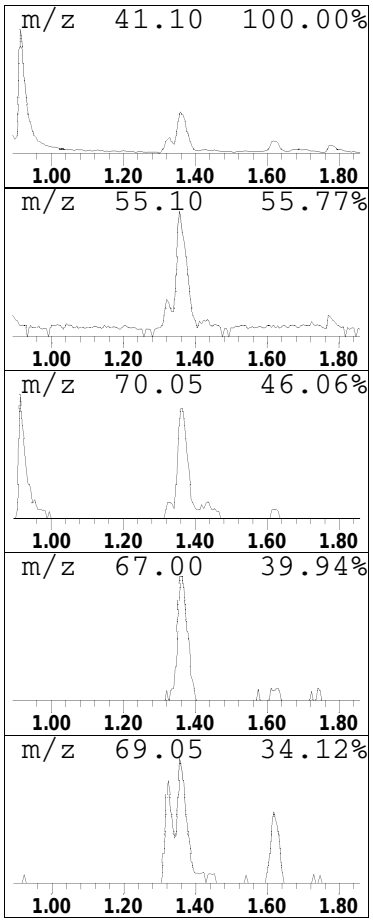
Peak Number 1 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.357	1.13 ug/ml	41877	IS2_1,4-Dichlorobenzene-d4	5.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol	100	C6H12O	000544-12-7	47
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	43
3	3-Hexen-1-ol	100	C6H12O	000544-12-7	43
4	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	43
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	35





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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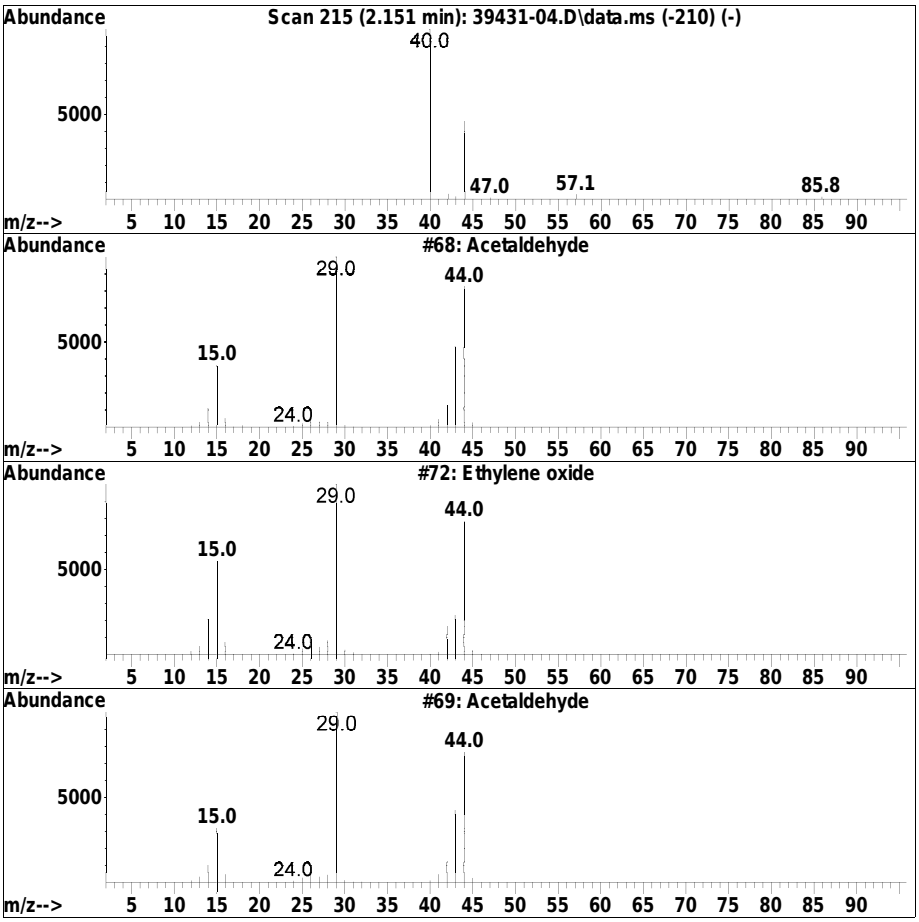
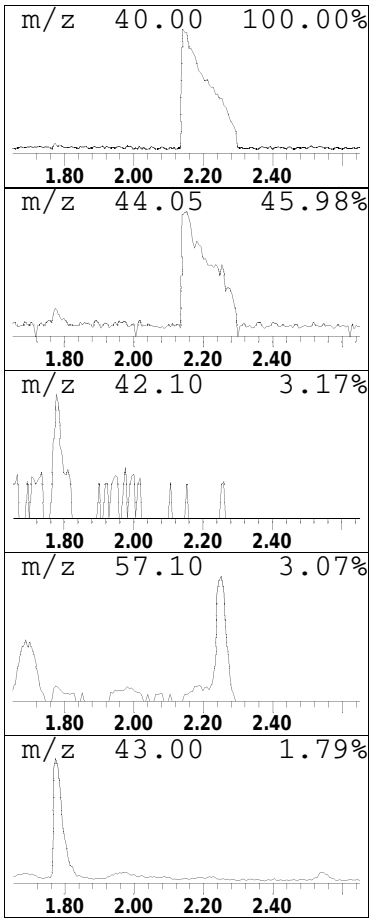
Peak Number 3 Unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.151	0.72 ug/ml	26811	IS2_1,4-Dichlorobenzene-d4	5.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	2
2	Ethylene oxide	44	C2H4O	000075-21-8	2
3	Acetaldehyde	44	C2H4O	000075-07-0	2
4	Ethylene oxide	44	C2H4O	000075-21-8	2
5	Ethylene oxide	44	C2H4O	000075-21-8	2





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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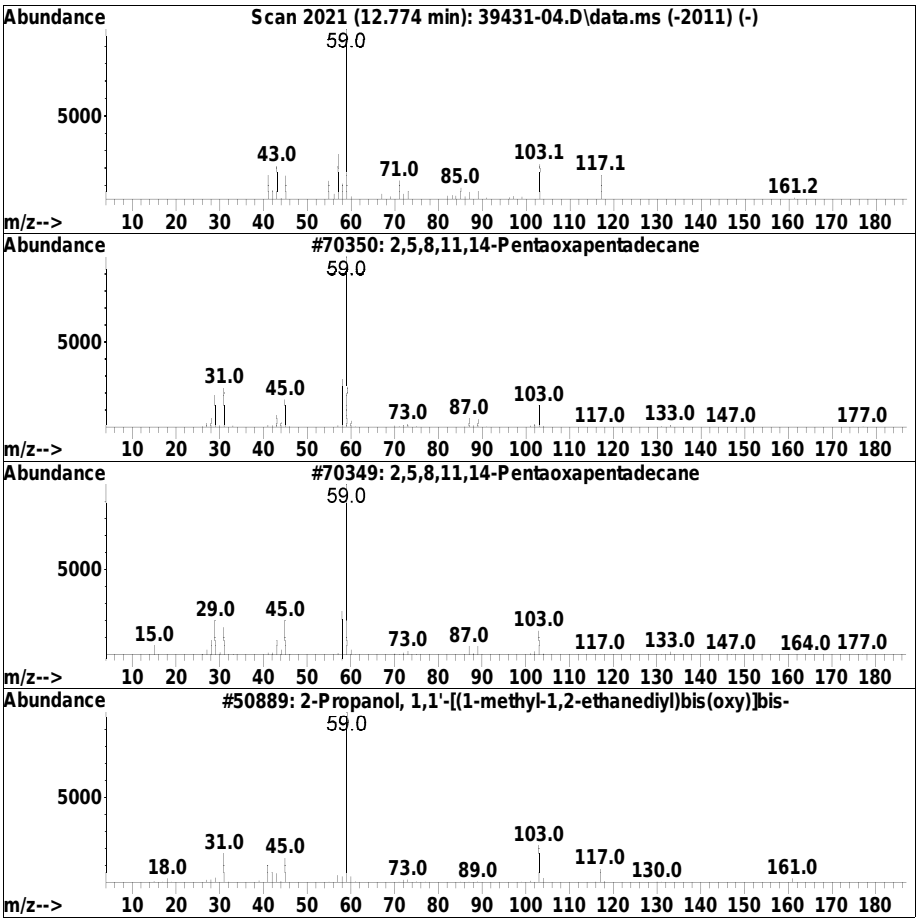
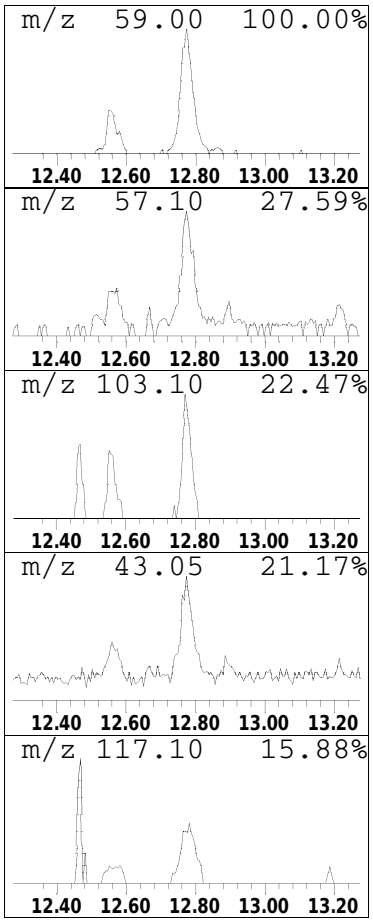
Peak Number 4 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.774	0.77 ug/ml	49488	IS1_Chrysene-d12	12.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	64
2	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	64
3	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	64
4	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	56
5	Methane, diethoxy-	104	C5H12O2	000462-95-3	53





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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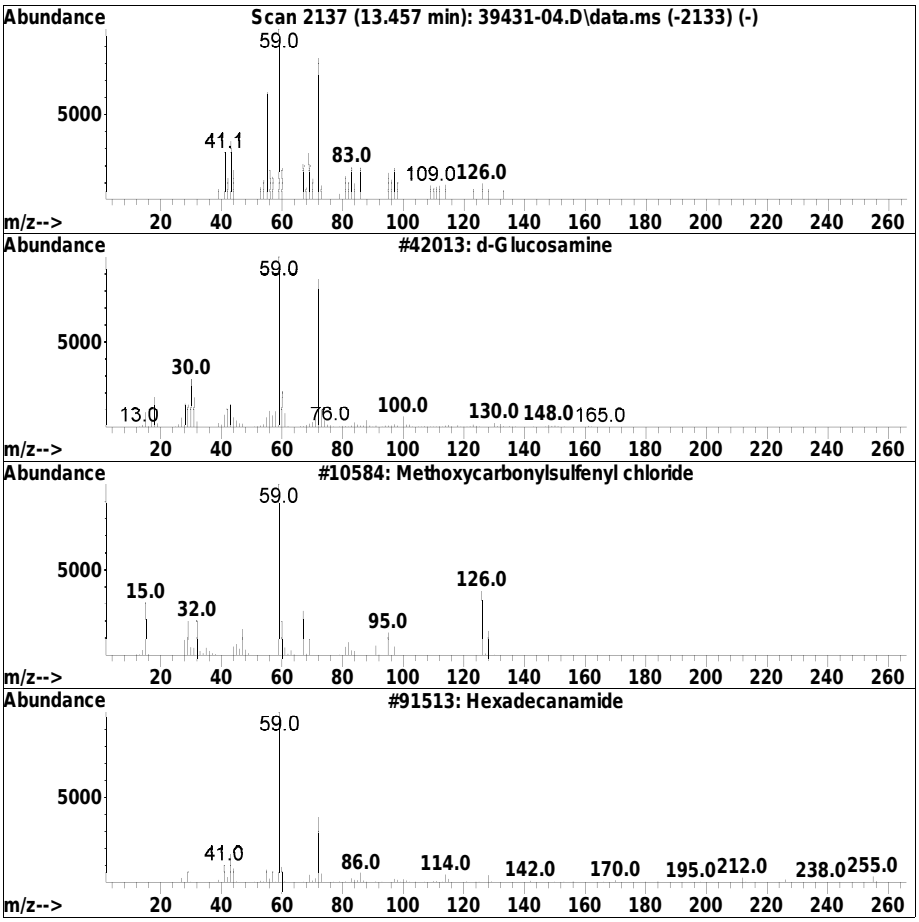
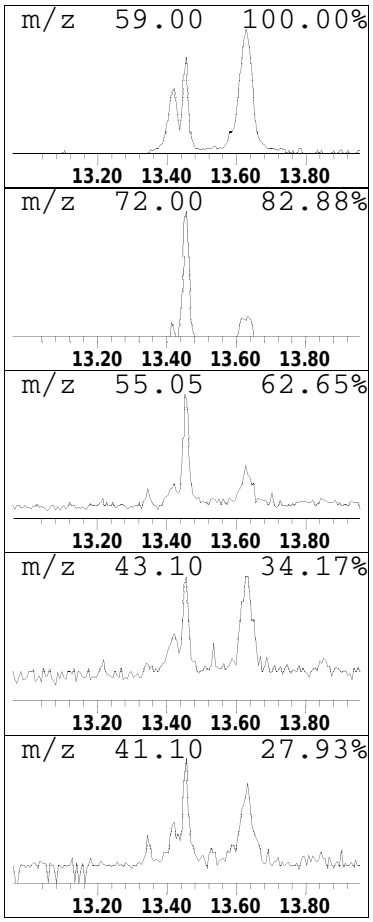
Peak Number 5 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	0.49 ug/ml	31970	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	d-Glucosamine	179	C6H13NO5	000090-77-7	40
2	Methoxycarbonylsulfenyl chloride	126	C2H3ClO2S	026555-40-8	38
3	Hexadecanamide	255	C16H33NO	000629-54-9	37
4	Cyclohexanecarboxamide	127	C7H13NO	001122-56-1	37
5	Dodecanamide	199	C12H25NO	001120-16-7	25





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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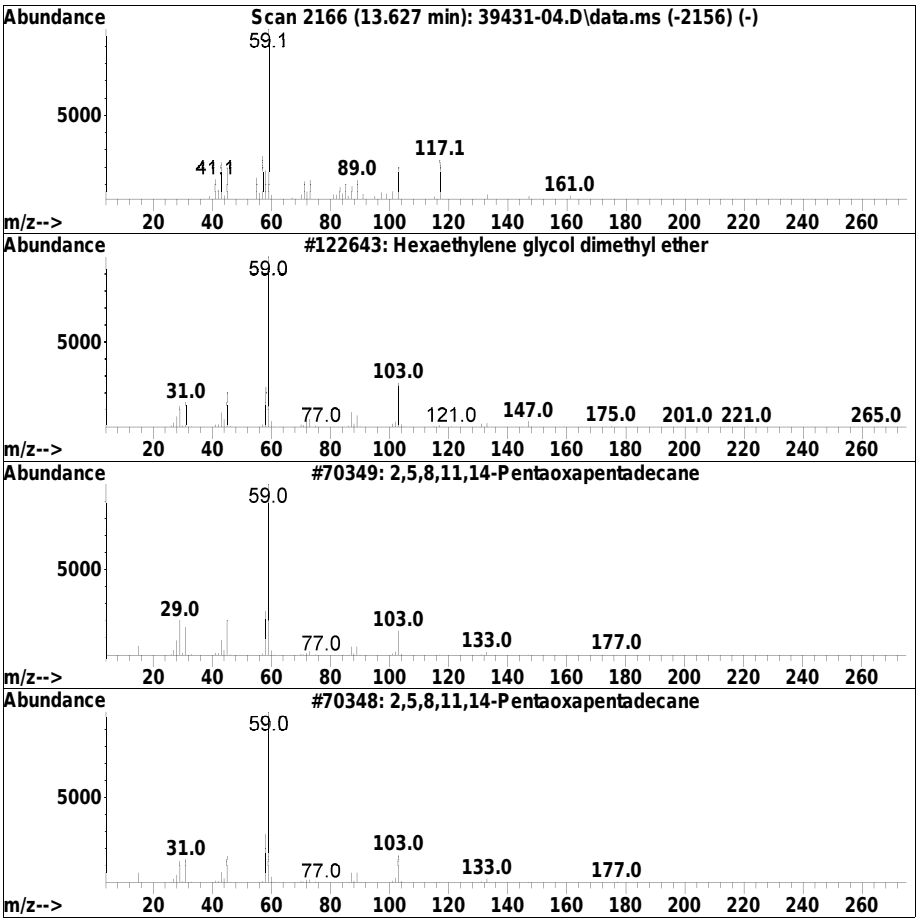
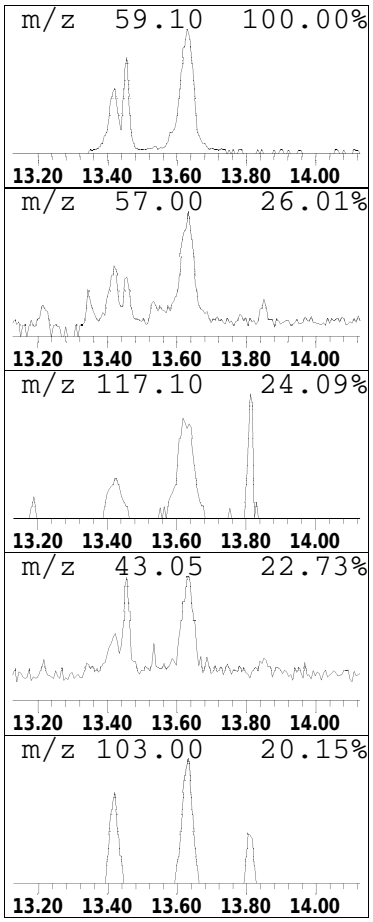
Peak Number 6 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.627	1.00 ug/ml	64941	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	53
2	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	42
3	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	42
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	42
5	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	40





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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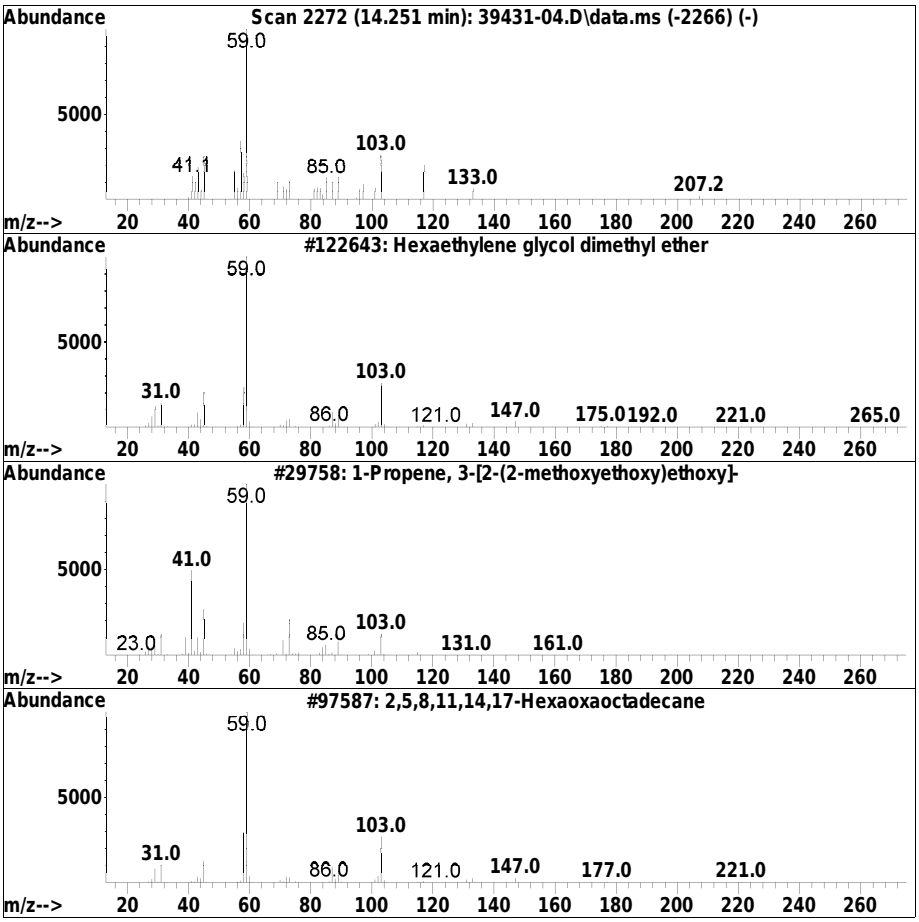
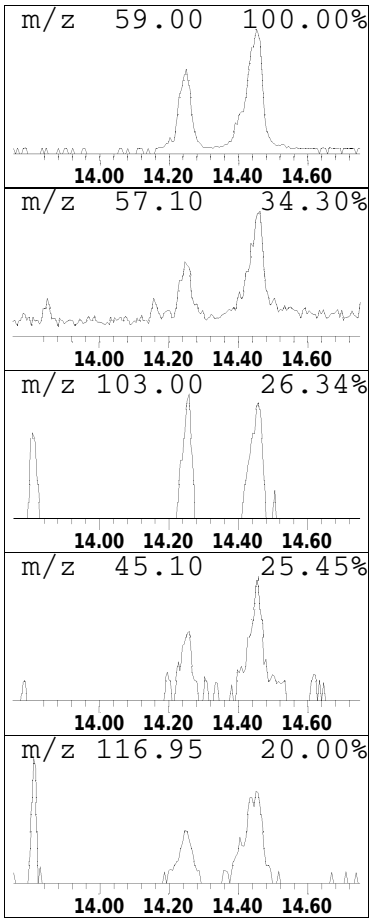
Peak Number 7 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	0.42 ug/ml	27266	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	42
2	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	42
3	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	36
4	Silane, [2-(2-methoxyethoxy)etho...	192	C8H20O3Si	062199-57-9	33
5	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	33





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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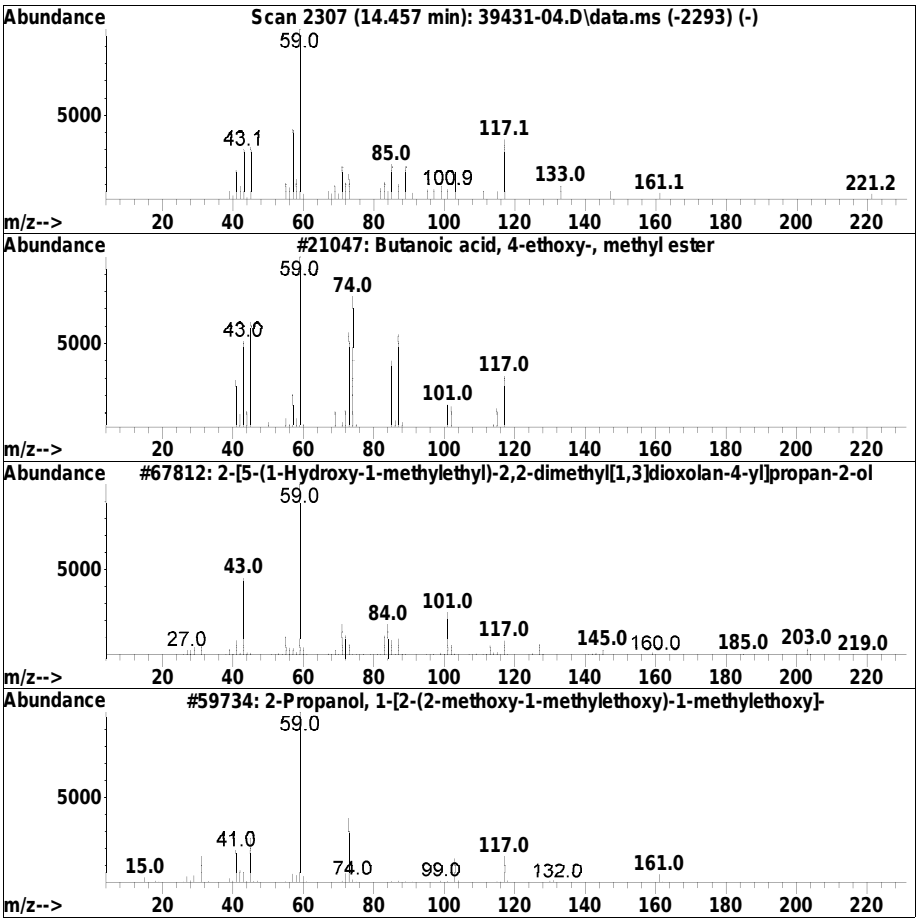
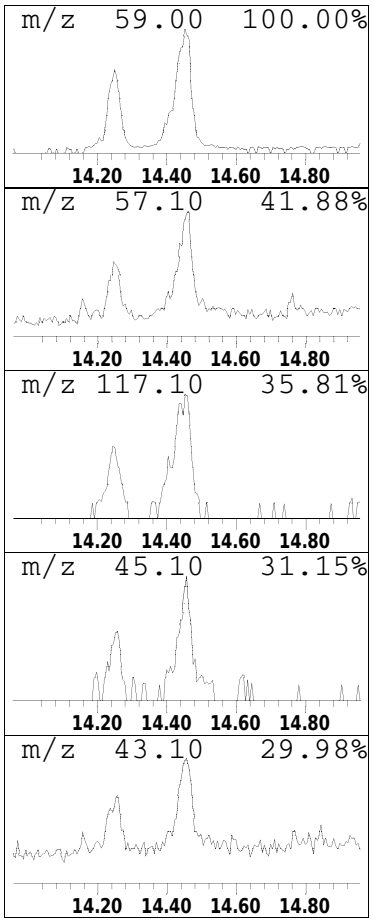
Peak Number 8 Unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	0.88 ug/ml	56659	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 4-ethoxy-, methyl...	146	C7H14O3	029006-04-0	38
2	2-[5-(1-Hydroxy-1-methylethyl)-2...	218	C11H22O4	1000190-33-6	38
3	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	38
4	3-Pentanol, 1-ethoxy-	132	C7H16O2	061184-93-8	38
5	Acetaldehyde N-formyl-N-methylhy...	100	C4H8N2O	016568-02-8	37





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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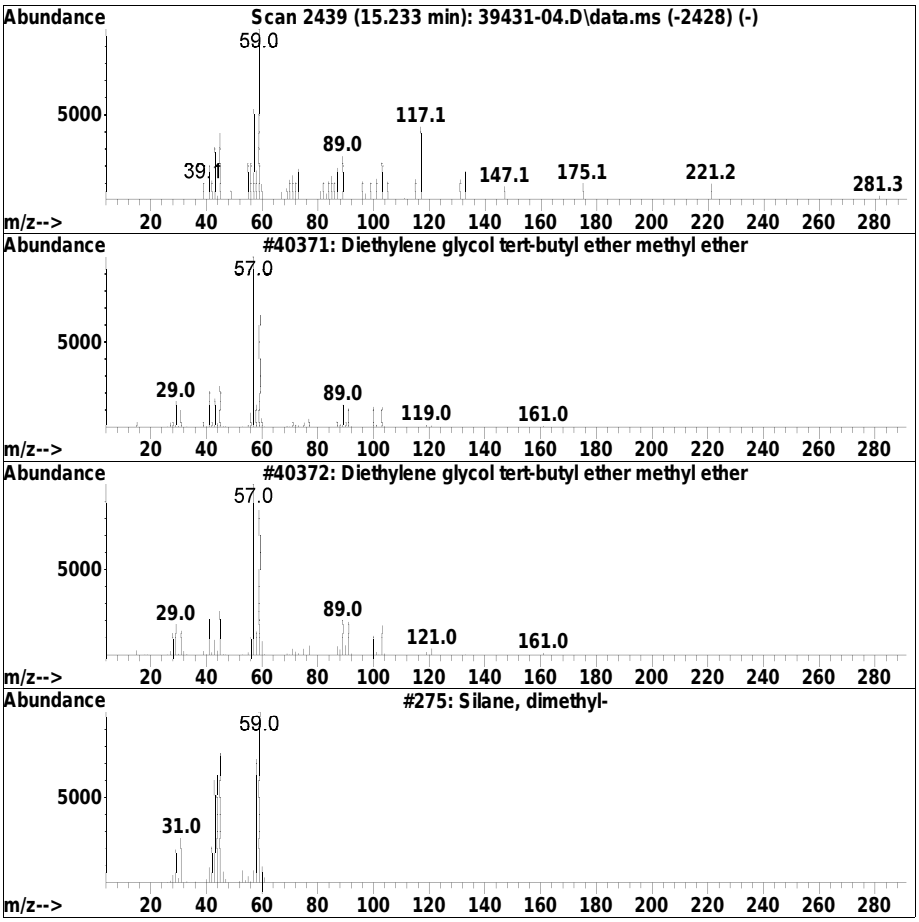
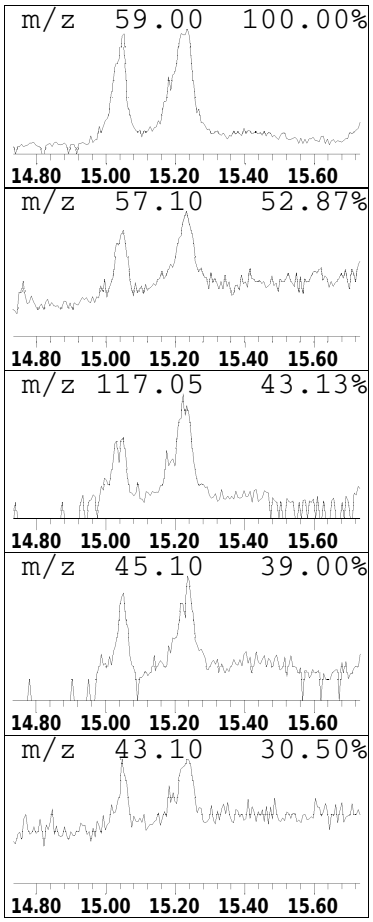
Peak Number 9 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	0.69 ug/ml	44747	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol tert-butyl eth...	176	C9H20O3	052788-79-1	50
2	Diethylene glycol tert-butyl eth...	176	C9H20O3	052788-79-1	38
3	Silane, dimethyl-	60	C2H8Si	001111-74-6	35
4	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	25
5	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	25





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-04.D
Acq On : 24 Sep 2020 2:43 pm
Operator : SV107:wr
Sample : L2039431-04,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.357	1.1	ug/ml	41877	1	5.122	147985	4.0
Unknown	2.151	0.7	ug/ml	26811	1	5.122	147985	4.0
Unknown	12.774	0.8	ug/ml	49488	12	12.468	257630	4.0
Unknown	13.457	0.5	ug/ml	31970	13	13.810	258666	4.0
Unknown	13.627	1.0	ug/ml	64941	13	13.810	258666	4.0
Unknown	14.251	0.4	ug/ml	27266	13	13.810	258666	4.0
Unknown	14.457	0.9	ug/ml	56659	13	13.810	258666	4.0
Unknown	15.233	0.7	ug/ml	44747	13	13.810	258666	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 24 17:41:45 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 17:41:33 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.122	150	39802	4.000	ug/ml		0.00
Standard Area 1 = 38438			Recovery = 103.55%				
27) IS2_1,4-Dichlorobenzen...	5.122	150	39802	4.000	ug/ml		0.00
Standard Area 3 = 36940			Recovery = 107.75%				
34) IS1_Naphthalene-d8	6.792	136	97700	4.000	ug/ml	#	0.00
Standard Area 1 = 94578			Recovery = 103.30%				
54) IS2_Naphthalene-d8	6.792	136	97700	4.000	ug/ml	#	0.00
Standard Area 3 = 93354			Recovery = 104.66%				
62) IS1_Acenaphthene-d10	8.569	164	52559	4.000	ug/ml		0.00
Standard Area 1 = 46874			Recovery = 112.13%				
85) IS3_Acenaphthene-d10	8.569	164	52559	4.000	ug/ml		0.00
Standard Area 2 = 45992			Recovery = 114.28%				
87) IS1_Phenanthrene-d10	9.969	188	99030	4.000	ug/ml	#	0.00
Standard Area 1 = 95146			Recovery = 104.08%				
103) IS1_Chrysene-d12	12.468	240	85658	4.000	ug/ml	#	0.00
Standard Area 1 = 83481			Recovery = 102.61%				
112) IS1_Perylene-d12	13.809	264	76654	4.000	ug/ml		0.00
Standard Area 1 = 76625			Recovery = 100.04%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.251	112	24752	3.597	ug/ml		0.02
Spiked Amount 5.000	Range 15 - 110		Recovery. = 71.94%				
7) Phenol-d6	4.722	99	25609	2.950	ug/ml		0.02
Spiked Amount 5.000	Range 15 - 110		Recovery. = 59.00%				
19) Nitrobenzene-d5	5.969	82	16528	2.112	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 84.48%				
45) 2-Fluorobiphenyl	7.969	172	32843	1.921	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 76.84%				
78) 2,4,6-Tribromophenol	9.327	330	6299	3.134	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery. = 62.68%				
95) 4-Terphenyl-d14	11.533	244	37163	1.860	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 74.40%				
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 24 17:41:45 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 17:41:33 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0		N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0		N.D.	
20) Nitrobenzene	0.000		0		N.D.	
21) Isophorone	0.000		0		N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0		N.D.	
28) Benzaldehyde	0.000		0		N.D.	
29) Acetophenone	0.000		0		N.D.	
35) Naphthalene	0.000		0		N.D.	
37) 4-Chloroaniline	0.000		0		N.D.	
40) 2-Methylnaphthalene	0.000		0		N.D.	
42) Hexachlorocyclopentadiene	0.000		0		N.D.	
46) 2-Chloronaphthalene	0.000		0		N.D.	
47) 2-Nitroaniline	0.000		0		N.D.	
50) Dimethyl phthalate	0.000		0		N.D.	
51) Acenaphthylene	0.000		0		N.D.	
52) 2,6-Dinitrotoluene	0.000		0		N.D.	
59) Caprolactam	0.000		0		N.D.	
60) 1,2,4,5-Tetrachloroben...	0.000		0		N.D.	
61) Biphenyl	0.000		0		N.D.	
63) 3-Nitroaniline	0.000		0		N.D.	
64) Acenaphthene	0.000		0		N.D.	
66) Dibenzofuran	0.000		0		N.D.	
67) 2,4-Dinitrotoluene	0.000		0		N.D.	
71) Diethyl phthalate	0.000		0		N.D.	
72) Fluorene	0.000		0		N.D.	
73) 4-Chlorophenyl phenyl ...	0.000		0		N.D.	
74) 4-Nitroaniline	0.000		0		N.D.	
76) NDPA/DPA	0.000		0		N.D.	
79) 4-Bromophenyl phenyl e...	0.000		0		N.D.	
86) Atrazine	0.000		0		N.D.	
88) Phenanthrene	0.000		0		N.D.	
89) Anthracene	0.000		0		N.D.	
90) Carbazole	0.000		0		N.D.	
91) Di-n-butylphthalate	0.000		0		N.D.	
92) Fluoranthene	0.000		0		N.D.	
94) Pyrene	0.000		0		N.D.	
96) Butyl benzyl phthalate	0.000		0		N.D.	

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 24 17:41:45 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 17:41:33 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0		N.D.	
106) Chrysene	0.000		0		N.D.	
107) Bis(2-ethylhexyl)phtha...	0.000		0		N.D.	
108) Di-n-octylphthalate	0.000		0		N.D.	
115) Benzo(ghi)perylene	0.000		0		N.D.	

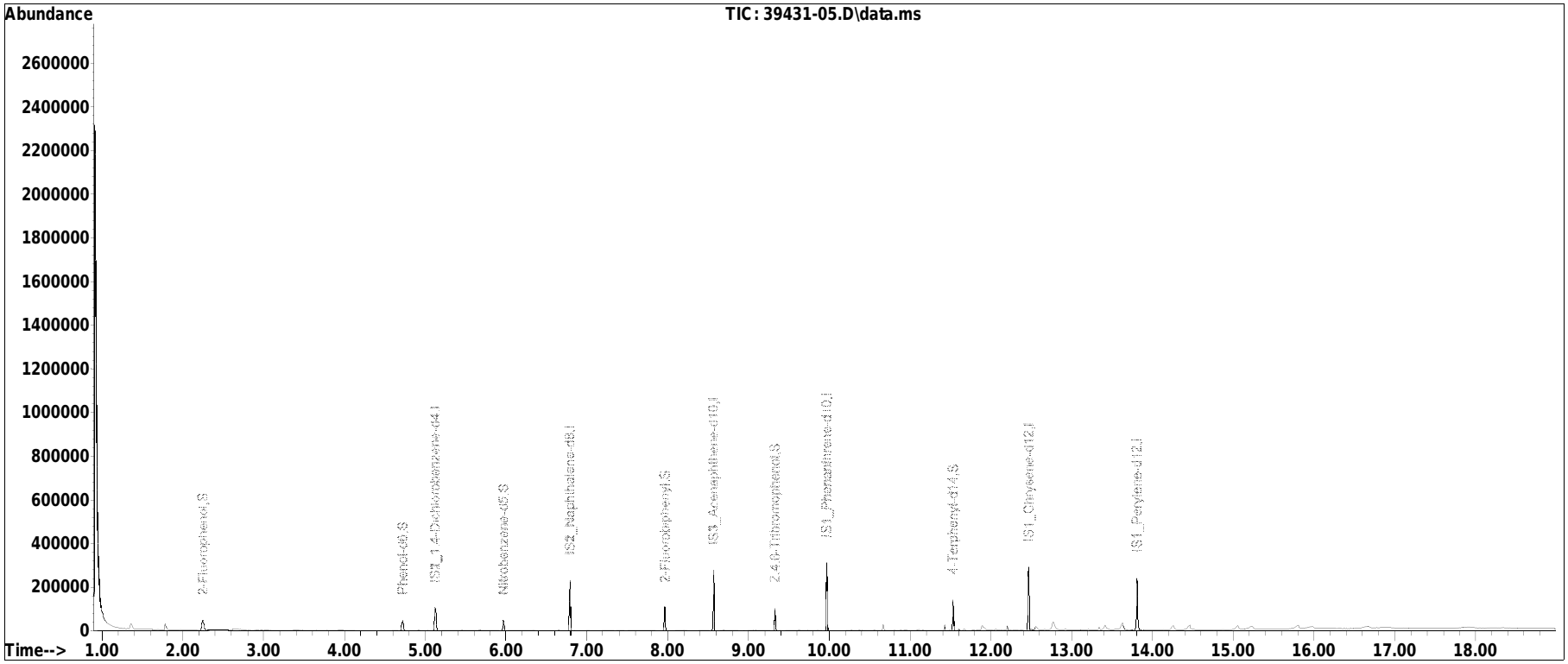
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 24 17:41:45 2020
Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 17:41:33 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional924.D•



Manual Integration/Negative Proof Report

Data Path	: I:\8270\SV107\200924lvi\	QMethod	: FS200712SV107.m
Data File	: 39431-05.D	Operator	: SV107:wr
Date Inj'd	: 9/24/2020 5:21 pm	Instrument	: SV 107
Sample	: L2039431-05,32,,DW	Quant Date	: 9/24/2020 5:41 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 39431-05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.357	76	80	89	rVB2	23906	43370	15.97%	1.515%
2	1.693	130	137	147	rVB4	3468	11056	4.07%	0.386%
3	1.775	147	151	170	rVB	27324	49965	18.40%	1.745%
4	1.975	176	185	195	rVB8	1751	7116	2.62%	0.249%
5	2.246	225	231	241	rVB	46111	89019	32.78%	3.110%
6	2.534	279	280	287	rVB4	956	1783	0.66%	0.062%
7	2.628	291	296	309	rBV2	6729	28254	10.41%	0.987%
8	2.904	337	343	345	rBV2	739	1505	0.55%	0.053%
9	3.016	359	362	363	rBV2	1213	1049	0.39%	0.037%
10	3.381	419	424	431	rBV3	1714	4562	1.68%	0.159%
11	3.604	459	462	466	rBV5	652	1049	0.39%	0.037%
12	3.787	484	493	494	rBV5	1012	1726	0.64%	0.060%
13	3.928	509	517	539	rBV4	2793	9380	3.45%	0.328%
14	4.722	643	652	662	rBV	46310	73826	27.19%	2.579%
15	4.916	681	685	694	rBV	3677	5419	2.00%	0.189%
16	5.034	700	705	713	rVB	2351	3903	1.44%	0.136%
17	5.122	713	720	730	rBV	103046	154261	56.81%	5.389%
18	5.392	762	766	771	rBV4	1003	1642	0.60%	0.057%
19	5.451	771	776	779	rVV3	1379	1925	0.71%	0.067%
20	5.616	799	804	807	rBV4	712	1172	0.43%	0.041%
21	5.663	807	812	819	rVV3	3427	5925	2.18%	0.207%
22	5.969	859	864	870	rBV	46278	48409	17.83%	1.691%
23	6.057	873	879	881	rBV3	683	1011	0.37%	0.035%
24	6.228	903	908	912	rVB4	938	1828	0.67%	0.064%
25	6.651	975	980	986	rVB2	4363	4469	1.65%	0.156%
26	6.792	998	1004	1010	rVV	231075	200794	73.95%	7.014%
27	6.845	1010	1013	1017	rVV	1638	1889	0.70%	0.066%
28	6.910	1021	1024	1028	rVB2	1689	1396	0.51%	0.049%

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.628	1143	1146	1149	rBV	1144	1185	0.44%	0.041%
30	7.933	1193	1198	1200	rBV2	1541	1904	0.70%	0.067%
31	7.963	1200	1203	1208	rVV	113438	97624	35.95%	3.410%
32	8.027	1212	1214	1220	rBV2	575	1255	0.46%	0.044%
33	8.198	1239	1243	1247	rVB3	1528	1441	0.53%	0.050%
34	8.522	1293	1298	1300	rBV	1535	1464	0.54%	0.051%
35	8.569	1302	1306	1311	rVB	277320	238928	87.99%	8.347%
36	8.698	1323	1328	1332	rBV	2296	3025	1.11%	0.106%
37	8.945	1367	1370	1378	rVB3	2045	2557	0.94%	0.089%
38	9.092	1391	1395	1399	rBV	2025	1573	0.58%	0.055%
39	9.327	1426	1435	1441	rVB	102745	78968	29.08%	2.759%
40	9.451	1452	1456	1458	rVB2	1414	1255	0.46%	0.044%
41	9.627	1478	1486	1490	rBV2	4114	5464	2.01%	0.191%
42	9.727	1500	1503	1508	rBV3	633	1151	0.42%	0.040%
43	9.851	1519	1524	1529	rVB3	1292	1743	0.64%	0.061%
44	9.969	1538	1544	1550	rBV	309720	257251	94.74%	8.987%
45	10.069	1558	1561	1563	rVB3	1176	1188	0.44%	0.042%
46	10.274	1589	1596	1600	rBV	2704	2994	1.10%	0.105%
47	10.369	1607	1612	1618	rVB3	2434	2694	0.99%	0.094%
48	10.563	1642	1645	1648	rVB	2726	2657	0.98%	0.093%
49	10.668	1655	1663	1670	rBV	26839	26213	9.65%	0.916%
50	10.804	1683	1686	1691	rVB3	875	1203	0.44%	0.042%
51	10.880	1696	1699	1704	rVV3	1891	2182	0.80%	0.076%
52	10.945	1704	1710	1719	rVB3	3867	6279	2.31%	0.219%
53	11.074	1729	1732	1735	rVV	1463	1029	0.38%	0.036%
54	11.110	1735	1738	1742	rVB	4380	4547	1.67%	0.159%
55	11.157	1742	1746	1751	rVB2	1942	2263	0.83%	0.079%
56	11.421	1787	1791	1800	rBV	25583	25799	9.50%	0.901%
57	11.533	1804	1810	1818	rVV	139879	122863	45.25%	4.292%
58	11.604	1818	1822	1828	rVV2	5530	8788	3.24%	0.307%
59	11.674	1828	1834	1845	rVB2	7532	15683	5.78%	0.548%
60	11.745	1845	1846	1849	rBV2	942	1065	0.39%	0.037%

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	11.792	1849	1854	1858	rBV4	1246	1858	0.68%	0.065%
62	11.857	1858	1865	1867	rBV3	3859	4922	1.81%	0.172%
63	11.898	1867	1872	1884	rVB2	20398	48782	17.97%	1.704%
64	12.063	1894	1900	1905	rBV	6516	7921	2.92%	0.277%
65	12.204	1920	1924	1929	rBV	19687	18515	6.82%	0.647%
66	12.245	1929	1931	1935	rVB3	1284	1604	0.59%	0.056%
67	12.468	1964	1969	1973	rBV	289981	271533	100.00%	9.486%
68	12.557	1980	1984	1996	rVB4	16198	33762	12.43%	1.179%
69	12.668	1999	2003	2005	rBV2	3857	3105	1.14%	0.108%
70	12.710	2007	2010	2012	rVV3	2014	2201	0.81%	0.077%
71	12.774	2012	2021	2035	rVV2	35157	91140	33.56%	3.184%
72	12.874	2035	2038	2040	rVV3	2395	3060	1.13%	0.107%
73	12.927	2043	2047	2055	rVB2	4766	7040	2.59%	0.246%
74	13.051	2065	2068	2071	rVB3	905	1175	0.43%	0.041%
75	13.133	2075	2082	2088	rVB5	1666	3672	1.35%	0.128%
76	13.215	2088	2096	2100	rBV2	4272	7600	2.80%	0.265%
77	13.345	2112	2118	2122	rBV2	12765	13959	5.14%	0.488%
78	13.415	2122	2130	2143	rVV2	20506	48651	17.92%	1.700%
79	13.551	2146	2153	2156	rBV3	4498	7350	2.71%	0.257%
80	13.633	2157	2167	2181	rVB2	29526	81576	30.04%	2.850%
81	13.745	2181	2186	2191	rVB2	3122	5325	1.96%	0.186%
82	13.809	2191	2197	2202	rBV	241138	257619	94.88%	9.000%
83	13.904	2208	2213	2218	rVB6	1317	2441	0.90%	0.085%
84	14.045	2233	2237	2242	rVB6	805	1730	0.64%	0.060%
85	14.139	2250	2253	2259	rVV3	2069	4163	1.53%	0.145%
86	14.256	2261	2273	2282	rVV2	19325	49783	18.33%	1.739%
87	14.456	2290	2307	2324	rBV4	21894	72330	26.64%	2.527%
88	14.762	2356	2359	2362	rBV5	1241	1134	0.42%	0.040%
89	14.821	2368	2369	2373	rBV2	821	1020	0.38%	0.036%
90	15.051	2395	2408	2415	rBV3	17854	44308	16.32%	1.548%
91	15.221	2426	2437	2454	rVB4	12268	50293	18.52%	1.757%

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

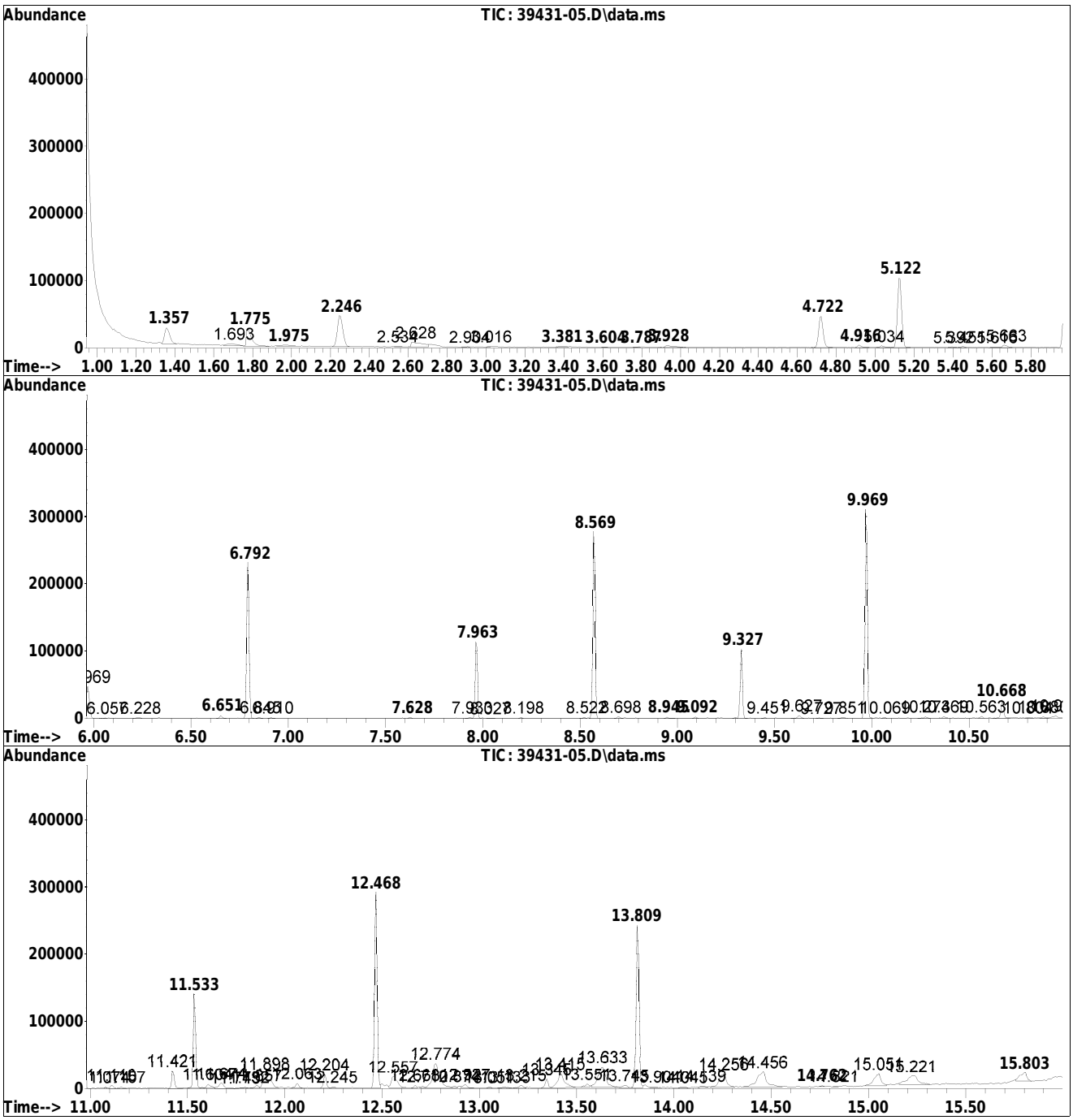
92	15.803	2528	2536	2542	rVB6	12859	31047	11.43%	1.085%

Sum of corrected areas: 2862557

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



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Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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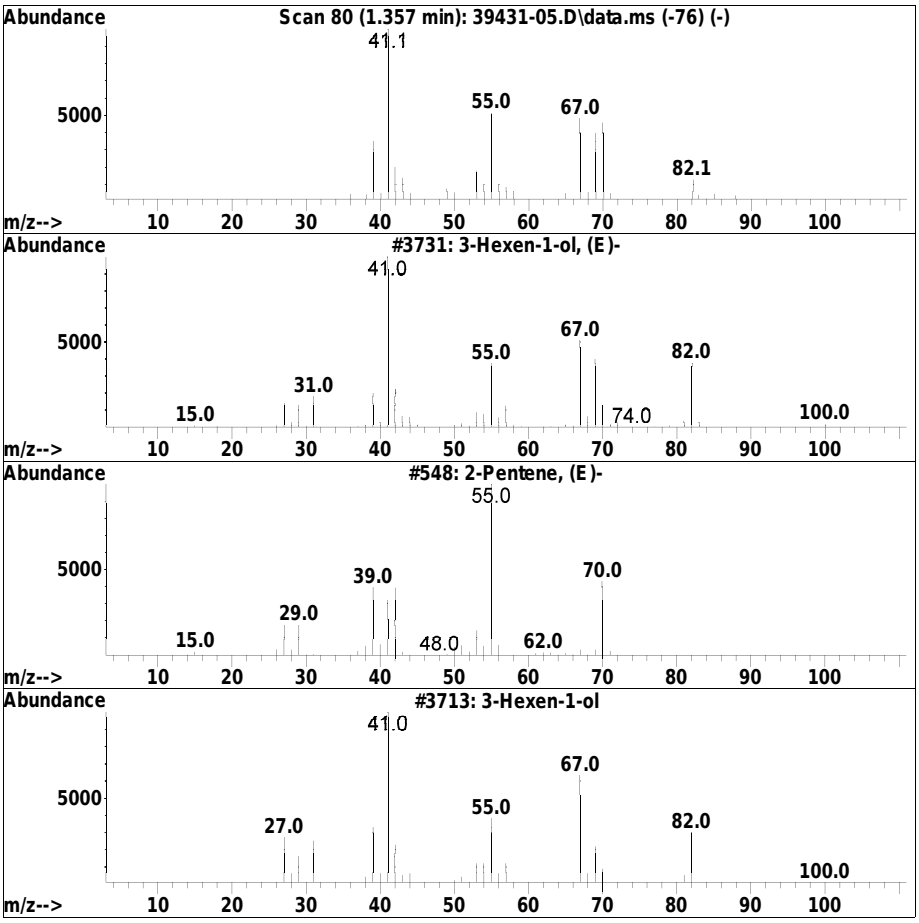
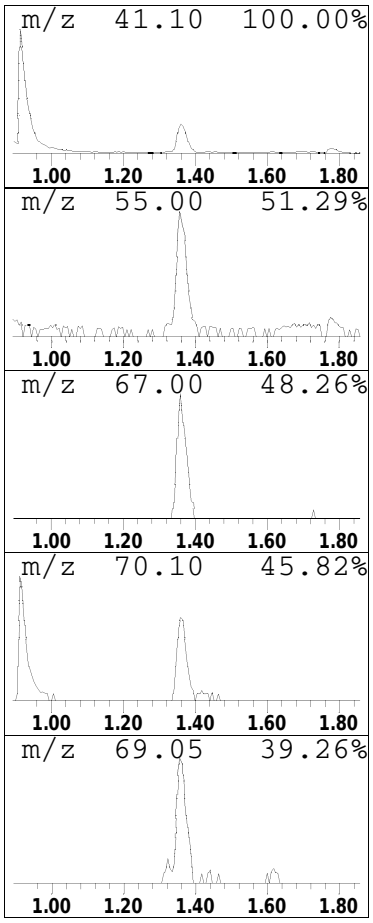
Peak Number 1 Unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.357	1.12 ug/ml	43370	IS2_1,4-Dichlorobenzene-d4	5.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	40
2	2-Pentene, (E)-	70	C5H10	000646-04-8	38
3	3-Hexen-1-ol	100	C6H12O	000544-12-7	37
4	3-Hexen-1-ol	100	C6H12O	000544-12-7	32
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	30





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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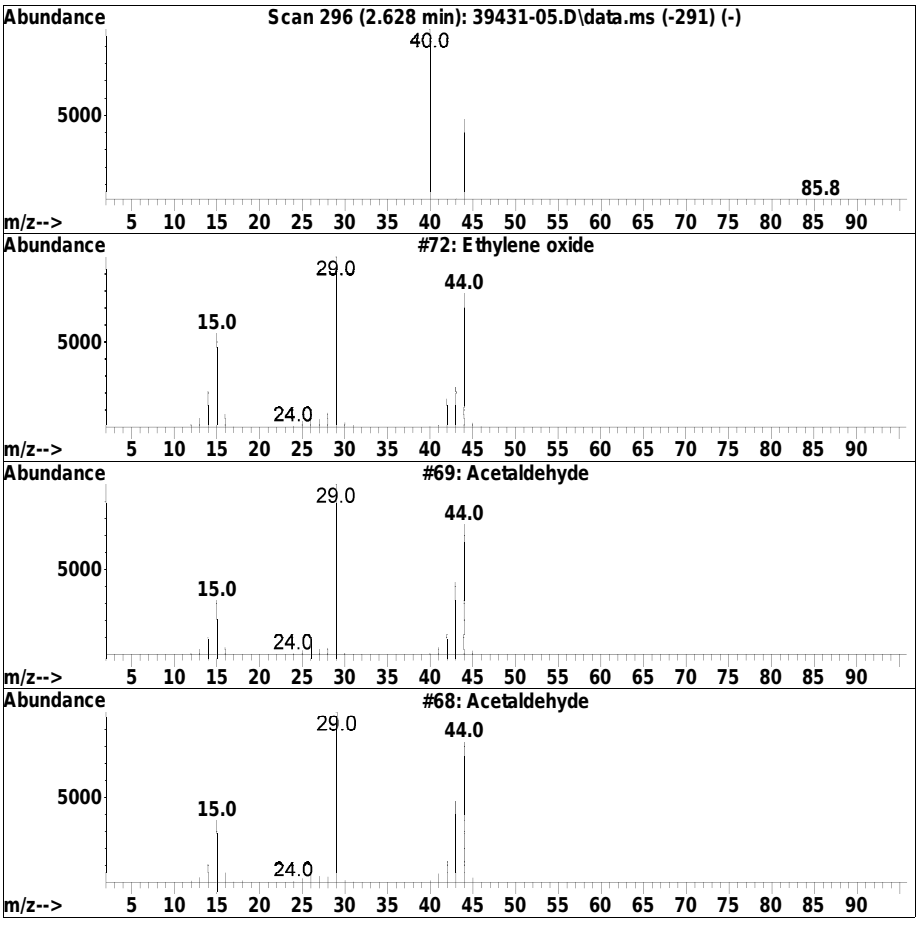
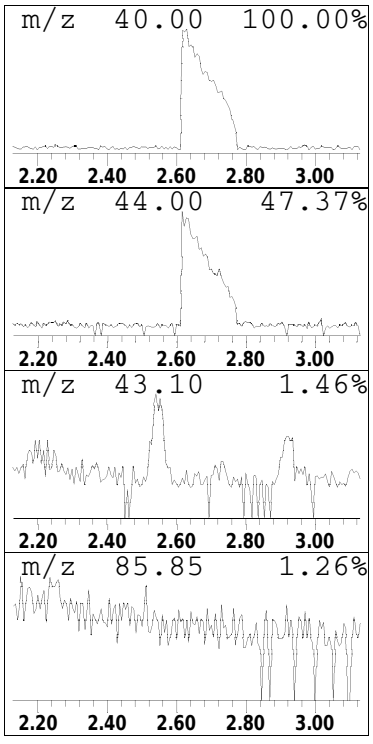
Peak Number 3 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.628	0.73 ug/ml	28254	IS2_1,4-Dichlorobenzene-d4	5.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene oxide	44	C2H4O	000075-21-8	2
2	Acetaldehyde	44	C2H4O	000075-07-0	2
3	Acetaldehyde	44	C2H4O	000075-07-0	2
4	Ethylene oxide	44	C2H4O	000075-21-8	2
5	Ethylene oxide	44	C2H4O	000075-21-8	2





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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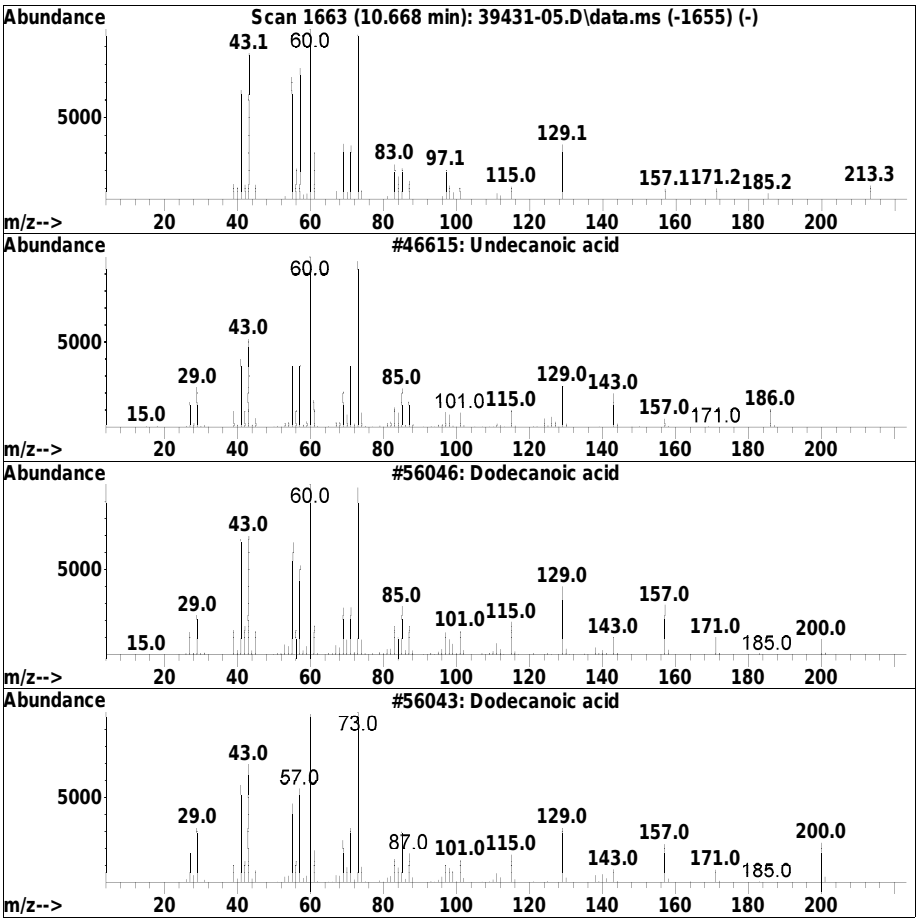
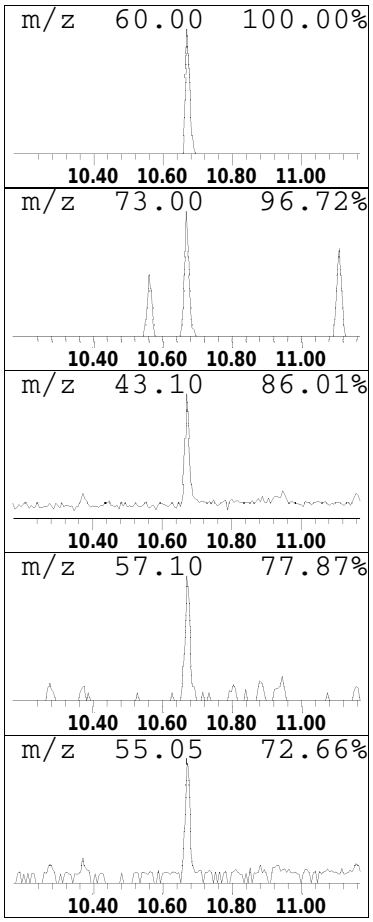
Peak Number 4 Unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	0.41 ug/ml	26213	IS3_Phenanthrene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	72
2	Dodecanoic acid	200	C12H24O2	000143-07-7	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	59
4	Lactose	342	C12H22O11	000063-42-3	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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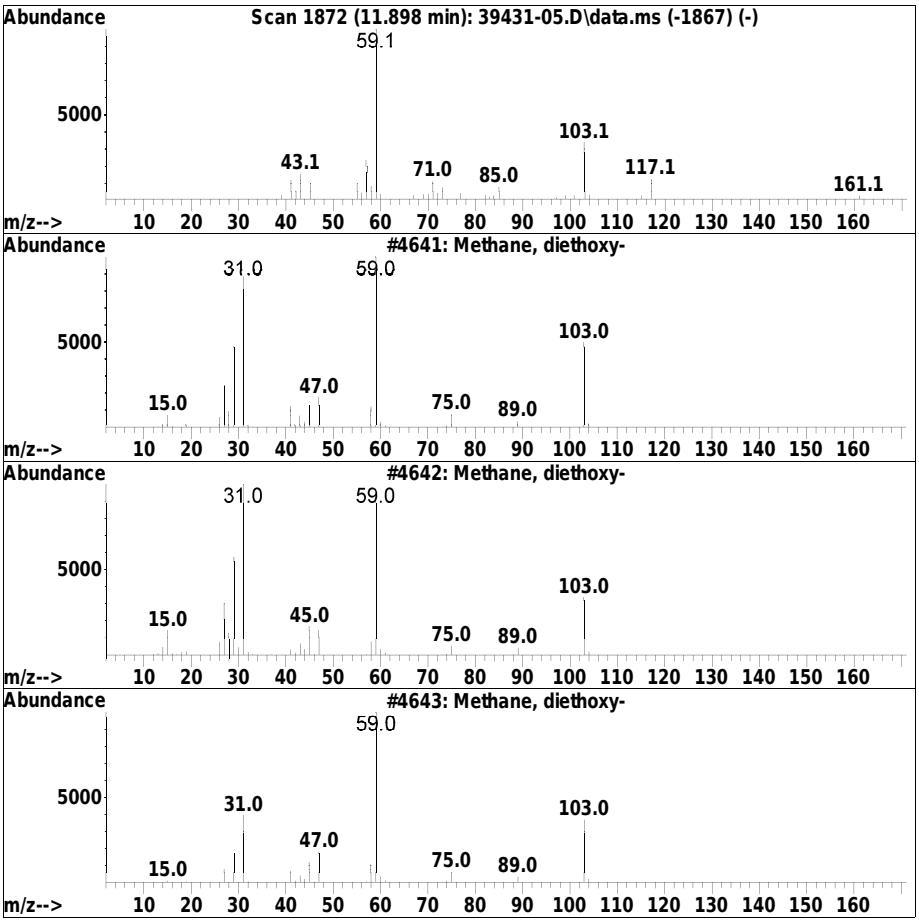
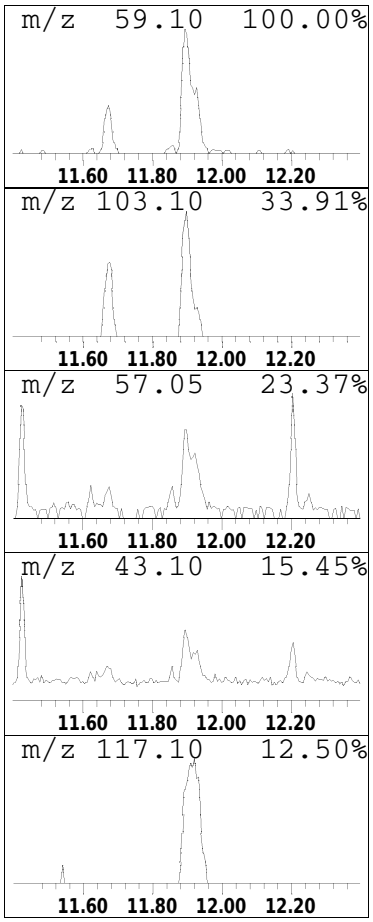
Peak Number 5 Unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	0.72 ug/ml	48782	IS1_Chrysene-d12	12.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, diethoxy-	104	C5H12O2	000462-95-3	59
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	59
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	59
4	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	59
5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	56





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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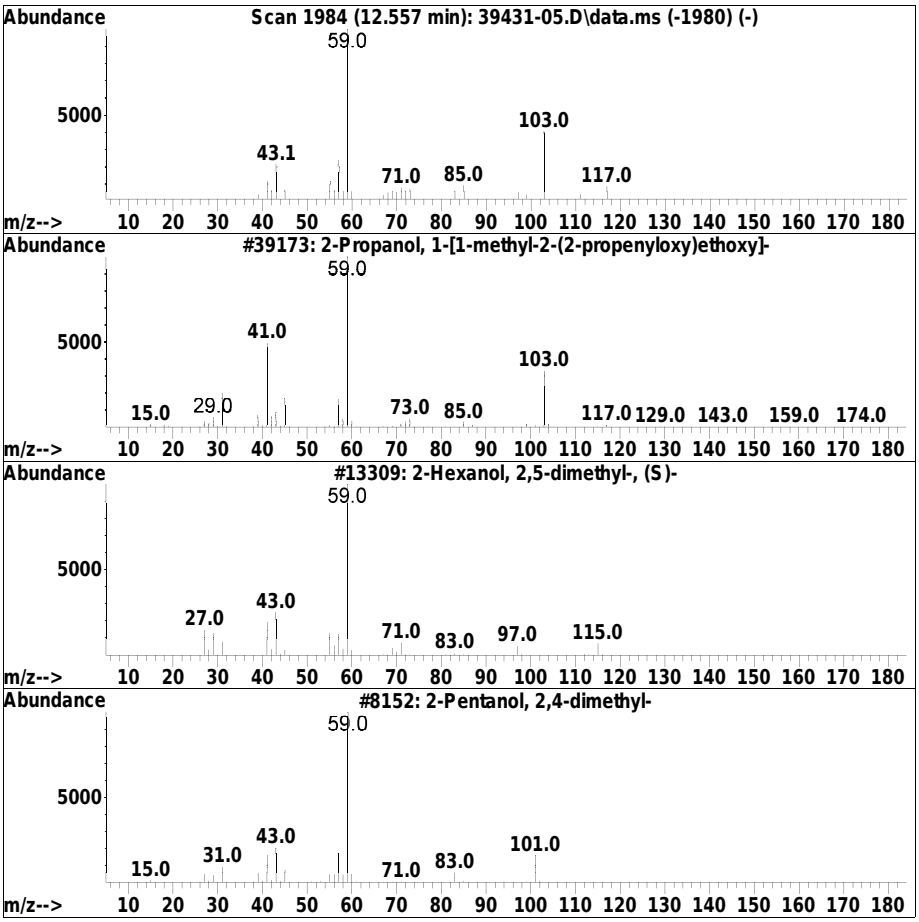
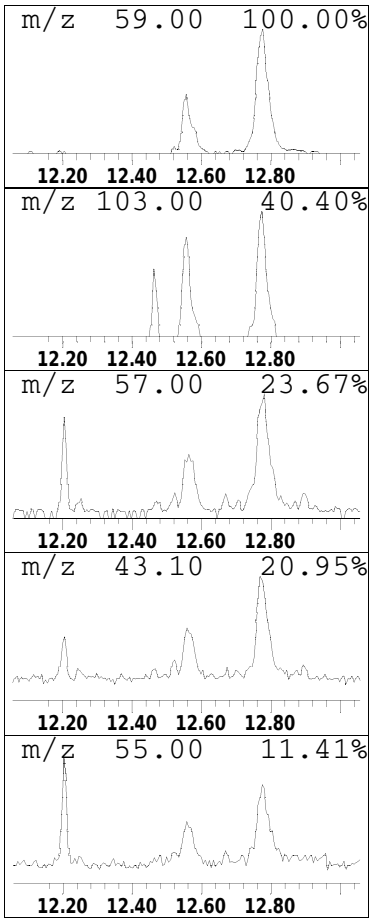
Peak Number 6 Unknown Alcohol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.557	0.50 ug/ml	33762	IS1_Chrysene-d12	12.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	56
2	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	43
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	38
4	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	38
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	38





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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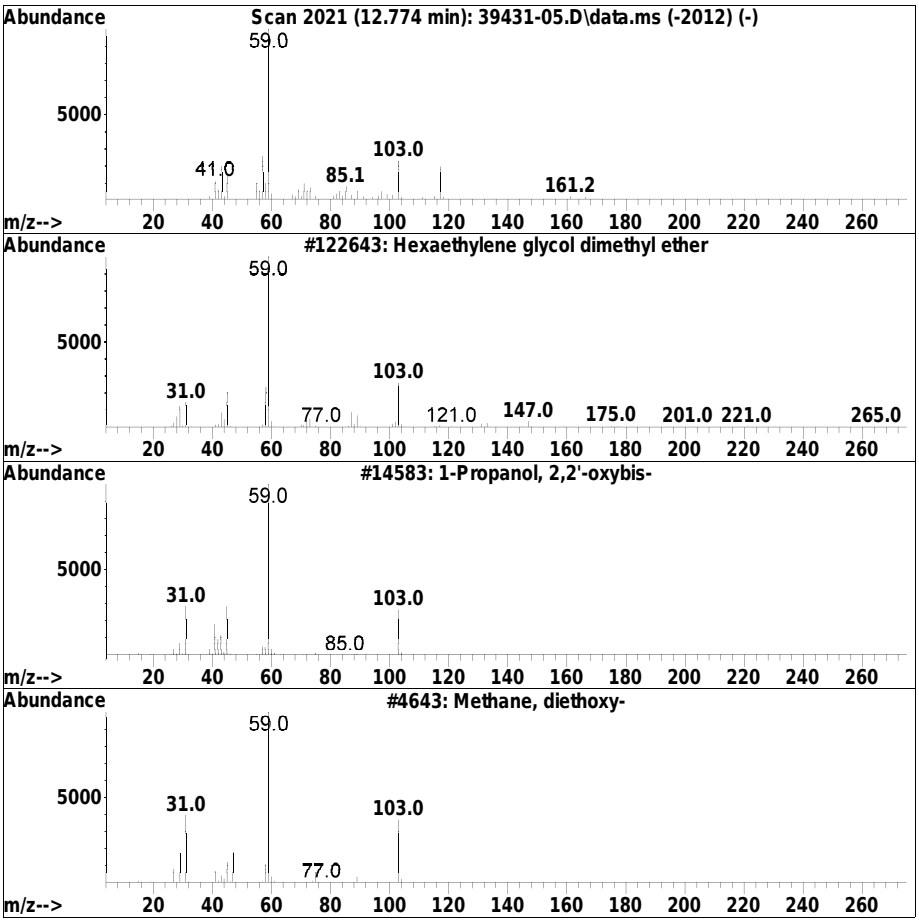
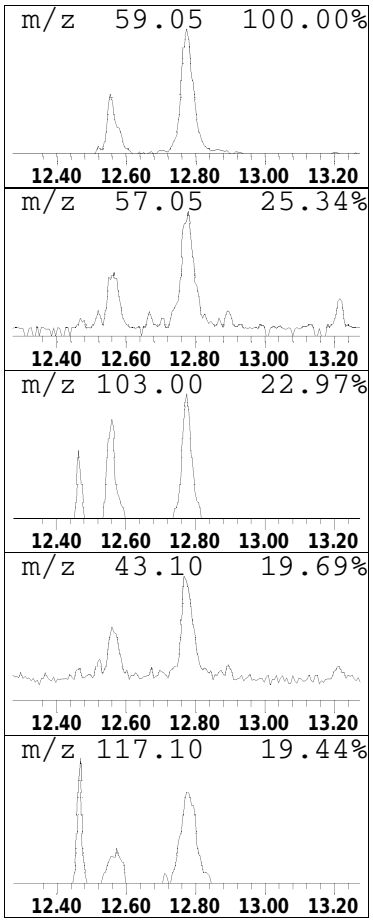
Peak Number 7 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.774	1.34 ug/ml	91140	IS1_Chrysene-d12	12.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	53
2	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	50
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	50
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	50
5	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	50





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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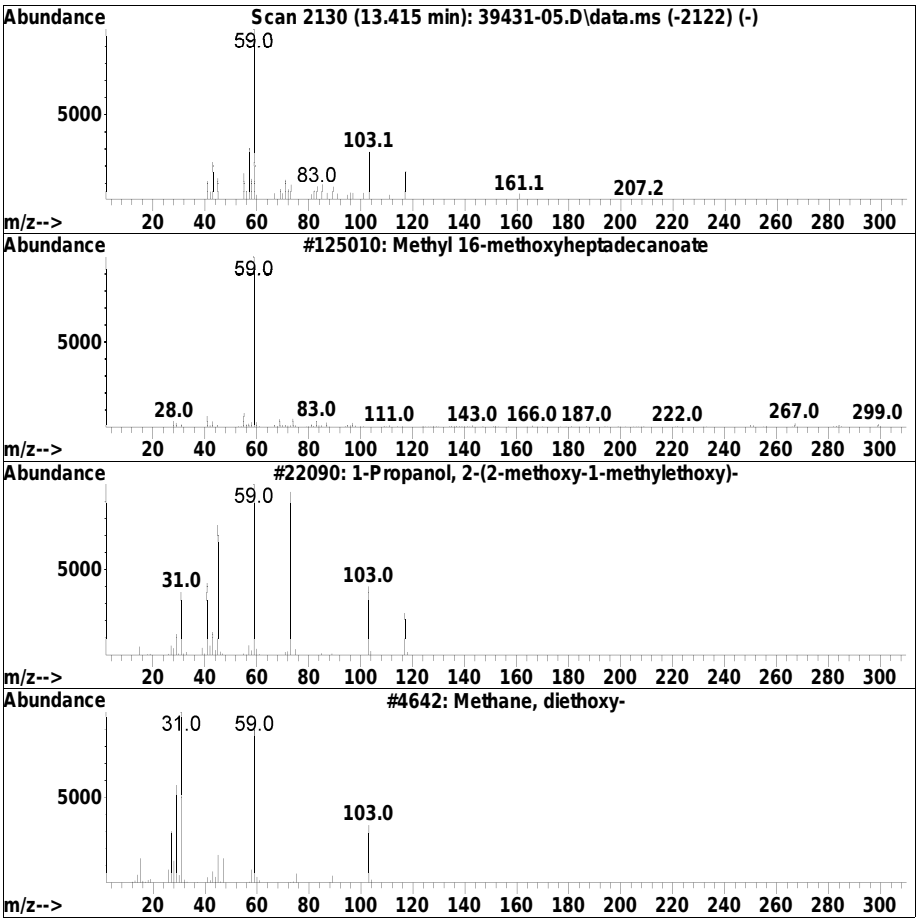
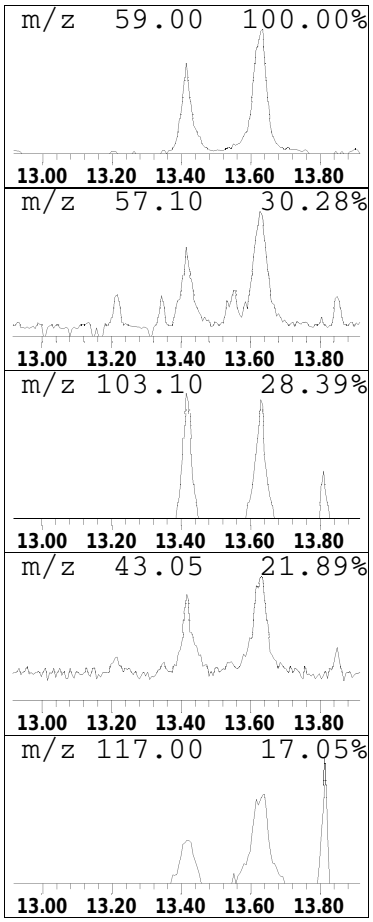
Peak Number 8 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.415	0.76 ug/ml	48651	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 16-methoxyheptadecanoate	314	C19H38O3	1000110-18-2	47
2	1-Propanol, 2-(2-methoxy-1-methy...	148	C7H16O3	055956-21-3	42
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	42
4	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	42
5	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	42





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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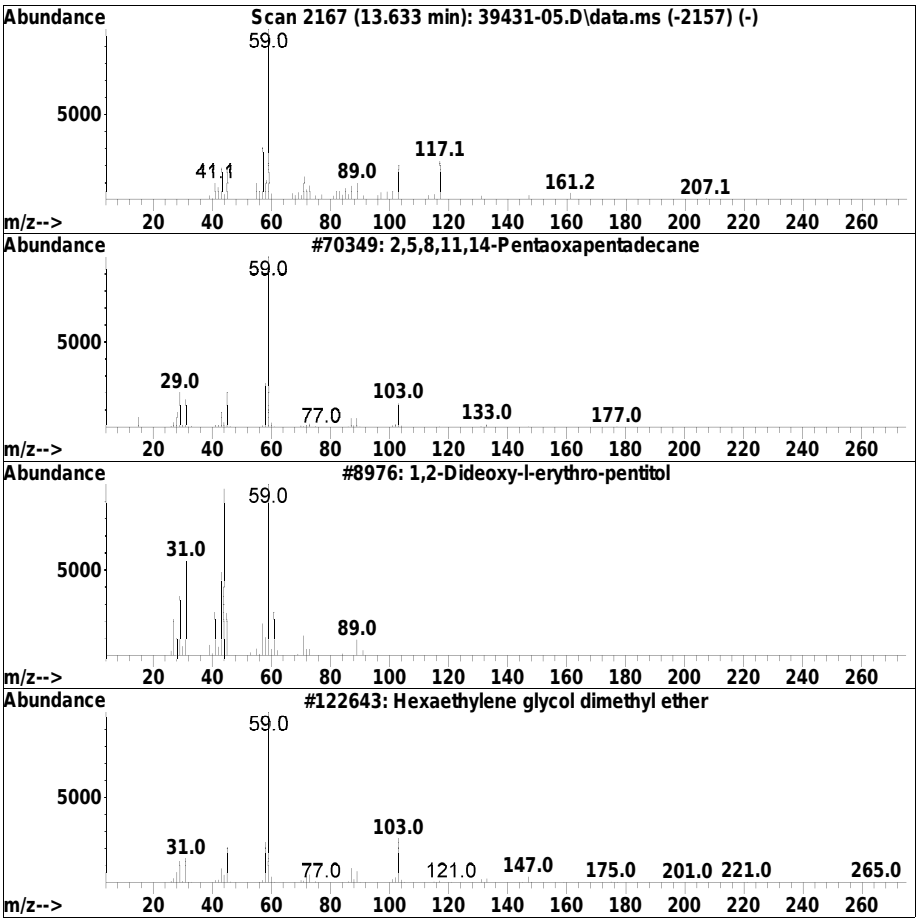
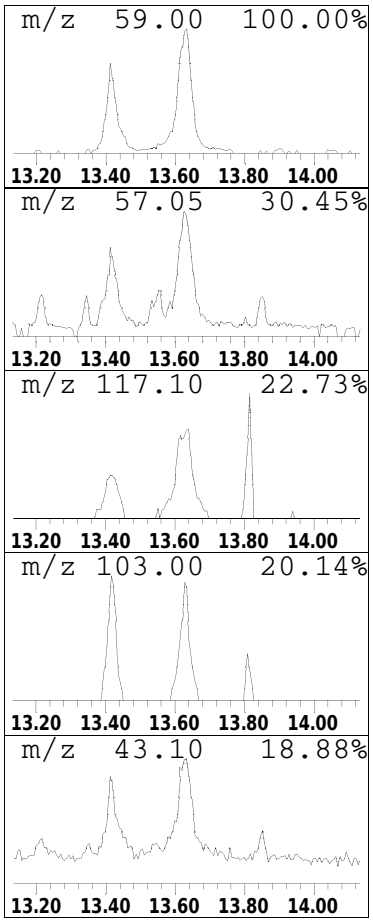
Peak Number 9 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.633	1.27 ug/ml	81576	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	53
2	1,2-Dideoxy-l-erythro-pentitol	120	C5H12O3	1000112-47-4	43
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	42
4	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	42
5	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	42





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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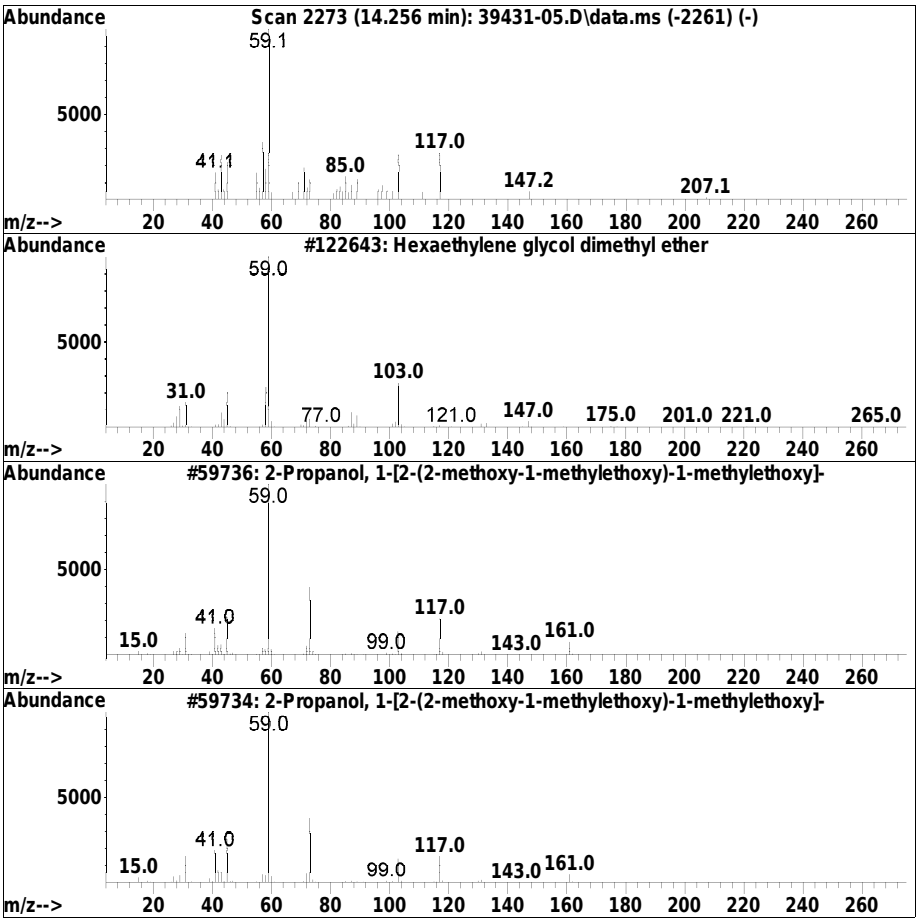
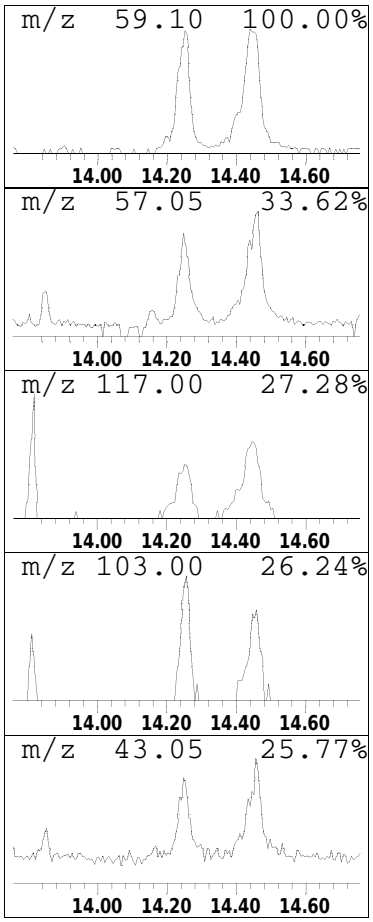
Peak Number 10 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	0.77 ug/ml	49783	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	59
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	42
3	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	42
4	Allyl dithioacetate	132	C5H8S2	027249-83-8	37
5	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	36





Data Path : I:\8270\SV107\200924lvi\
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Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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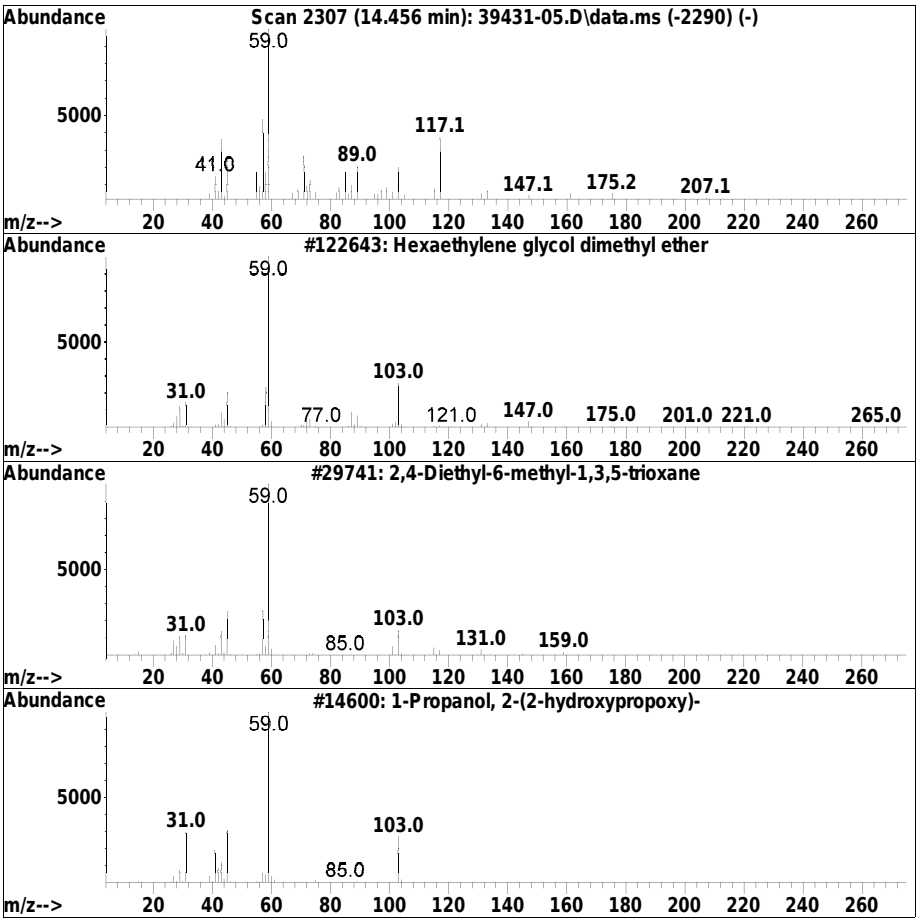
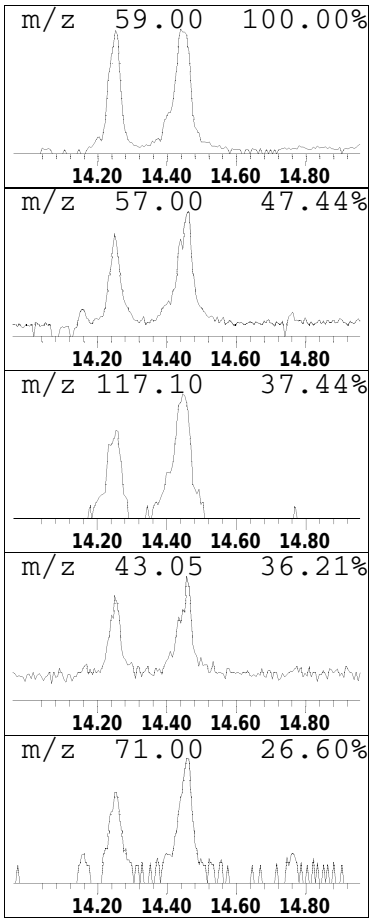
Peak Number 11 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	1.12 ug/ml	72330	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	38
2	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	37
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	37
4	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	33
5	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	28





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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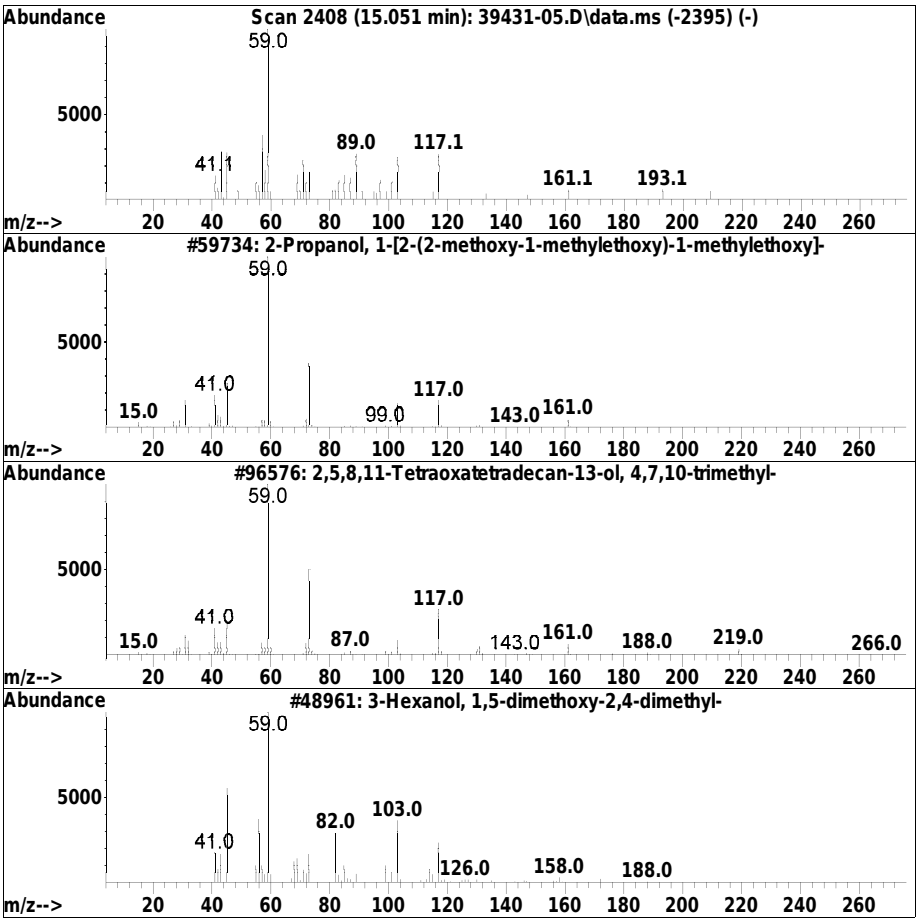
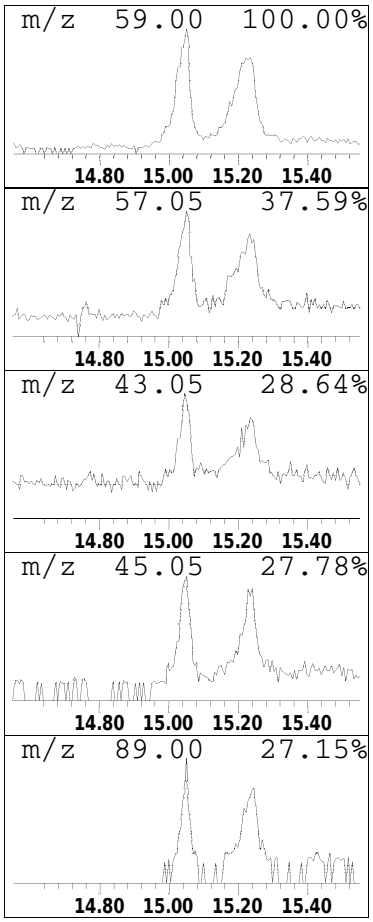
Peak Number 12 Unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.051	0.69 ug/ml	44308	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	50
2	2,5,8,11-Tetraoxatetradecan-13-o...	264	C13H28O5	020324-34-9	47
3	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	42
4	Butanoic acid, 4-ethoxy-, methyl...	146	C7H14O3	029006-04-0	40
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	38





Library Search Compound Report

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

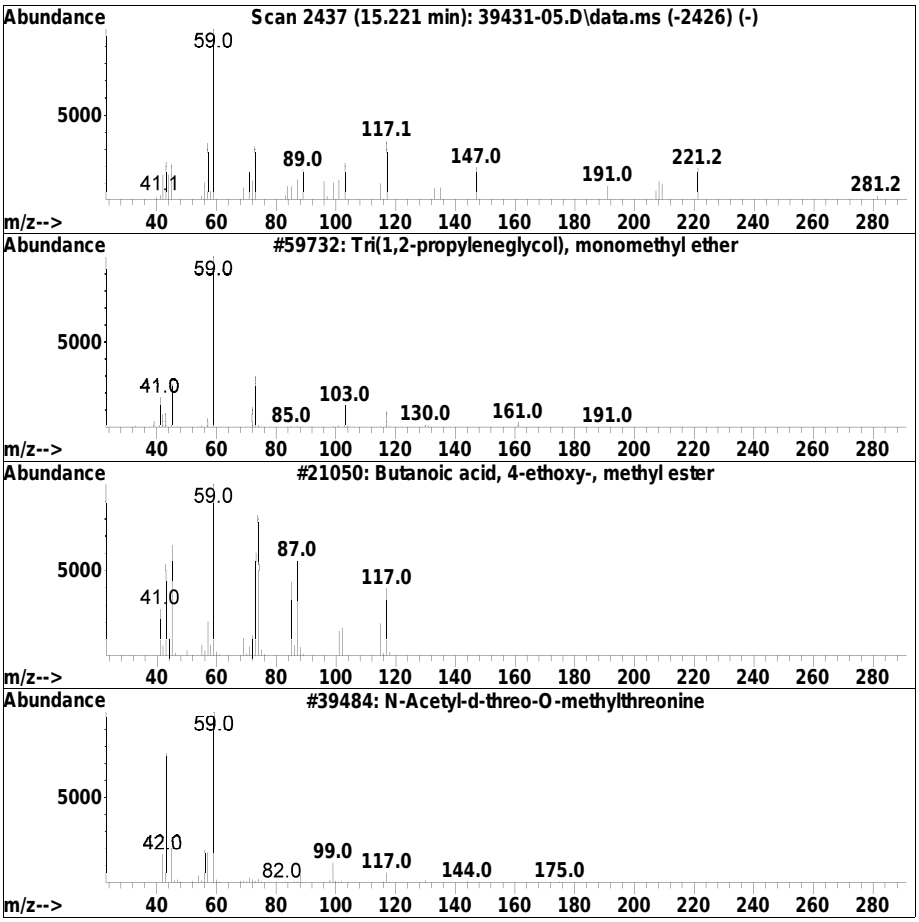
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

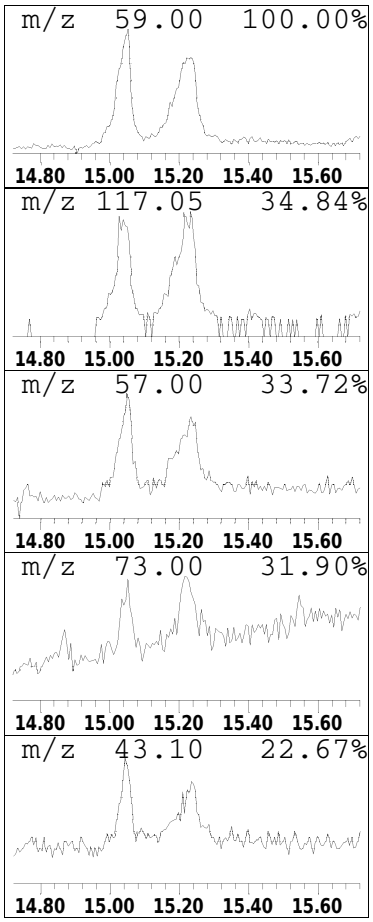
****

Peak Number 13 Unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	0.78 ug/ml	50293	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	38
2	Butanoic acid, 4-ethoxy-, methyl...	146	C7H14O3	029006-04-0	38
3	N-Acetyl-d-threo-O-methylthreonine	175	C7H13NO4	1000214-70-5	35
4	1-Trimethylsilyl-2-(dimethyl-n-p...	228	C12H28Si2	136935-49-4	25
5	2,5,8,11-Tetraoxatetradecan-13-o...	264	C13H28O5	020324-34-9	23





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

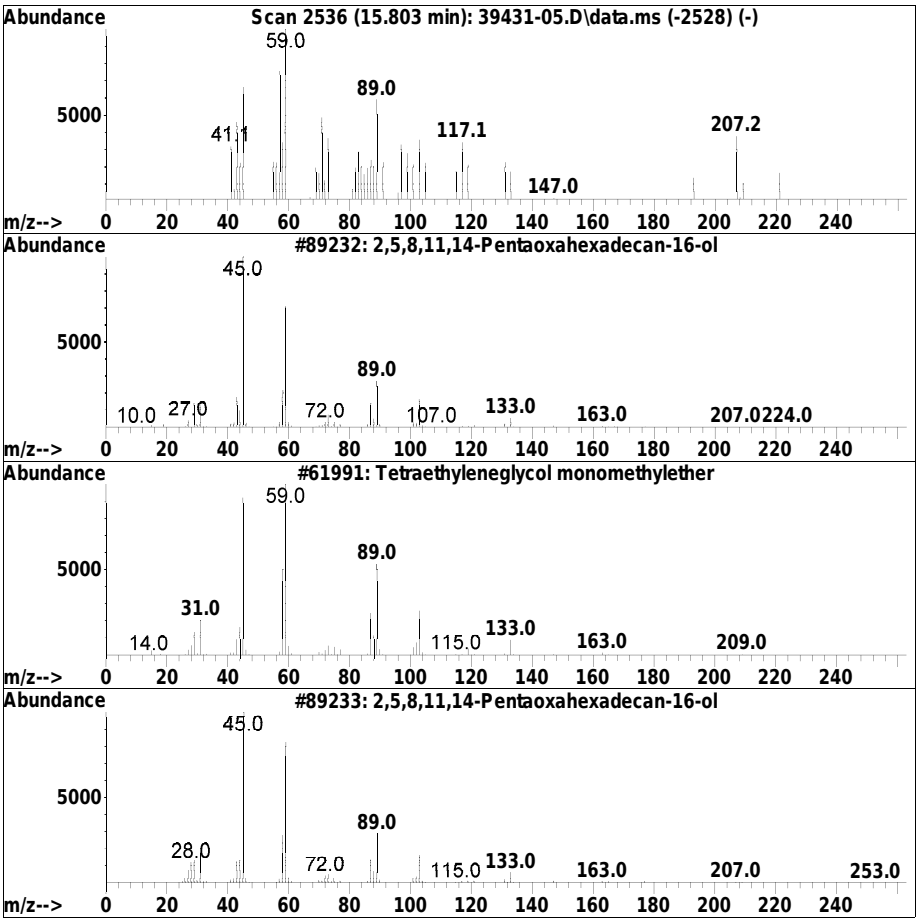
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

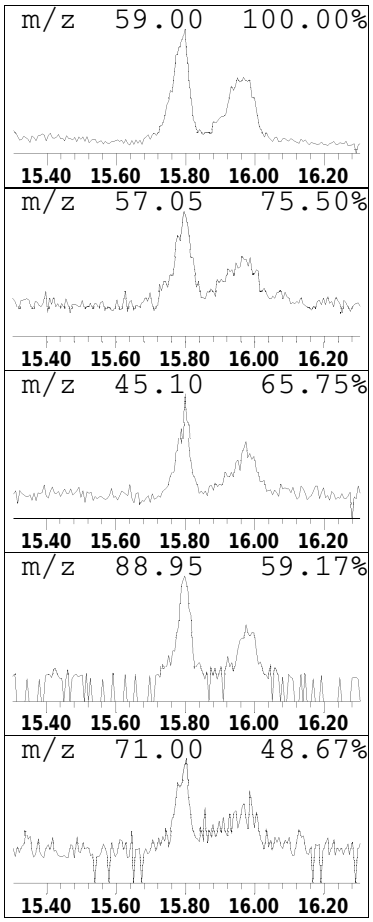
****

Peak Number 14 Unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.803	0.48 ug/ml	31047	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	38
2	Tetraethyleneglycol monomethylether	208	C9H20O5	023783-42-8	38
3	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	38
4	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	14
5	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	14





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-05.D
Acq On : 24 Sep 2020 5:21 pm
Operator : SV107:wr
Sample : L2039431-05,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 16 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.357	1.1	ug/ml	43370	1	5.122	154261	4.0
Unknown	2.628	0.7	ug/ml	28254	1	5.122	154261	4.0
Unknown	10.669	0.4	ug/ml	26213	11	9.969	257251	4.0
Unknown	11.898	0.7	ug/ml	48782	12	12.468	271533	4.0
Unknown Alcohol	12.557	0.5	ug/ml	33762	12	12.468	271533	4.0
Unknown	12.774	1.3	ug/ml	91140	12	12.468	271533	4.0
Unknown	13.415	0.8	ug/ml	48651	13	13.810	257619	4.0
Unknown	13.633	1.3	ug/ml	81576	13	13.810	257619	4.0
Unknown	14.257	0.8	ug/ml	49783	13	13.810	257619	4.0
Unknown	14.457	1.1	ug/ml	72330	13	13.810	257619	4.0
Unknown	15.051	0.7	ug/ml	44308	13	13.810	257619	4.0
Unknown	15.221	0.8	ug/ml	50293	13	13.810	257619	4.0
Unknown	15.803	0.5	ug/ml	31047	13	13.810	257619	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 25 08:54:28 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 18:09:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.128	150	39015	4.000	ug/ml		0.00
Standard Area 1 = 38438			Recovery =	101.50%			
27) IS2_1,4-Dichlorobenzen...	5.128	150	39015	4.000	ug/ml		0.00
Standard Area 3 = 36940			Recovery =	105.62%			
34) IS1_Naphthalene-d8	6.792	136	104632	4.000	ug/ml		0.00
Standard Area 1 = 94578			Recovery =	110.63%			
54) IS2_Naphthalene-d8	6.792	136	104632	4.000	ug/ml		0.00
Standard Area 3 = 93354			Recovery =	112.08%			
62) IS1_Acenaphthene-d10	8.569	164	53280	4.000	ug/ml		0.00
Standard Area 1 = 46874			Recovery =	113.67%			
85) IS3_Acenaphthene-d10	8.569	164	53280	4.000	ug/ml		0.00
Standard Area 2 = 45992			Recovery =	115.85%			
87) IS1_Phenanthrene-d10	9.969	188	100019	4.000	ug/ml	#	0.00
Standard Area 1 = 95146			Recovery =	105.12%			
103) IS1_Chrysene-d12	12.469	240	88526	4.000	ug/ml	#	0.00
Standard Area 1 = 83481			Recovery =	106.04%			
112) IS1_Perylene-d12	13.816	264	78481	4.000	ug/ml		0.00
Standard Area 1 = 76625			Recovery =	102.42%			
System Monitoring Compounds							
4) 2-Fluorophenol	2.252	112	20307	3.011	ug/ml		0.02
Spiked Amount 5.000	Range 15 - 110		Recovery. =	60.22%			
7) Phenol-d6	4.722	99	22918	2.693	ug/ml		0.02
Spiked Amount 5.000	Range 15 - 110		Recovery. =	53.86%			
19) Nitrobenzene-d5	5.969	82	12192	1.589	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. =	63.56%			
45) 2-Fluorobiphenyl	7.969	172	24105	1.316	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. =	52.64%			
78) 2,4,6-Tribromophenol	9.328	330	5890	2.891	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery. =	57.82%			
95) 4-Terphenyl-d14	11.539	244	30967	1.535	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. =	61.40%			
Target Compounds							Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.			
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.			

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 25 08:54:28 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 18:09:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.	d	
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.		
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 25 08:54:28 2020
Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 18:09:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : NJLiq_combo - NJTCL+7 Additional

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
106)	Chrysene	0.000		0	N.D.		
107)	Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108)	Di-n-octylphthalate	0.000		0	N.D.	d	
115)	Benzo(ghi)perylene	0.000		0	N.D.		

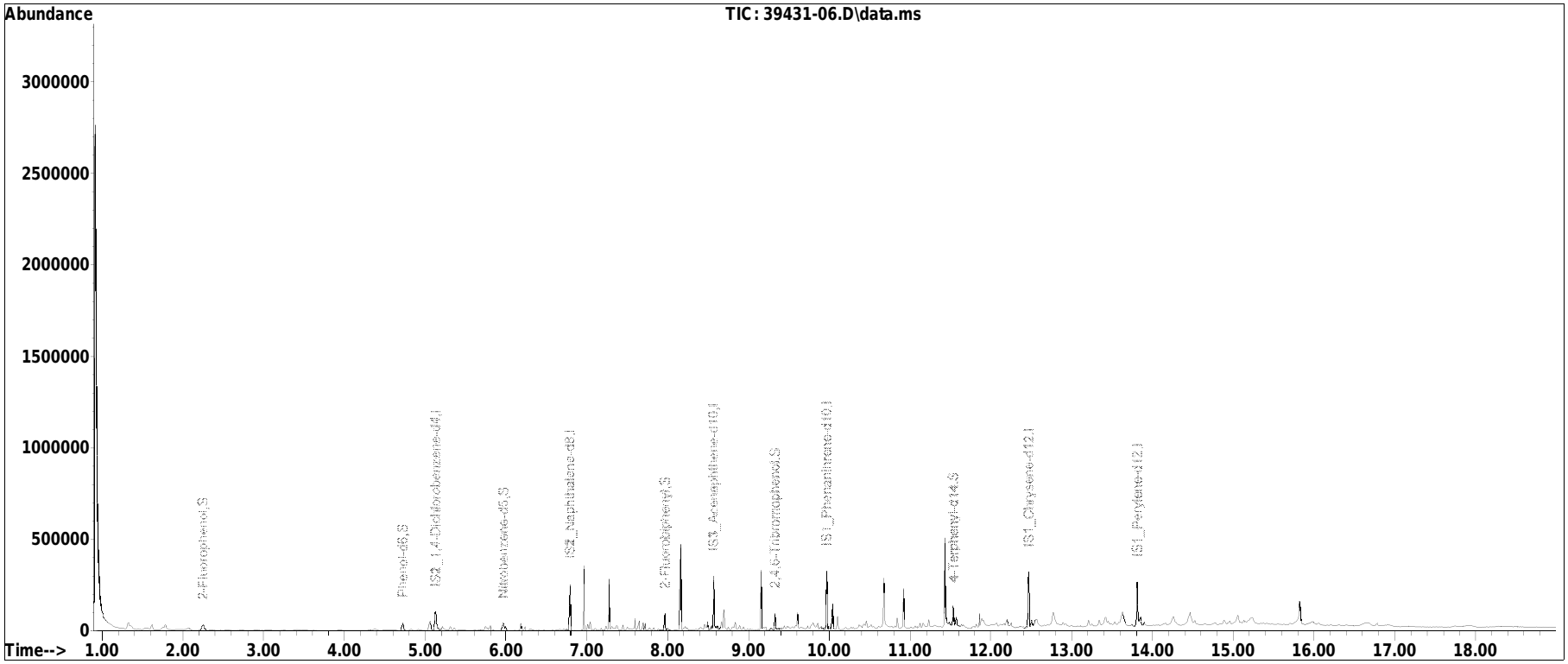
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 25 08:54:28 2020
Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 18:09:03 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional924.D•



Manual Integration/Negative Proof Report

Data Path	: I:\8270\SV107\200924lvi\	QMethod	: FS200712SV107.m
Data File	: 39431-06.D	Operator	: SV107:wr
Date Inj'd	: 9/24/2020 5:48 pm	Instrument	: SV 107
Sample	: L2039431-06,32,,DW	Quant Date	: 9/24/2020 6:09 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 39431-06.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.328	68	75	92	rVB4	34356	116554	22.61%	1.383%
2	1.563	104	115	119	rBV5	7615	27142	5.26%	0.322%
3	1.622	119	125	132	rVB	26710	54301	10.53%	0.644%
4	1.781	140	152	166	rVB3	28336	88179	17.10%	1.046%
5	2.081	192	203	213	rVB6	8605	31115	6.04%	0.369%
6	2.252	224	232	244	rVB2	30114	73468	14.25%	0.872%
7	3.416	417	430	438	rBV5	4853	16681	3.24%	0.198%
8	4.375	588	593	606	rVB5	6049	20272	3.93%	0.240%
9	4.722	645	652	662	rBV	40524	68095	13.21%	0.808%
10	5.057	700	709	715	rBV	49634	88766	17.22%	1.053%
11	5.128	715	721	730	rVV2	101651	182597	35.42%	2.166%
12	5.210	730	735	747	rVV2	20481	50732	9.84%	0.602%
13	5.310	747	752	756	rVV	20364	29927	5.81%	0.355%
14	5.357	756	760	765	rVV	14024	19187	3.72%	0.228%
15	5.740	820	825	831	rVV2	21084	40579	7.87%	0.481%
16	5.798	831	835	840	rVV3	25575	37019	7.18%	0.439%
17	5.969	855	864	866	rVV2	37830	64506	12.51%	0.765%
18	5.992	867	868	873	rVB	23450	20564	3.99%	0.244%
19	6.187	893	901	905	rVV	36526	43878	8.51%	0.521%
20	6.234	905	909	914	rVB	17005	18181	3.53%	0.216%
21	6.298	914	920	931	rBV6	7975	19462	3.78%	0.231%
22	6.792	999	1004	1011	rVB	253385	228911	44.40%	2.716%
23	6.963	1025	1033	1037	rVB	353313	302998	58.77%	3.595%
24	7.010	1037	1041	1043	rBV	33652	31618	6.13%	0.375%
25	7.045	1045	1047	1051	rVB2	45309	40927	7.94%	0.486%
26	7.228	1075	1078	1082	rBV	22784	25746	4.99%	0.305%
27	7.269	1082	1085	1089	rVV	274400	233803	45.35%	2.774%
28	7.310	1089	1092	1096	rVV2	16149	20970	4.07%	0.249%

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	7.369	1099	1102	1107	rVB	25335	36193	7.02%	0.429%
30	7.445	1107	1115	1119	rVB	28063	27853	5.40%	0.330%
31	7.498	1119	1124	1128	rBV	16393	23681	4.59%	0.281%
32	7.598	1135	1141	1144	rVB	57993	53377	10.35%	0.633%
33	7.651	1144	1150	1153	rVB	50439	61211	11.87%	0.726%
34	7.698	1153	1158	1160	rBV	38944	36572	7.09%	0.434%
35	7.722	1160	1162	1166	rVB	35570	28185	5.47%	0.334%
36	7.969	1200	1204	1207	rBV	89125	79603	15.44%	0.944%
37	8.157	1231	1236	1240	rBV	465875	406137	78.78%	4.818%
38	8.216	1240	1246	1249	rBV	17612	30629	5.94%	0.363%
39	8.404	1270	1278	1284	rBV2	13916	32983	6.40%	0.391%
40	8.451	1284	1286	1289	rBV	27019	27370	5.31%	0.325%
41	8.486	1289	1292	1296	rVB	41243	47224	9.16%	0.560%
42	8.569	1297	1306	1311	rBV	290773	274452	53.24%	3.256%
43	8.616	1311	1314	1317	rVB	20233	19852	3.85%	0.236%
44	8.675	1317	1324	1326	rBV	42924	49927	9.68%	0.592%
45	8.704	1326	1329	1335	rVB	111890	105037	20.37%	1.246%
46	8.804	1342	1346	1347	rBV	15542	16624	3.22%	0.197%
47	8.839	1349	1352	1356	rVB	38688	39465	7.66%	0.468%
48	8.886	1356	1360	1365	rVB	22832	25857	5.02%	0.307%
49	8.933	1365	1368	1374	rVB2	18297	22257	4.32%	0.264%
50	9.157	1402	1406	1409	rBV	327061	271203	52.61%	3.217%
51	9.281	1420	1427	1432	rBV3	12046	26267	5.10%	0.312%
52	9.328	1432	1435	1438	rBV	90069	72878	14.14%	0.865%
53	9.445	1452	1455	1459	rVV	18648	21526	4.18%	0.255%
54	9.480	1459	1461	1467	rVV2	16406	29988	5.82%	0.356%
55	9.551	1469	1473	1475	rVV2	12906	21312	4.13%	0.253%
56	9.610	1475	1483	1487	rVV	89808	113004	21.92%	1.341%
57	9.651	1487	1490	1498	rVV3	11802	30935	6.00%	0.367%
58	9.733	1499	1504	1509	rVV2	17607	30287	5.87%	0.359%
59	9.798	1509	1515	1520	rVV2	33110	77563	15.05%	0.920%
60	9.857	1520	1525	1528	rVV3	30350	54208	10.51%	0.643%

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	9.898	1528	1532	1538	rVV3	16786	34916	6.77%	0.414%
62	9.969	1538	1544	1548	rVV	320355	279625	54.24%	3.317%
63	9.998	1548	1549	1553	rVV2	15133	17029	3.30%	0.202%
64	10.039	1553	1556	1564	rVV	136523	121893	23.64%	1.446%
65	10.110	1564	1568	1574	rVB	72202	67161	13.03%	0.797%
66	10.210	1579	1585	1589	rBV5	11398	23651	4.59%	0.281%
67	10.369	1606	1612	1619	rBV2	20954	44659	8.66%	0.530%
68	10.439	1619	1624	1626	rBV4	20163	33546	6.51%	0.398%
69	10.469	1626	1629	1632	rVB2	35779	33190	6.44%	0.394%
70	10.522	1632	1638	1641	rBV4	15983	23916	4.64%	0.284%
71	10.675	1658	1664	1678	rVB	267466	289827	56.22%	3.438%
72	10.839	1690	1692	1698	rVB	56302	53479	10.37%	0.634%
73	10.922	1698	1706	1714	rVB	216183	209961	40.73%	2.491%
74	11.122	1736	1740	1743	rVB2	23838	22380	4.34%	0.266%
75	11.157	1743	1746	1751	rBV4	24427	38864	7.54%	0.461%
76	11.227	1754	1758	1762	rVV	38902	38963	7.56%	0.462%
77	11.427	1785	1792	1800	rBV	489616	515537	100.00%	6.116%
78	11.533	1806	1810	1813	rBV	104054	94710	18.37%	1.124%
79	11.569	1813	1816	1823	rVB2	48259	61900	12.01%	0.734%
80	11.857	1861	1865	1868	rVV	72891	72545	14.07%	0.861%
81	11.898	1868	1872	1887	rVB2	39582	109629	21.27%	1.301%
82	12.121	1906	1910	1914	rBV7	9337	18010	3.49%	0.214%
83	12.204	1919	1924	1929	rVV2	38875	68113	13.21%	0.808%
84	12.251	1929	1932	1941	rVB2	22586	36855	7.15%	0.437%
85	12.469	1961	1969	1972	rBV	304190	298658	57.93%	3.543%
86	12.504	1973	1975	1980	rVV4	36157	48969	9.50%	0.581%
87	12.574	1980	1987	1997	rVB4	37895	111175	21.56%	1.319%
88	12.774	2013	2021	2029	rBV3	68849	155937	30.25%	1.850%
89	13.216	2091	2096	2100	rBV	31761	40273	7.81%	0.478%
90	13.345	2114	2118	2123	rBV3	27541	32511	6.31%	0.386%
91	13.421	2125	2131	2135	rBV2	37128	69419	13.47%	0.824%

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

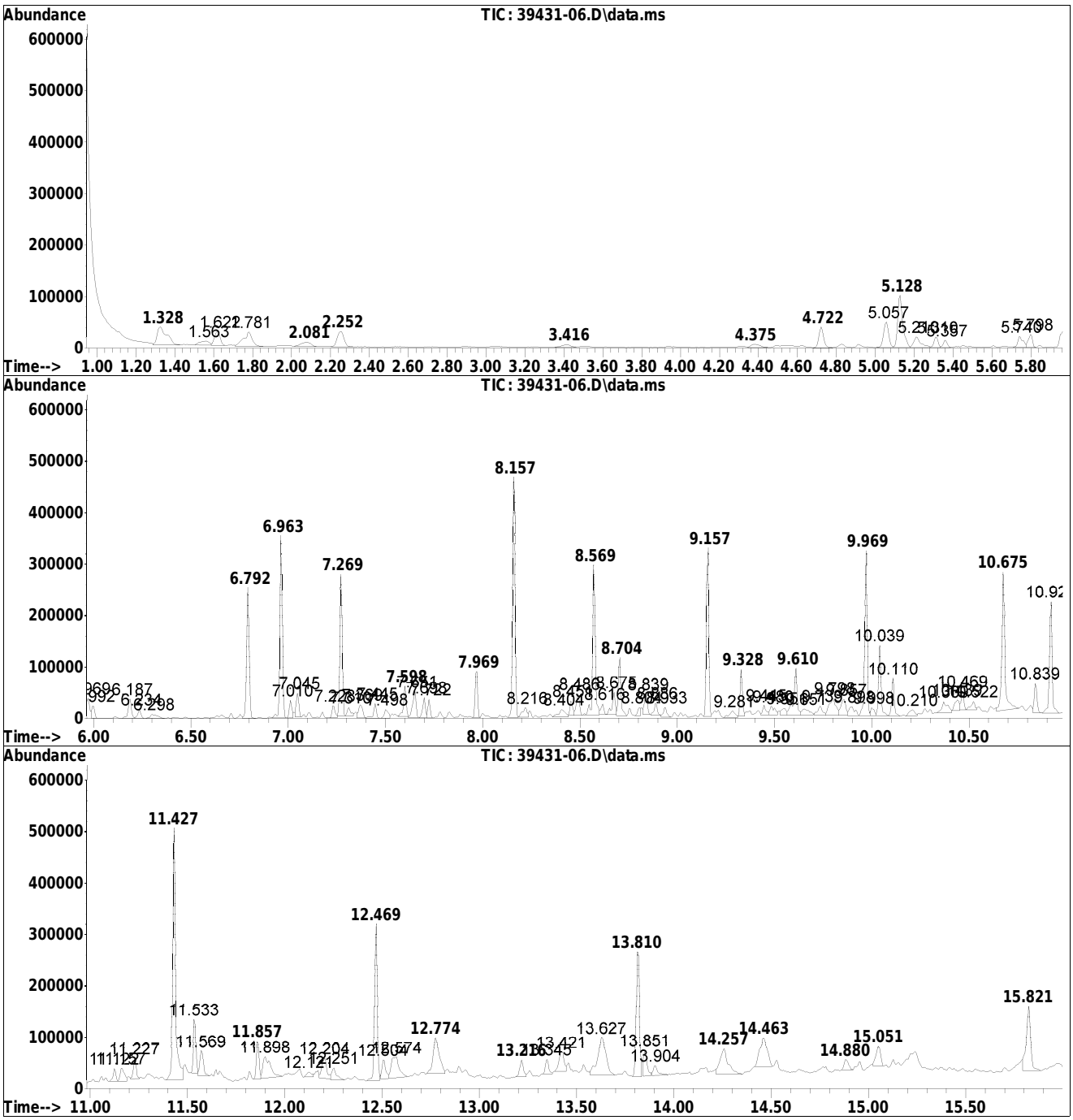
92	13.627	2156	2166	2178	rVB	72203	216722	42.04%	2.571%
93	13.810	2193	2197	2201	rBV	242109	289512	56.16%	3.435%
94	13.851	2202	2204	2209	rVV	49729	58838	11.41%	0.698%
95	13.904	2210	2213	2224	rVB	18075	29959	5.81%	0.355%
96	14.257	2266	2273	2289	rVB2	49210	141897	27.52%	1.683%
97	14.463	2300	2308	2315	rBV5	54741	147640	28.64%	1.752%
98	14.880	2376	2379	2386	rVB7	19300	29952	5.81%	0.355%
99	15.051	2403	2408	2413	rVB2	38875	63141	12.25%	0.749%
100	15.821	2534	2539	2550	rVB	124343	194523	37.73%	2.308%

Sum of corrected areas: 8429323

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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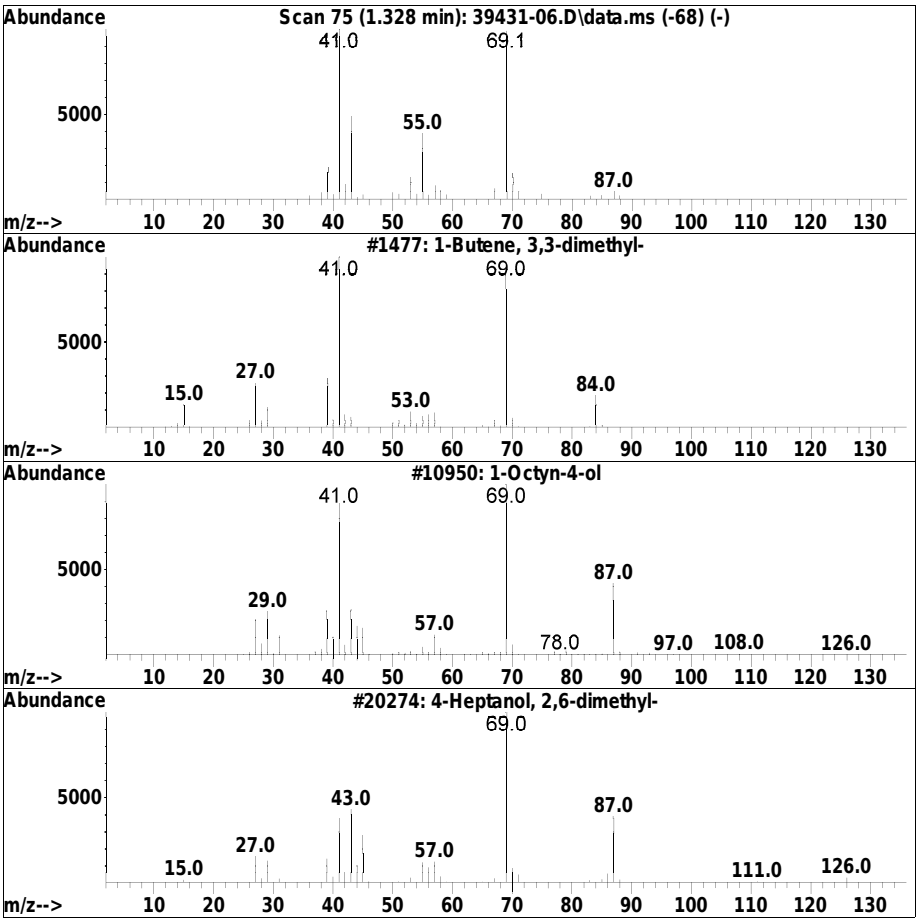
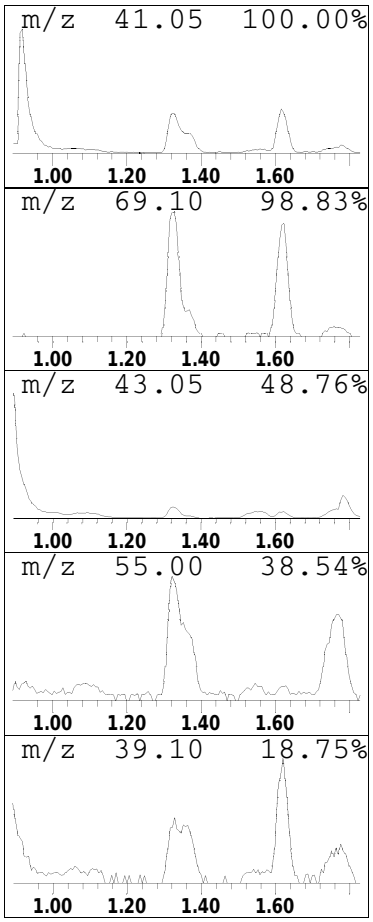
Peak Number 1 Unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.328	2.55 ug/ml	116554	IS2_1,4-Dichlorobenzene-d4	5.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	56
2	1-Octyn-4-ol	126	C8H14O	052517-92-7	38
3	4-Heptanol, 2,6-dimethyl-	144	C9H20O	000108-82-7	33
4	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	10
5	Butanal, 2-methyl-	86	C5H10O	000096-17-3	9





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

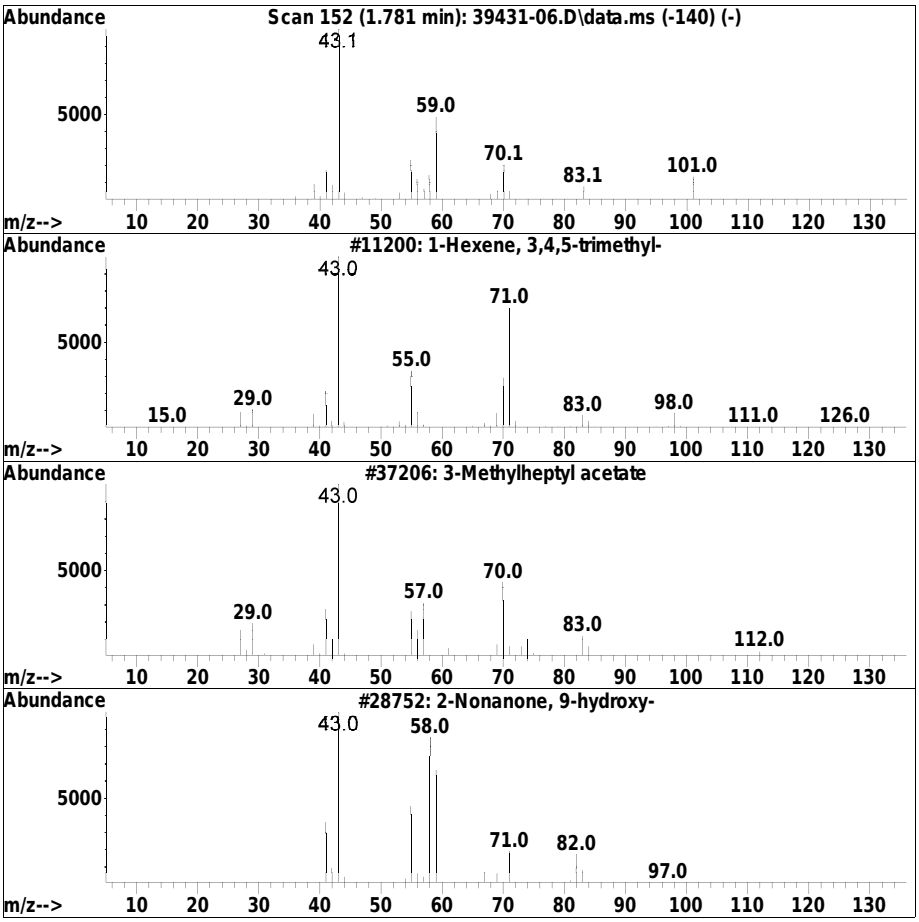
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

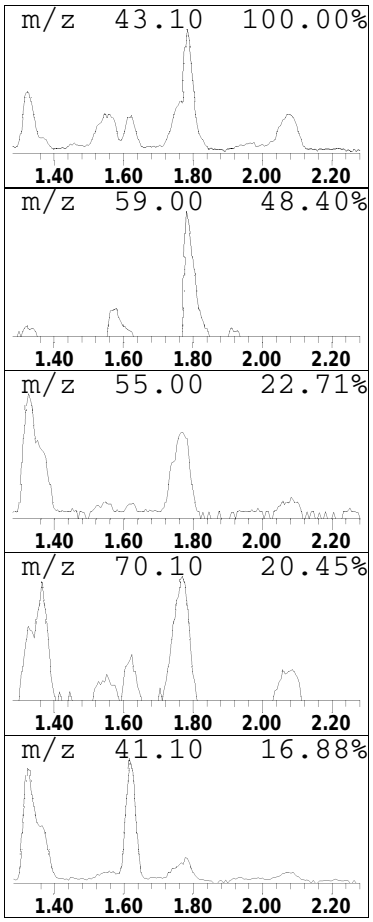
****

Peak Number 2 Unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.781	1.93 ug/ml	88179	IS2_1,4-Dichlorobenzene-d4	5.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	35
2	3-Methylheptyl acetate	172	C10H20O2	072218-58-7	25
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	23
4	Heptane, 4-azido-	141	C7H15N3	027126-22-3	12
5	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	12





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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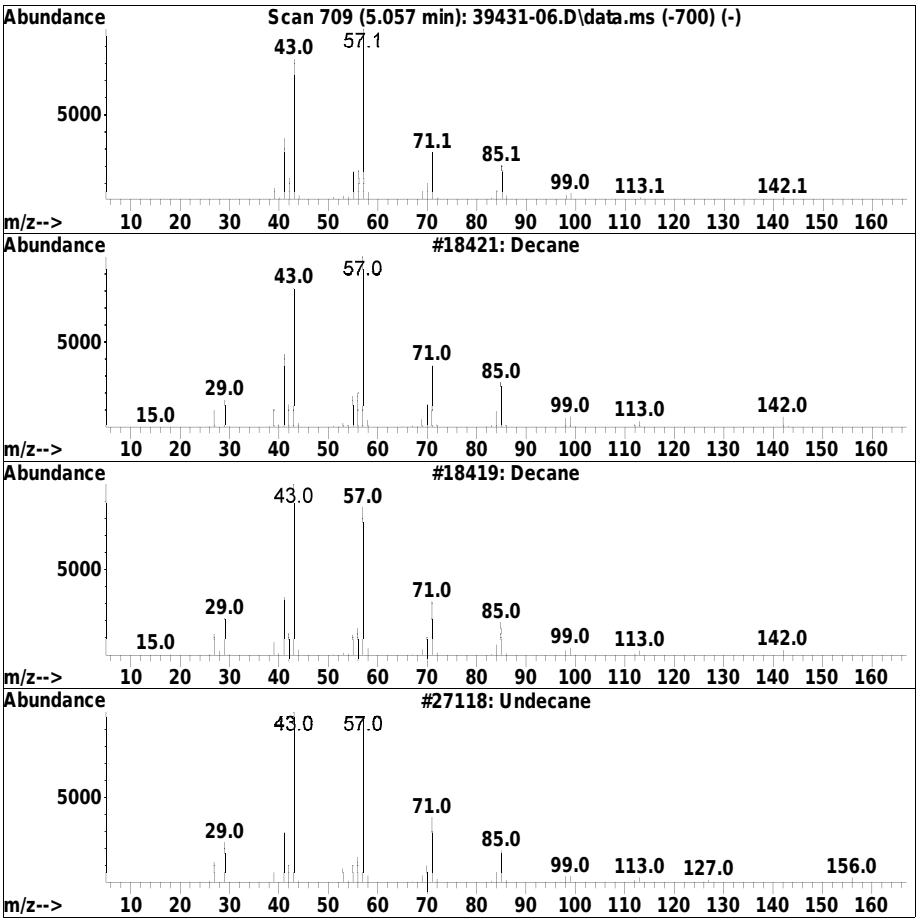
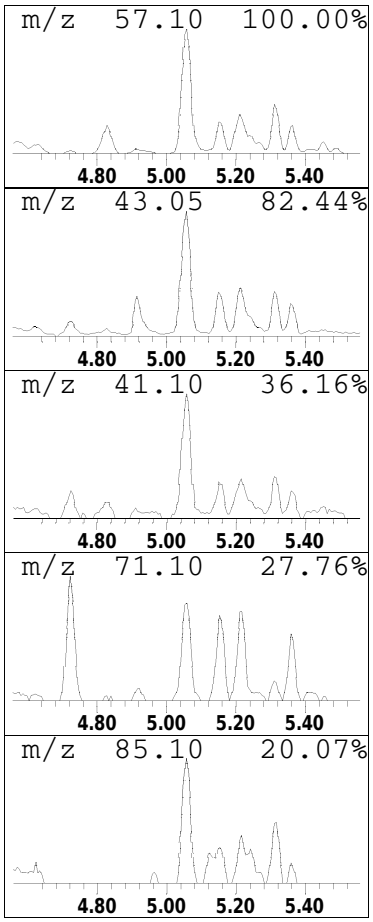
Peak Number 3 Unknown Alkane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	1.94 ug/ml	88766	IS2_1,4-Dichlorobenzene-d4	5.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	83
2	Decane	142	C10H22	000124-18-5	83
3	Undecane	156	C11H24	001120-21-4	78
4	Pentadecane	212	C15H32	000629-62-9	78
5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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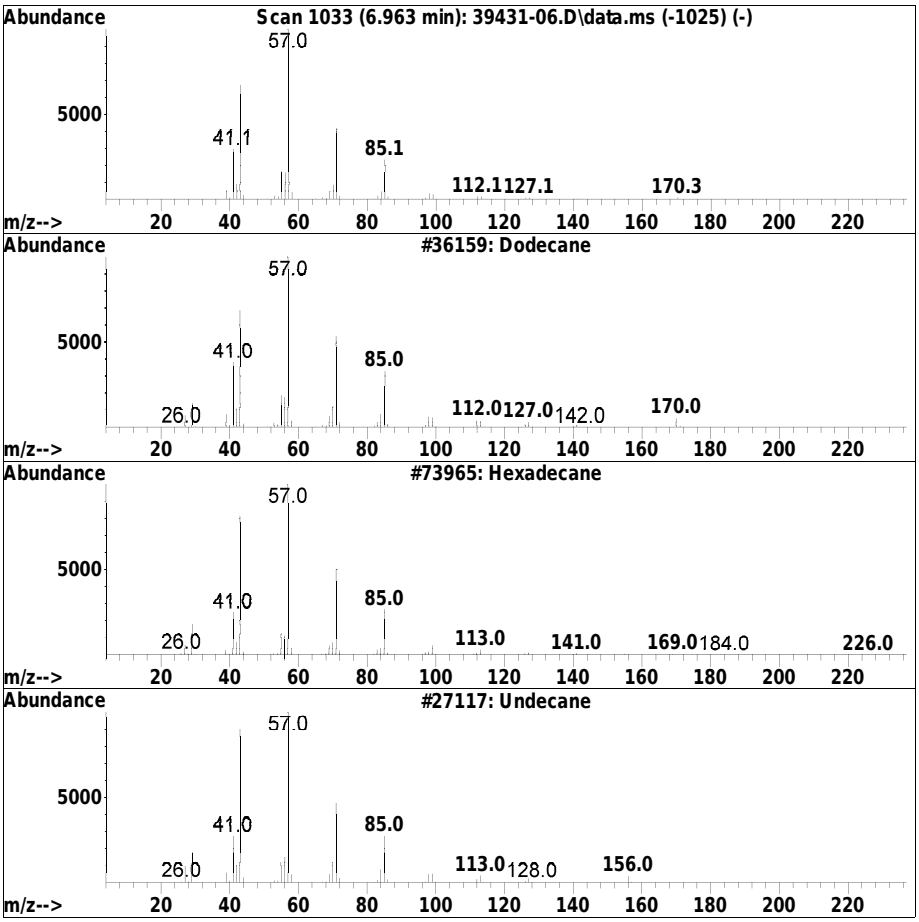
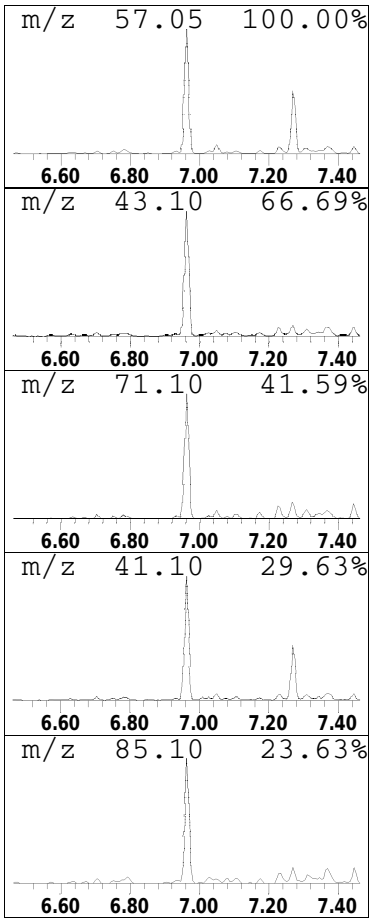
Peak Number 4 Unknown Alkane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	5.29 ug/ml	302998	IS2_Naphthalene-d8	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Hexadecane	226	C16H34	000544-76-3	78
3	Undecane	156	C11H24	001120-21-4	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Undecane	156	C11H24	001120-21-4	64





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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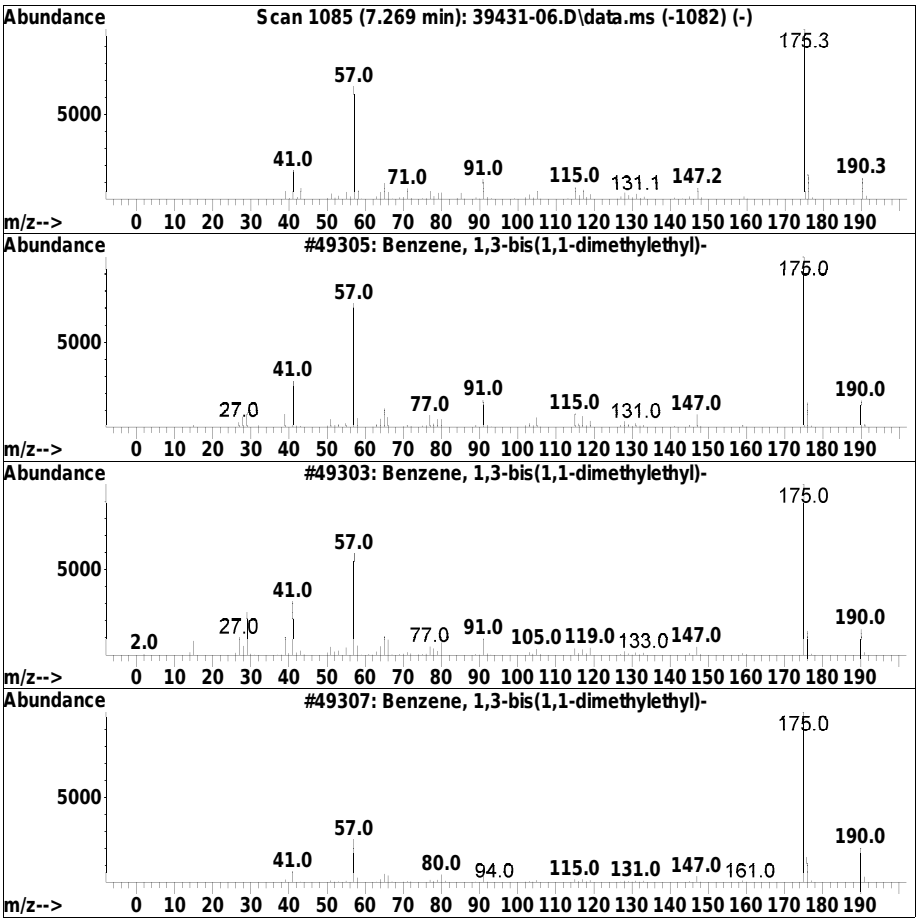
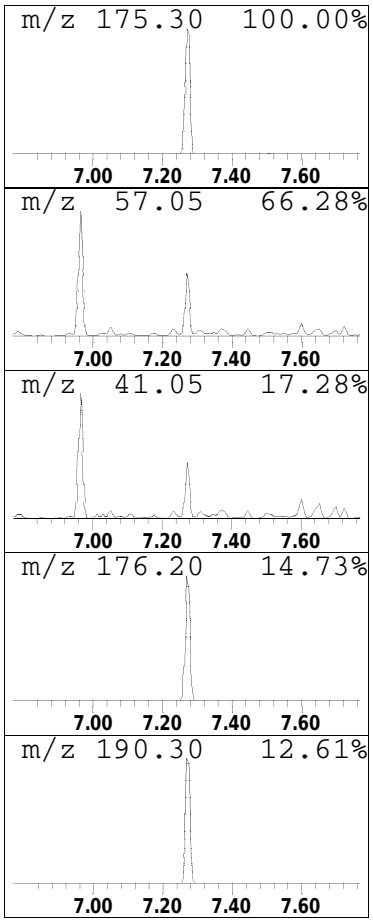
Peak Number 5 Unknown Benzene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.269	4.09 ug/ml	233803	IS2_Naphthalene-d8	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	97
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80
5	2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	59





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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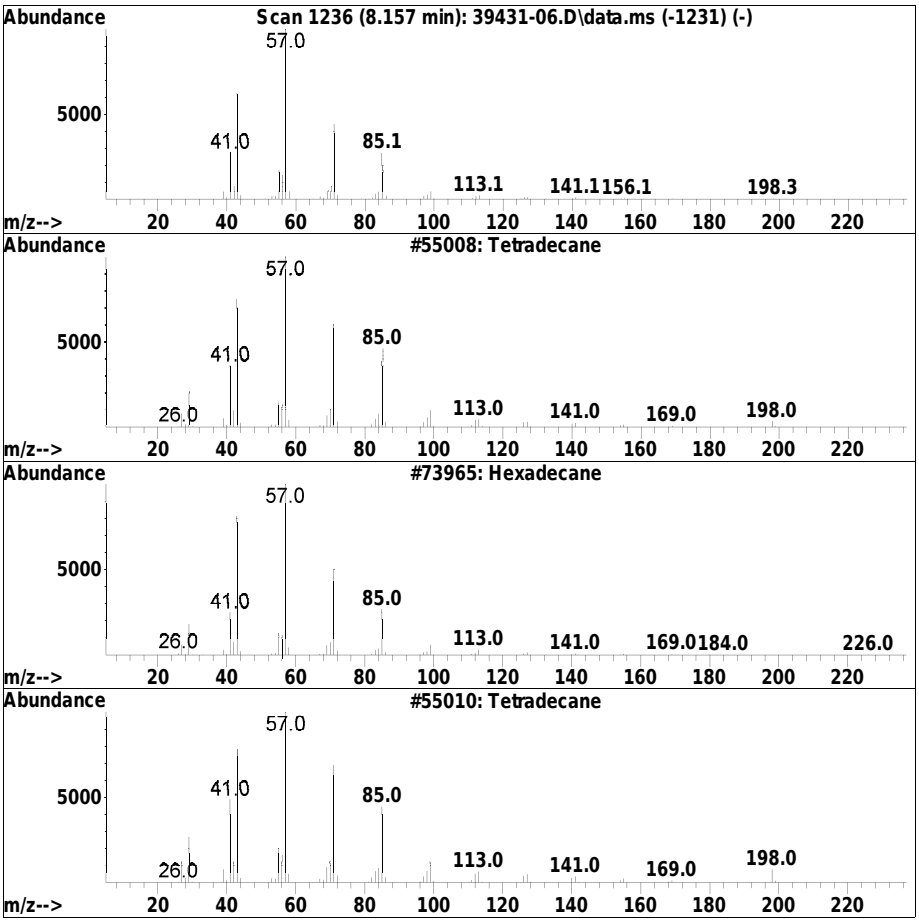
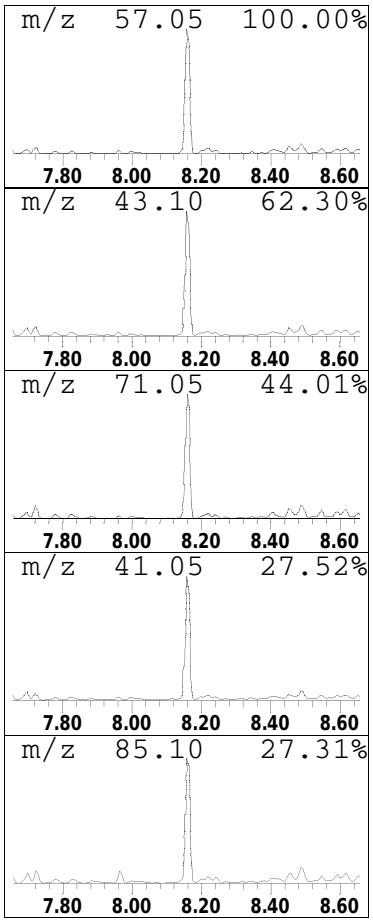
Peak Number 6 Unknown Alkane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.157	5.92 ug/ml	406137	IS1_Acenaphthene-d10	8.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetradecane	198	C14H30	000629-59-4	80
4	Pentadecane	212	C15H32	000629-62-9	78
5	Tetradecane	198	C14H30	000629-59-4	76





Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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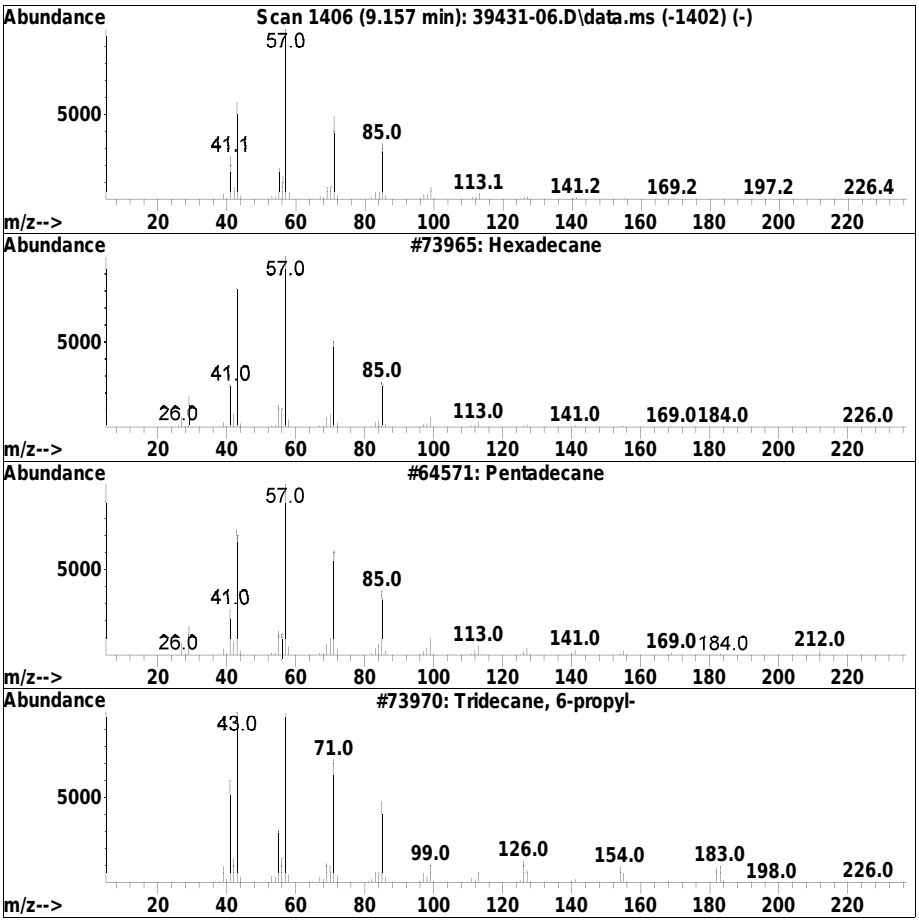
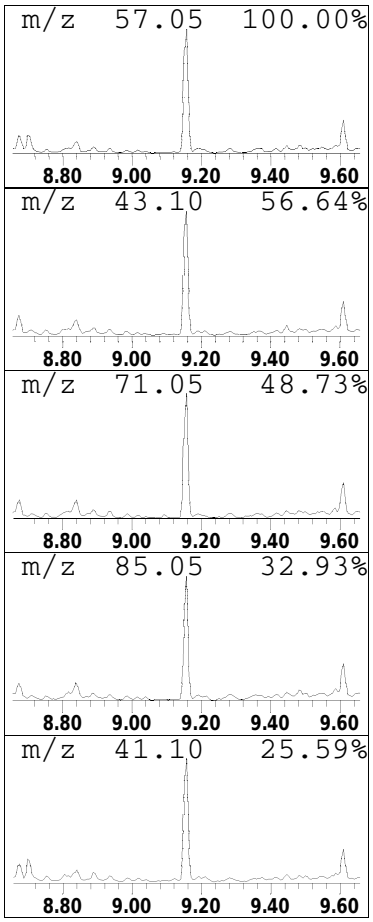
Peak Number 7 Unknown Alkane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	3.95 ug/ml	271203	IS3_Acenaphthene-d10	8.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane	212	C15H32	000629-62-9	83
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	76
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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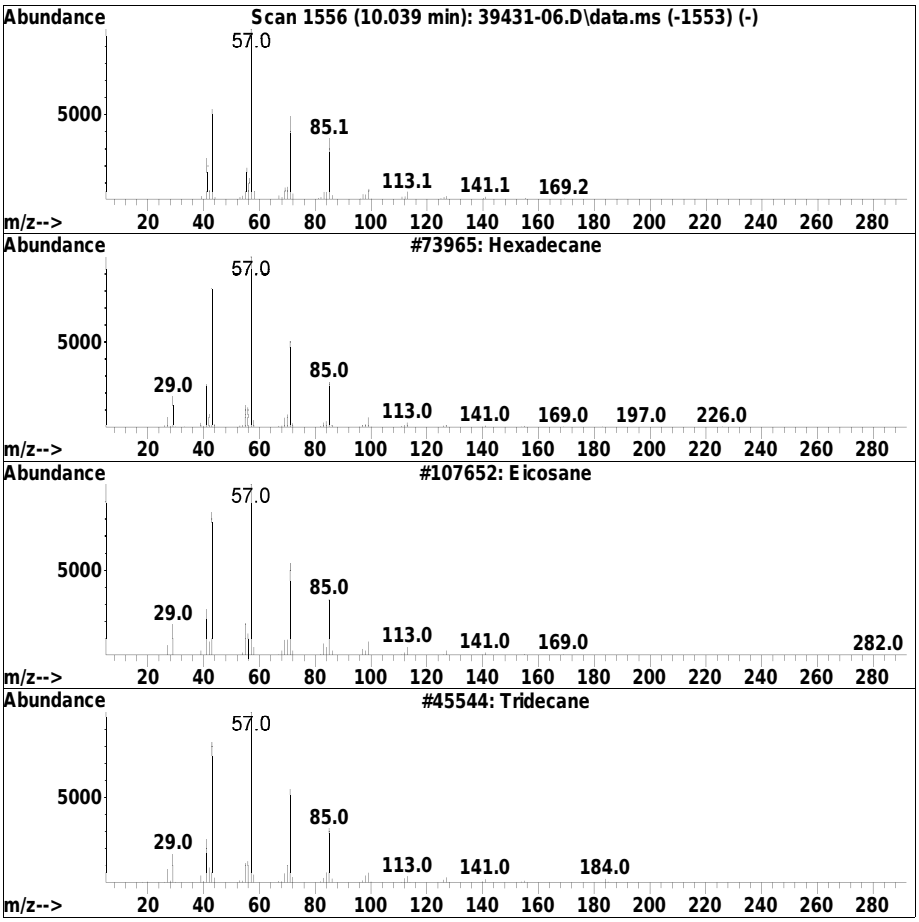
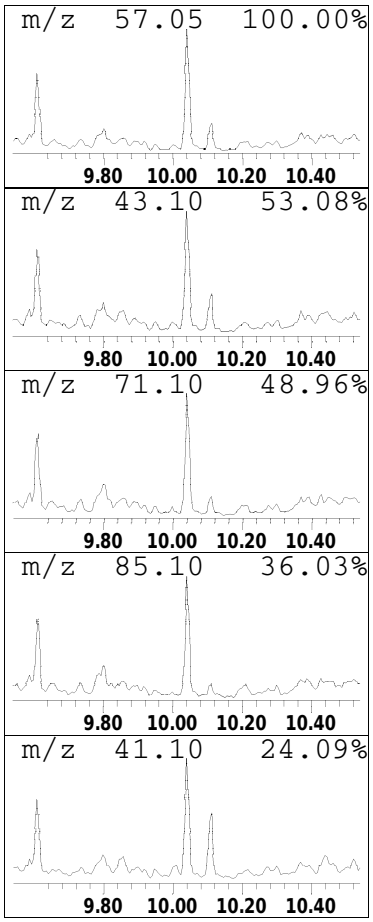
Peak Number 8 Unknown Alkane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.039	1.74 ug/ml	121893	IS3_Phenanthrene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Tridecane	184	C13H28	000629-50-5	80
4	Eicosane	282	C20H42	000112-95-8	72
5	1-Iodoundecane	282	C11H23I	004282-44-4	72





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

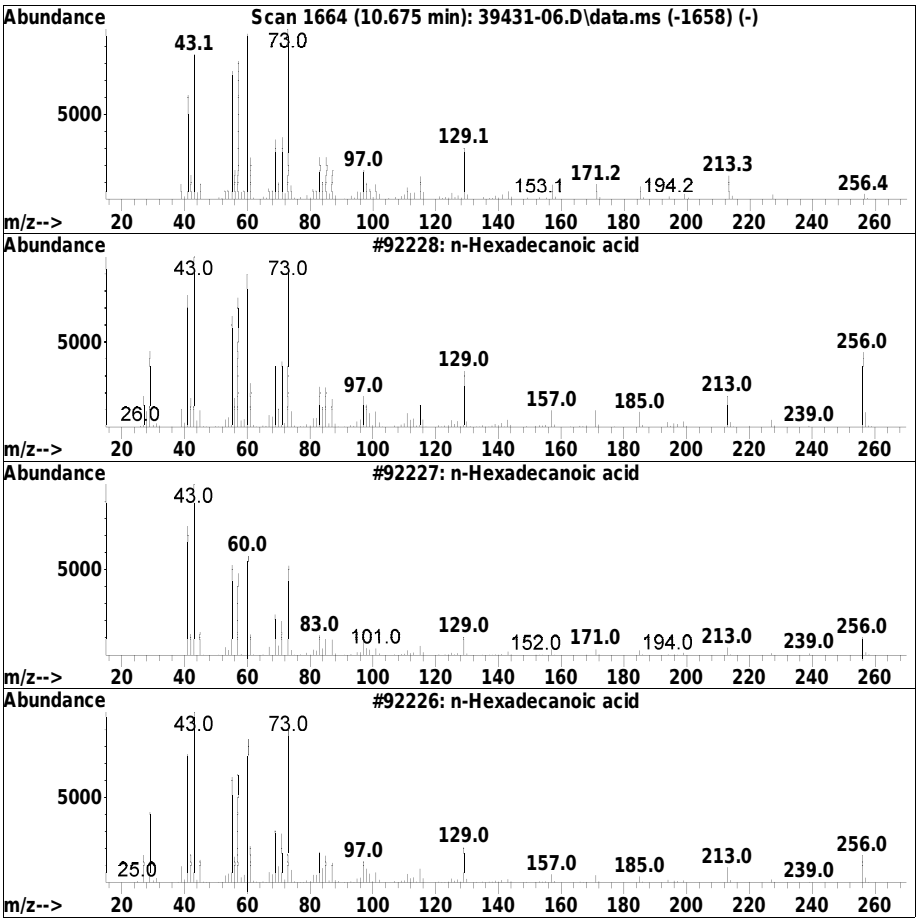
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

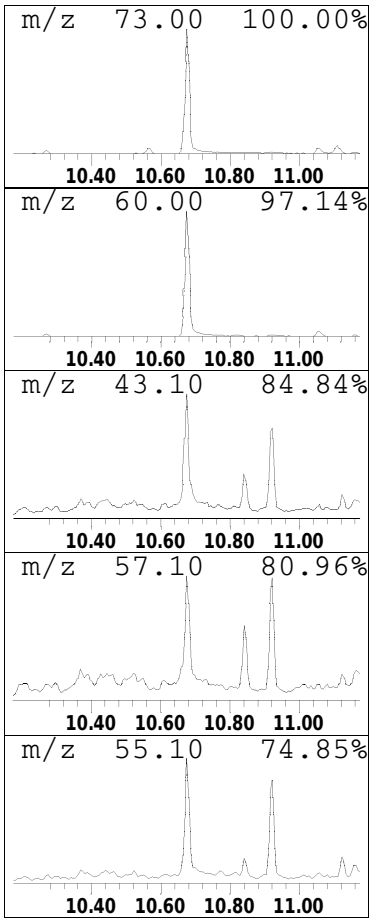
****

Peak Number 9 Unknown Organic Acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	4.15 ug/ml	289827	IS3_Phenanthrene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

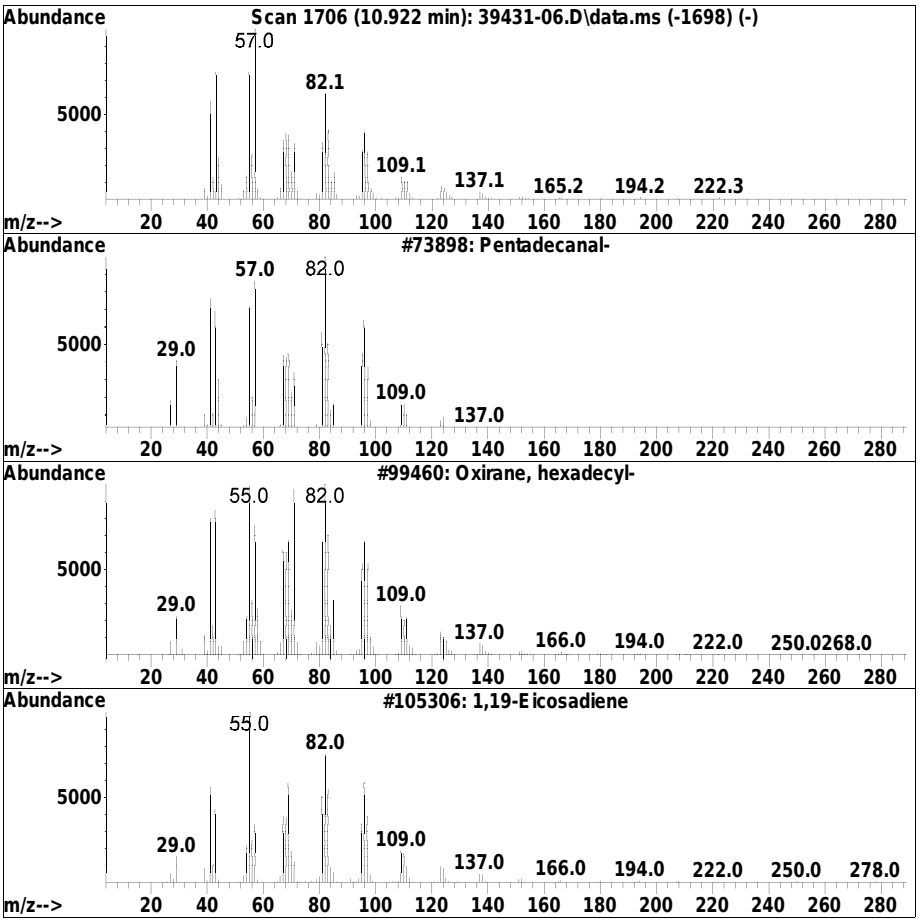
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

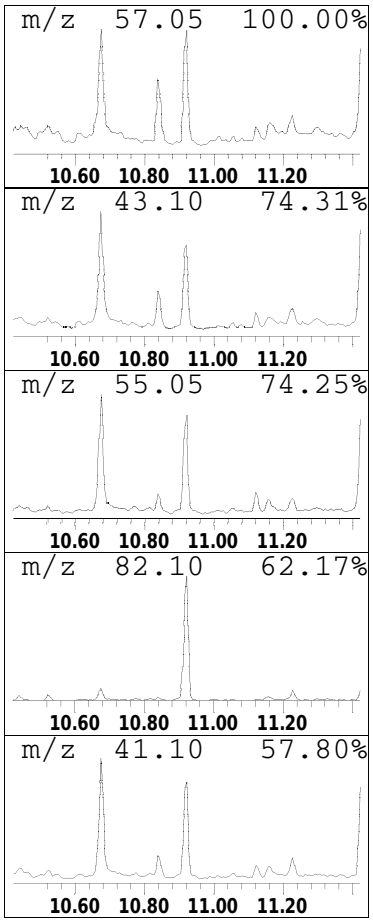
****

Peak Number 10 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.922	3.00 ug/ml	209961	IS3_Phenanthrene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanal-	226	C15H30O	002765-11-9	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	1,19-Eicosadiene	278	C20H38	014811-95-1	90
4	1,19-Eicosadiene	278	C20H38	014811-95-1	90
5	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	90





Data Path : I:\8270\SV107\2009241vi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

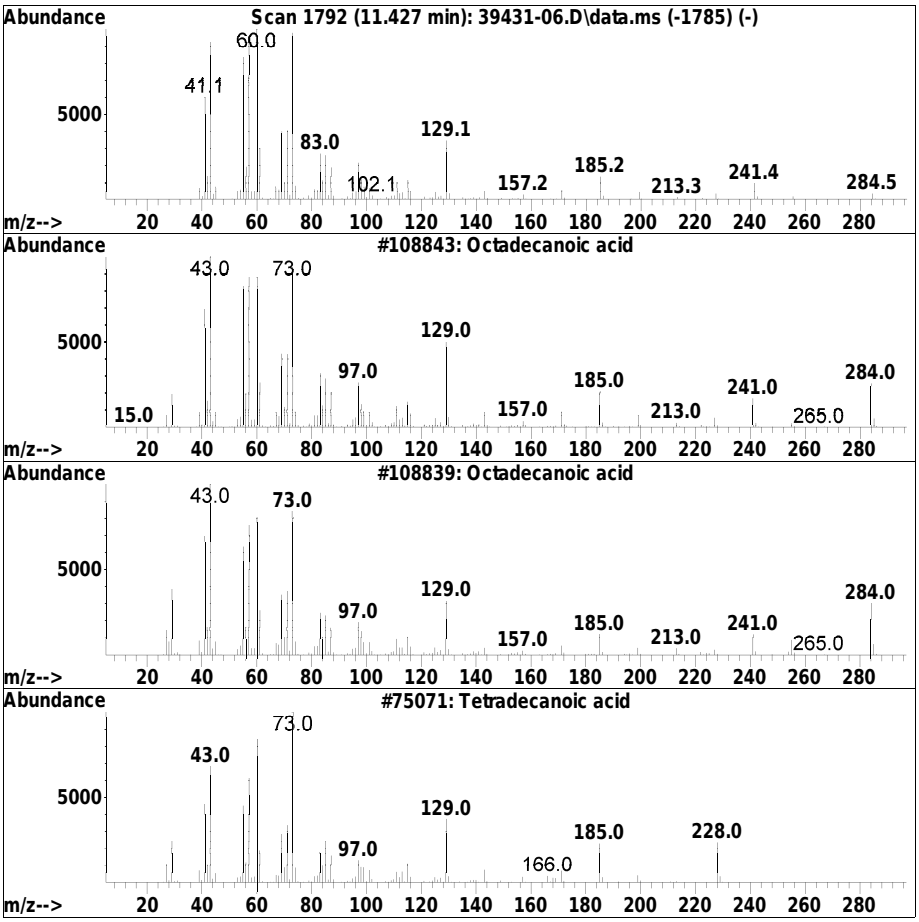
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

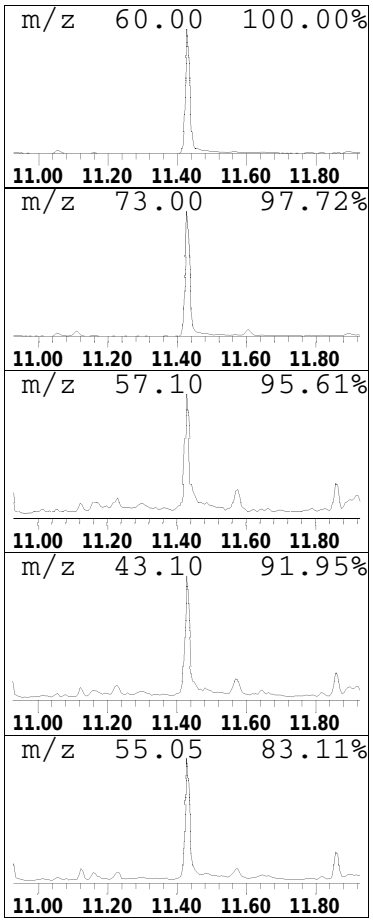
****

Peak Number 11 Unknown Organic Acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.427	6.90 ug/ml	515537	IS1_Chrysene-d12	12.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	89
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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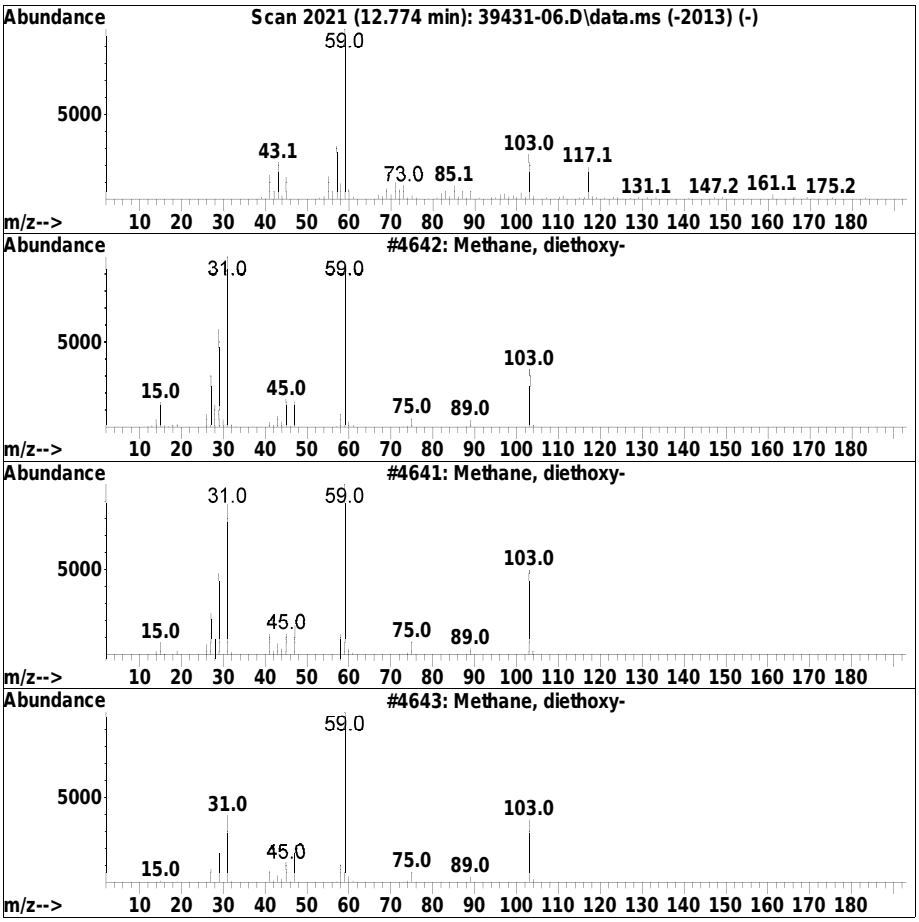
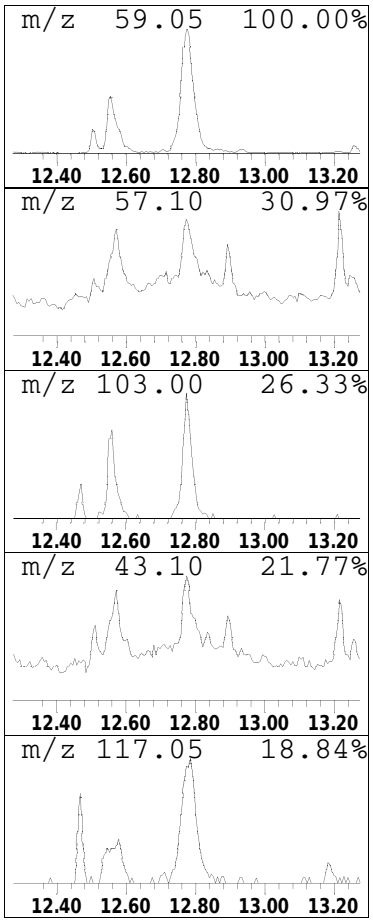
Peak Number 12 Unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.774	2.09 ug/ml	155937	IS1_Chrysene-d12	12.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, diethoxy-	104	C5H12O2	000462-95-3	58
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	53
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	53
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	50
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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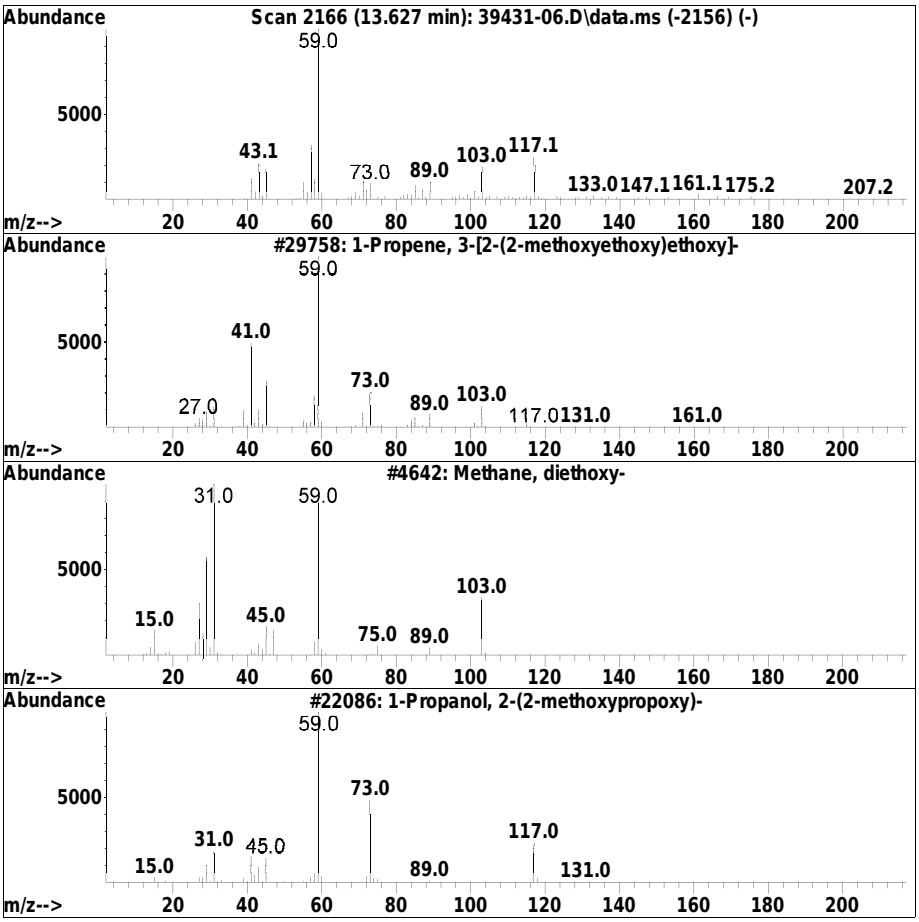
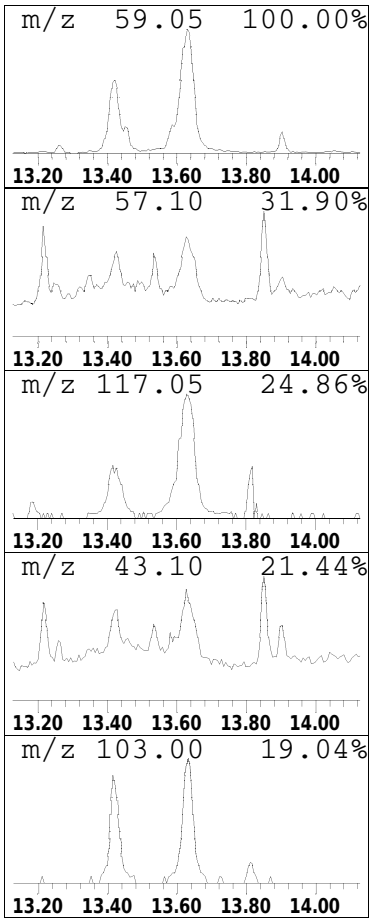
Peak Number 13 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.627	2.99 ug/ml	216722	IS1_Perylene-d12	13.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	59
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	52
3	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	50
4	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	50
5	1,2-Dideoxy-1-erythro-pentitol	120	C5H12O3	1000112-47-4	47





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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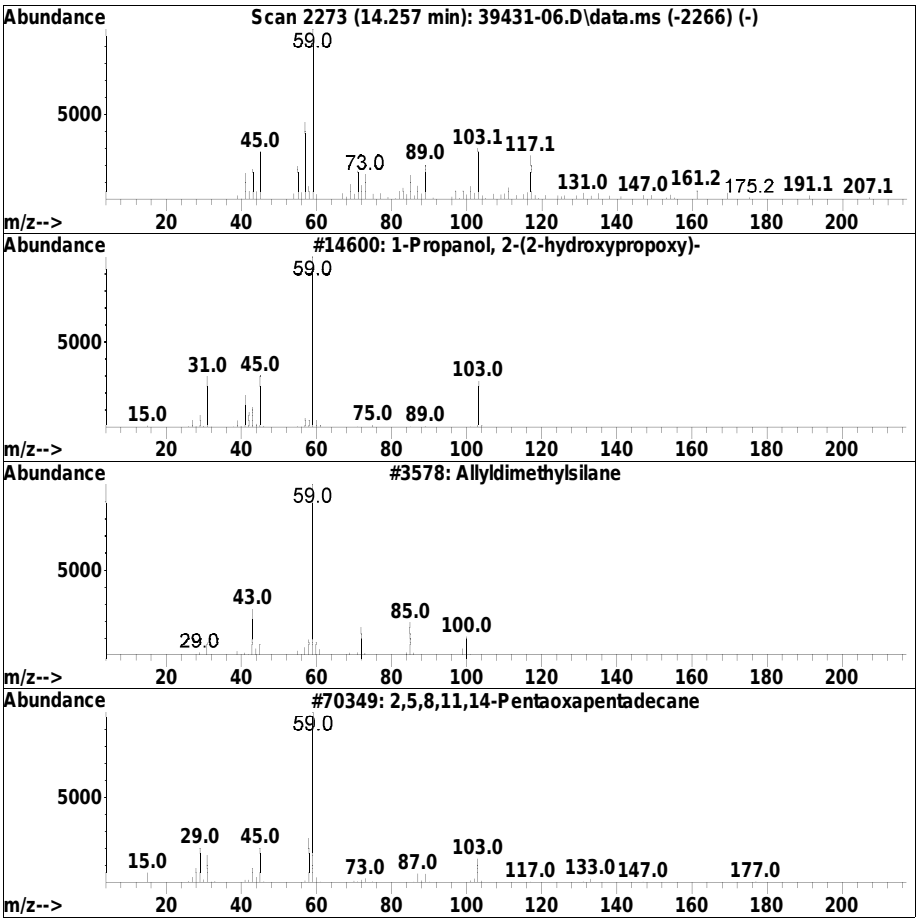
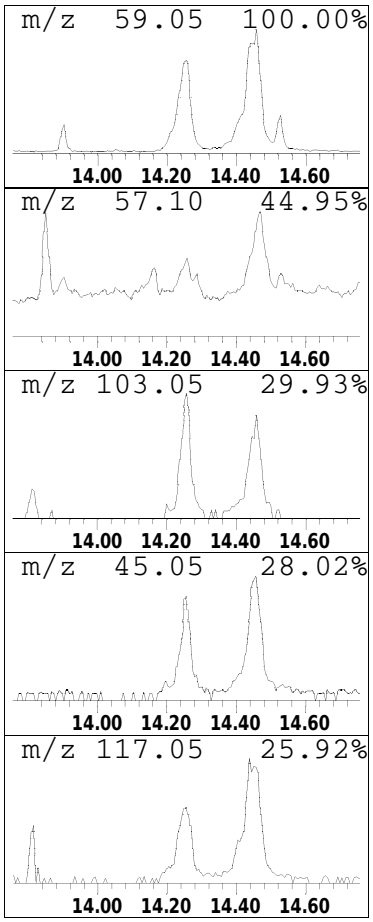
Peak Number 14 Unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	1.96 ug/ml	141897	IS1_Perylene-d12	13.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	47
2	Allyldimethylsilane	100	C5H12Si	003937-30-2	38
3	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	38
4	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	37
5	Dipropylene glycol	134	C6H14O3	025265-71-8	37





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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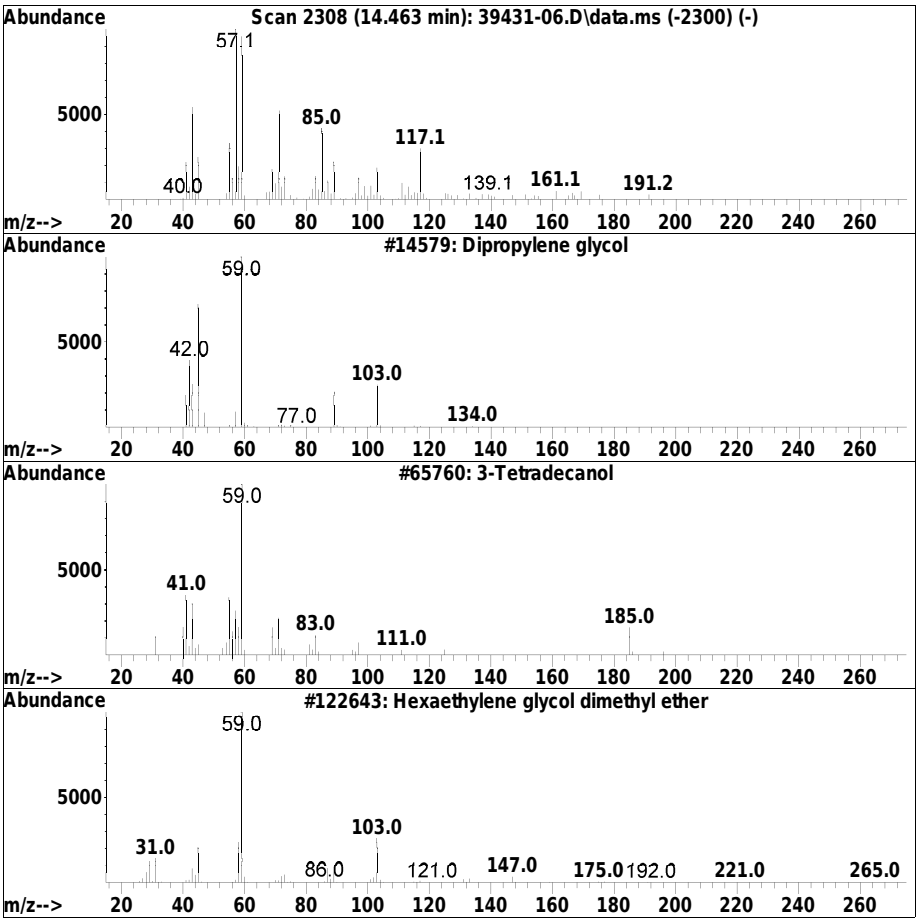
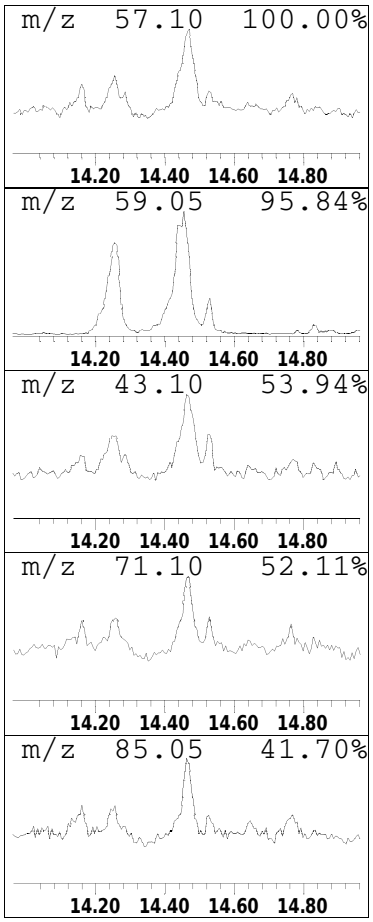
Peak Number 15 Unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	2.04 ug/ml	147640	IS1_Perylene-d12	13.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dipropylene glycol	134	C6H14O3	025265-71-8	35
2	3-Tetradecanol	214	C14H30O	001653-32-3	35
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	27
4	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	27
5	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	27





Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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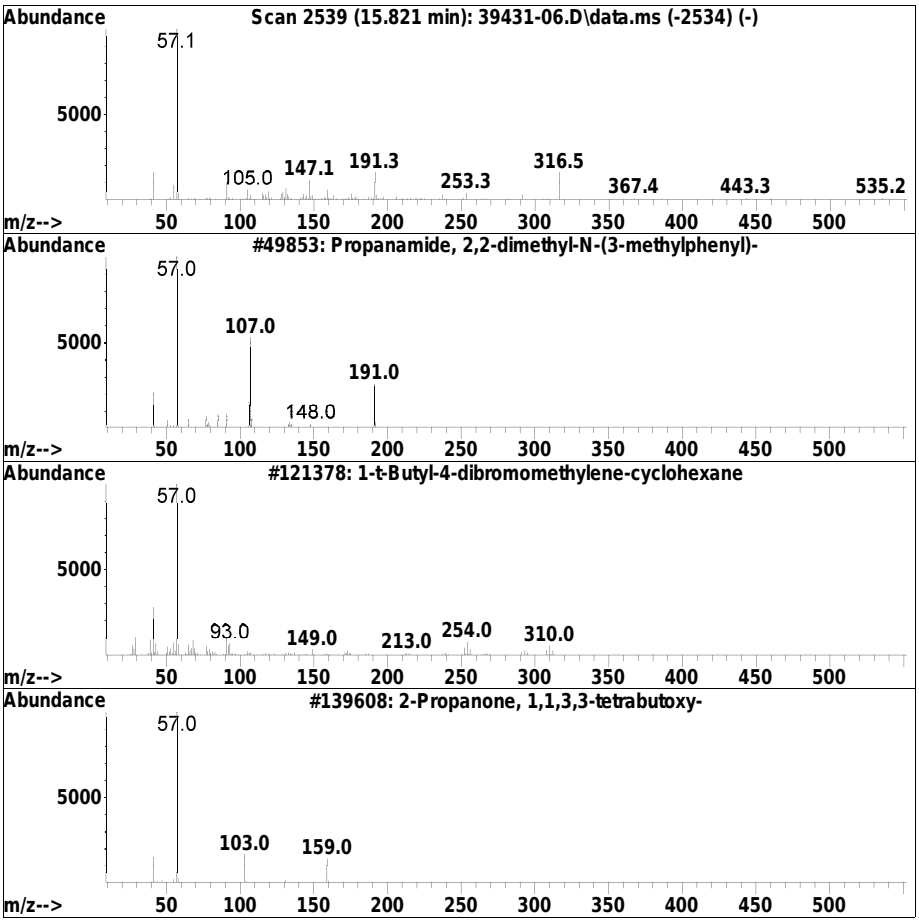
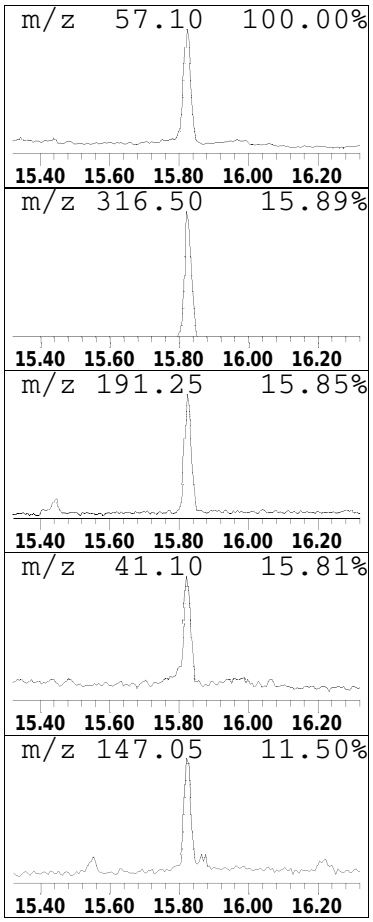
Peak Number 16 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.821	2.69 ug/ml	194523	IS1_Perylene-d12	13.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanamide, 2,2-dimethyl-N-(3-m...	191	C12H17NO	032597-29-8	14
2	1-t-Butyl-4-dibromomethylene-cyc...	308	C11H18Br2	056881-81-3	9
3	2-Propanone, 1,1,3,3-tetrabutoxy-	346	C19H38O5	113358-61-5	9
4	Propionic acid, thio-, S-heptyl ...	188	C10H20OS	002432-45-3	9
5	Pentane-1,3-diol dipropionate, 2...	230	C12H22O4	343318-72-9	9





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\200924lvi\
Data File : 39431-06.D
Acq On : 24 Sep 2020 5:48 pm
Operator : SV107:wr
Sample : L2039431-06,32,,DW
Misc : WG1414034,WG1413850,ICAL17065
ALS Vial : 17 Sample Multiplier: 1

Quant Method : i:\8270\sv107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.328	2.6	ug/ml	116554	1	5.128	182597	4.0
Unknown	1.781	1.9	ug/ml	88179	1	5.128	182597	4.0
Unknown Alkane	5.057	1.9	ug/ml	88766	1	5.128	182597	4.0
Unknown Alkane	6.963	5.3	ug/ml	302998	5	6.792	228911	4.0
Unknown Benzene	7.269	4.1	ug/ml	233803	5	6.792	228911	4.0
Unknown Alkane	8.157	5.9	ug/ml	406137	6	8.569	274452	4.0
Unknown Alkane	9.157	4.0	ug/ml	271203	8	8.569	274452	4.0
Unknown Alkane	10.039	1.7	ug/ml	121893	11	9.969	279625	4.0
Unknown Organic...	10.675	4.1	ug/ml	289827	11	9.969	279625	4.0
Unknown	10.922	3.0	ug/ml	209961	11	9.969	279625	4.0
Unknown Organic...	11.427	6.9	ug/ml	515537	12	12.469	298658	4.0
Unknown	12.774	2.1	ug/ml	155937	12	12.469	298658	4.0
Unknown	13.627	3.0	ug/ml	216722	13	13.816	289512	4.0
Unknown	14.257	2.0	ug/ml	141897	13	13.816	289512	4.0
Unknown	14.463	2.0	ug/ml	147640	13	13.816	289512	4.0
Unknown	15.821	2.7	ug/ml	194523	13	13.816	289512	4.0

Method Blank
Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\200922nlvi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 24 09:28:21 2020
Quant Method : I:\8270\SV107\200922nlvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 23 12:59:47 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\200922nlvi\ABN0922na.D
: 2 - I:\8270\SV107\200922nlvi\ADP0922n.D
: 3 - I:\8270\SV107\200922nlvi\AP90922n.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.134	150	49379	4.000	ug/ml		0.00
Standard Area 1 = 52573			Recovery = 93.92%				
27) IS2_1,4-Dichlorobenzen...	5.134	150	49379	4.000	ug/ml		0.00
Standard Area 3 = 52808			Recovery = 93.51%				
32) IS3_1,4-Dichlorobenzen...	5.134	150	49379	4.000	ug/ml		0.00
Standard Area 2 = 47083			Recovery = 104.88%				
34) IS1_Naphthalene-d8	6.798	136	126054	4.000	ug/ml	#	0.00
Standard Area 1 = 132228			Recovery = 95.33%				
54) IS2_Naphthalene-d8	6.798	136	126054	4.000	ug/ml	#	0.00
Standard Area 3 = 140425			Recovery = 89.77%				
62) IS1_Acenaphthene-d10	8.581	164	63475	4.000	ug/ml		0.00
Standard Area 1 = 68698			Recovery = 92.40%				
82) IS2_Acenaphthene-d10	8.581	164	63475	4.000	ug/ml		0.00
Standard Area 3 = 72381			Recovery = 87.70%				
85) IS3_Acenaphthene-d10	8.581	164	63475	4.000	ug/ml		0.00
Standard Area 2 = 62839			Recovery = 101.01%				
87) IS1_Phenanthrene-d10	9.980	188	120782	4.000	ug/ml	#	0.00
Standard Area 1 = 137256			Recovery = 88.00%				
99) IS3_Phenanthrene-d10	9.980	188	120782	4.000	ug/ml	#	0.00
Standard Area 2 = 128189			Recovery = 94.22%				
103) IS1_Chrysene-d12	12.474	240	86644	4.000	ug/ml	#	0.00
Standard Area 1 = 107963			Recovery = 80.25%				
112) IS1_Perylene-d12	13.821	264	67973	4.000	ug/ml		0.00
Standard Area 1 = 83691			Recovery = 81.22%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.252	112	26428	3.096	ug/ml		0.01
Spiked Amount 5.000	Range 15 - 110		Recovery = 61.92%				
7) Phenol-d6	4.728	99	27560	2.559	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 51.18%				
19) Nitrobenzene-d5	5.975	82	20838	2.146	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 85.84%				
45) 2-Fluorobiphenyl	7.975	172	43344	1.965	ug/ml		0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 78.60%				
78) 2,4,6-Tribromophenol	9.339	330	5288	2.179	ug/ml		0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 43.58%				

Data Path : I:\8270\SV107\200922nlvi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 24 09:28:21 2020
Quant Method : I:\8270\SV107\200922nlvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 23 12:59:47 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\200922nlvi\ABN0922na.D
: 2 - I:\8270\SV107\200922nlvi\ADP0922n.D
: 3 - I:\8270\SV107\200922nlvi\AP90922n.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) 4-Terphenyl-d14	11.545	244	44656	1.833	ug/ml	0.00

Spiked Amount 2.500 Range 30 - 130 Recovery = 73.32%

Target Compounds				Qvalue
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	
21) Isophorone	0.000	0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
35) Naphthalene	0.000	0	N.D.	
37) 4-Chloroaniline	0.000	0	N.D.	
40) 2-Methylnaphthalene	0.000	0	N.D.	
42) Hexachlorocyclopentadiene	0.000	0	N.D.	
46) 2-Chloronaphthalene	0.000	0	N.D.	
47) 2-Nitroaniline	0.000	0	N.D.	
50) Dimethyl phthalate	0.000	0	N.D.	
51) Acenaphthylene	0.000	0	N.D.	
52) 2,6-Dinitrotoluene	0.000	0	N.D.	
59) Caprolactam	0.000	0	N.D.	
60) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
61) Biphenyl	0.000	0	N.D.	
63) 3-Nitroaniline	0.000	0	N.D.	
64) Acenaphthene	0.000	0	N.D.	
66) Dibenzofuran	0.000	0	N.D.	
67) 2,4-Dinitrotoluene	0.000	0	N.D.	
71) Diethyl phthalate	0.000	0	N.D.	
72) Fluorene	0.000	0	N.D.	
73) 4-Chlorophenyl phenyl ...	0.000	0	N.D.	
74) 4-Nitroaniline	0.000	0	N.D.	
76) NDPA/DPA	0.000	0	N.D.	
79) 4-Bromophenyl phenyl e...	0.000	0	N.D.	
86) Atrazine	0.000	0	N.D.	
88) Phenanthrene	0.000	0	N.D.	

Data Path : I:\8270\SV107\200922nlvi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 24 09:28:21 2020
Quant Method : I:\8270\SV107\200922nlvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 23 12:59:47 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\200922nlvi\ABN0922na.D
: 2 - I:\8270\SV107\200922nlvi\ADP0922n.D
: 3 - I:\8270\SV107\200922nlvi\AP90922n.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89)	Anthracene	0.000		0	N.D.		
90)	Carbazole	0.000		0	N.D.		
91)	Di-n-butylphthalate	0.000		0	N.D.	d	
92)	Fluoranthene	0.000		0	N.D.		
94)	Pyrene	0.000		0	N.D.		
96)	Butyl benzyl phthalate	0.000		0	N.D.		
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
106)	Chrysene	0.000		0	N.D.		
107)	Bis(2-ethylhexyl)phtha...	12.674	149	2363	0.442	ug/ml#	52
108)	Di-n-octylphthalate	0.000		0	N.D.	d	
115)	Benzo(ghi)perylene	0.000		0	N.D.		

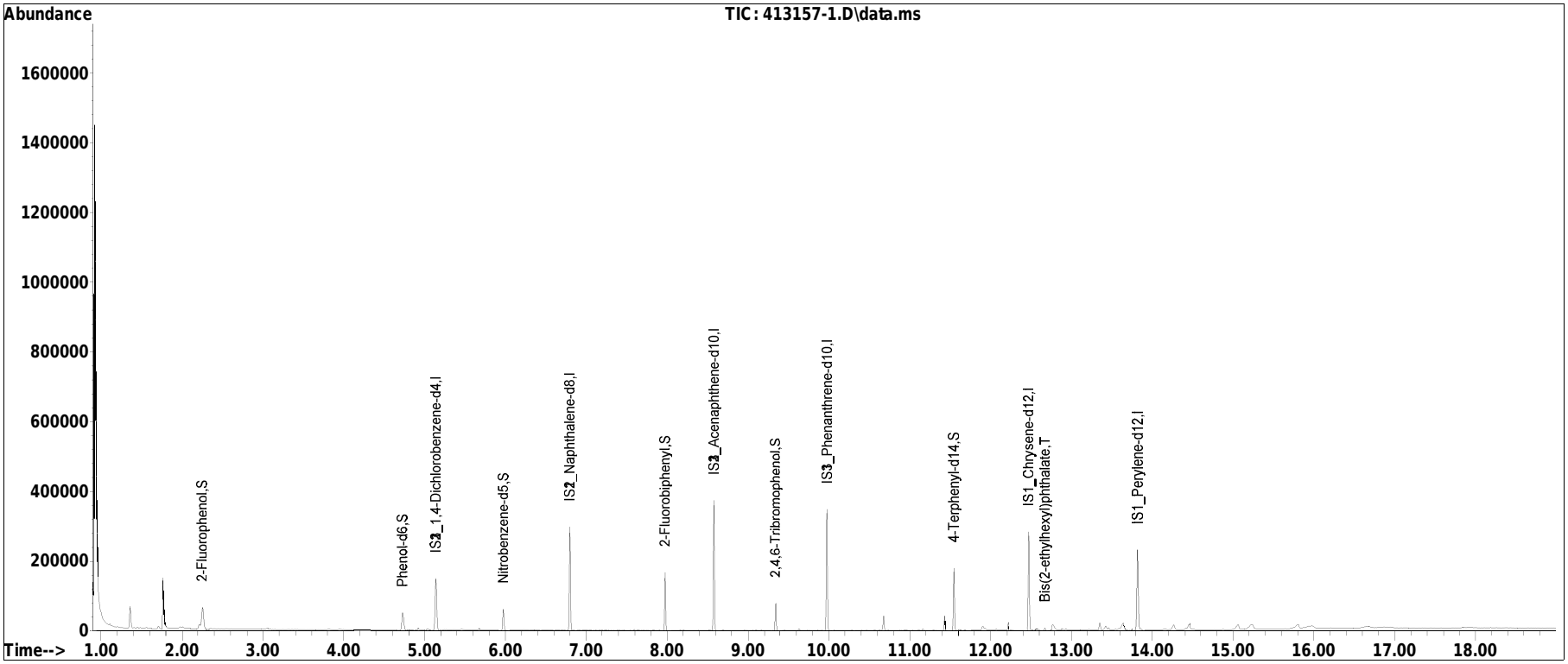
(#) = qualifier out of range (m) = manual integration (+) = signals summed

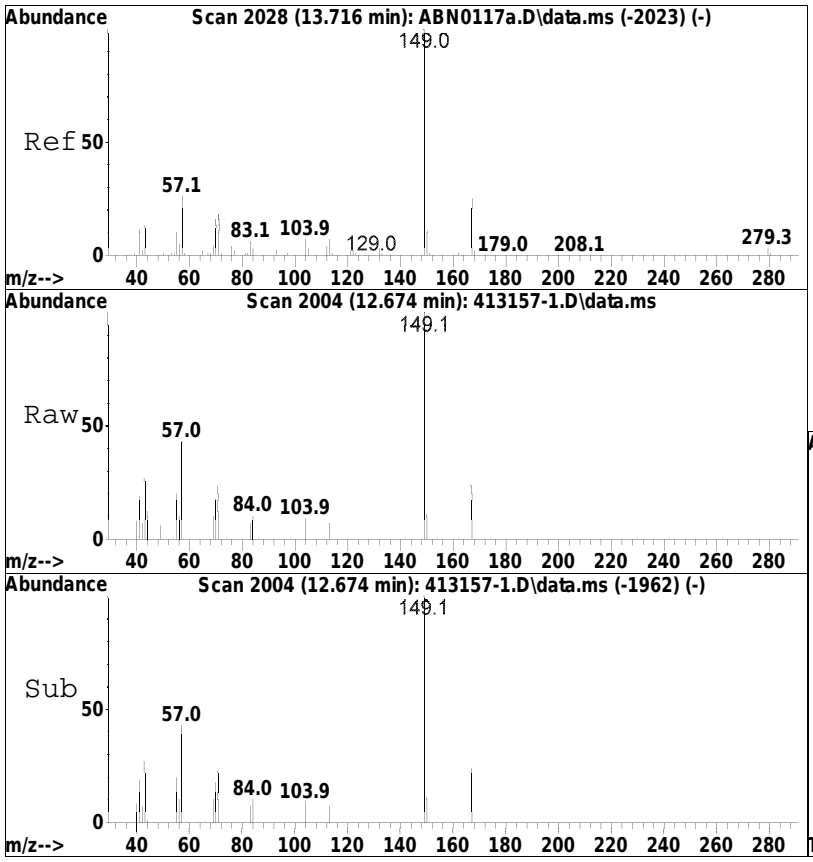
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV107\200922n1vi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 24 09:28:21 2020
Quant Method : I:\8270\SV107\200922n1vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 23 12:59:47 2020
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAn1vi\AP90922n.D••

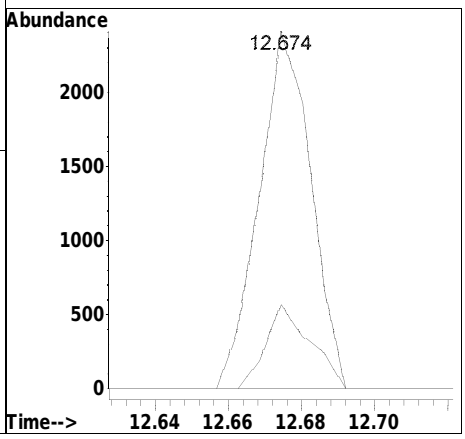




#107
Bis(2-ethylhexyl)phthalate
Concen: 0.44 ug/ml
RT: 12.674 min Scan# 2004
Delta R.T. -0.000 min
Lab File: 413157-1.D
Acq: 23 Sep 2020 8:08 am

Tgt Ion:149 Resp: 2363

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.1	33.1#
279	0.0	3.0	4.4#



Manual Integration Report

Data Path	: I:\8270\SV107\200922nlvi\	QMethod	: FS200712SV107.m
Data File	: 413157-1.D	Operator	: SV107:cb
Date Inj'd	: 9/23/2020 8:08 am	Instrument	: SV 107
Sample	: WG1413157-1,32,,jt	Quant Date	: 9/24/2020 9:27 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\200922nlvi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200922nlvi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 413157-1.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.357	76	80	86	rVB	62399	65565	20.79%	2.061%
2	1.452	93	96	98	rVB2	3474	3621	1.15%	0.114%
3	1.557	110	114	118	rVB3	3888	5339	1.69%	0.168%
4	1.705	135	139	145	rBV	7842	11158	3.54%	0.351%
5	1.757	145	148	166	rVB	144815	197514	62.64%	6.208%
6	1.975	181	185	187	rBV2	4198	5379	1.71%	0.169%
7	2.216	221	226	228	rBV	13377	18080	5.73%	0.568%
8	2.252	228	232	240	rVB	62874	98749	31.32%	3.104%
9	3.051	363	368	378	rVB5	2854	7074	2.24%	0.222%
10	3.816	495	498	510	rVB5	1751	4853	1.54%	0.153%
11	3.946	516	520	524	rBV2	1663	2892	0.92%	0.091%
12	4.728	647	653	664	rVB	50782	76991	24.42%	2.420%
13	4.922	681	686	694	rVB	5062	7828	2.48%	0.246%
14	5.034	702	705	713	rVB	3877	6530	2.07%	0.205%
15	5.134	716	722	730	rVB	149412	193477	61.36%	6.081%
16	5.457	773	777	782	rBV2	2763	3361	1.07%	0.106%
17	5.675	811	814	822	rBV	4779	6000	1.90%	0.189%
18	5.975	861	865	871	rVB	61322	60885	19.31%	1.914%
19	6.222	903	907	913	rVB3	2135	3036	0.96%	0.095%
20	6.540	958	961	964	rVB	2200	2128	0.67%	0.067%
21	6.798	1001	1005	1012	rVV	296786	262467	83.24%	8.249%
22	6.857	1012	1015	1021	rVB4	944	1542	0.49%	0.048%
23	7.163	1063	1067	1070	rBV3	804	1245	0.39%	0.039%
24	7.592	1137	1140	1143	rBV2	2640	2036	0.65%	0.064%
25	7.634	1144	1147	1154	rVB	1850	1764	0.56%	0.055%
26	7.828	1176	1180	1187	rBV3	1120	1244	0.39%	0.039%
27	7.975	1198	1205	1211	rBV	167111	131318	41.65%	4.127%
28	8.204	1240	1244	1249	rBV2	1743	1454	0.46%	0.046%

Data Path : I:\8270\SV107\200922nlvi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200922nlvi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

29	8.528	1295	1299	1302	rBV	1805	1734	0.55%	0.054%
30	8.581	1304	1308	1315	rBV	373698	297490	94.34%	9.350%
31	8.698	1322	1328	1333	rVB	2055	2598	0.82%	0.082%
32	8.851	1351	1354	1358	rBV	835	1130	0.36%	0.036%
33	8.892	1358	1361	1366	rVB3	628	1074	0.34%	0.034%
34	8.951	1366	1371	1375	rBV2	1345	1761	0.56%	0.055%
35	9.104	1393	1397	1400	rVB	2202	2320	0.74%	0.073%
36	9.304	1426	1431	1433	rBV	1631	1765	0.56%	0.055%
37	9.339	1433	1437	1442	rVB	78873	68966	21.87%	2.168%
38	9.628	1483	1486	1492	rBV4	4395	4626	1.47%	0.145%
39	9.757	1502	1508	1510	rBV4	701	1046	0.33%	0.033%
40	9.980	1540	1546	1551	rBV	348108	315323	100.00%	9.911%
41	10.033	1553	1555	1559	rVB	950	1044	0.33%	0.033%
42	10.286	1595	1598	1601	rVB	2207	2220	0.70%	0.070%
43	10.475	1622	1630	1633	rBV3	1227	1665	0.53%	0.052%
44	10.569	1639	1646	1653	rVB	2369	3090	0.98%	0.097%
45	10.633	1653	1657	1659	rBV3	1558	1478	0.47%	0.046%
46	10.680	1659	1665	1671	rBV2	40786	37570	11.91%	1.181%
47	10.733	1671	1674	1678	rBV	1551	1408	0.45%	0.044%
48	10.875	1692	1698	1700	rBV2	788	1186	0.38%	0.037%
49	10.939	1704	1709	1715	rBV5	1583	3769	1.20%	0.118%
50	11.027	1719	1724	1727	rBV4	799	1106	0.35%	0.035%
51	11.116	1736	1739	1743	rBV	3159	3119	0.99%	0.098%
52	11.163	1743	1747	1753	rBV3	4601	5184	1.64%	0.163%
53	11.292	1764	1769	1773	rBV	1527	1878	0.60%	0.059%
54	11.433	1788	1793	1799	rBV	41011	36151	11.46%	1.136%
55	11.545	1807	1812	1820	rVV	178849	142907	45.32%	4.492%
56	11.610	1821	1823	1829	rVV2	3604	5220	1.66%	0.164%
57	11.686	1830	1836	1840	rVB3	2706	4731	1.50%	0.149%
58	11.863	1862	1866	1869	rBV3	2176	1877	0.60%	0.059%
59	11.904	1869	1873	1890	rVB3	10574	26788	8.50%	0.842%
60	12.033	1890	1895	1897	rBV2	707	1295	0.41%	0.041%

LSC Area Percent Report

Data Path : I:\8270\SV107\200922nlvi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200922nlvi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

61	12.069	1897	1901	1906	rVB	3593	3548	1.13%	0.112%
62	12.216	1919	1926	1930	rBV	21780	21063	6.68%	0.662%
63	12.257	1930	1933	1936	rVV2	2150	2205	0.70%	0.069%
64	12.280	1936	1937	1944	rVB3	829	1110	0.35%	0.035%
65	12.386	1952	1955	1959	rVB2	806	1190	0.38%	0.037%
66	12.474	1963	1970	1978	rBV	283101	280062	88.82%	8.802%
67	12.569	1982	1986	1998	rVB3	6939	15227	4.83%	0.479%
68	12.674	1998	2004	2009	rBV	8506	9102	2.89%	0.286%
69	12.721	2009	2012	2014	rVV	1967	1988	0.63%	0.062%
70	12.780	2014	2022	2035	rVV3	15167	38664	12.26%	1.215%
71	12.886	2036	2040	2042	rVV	4685	3292	1.04%	0.103%
72	12.933	2045	2048	2054	rVB	4355	5339	1.69%	0.168%
73	13.004	2054	2060	2065	rBV3	1357	2543	0.81%	0.080%
74	13.227	2090	2098	2104	rVB	2417	3534	1.12%	0.111%
75	13.351	2115	2119	2124	rVV	19914	24015	7.62%	0.755%
76	13.427	2124	2132	2136	rVV2	11374	23230	7.37%	0.730%
77	13.463	2136	2138	2146	rVV4	6617	8828	2.80%	0.277%
78	13.545	2146	2152	2155	rVV2	3565	6010	1.91%	0.189%
79	13.592	2155	2160	2161	rVV3	4415	7643	2.42%	0.240%
80	13.639	2161	2168	2179	rVV	19773	51373	16.29%	1.615%
81	13.757	2183	2188	2194	rVV3	4495	7020	2.23%	0.221%
82	13.821	2194	2199	2212	rVV	231736	237975	75.47%	7.480%
83	13.910	2212	2214	2220	rVB2	1092	1412	0.45%	0.044%
84	13.963	2220	2223	2226	rBV4	769	1043	0.33%	0.033%
85	13.998	2226	2229	2234	rVB3	910	1715	0.54%	0.054%
86	14.051	2234	2238	2242	rBV2	740	1376	0.44%	0.043%
87	14.145	2247	2254	2256	rBV2	3240	4291	1.36%	0.135%
88	14.210	2262	2265	2267	rBV3	1398	1480	0.47%	0.047%
89	14.263	2267	2274	2284	rVB2	13910	27466	8.71%	0.863%
90	14.351	2286	2289	2293	rBV2	927	1817	0.58%	0.057%
91	14.463	2293	2308	2315	rBV2	18268	54208	17.19%	1.704%

LSC Area Percent Report

Data Path : I:\8270\SV107\200922nlvi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\200922nlvi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

92	14.521	2315	2318	2323	rVB3	3218	4286	1.36%	0.135%
93	14.768	2357	2360	2368	rVB4	1651	2863	0.91%	0.090%
94	14.839	2368	2372	2374	rBV3	681	1081	0.34%	0.034%
95	14.880	2374	2379	2383	rVV3	1948	3407	1.08%	0.107%
96	15.057	2391	2409	2418	rBV3	15652	46498	14.75%	1.461%
97	15.227	2428	2438	2449	rVB6	13392	47173	14.96%	1.483%
98	15.339	2454	2457	2465	rVB7	1601	3239	1.03%	0.102%
99	15.557	2489	2494	2497	rBV6	1659	3220	1.02%	0.101%
100	15.804	2518	2536	2544	rBV4	13123	53106	16.84%	1.669%

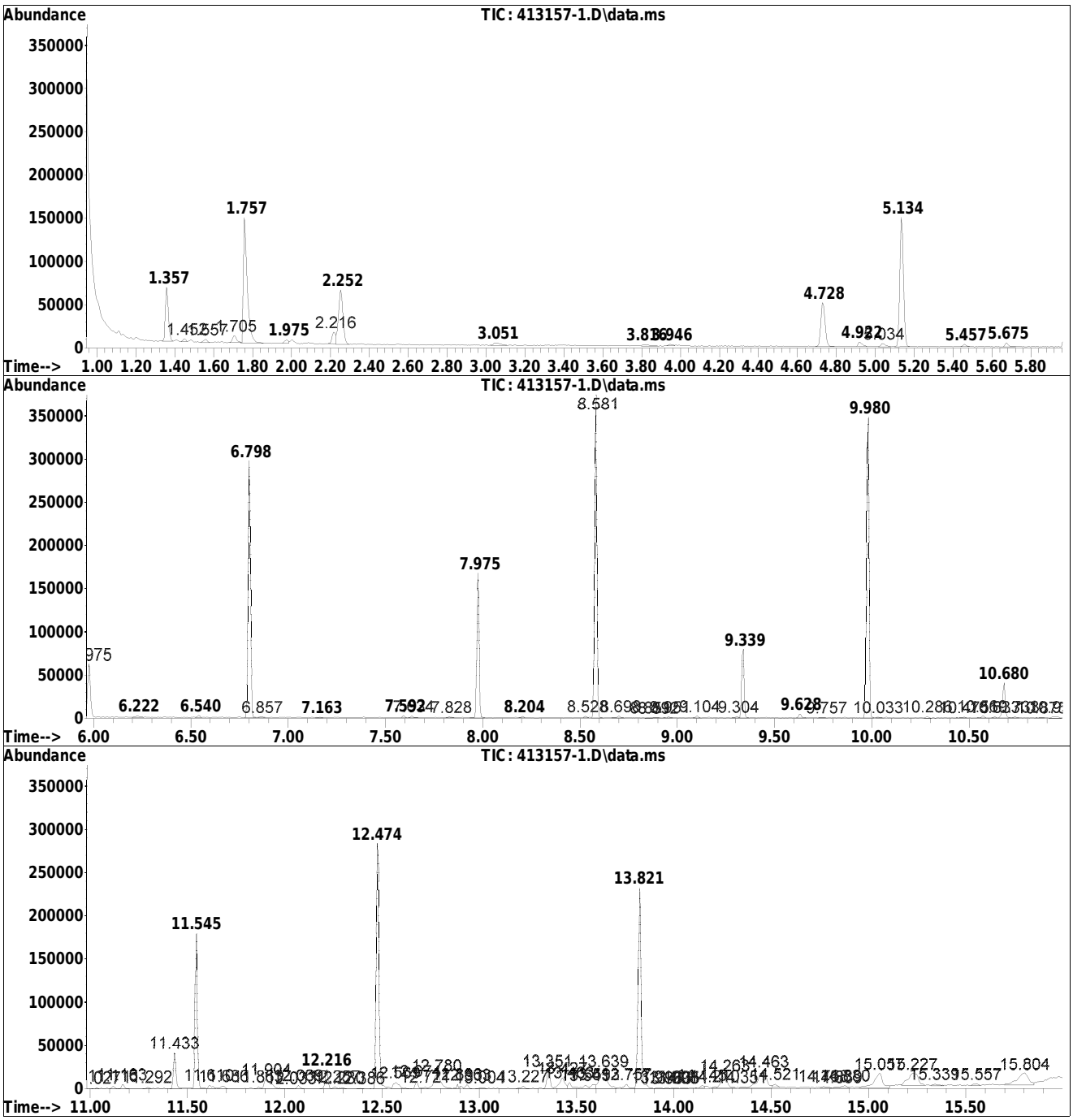
Sum of corrected areas: 3181691

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV107\200922n1vi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200922n1vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\200922n1vi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200922n1vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

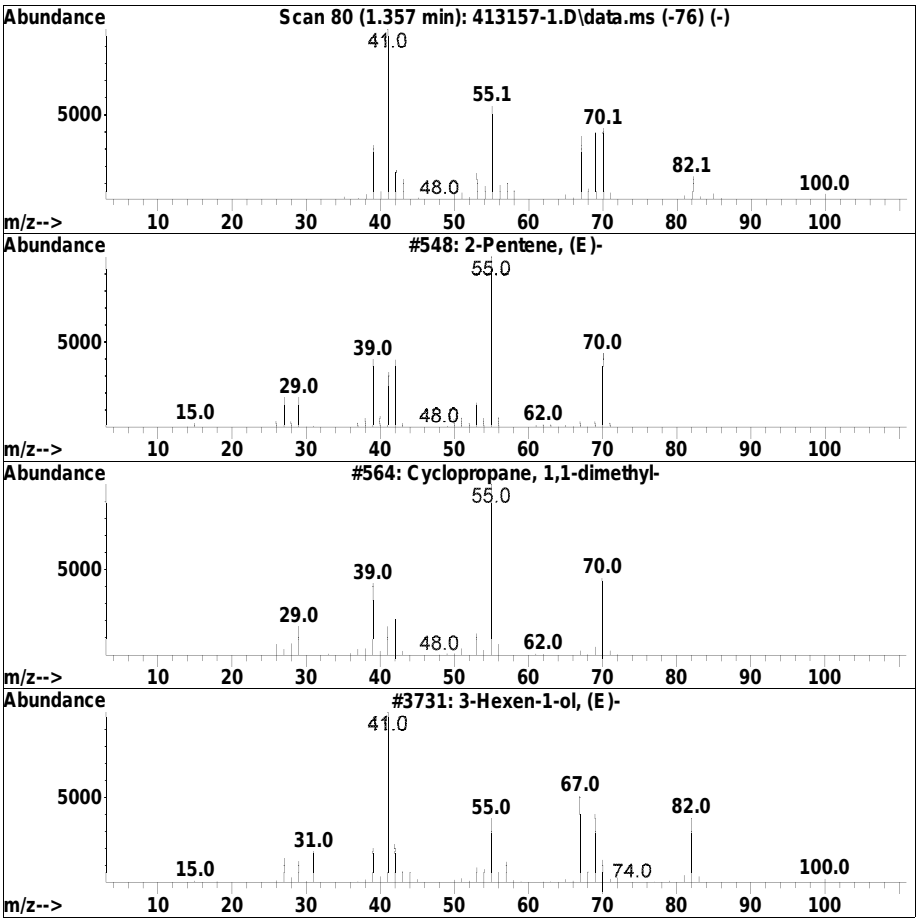
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

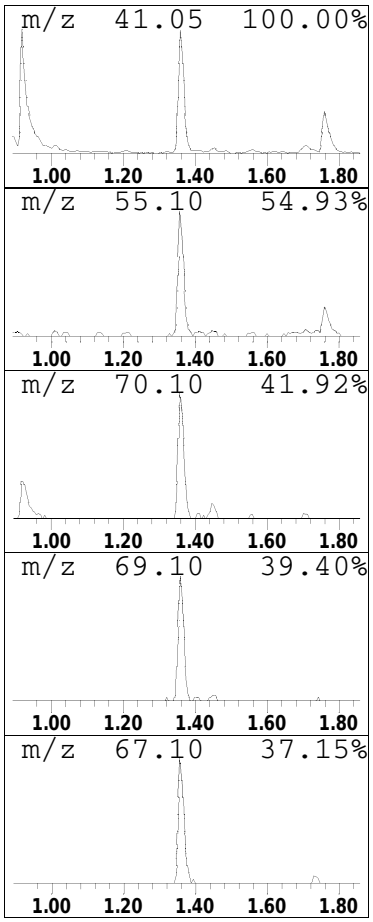
****

Peak Number 1 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.357	1.36 ug/ml	65565	IS2_1,4-Dichlorobenzene-d4	5.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	38
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	35
3	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	35
4	1-Hepten-3-one	112	C7H12O	002918-13-0	32
5	Cyclopropane, butyl-	98	C7H14	000930-57-4	28





Data Path : I:\8270\SV107\200922n1vi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200922n1vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

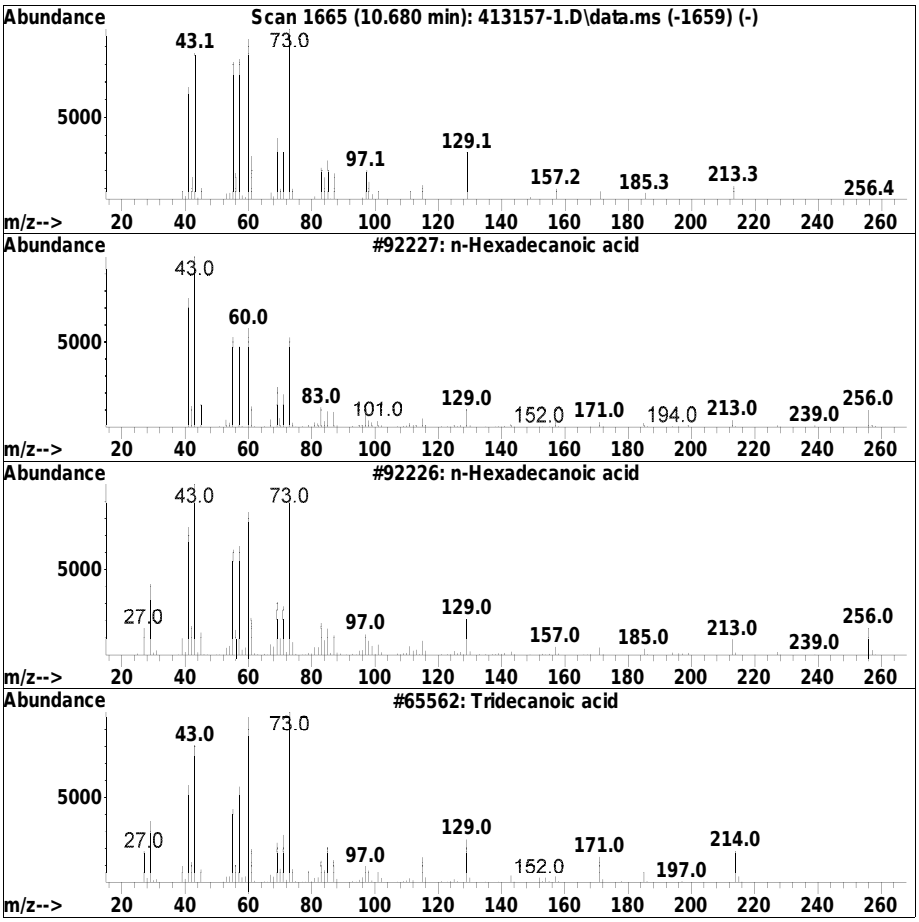
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

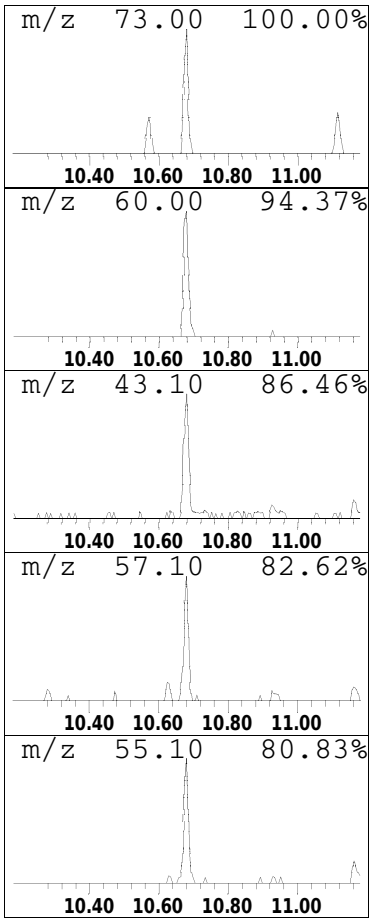
****

Peak Number 3 Unknown Organic Acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	0.48 ug/ml	37570	IS3_Phenanthrene-d10	9.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : I:\8270\SV107\200922n1vi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200922n1vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

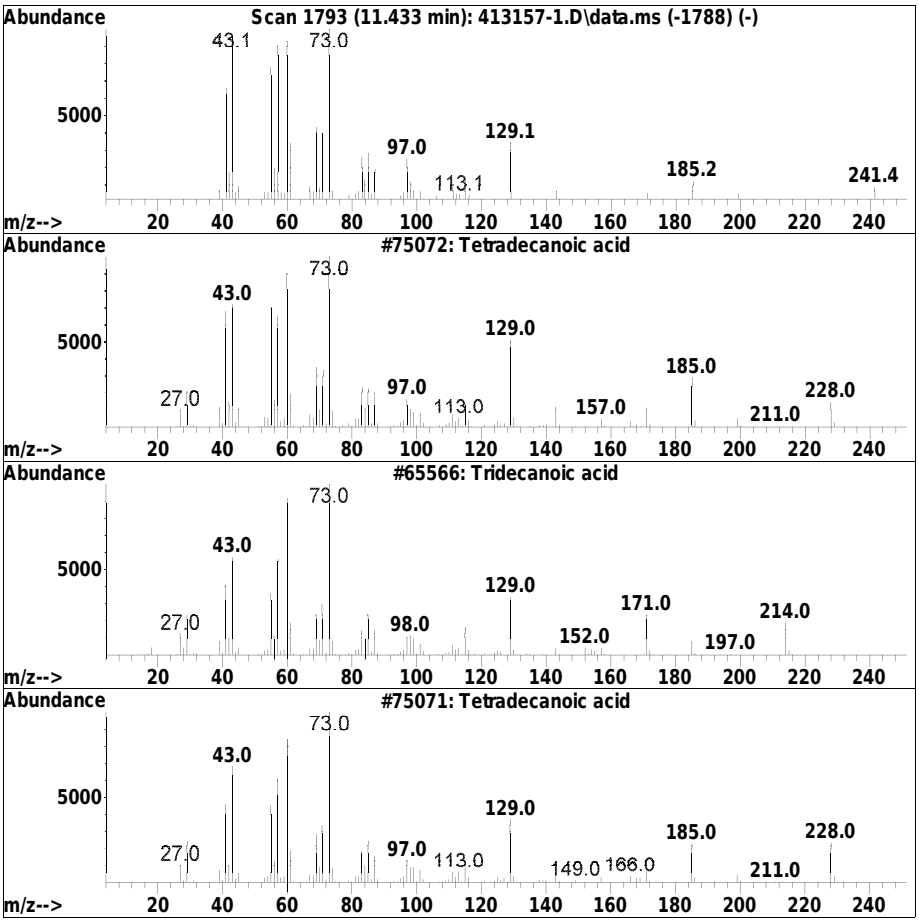
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

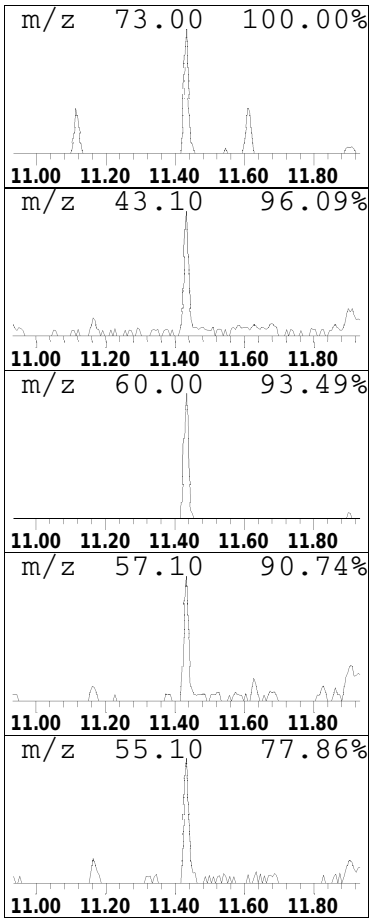
****

Peak Number 4 Unknown Organic Acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.433	0.52 ug/ml	36151	IS1_Chrysene-d12	12.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	11





Data Path : I:\8270\SV107\200922n1vi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200922n1vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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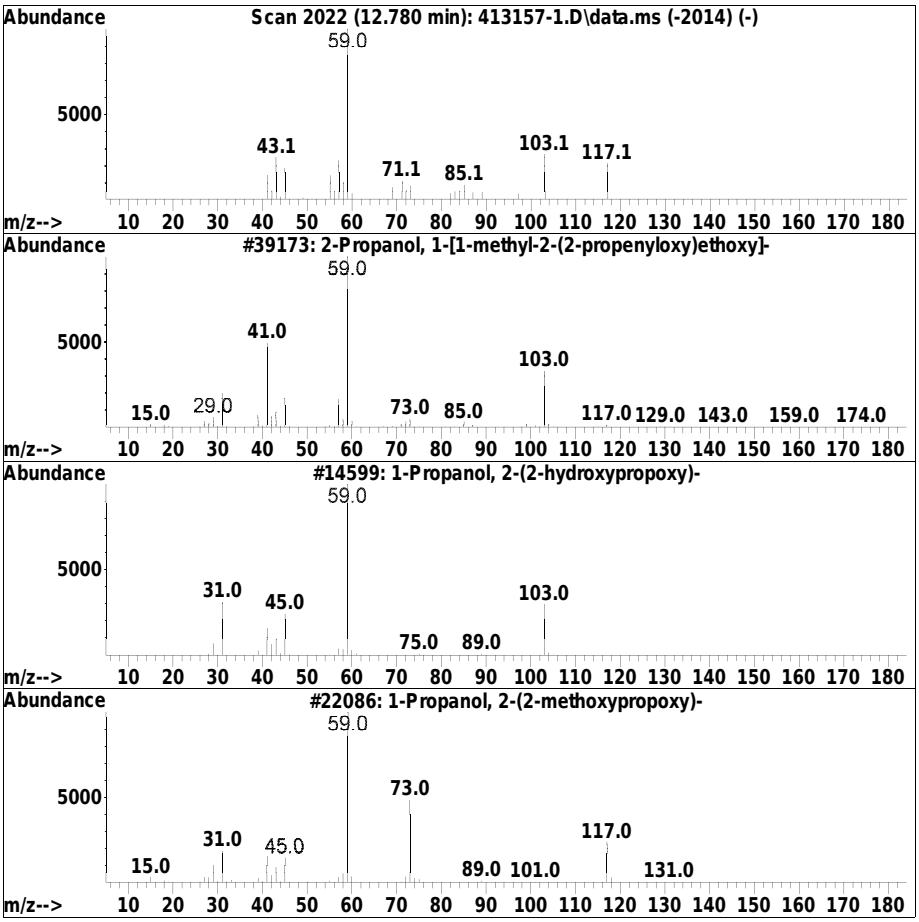
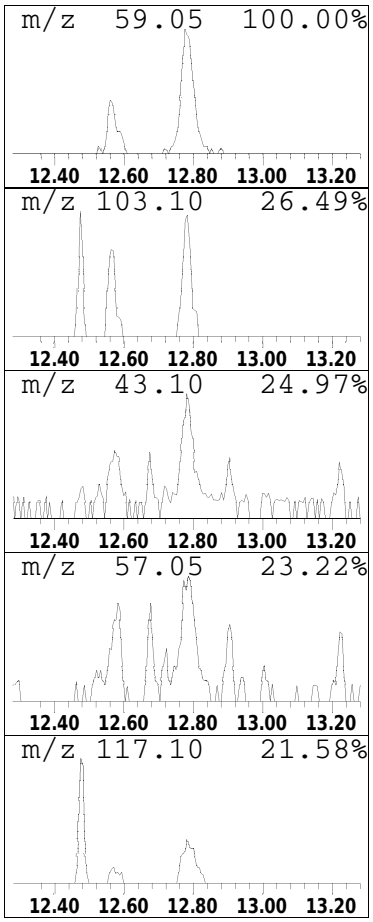
Peak Number 5 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	0.55 ug/ml	38664	IS1_Chrysene-d12	12.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	45
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	40
3	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	40
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	40
5	Methane, diethoxy-	104	C5H12O2	000462-95-3	40





Data Path : I:\8270\SV107\200922n1vi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200922n1vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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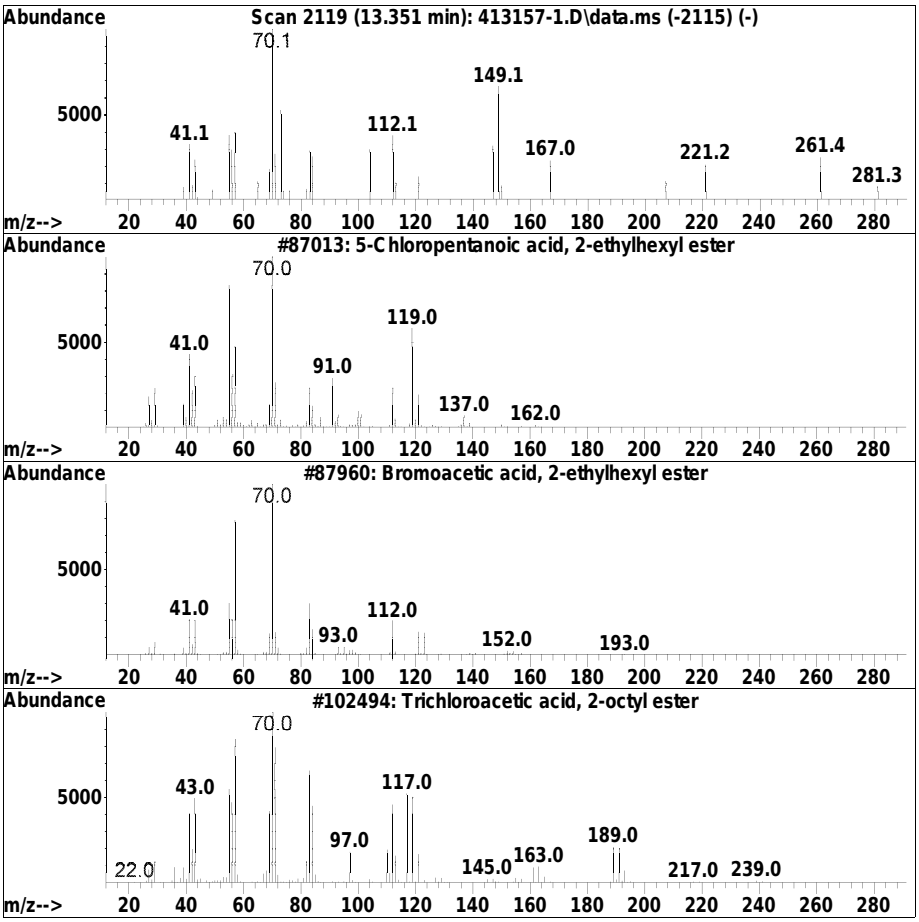
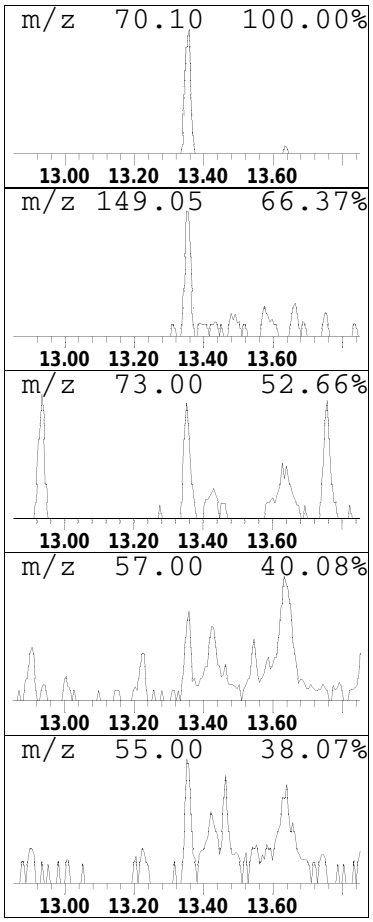
Peak Number 6 Unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.351	0.40 ug/ml	24015	IS1_Perylene-d12	13.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Chloropentanoic acid, 2-ethylh...	248	C13H25ClO2	1000293-48-9	12
2	Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	12
3	Trichloroacetic acid, 2-octyl ester	274	C10H17Cl3O2	344883-74-5	10
4	2H-Oxecin-2-one, 3,4,7,8,9,10-he...	184	C10H16O3	056020-71-4	10
5	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	10





Data Path : I:\8270\SV107\200922n1vi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200922n1vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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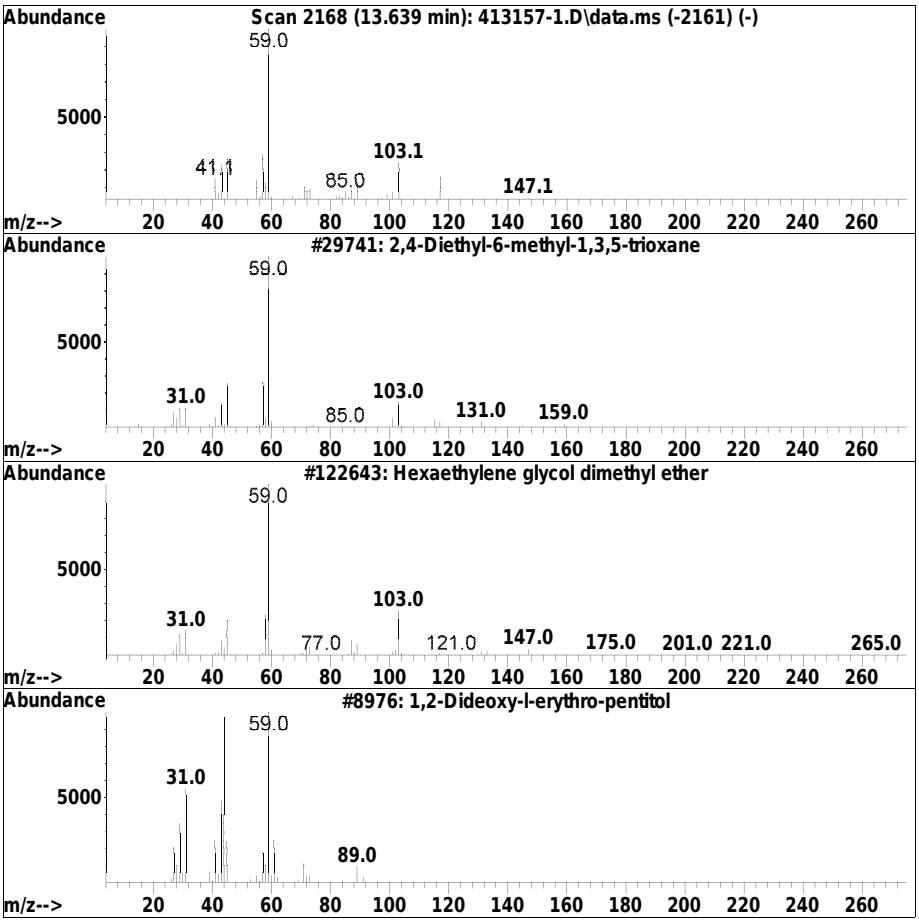
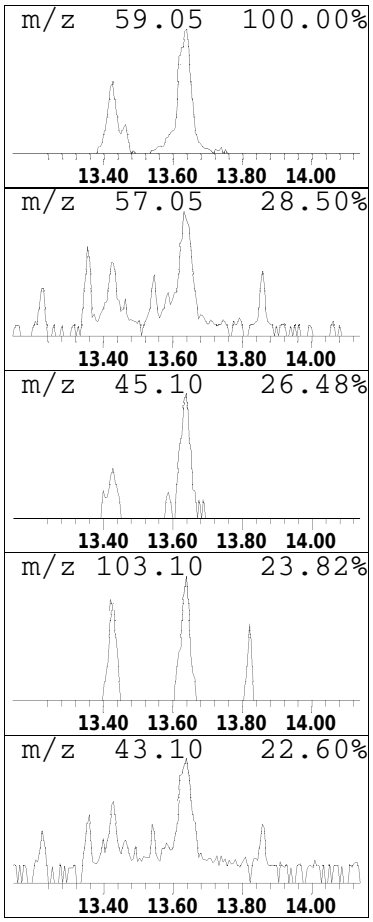
Peak Number 7 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.639	0.86 ug/ml	51373	IS1_Perylene-d12	13.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	59
2	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	59
3	1,2-Dideoxy-l-erythro-pentitol	120	C5H12O3	1000112-47-4	50
4	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	50
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	43





Data Path : I:\8270\SV107\200922n1vi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200922n1vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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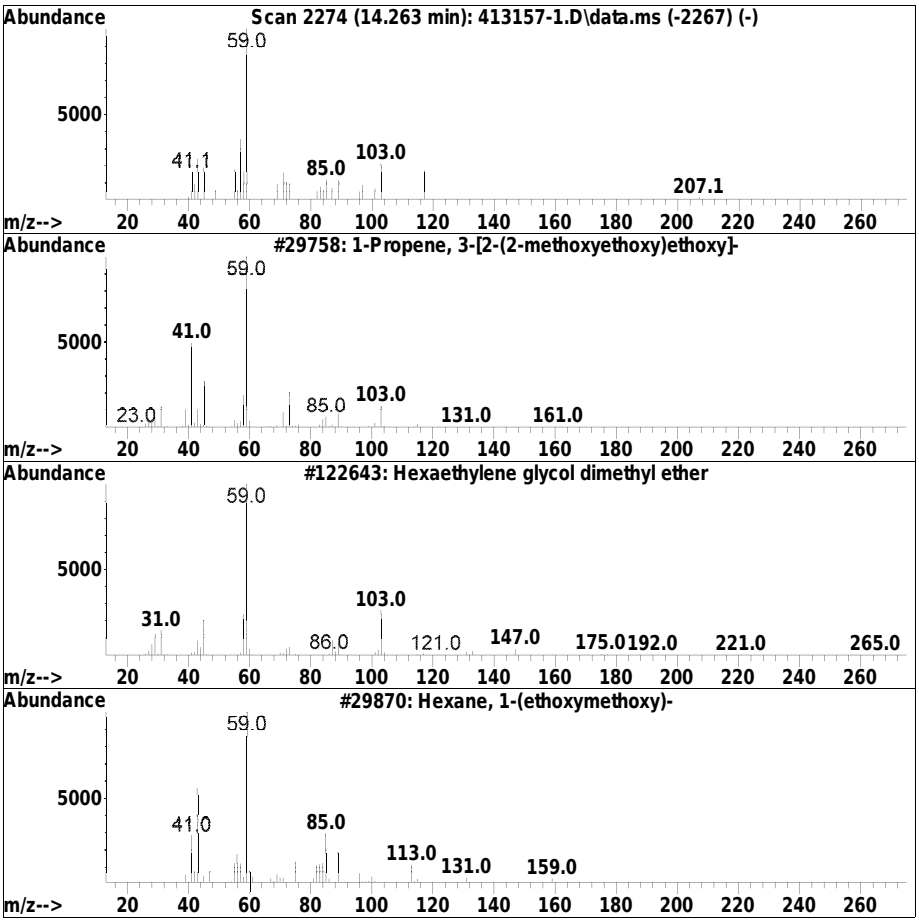
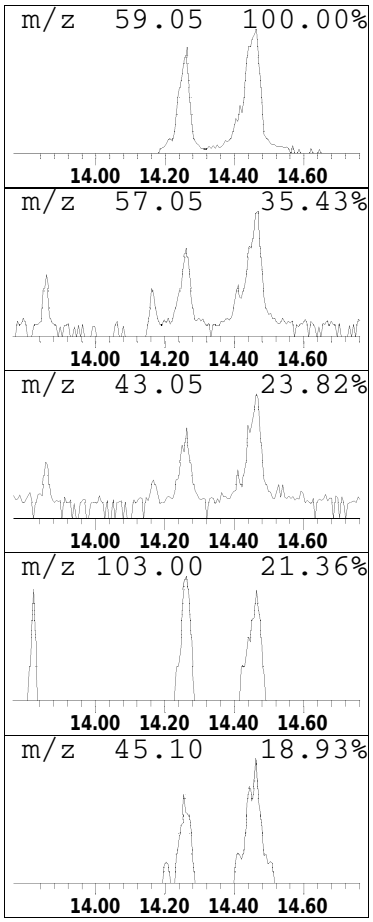
Peak Number 8 Unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.262	0.46 ug/ml	27466	IS1_Perylene-d12	13.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	45
2	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	40
3	Hexane, 1-(ethoxymethoxy)-	160	C9H20O2	151705-35-0	38
4	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	36
5	4-Allyl-2-t-butyl-4-methyl-1,3-o...	214	C11H18O2S	092572-53-7	33





Data Path : I:\8270\SV107\200922n1vi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200922n1vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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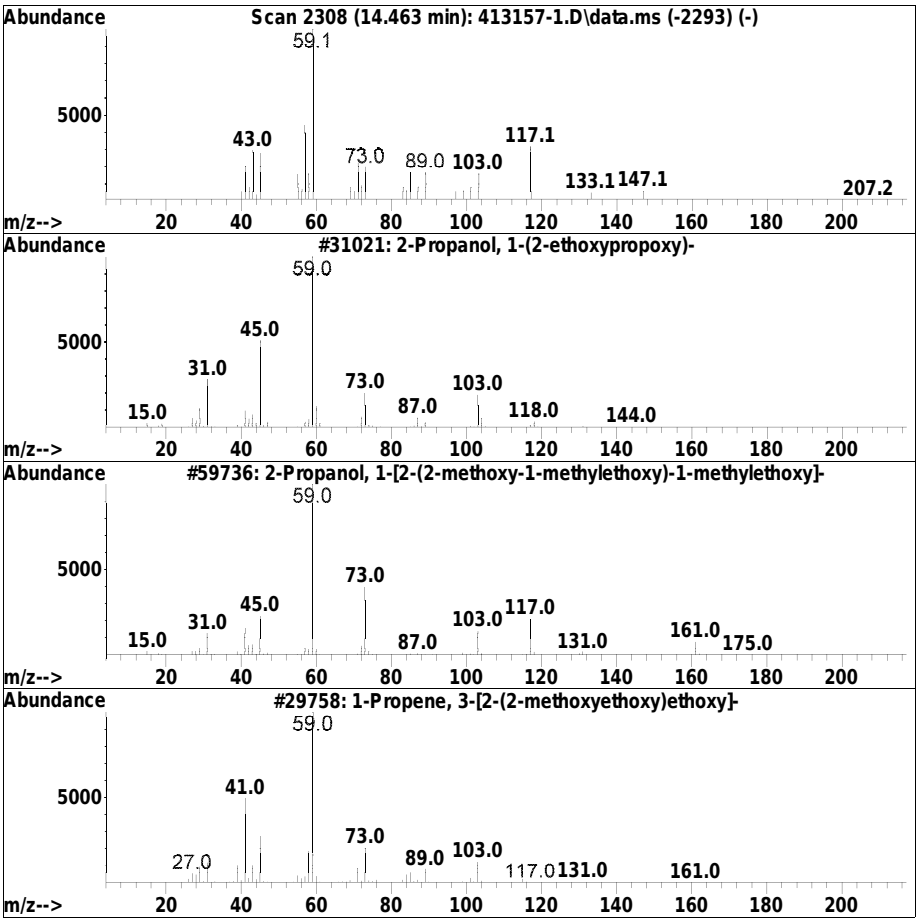
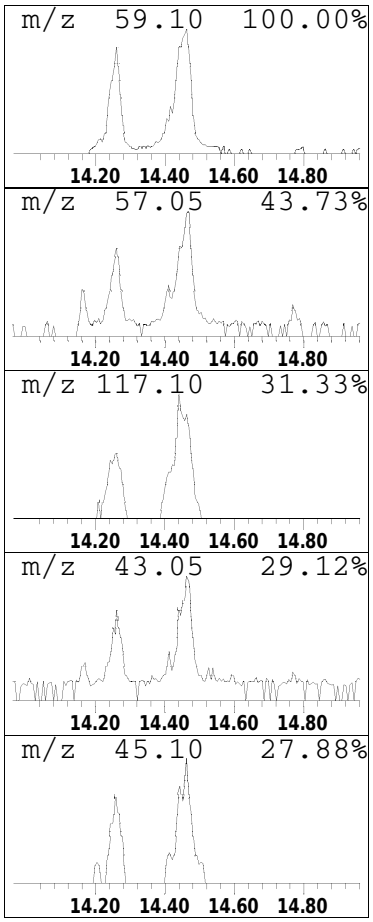
Peak Number 9 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	0.91 ug/ml	54208	IS1_Perylene-d12	13.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	53
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	50
3	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	42
4	2,3-Dimercaptopropan-1-ol	124	C3H8OS2	000059-52-9	38
5	Propanoic acid, 3-ethoxy-, ethyl...	146	C7H14O3	000763-69-9	36





Data Path : I:\8270\SV107\200922n1vi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200922n1vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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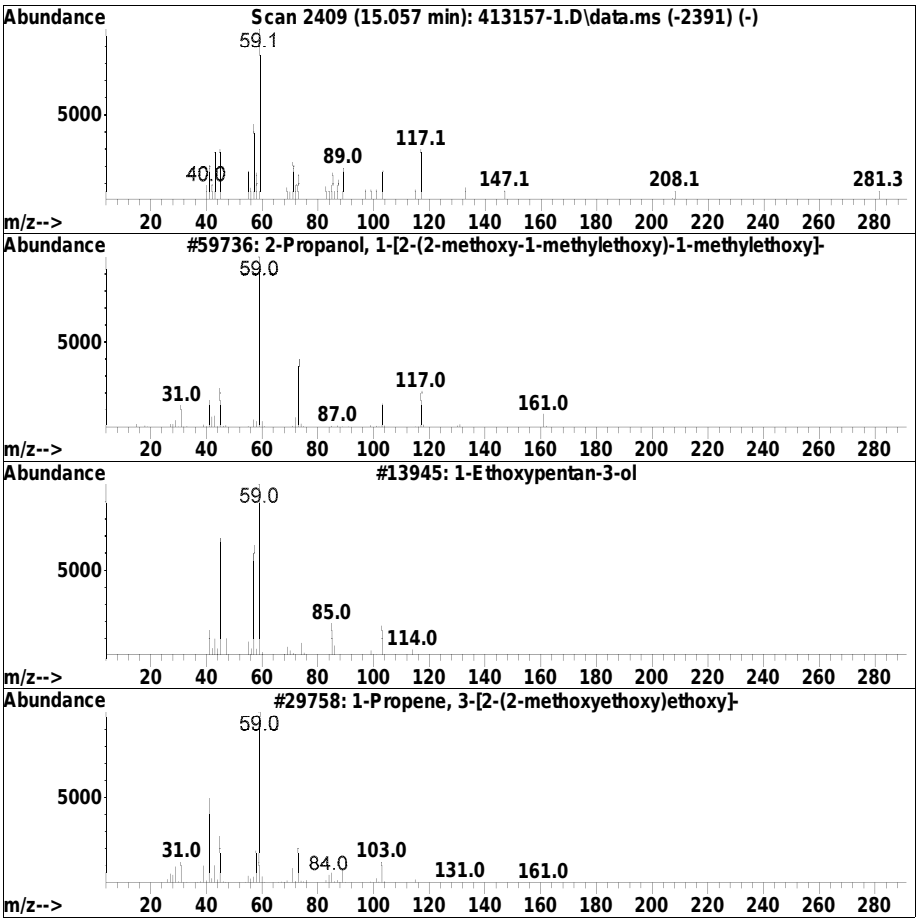
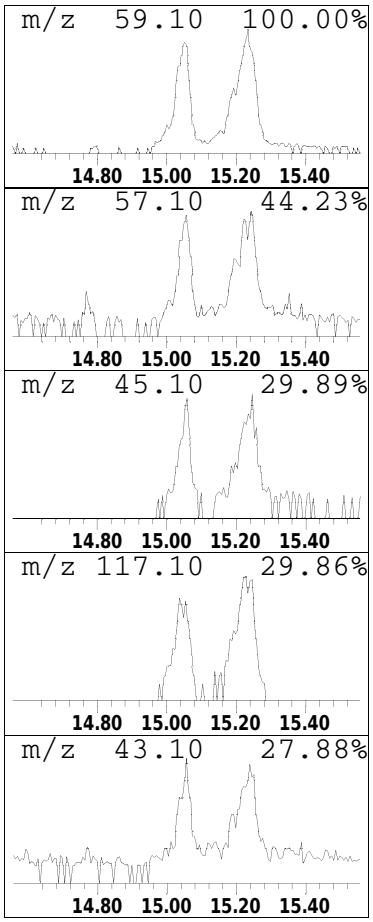
Peak Number 10 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.057	0.78 ug/ml	46498	IS1_Perylene-d12	13.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	53
2	1-Ethoxypentan-3-ol	132	C7H16O2	100910-92-7	43
3	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	40
4	3-Pentanol, 1-ethoxy-	132	C7H16O2	061184-93-8	37
5	.beta.-D-Mannofuranoside, 3,6,9-...	402	C17H32B2O9	1000155-77-2	33





Data Path : I:\8270\SV107\200922n1vi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200922n1vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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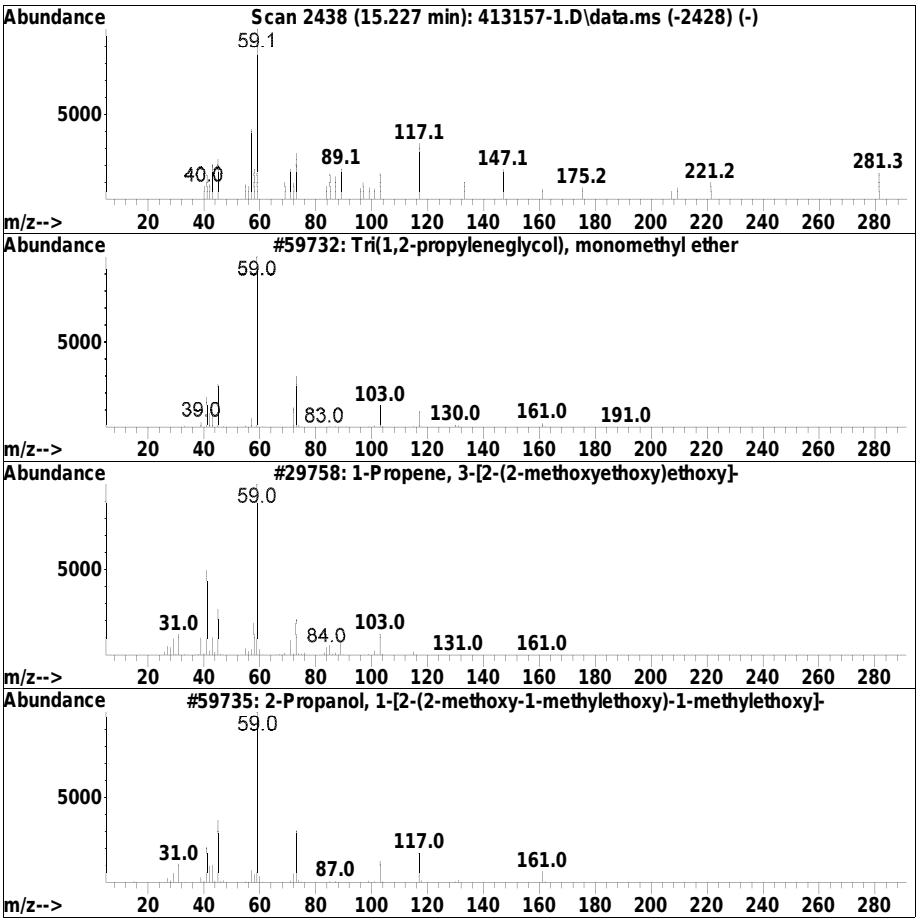
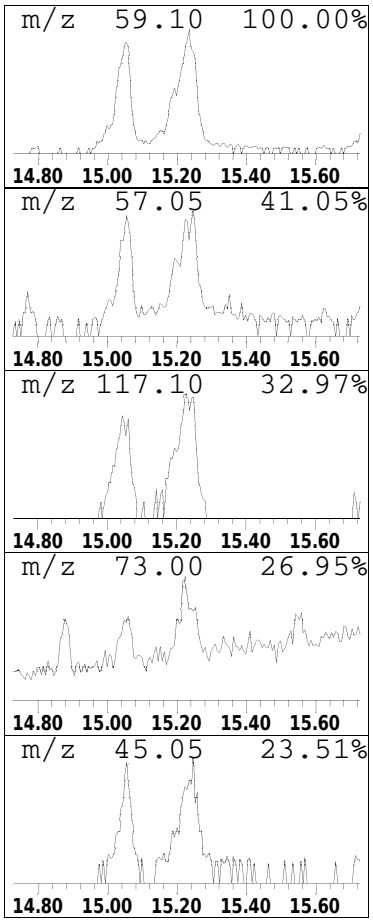
Peak Number 11 Unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	0.79 ug/ml	47173	IS1_Perylene-d12	13.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	47
2	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	47
3	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	40
4	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	37
5	2,5,8,11-Tetraoxatetradecan-13-o...	264	C13H28O5	020324-34-9	37





Data Path : I:\8270\SV107\200922n1vi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200922n1vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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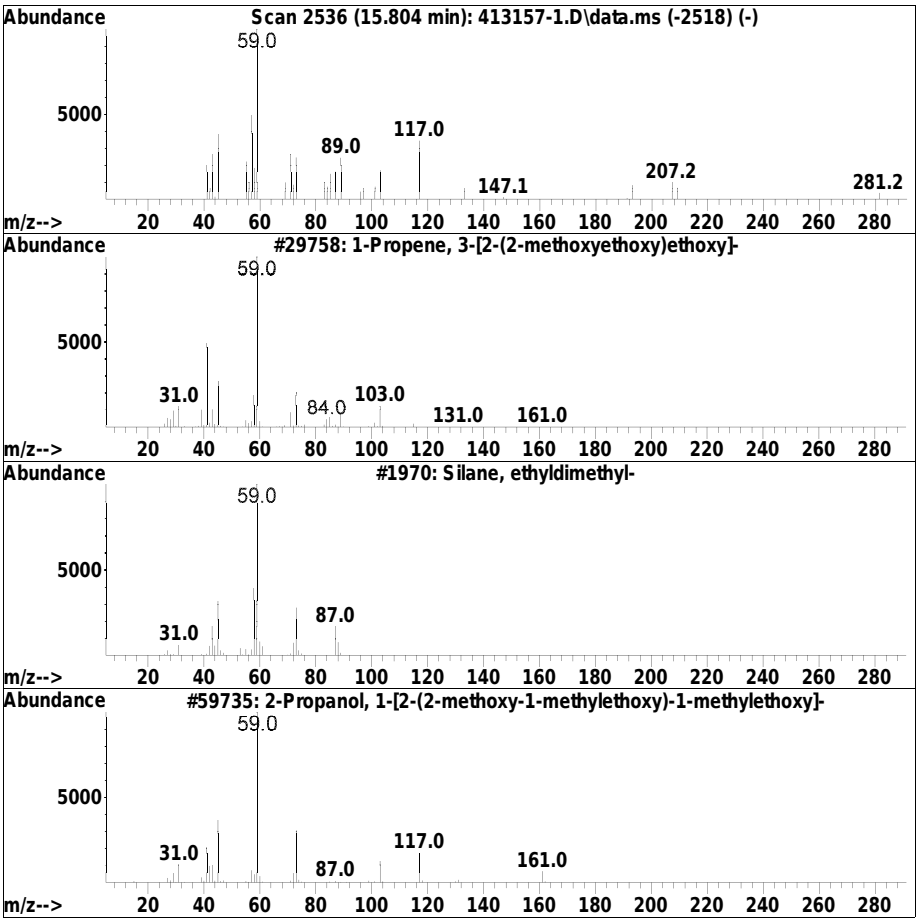
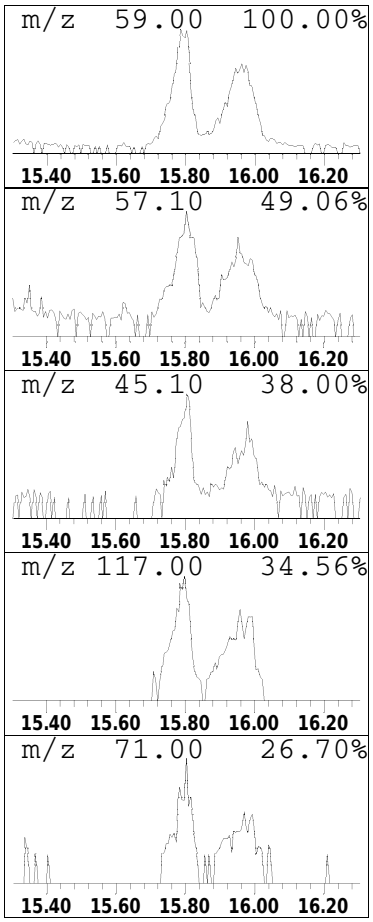
Peak Number 12 Unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.804	0.89 ug/ml	53106	IS1_Perylene-d12	13.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	47
2	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	37
3	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	37
4	Propanoic acid, 3-ethoxy-, ethyl...	146	C7H14O3	000763-69-9	28
5	Propanoic acid, 3-ethoxy-, ethyl...	146	C7H14O3	000763-69-9	28





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\200922nlvi\
Data File : 413157-1.D
Acq On : 23 Sep 2020 8:08 am
Operator : SV107:cb
Sample : WG1413157-1,32,,jt
Misc : WG1413271,WG1413157,ical17065
ALS Vial : 8 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200922nlvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.357	1.4	ug/ml	65565	1	5.134	193477	4.0
Unknown Organic...	10.680	0.5	ug/ml	37570	11	9.980	315323	4.0
Unknown Organic...	11.433	0.5	ug/ml	36151	12	12.474	280062	4.0
Unknown	12.780	0.6	ug/ml	38664	12	12.474	280062	4.0
Unknown	13.351	0.4	ug/ml	24015	13	13.821	237975	4.0
Unknown	13.639	0.9	ug/ml	51373	13	13.821	237975	4.0
Unknown	14.262	0.5	ug/ml	27466	13	13.821	237975	4.0
Unknown	14.463	0.9	ug/ml	54208	13	13.821	237975	4.0
Unknown	15.057	0.8	ug/ml	46498	13	13.821	237975	4.0
Unknown	15.227	0.8	ug/ml	47173	13	13.821	237975	4.0
Unknown	15.804	0.9	ug/ml	53106	13	13.821	237975	4.0

Quantitation Report (LSC Reviewed)

Data Path : I:\8270\SV107\2009241vi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 13:06:43 2020
Quant Method : I:\8270\SV107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 13:04:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	5.123	150	35182	4.000	ug/ml	-0.01
Standard Area 1 = 38438			Recovery = 91.53%			
27) IS2_1,4-Dichlorobenzen...	5.123	150	35182	4.000	ug/ml	0.00
Standard Area 3 = 36940			Recovery = 95.24%			
32) IS3_1,4-Dichlorobenzen...	5.123	150	35182	4.000	ug/ml	0.00
Standard Area 2 = 36663			Recovery = 95.96%			
34) IS1_Naphthalene-d8	6.787	136	86565	4.000	ug/ml	-0.01
Standard Area 1 = 94578			Recovery = 91.53%			
54) IS2_Naphthalene-d8	6.787	136	86565	4.000	ug/ml	0.00
Standard Area 3 = 93354			Recovery = 92.73%			
62) IS1_Acenaphthene-d10	8.570	164	42276	4.000	ug/ml	-0.01
Standard Area 1 = 46874			Recovery = 90.19%			
82) IS2_Acenaphthene-d10	8.570	164	42276	4.000	ug/ml	0.00
Standard Area 3 = 44844			Recovery = 94.27%			
85) IS3_Acenaphthene-d10	8.570	164	42276	4.000	ug/ml	0.00
Standard Area 2 = 45992			Recovery = 91.92%			
87) IS1_Phenanthrene-d10	9.970	188	77622	4.000	ug/ml	#-0.01
Standard Area 1 = 95146			Recovery = 81.58%			
99) IS3_Phenanthrene-d10	9.970	188	77622	4.000	ug/ml	# 0.00
Standard Area 2 = 93210			Recovery = 83.28%			
103) IS1_Chrysene-d12	12.469	240	61330	4.000	ug/ml	#-0.01
Standard Area 1 = 83481			Recovery = 73.47%			
112) IS1_Perylene-d12	13.810	264	55758	4.000	ug/ml	-0.01
Standard Area 1 = 76625			Recovery = 72.77%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.241	112	22392	3.681	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery. = 73.62%			
7) Phenol-d6	4.711	99	22970	2.993	ug/ml	-0.02
Spiked Amount 5.000	Range 15 - 110		Recovery. = 59.86%			
19) Nitrobenzene-d5	5.964	82	14341	2.073	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 82.92%			
45) 2-Fluorobiphenyl	7.964	172	28824	1.903	ug/ml	-0.01
Spiked Amount 2.500	Range 30 - 130		Recovery. = 76.12%			
78) 2,4,6-Tribromophenol	9.328	330	4314	2.669	ug/ml	-0.01
Spiked Amount 5.000	Range 15 - 110		Recovery. = 53.38%			

Data Path : I:\8270\SV107\2009241vi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 13:06:43 2020
Quant Method : I:\8270\SV107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 13:04:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) 4-Terphenyl-d14	11.534	244	27318	1.745	ug/ml	-0.01

Spiked Amount 2.500 Range 30 - 130 Recovery. = 69.80%

Target Compounds				Qvalue
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	
21) Isophorone	0.000	0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
35) Naphthalene	0.000	0	N.D.	
37) 4-Chloroaniline	0.000	0	N.D.	
40) 2-Methylnaphthalene	0.000	0	N.D.	
42) Hexachlorocyclopentadiene	0.000	0	N.D.	
46) 2-Chloronaphthalene	0.000	0	N.D.	
47) 2-Nitroaniline	0.000	0	N.D.	
50) Dimethyl phthalate	0.000	0	N.D.	
51) Acenaphthylene	0.000	0	N.D.	
52) 2,6-Dinitrotoluene	0.000	0	N.D.	
59) Caprolactam	0.000	0	N.D.	
60) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
61) Biphenyl	0.000	0	N.D.	
63) 3-Nitroaniline	0.000	0	N.D.	
64) Acenaphthene	0.000	0	N.D.	
66) Dibenzofuran	0.000	0	N.D.	
67) 2,4-Dinitrotoluene	0.000	0	N.D.	
71) Diethyl phthalate	0.000	0	N.D.	
72) Fluorene	0.000	0	N.D.	
73) 4-Chlorophenyl phenyl ...	0.000	0	N.D.	
74) 4-Nitroaniline	0.000	0	N.D.	
76) NDPA/DPA	0.000	0	N.D.	
79) 4-Bromophenyl phenyl e...	0.000	0	N.D.	
86) Atrazine	0.000	0	N.D.	
88) Phenanthrene	0.000	0	N.D.	

Quantitation Report (LSC Reviewed)

Data Path : I:\8270\SV107\2009241vi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 13:06:43 2020
Quant Method : I:\8270\SV107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 13:04:14 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV107\2009241vi\ABN0924.D
: 2 - I:\8270\SV107\2009241vi\ADP0924.D
: 3 - I:\8270\SV107\2009241vi\AP90924.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89)	Anthracene	0.000		0		N.D.	
90)	Carbazole	0.000		0		N.D.	
91)	Di-n-butylphthalate	0.000		0		N.D.	
92)	Fluoranthene	0.000		0		N.D.	
94)	Pyrene	0.000		0		N.D.	
96)	Butyl benzyl phthalate	0.000		0		N.D.	
105)	3,3'-Dichlorobenzidine	0.000		0		N.D.	
106)	Chrysene	0.000		0		N.D.	
107)	Bis(2-ethylhexyl)phtha...	0.000		0		N.D.	
108)	Di-n-octylphthalate	0.000		0		N.D.	
115)	Benzo(ghi)perylene	0.000		0		N.D.	

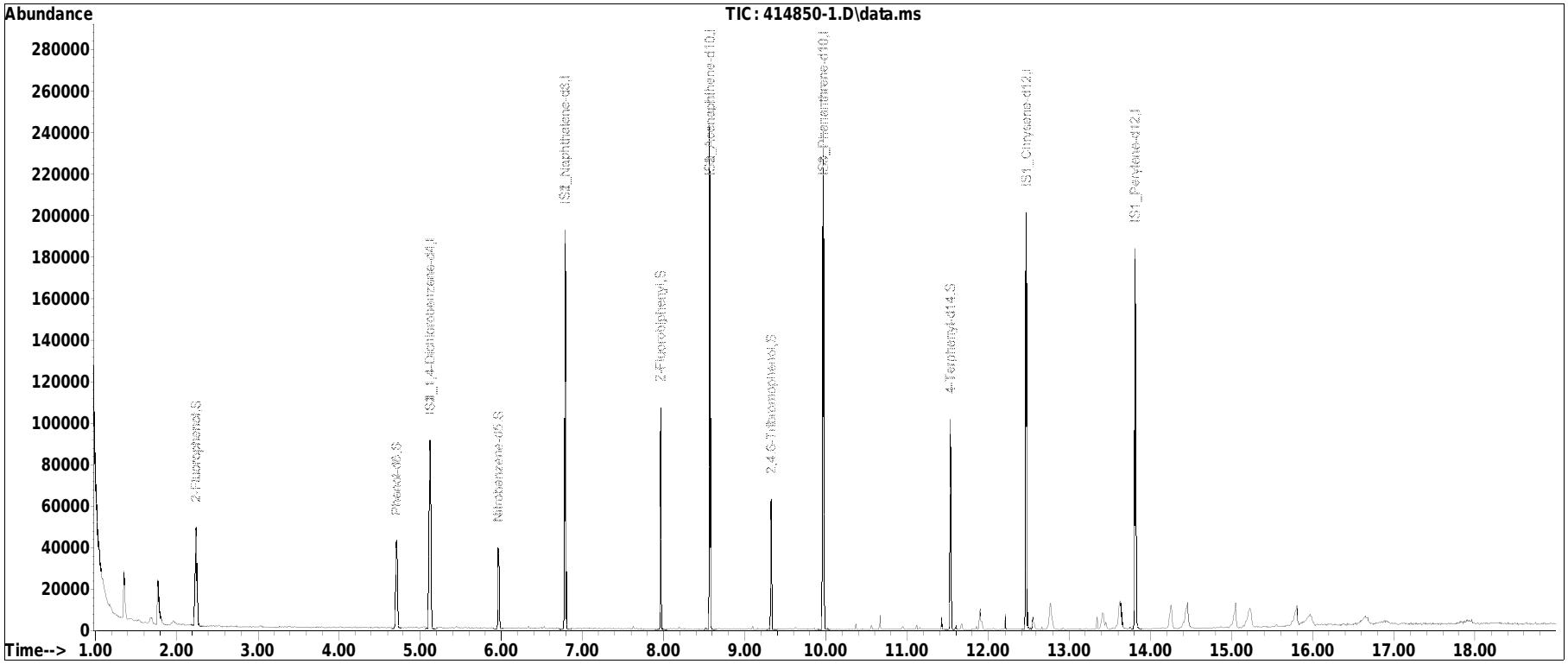
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (LSC Reviewed)

Data Path : I:\8270\SV107\200924lvi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 13:06:43 2020
Quant Method : I:\8270\SV107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 13:04:14 2020
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAlvi\AP90924.D•



Manual Integration/Negative Proof Report

Data Path	: I:\8270\SV107\200924lvi\	QMethod	: FS200712SV107.m
Data File	: 414850-1.D	Operator	: SV107:wr
Date Inj'd	: 9/24/2020 9:54 am	Instrument	: SV 107
Sample	: wg1413850-1,32,,bnext,am	Quant Date	: 9/24/2020 1:06 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 414850-1.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.352	61	65	73	rVB	23540	35150	17.73%	1.848%
2	1.694	115	123	133	rVB4	3488	10324	5.21%	0.543%
3	1.770	133	136	152	rVB	21555	37049	18.68%	1.948%
4	1.958	161	168	178	rVB4	2084	5875	2.96%	0.309%
5	2.241	210	216	226	rVB	47377	79398	40.04%	4.174%
6	2.529	262	265	272	rVB4	1031	2064	1.04%	0.109%
7	3.035	346	351	356	rVB4	994	2122	1.07%	0.112%
8	3.399	408	413	416	rBV4	628	1372	0.69%	0.072%
9	4.711	630	636	644	rBV	42090	62896	31.72%	3.307%
10	4.958	673	678	682	rVB3	651	1057	0.53%	0.056%
11	5.123	697	706	713	rVB	90758	134155	67.65%	7.053%
12	5.446	756	761	765	rBV4	842	1217	0.61%	0.064%
13	5.964	845	849	856	rBV	39080	41219	20.79%	2.167%
14	6.334	908	912	914	rVB2	1138	1116	0.56%	0.059%
15	6.534	943	946	949	rVB2	1014	1061	0.54%	0.056%
16	6.787	985	989	998	rBV	192407	177800	89.66%	9.347%
17	7.623	1126	1131	1134	rBV	1357	1344	0.68%	0.071%
18	7.964	1183	1189	1194	rVB	107026	83199	41.96%	4.374%
19	8.517	1280	1283	1288	rBV	916	1231	0.62%	0.065%
20	8.570	1288	1292	1297	rVV	242924	192564	97.11%	10.124%
21	9.093	1378	1381	1385	rVB	1415	1149	0.58%	0.060%
22	9.328	1413	1421	1427	rBV	62778	51280	25.86%	2.696%
23	9.622	1467	1471	1476	rVB3	836	1152	0.58%	0.061%
24	9.970	1525	1530	1535	rBV	241471	198301	100.00%	10.425%
25	10.369	1594	1598	1601	rVB2	2646	1774	0.89%	0.093%
26	10.564	1626	1631	1634	rVB	1991	2042	1.03%	0.107%
27	10.669	1641	1649	1654	rVB3	6948	6681	3.37%	0.351%
28	10.946	1691	1696	1703	rVB2	1416	2265	1.14%	0.119%

LSC Area Percent Report

Data Path : I:\8270\SV107\2009241vi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV107\2009241vi\FS200712SV107.m
Title : Semivolatiles by GC/MS by modified 8270

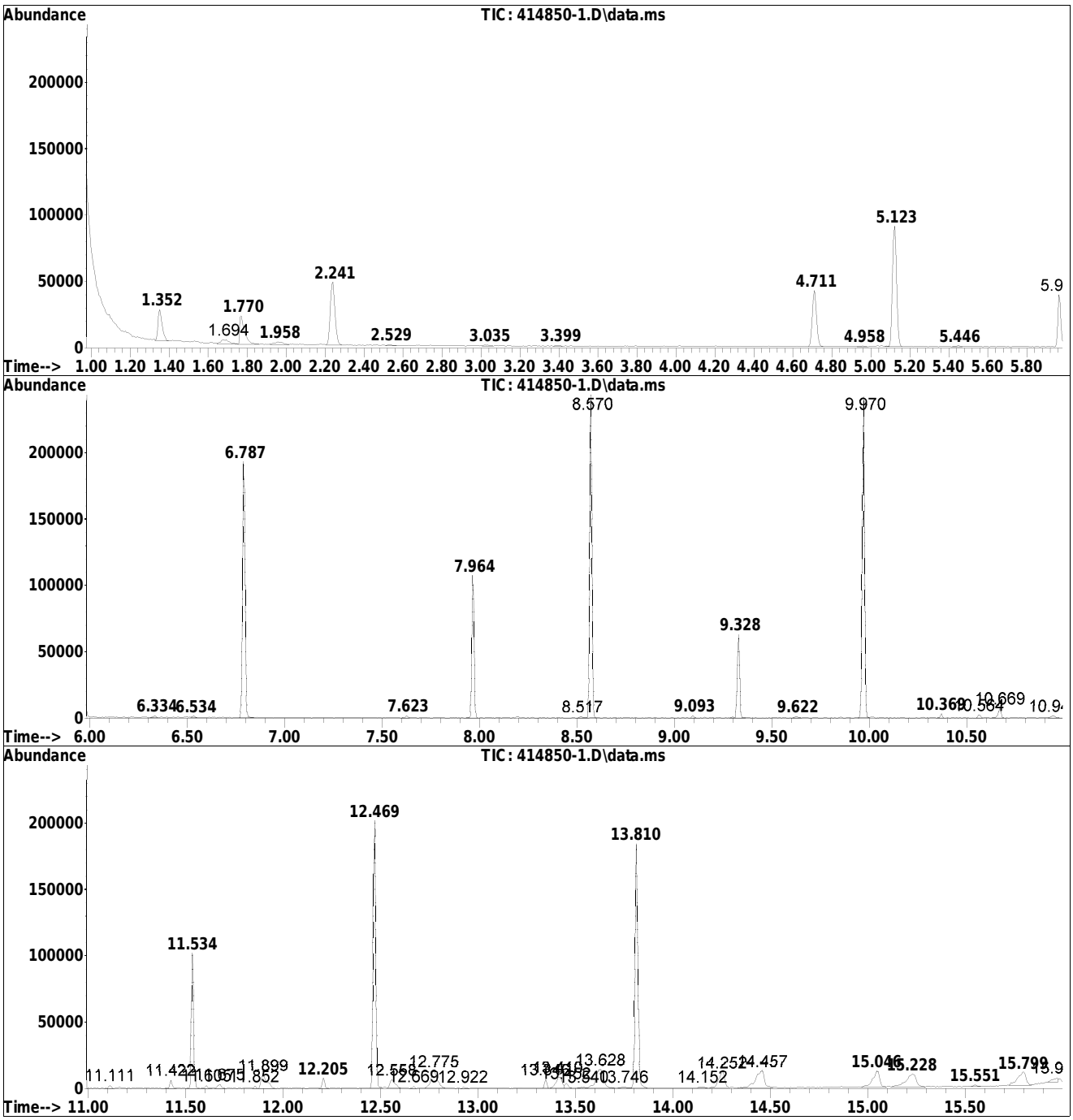
29	11.111	1719	1724	1727	rBV2	2036	1990	1.00%	0.105%
30	11.422	1771	1777	1782	rBV2	5808	4712	2.38%	0.248%
31	11.534	1790	1796	1802	rBV	101419	83523	42.12%	4.391%
32	11.605	1803	1808	1813	rVV	2042	2334	1.18%	0.123%
33	11.675	1815	1820	1825	rVB2	2954	3965	2.00%	0.208%
34	11.852	1848	1850	1853	rVB2	1374	1065	0.54%	0.056%
35	11.899	1853	1858	1869	rVB3	9740	20201	10.19%	1.062%
36	12.205	1906	1910	1915	rVB	7329	6349	3.20%	0.334%
37	12.469	1949	1955	1961	rBV	200922	184428	93.00%	9.696%
38	12.558	1966	1970	1978	rBV2	5969	11312	5.70%	0.595%
39	12.669	1985	1989	1991	rVB2	1443	1160	0.58%	0.061%
40	12.775	1998	2007	2017	rVB	12649	28429	14.34%	1.495%
41	12.922	2030	2032	2037	rVB2	1146	1294	0.65%	0.068%
42	13.346	2099	2104	2107	rVB2	6044	5252	2.65%	0.276%
43	13.410	2107	2115	2120	rBV4	7971	17303	8.73%	0.910%
44	13.452	2120	2122	2129	rVB3	3456	4066	2.05%	0.214%
45	13.540	2131	2137	2140	rBV2	832	1421	0.72%	0.075%
46	13.628	2140	2152	2164	rVV3	13705	37670	19.00%	1.980%
47	13.746	2167	2172	2178	rVV3	893	1826	0.92%	0.096%
48	13.810	2178	2183	2193	rVB	183575	184037	92.81%	9.675%
49	14.152	2236	2241	2245	rBV3	657	1317	0.66%	0.069%
50	14.252	2247	2258	2265	rVV2	11244	23536	11.87%	1.237%
51	14.457	2271	2293	2302	rBV2	12618	39130	19.73%	2.057%
52	15.046	2379	2393	2401	rBV2	11900	30012	15.13%	1.578%
53	15.228	2406	2424	2435	rVB5	9261	34809	17.55%	1.830%
54	15.551	2475	2479	2484	rBV6	1083	1549	0.78%	0.081%
55	15.799	2508	2521	2528	rBV4	9297	27234	13.73%	1.432%
56	15.969	2542	2550	2551	rBV5	2993	5353	2.70%	0.281%

Sum of corrected areas: 1902134

Data Path : I:\8270\SV107\2009241vi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\8270\SV107\200924lvi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

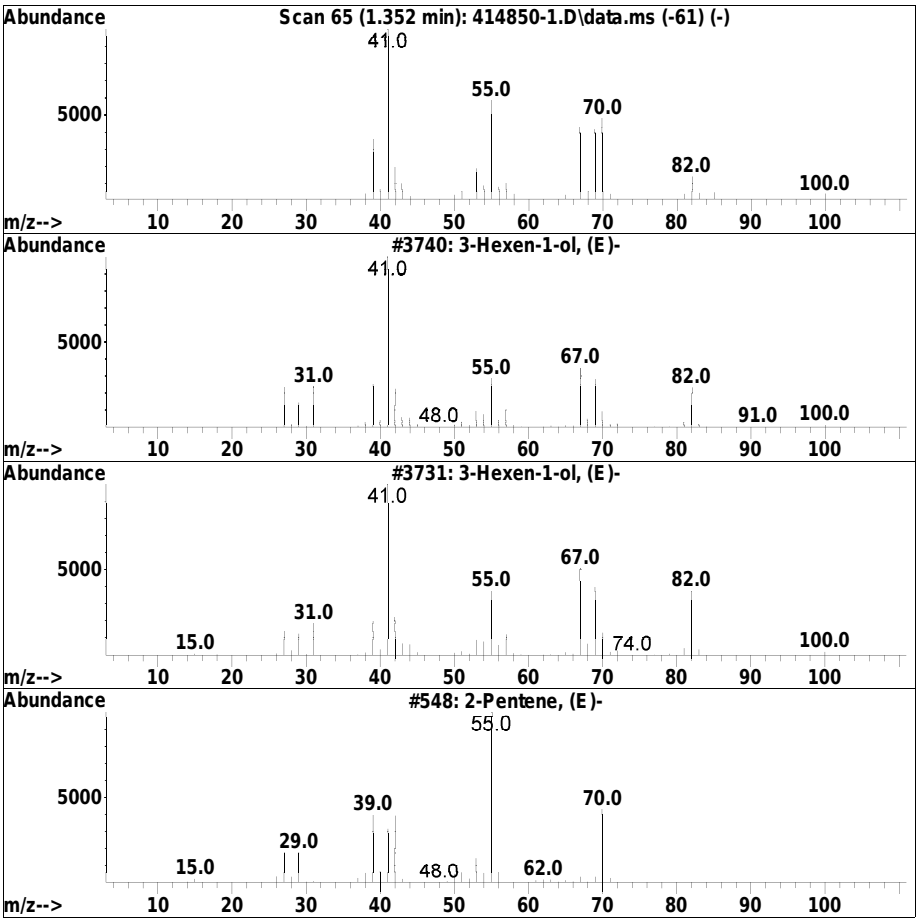
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

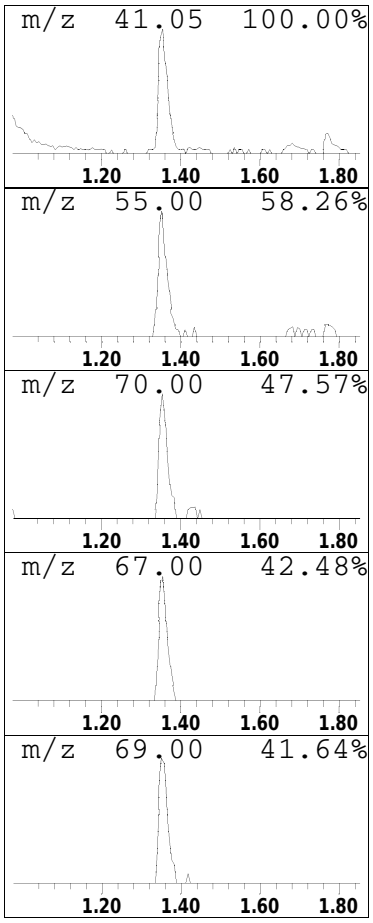
****

Peak Number 1 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.352	1.05 ug/ml	35150	IS2_1,4-Dichlorobenzene-d4	5.123

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	40
2	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	38
3	2-Pentene, (E)-	70	C5H10	000646-04-8	38
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	38
5	Z-1,9-Dodecadiene	166	C12H22	1000245-71-0	37





Data Path : I:\8270\SV107\200924lvi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

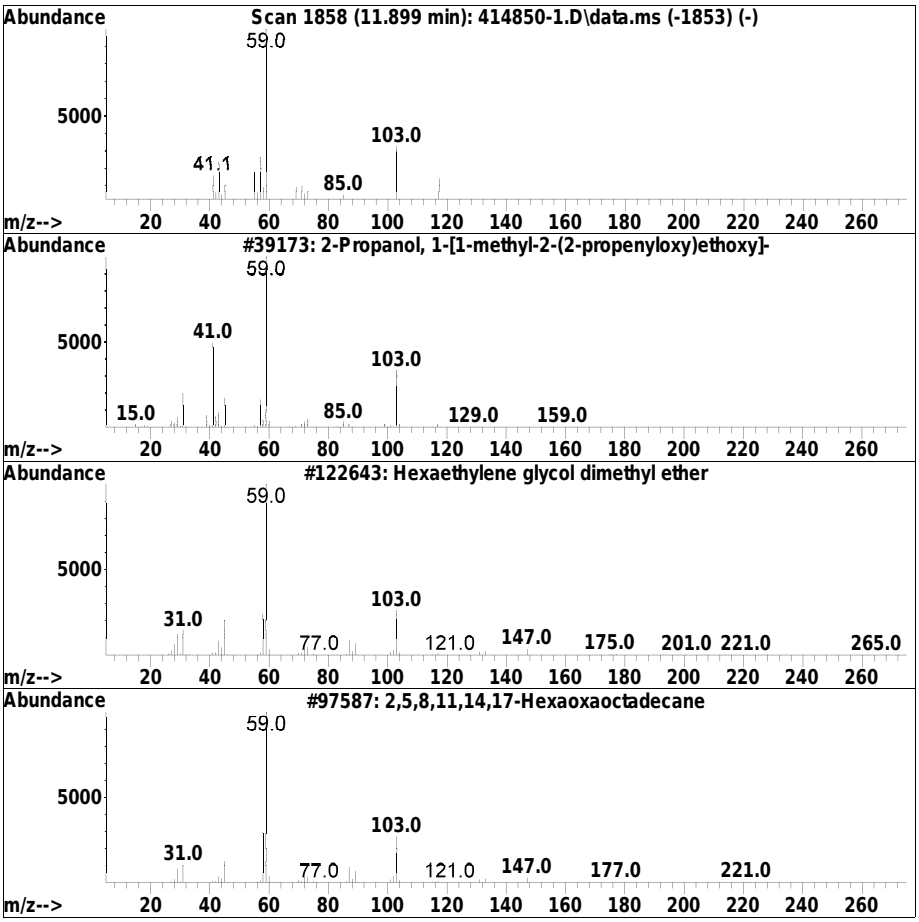
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

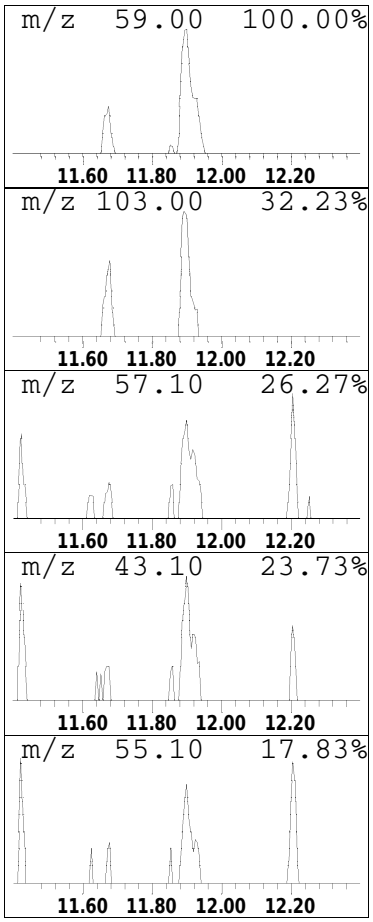
****

Peak Number 3 Unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.899	0.44 ug/ml	20201	IS1_Chrysene-d12	12.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	50
2	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	45
3	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	36
4	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	36
5	1,2-Dideoxy-1-erythro-pentitol	120	C5H12O3	1000112-47-4	33





Data Path : I:\8270\SV107\2009241vi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

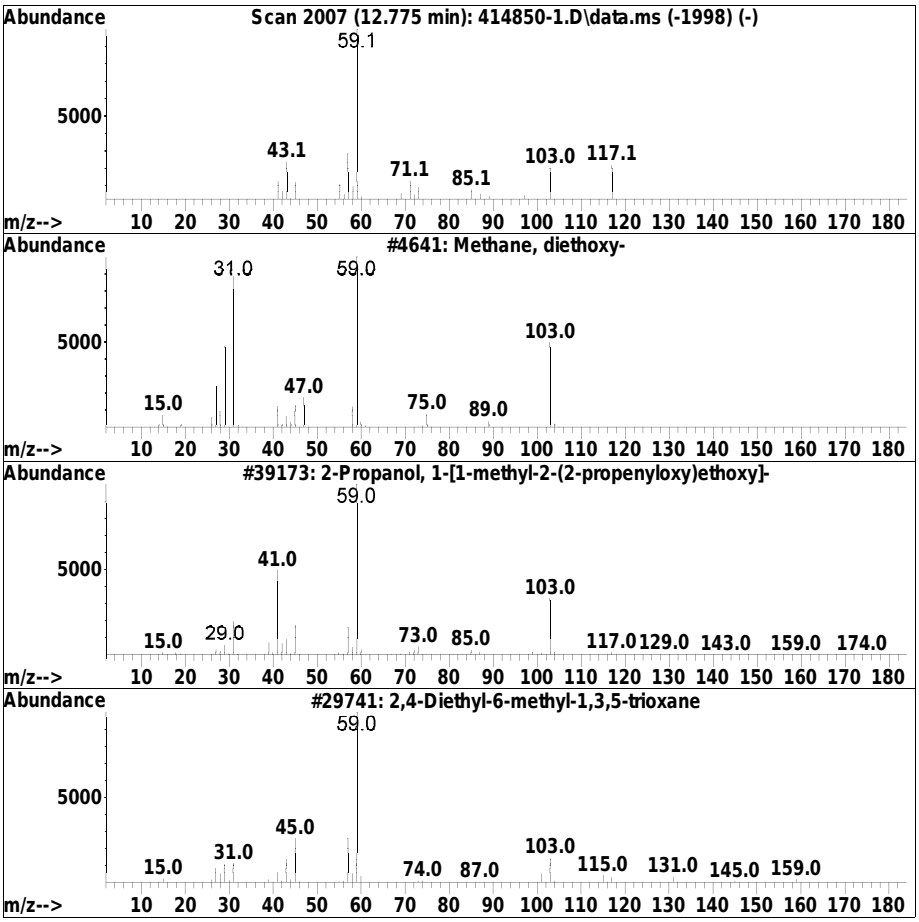
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

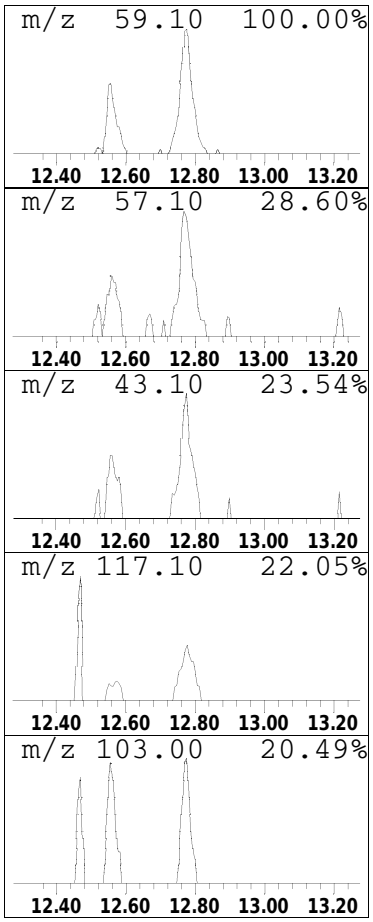
****

Peak Number 4 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	0.62 ug/ml	28429	IS1_Chrysene-d12	12.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, diethoxy-	104	C5H12O2	000462-95-3	47
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	42
3	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	38
4	Butanamide	87	C4H9NO	000541-35-5	38
5	Methane, diethoxy-	104	C5H12O2	000462-95-3	38





Data Path : I:\8270\SV107\200924lvi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

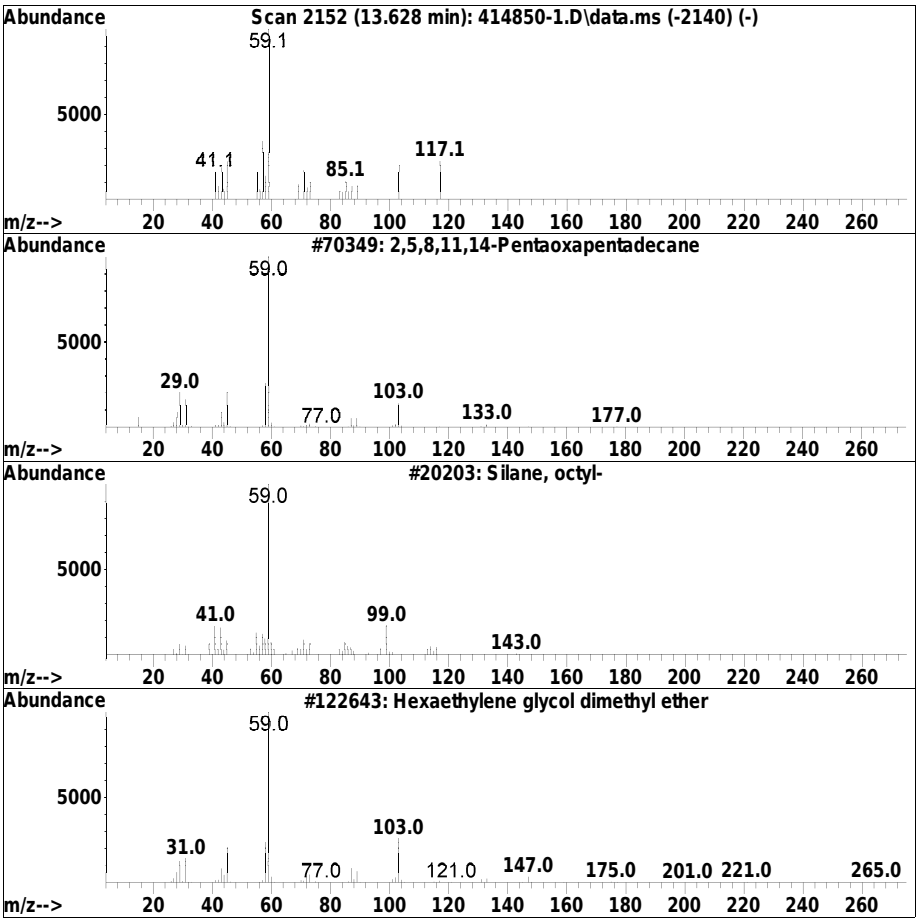
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

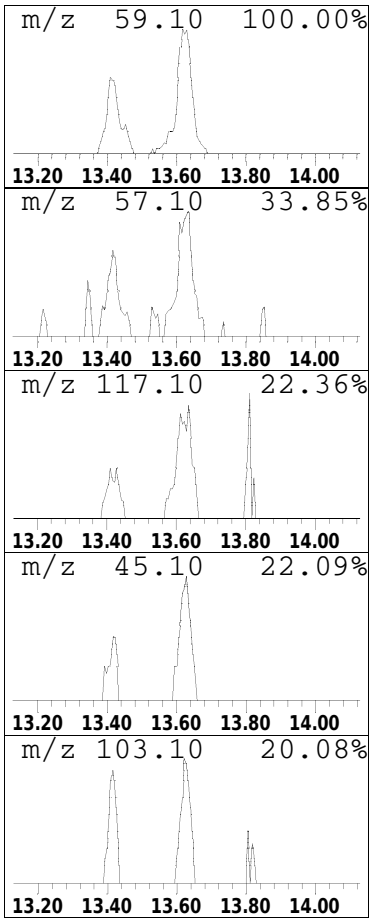
****

Peak Number 5 Unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.628	0.82 ug/ml	37670	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	42
2	Silane, octyl-	144	C8H20Si	000871-92-1	38
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	36
4	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	36
5	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	36





Data Path : I:\8270\SV107\200924lvi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

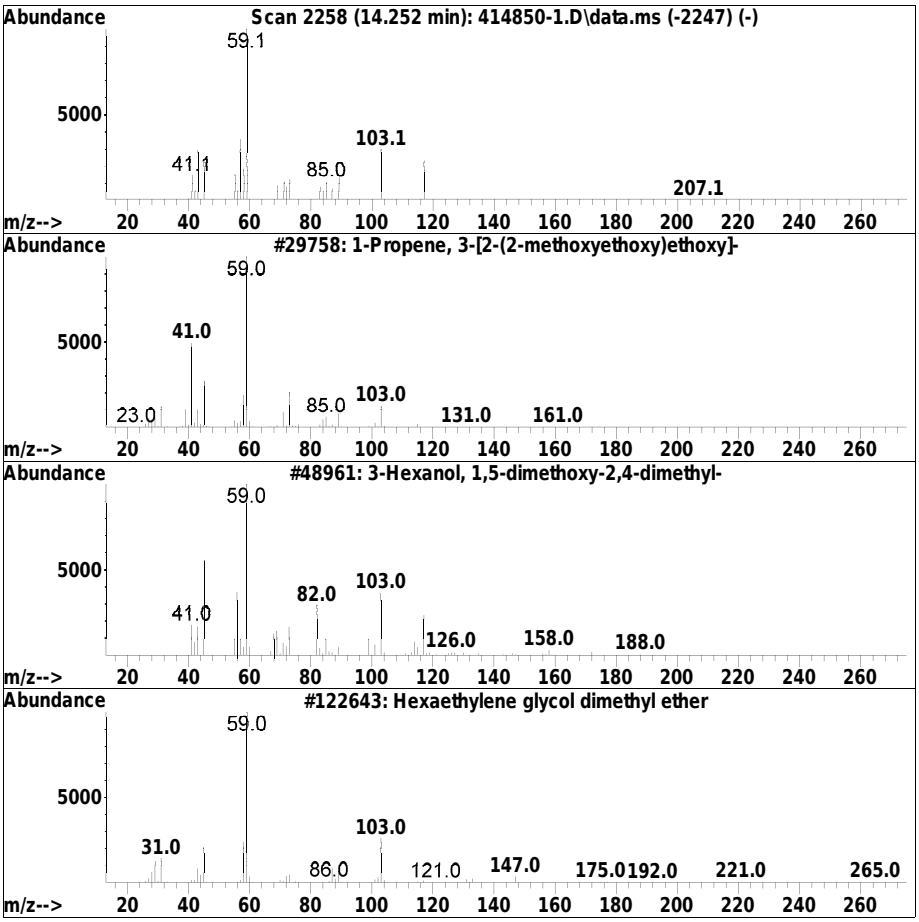
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

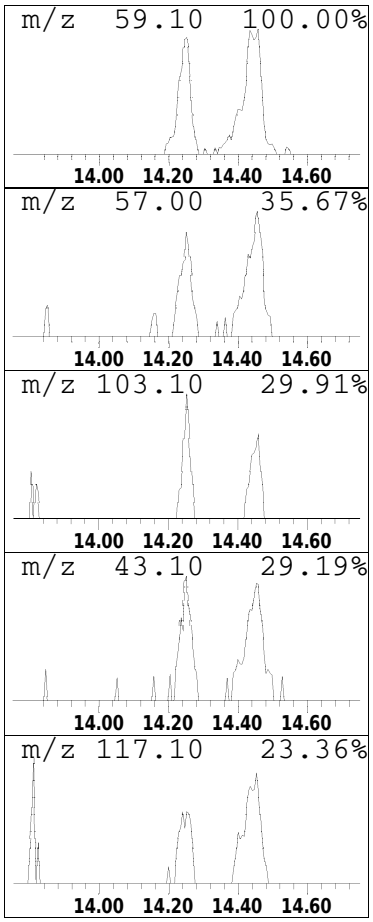
****

Peak Number 6 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.252	0.51 ug/ml	23536	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	59
2	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	50
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	45
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	37
5	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	36





Data Path : I:\8270\SV107\2009241vi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

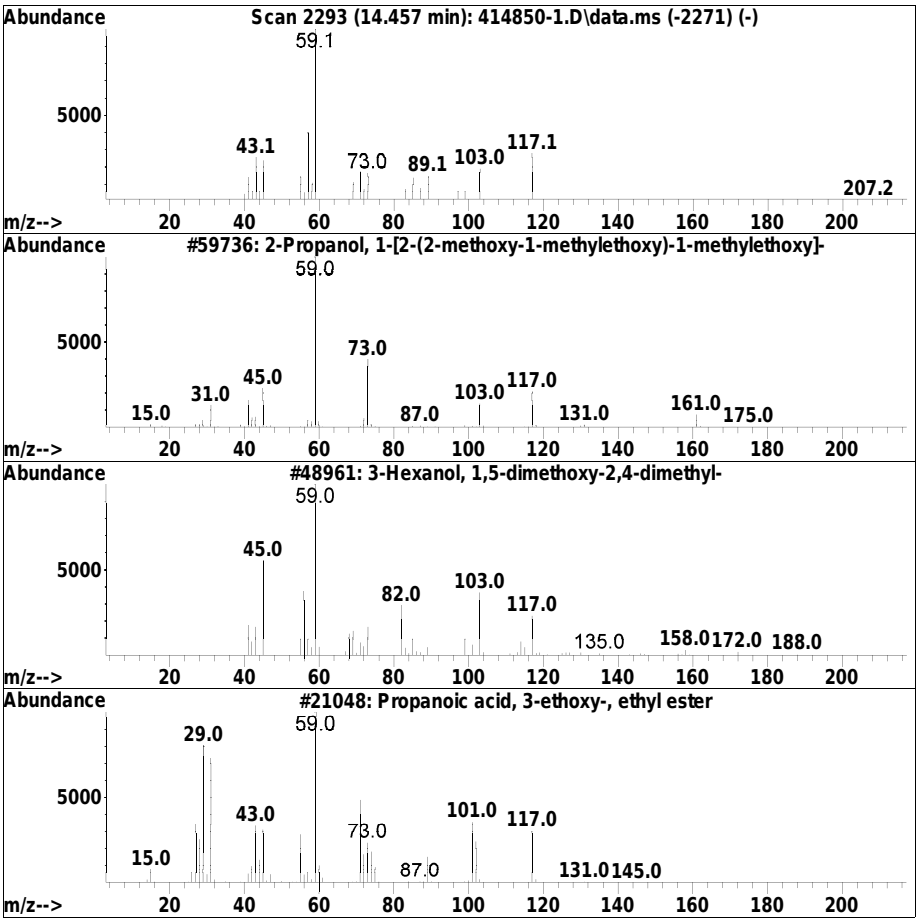
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

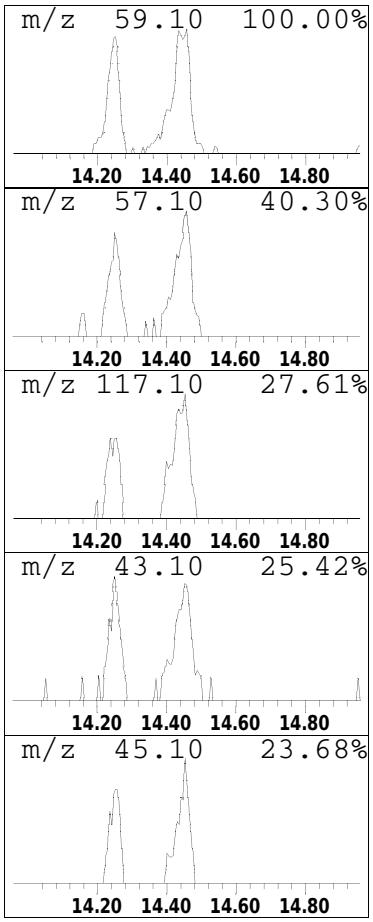
****

Peak Number 7 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.458	0.85 ug/ml	39130	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	45
2	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	40
3	Propanoic acid, 3-ethoxy-, ethyl...	146	C7H14O3	000763-69-9	38
4	Allyl dithioacetate	132	C5H8S2	027249-83-8	38
5	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	36





Data Path : I:\8270\SV107\200924lvi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\200924lvi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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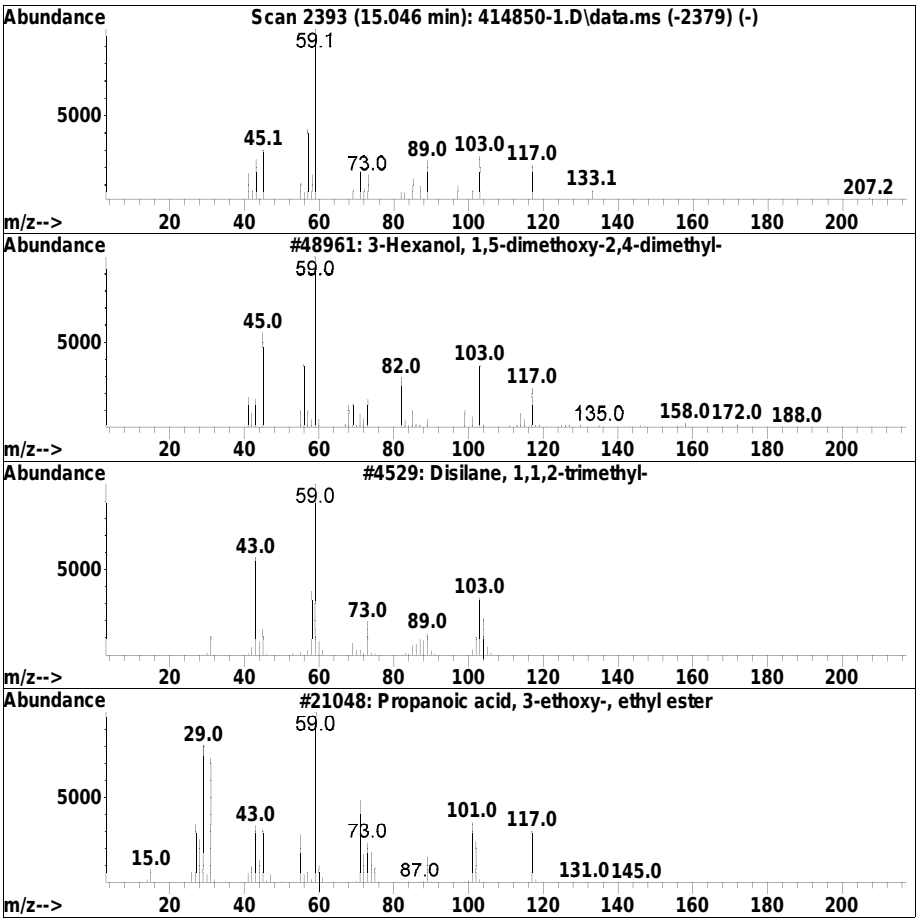
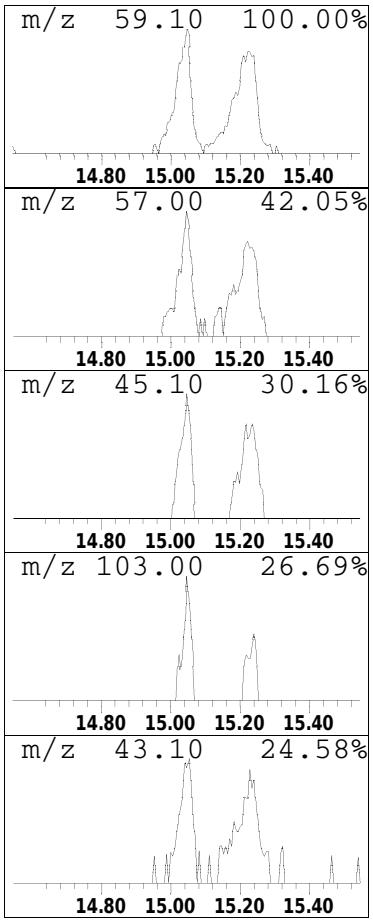
Peak Number 8 Unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.046	0.65 ug/ml	30012	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	40
2	Disilane, 1,1,2-trimethyl-	104	C3H12Si2	000814-74-4	33
3	Propanoic acid, 3-ethoxy-, ethyl...	146	C7H14O3	000763-69-9	33
4	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	28
5	Silane, [2-(2-methoxyethoxy)etho...	192	C8H20O3Si	062199-57-9	28





Data Path : I:\8270\SV107\2009241vi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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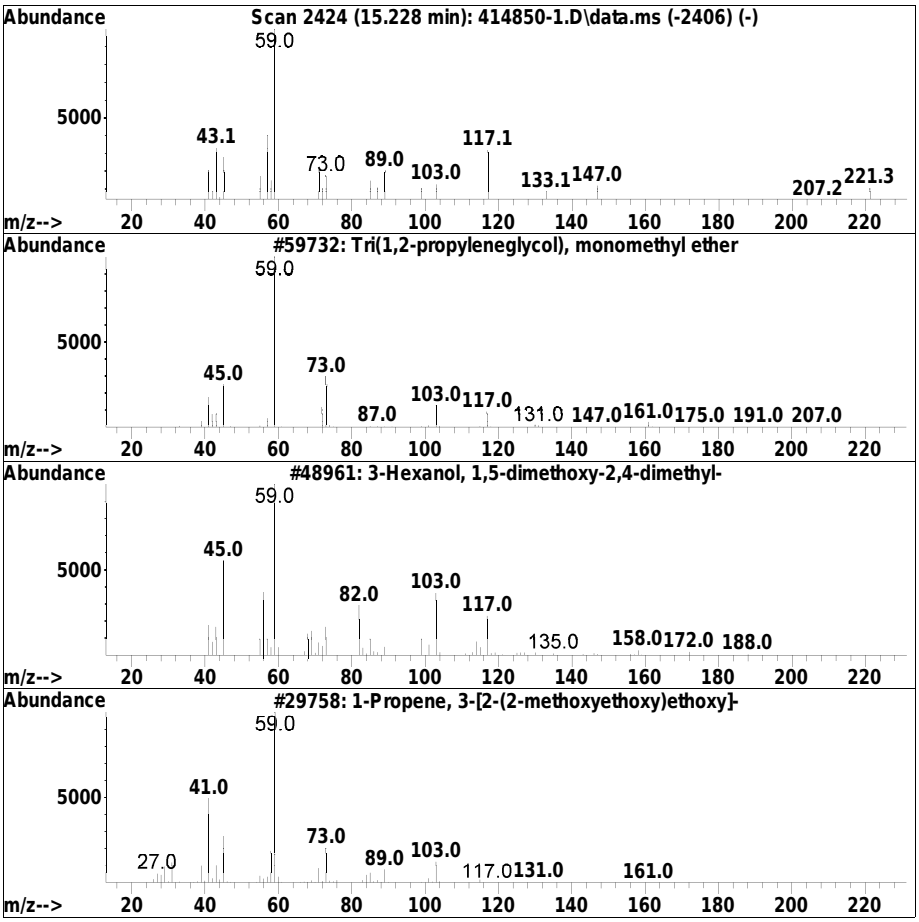
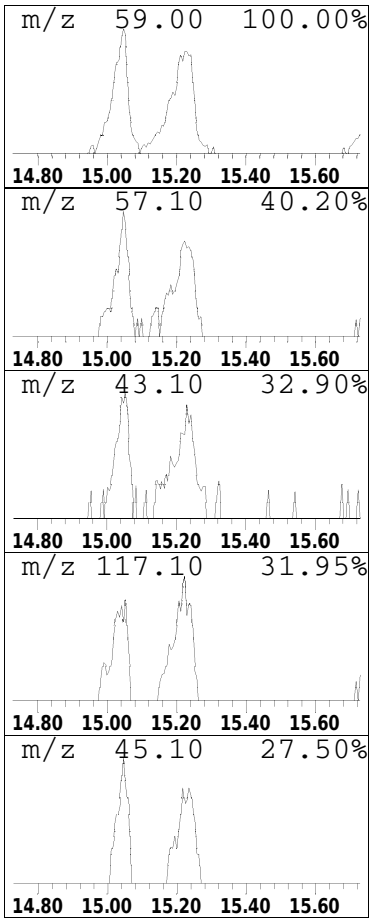
Peak Number 9 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.228	0.76 ug/ml	34809	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	43
2	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	42
3	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	38
4	Propanoic acid, 3-ethoxy-, ethyl...	146	C7H14O3	000763-69-9	28
5	2,3-Dimercaptopropan-1-ol	124	C3H8OS2	000059-52-9	25





Data Path : I:\8270\SV107\2009241vi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

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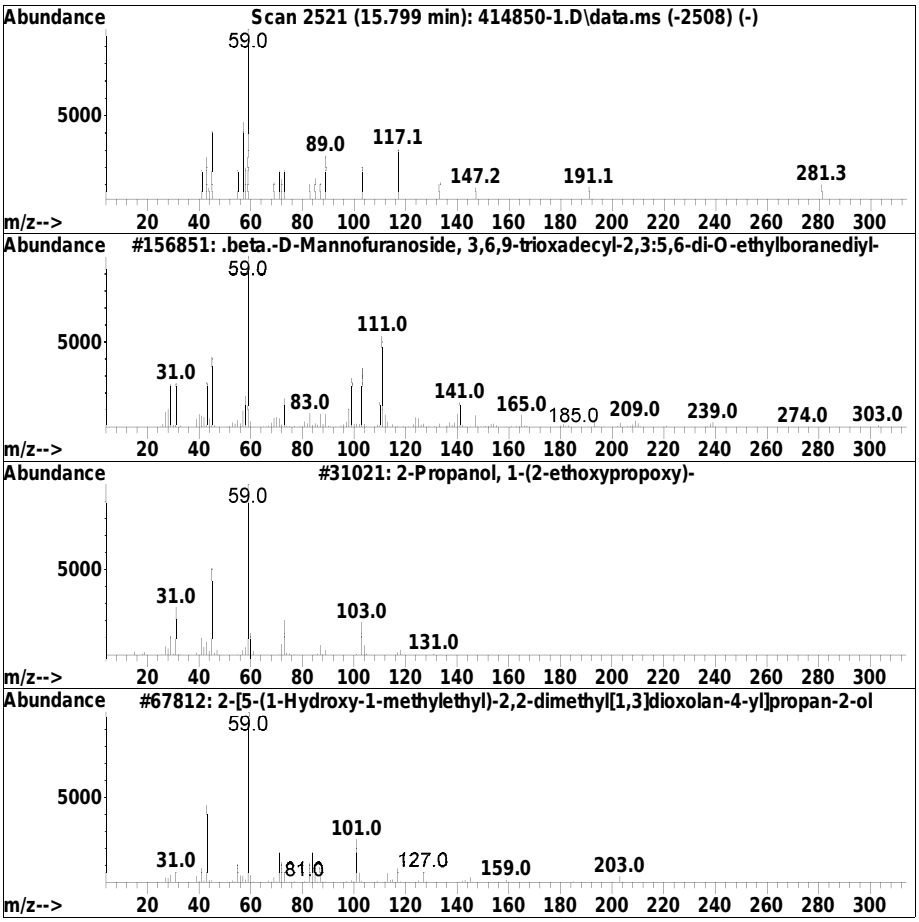
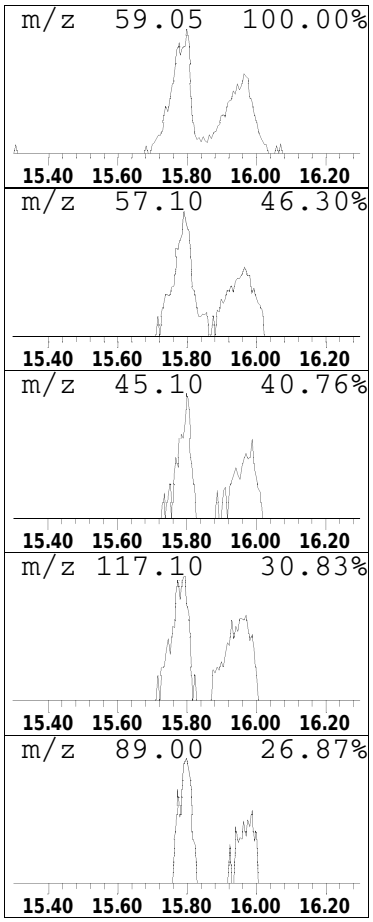
Peak Number 10 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.799	0.59 ug/ml	27234	IS1_Perylene-d12	13.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-D-Mannofuranoside, 3,6,9-...	402	C17H32B2O9	1000155-77-2	42
2	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	36
3	2-[5-(1-Hydroxy-1-methylethyl)-2...	218	C11H22O4	1000190-33-6	35
4	Propanoic acid, 3-ethoxy-, ethyl...	146	C7H14O3	000763-69-9	28
5	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	28





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV107\2009241vi\
Data File : 414850-1.D
Acq On : 24 Sep 2020 9:54 am
Operator : SV107:wr
Sample : wg1413850-1,32,,bnext,am
Misc : wg1414034,wg1413850,ical17065
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV107\2009241vi\FS200712SV107.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.352	1.0	ug/ml	35150	1	5.123	134155	4.0
Unknown	11.899	0.4	ug/ml	20201	12	12.469	184428	4.0
Unknown	12.775	0.6	ug/ml	28429	12	12.469	184428	4.0
Unknown	13.628	0.8	ug/ml	37670	13	13.810	184037	4.0
Unknown	14.252	0.5	ug/ml	23536	13	13.810	184037	4.0
Unknown	14.458	0.9	ug/ml	39130	13	13.810	184037	4.0
Unknown	15.046	0.7	ug/ml	30012	13	13.810	184037	4.0
Unknown	15.228	0.8	ug/ml	34809	13	13.810	184037	4.0
Unknown	15.799	0.6	ug/ml	27234	13	13.810	184037	4.0

GC/MS Extractable Analysis
Method 8270
Selective Ion Monitoring

Sample Results Summary

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-01	**Date Collected**	: 09/18/20 08:36
Client ID	: MW-1	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 15:50
Sample Matrix	: WATER	**Date Extracted**	: 09/22/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 39431-01	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV125
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-02	**Date Collected**	: 09/18/20 10:51
Client ID	: MW-2	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 12:00
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 39431-02	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV125
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-03	**Date Collected**	: 09/18/20 10:42
Client ID	: MW-3	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 12:19
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 39431-03	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV125
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-04	**Date Collected**	: 09/18/20 08:27
Client ID	: MW-4	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 12:38
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 39431-04	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV125
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-05	**Date Collected**	: 09/18/20 09:32
Client ID	: MW-5	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 12:58
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 39431-05	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV125
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-06	**Date Collected**	: 09/18/20 09:41
Client ID	: MW-6	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/24/20 13:17
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 39431-06	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV125
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1413158-1	**Date Collected**	: NA
Client ID	: WG1413158-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/23/20 13:53
Sample Matrix	: WATER	**Date Extracted**	: 09/22/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 413158-1	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV125
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1413851-1	**Date Collected**	: NA
Client ID	: WG1413851-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/24/20 10:05
Sample Matrix	: WATER	**Date Extracted**	: 09/24/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 413851-1	**Analyst**	: JJW
Sample Amount	: 275 ml	**Instrument ID**	: SV125
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV125	**Analysis Date**	: 09/17/20 14:19
Tune Standard	: R1351345-11	**Tune File ID**	: Tune_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	79.1
68	Less than 2.0% of mass 69	1 (1.7)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	67.6
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	26.1
365	Greater than 1.0% of mass 198	3.2
441	Present, but less than 24% of mass 442	18.7
442	Base Peak, or >50% of mass 198	90.1
443	15.0 - 24.0% of mass 442	16 (17.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
IL10	R1351345-1	IL10	09/17/20 14:51
IL9	R1351345-9	IL9	09/17/20 15:10
IL8	R1351345-8	IL8	09/17/20 15:28
IL7	R1351345-12	IL7	09/17/20 15:47
IL6	R1351345-6	IL6	09/17/20 16:06
IL5	R1351345-7	IL5	09/17/20 16:25
IL4	R1351345-4	IL4	09/17/20 16:43
IL3	R1351345-3	IL3	09/17/20 17:02
IL2	R1351345-5	IL2	09/17/20 17:21
IL1	R1351345-2	IL1	09/17/20 17:40
ICV Quant Report	R1351345-10	ICV	09/17/20 17:59

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV125	**Analysis Date**	: 09/23/20 09:26
Tune Standard	: WG1413457-1	**Tune File ID**	: deg0923_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	71
68	Less than 2.0% of mass 69	0.7 (1.2)1
69		100
70	Less than 2.0% of mass 69	0.3 (.5)1
127	10.0 - 80.0% of Base Peak	65.4
197	Less than 2.0% of mass 198	0.4
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7.2
275	10.0 - 60.0% of Base Peak	25.4
365	Greater than 1.0% of mass 198	3.1
441	Present, but less than 24% of mass 442	18.4
442	Base Peak, or >50% of mass 198	83.9
443	15.0 - 24.0% of mass 442	17 (20.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1413457-3CCAL	WG1413457-3	CCV0923	09/23/20 09:45
WG1413158-2LCS	WG1413158-2	413158-2	09/23/20 13:15
WG1413158-1BLANK	WG1413158-1	413158-1	09/23/20 13:53
WG1413158-3LCSD	WG1413158-3	13158-3R	09/23/20 16:26

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV125	**Analysis Date**	: 09/24/20 09:10
Tune Standard	: WG1414051-1	**Tune File ID**	: deg0924_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	73.5
68	Less than 2.0% of mass 69	1.1 (1.9)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	66
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.2
275	10.0 - 60.0% of Base Peak	24.3
365	Greater than 1.0% of mass 198	2.5
441	Present, but less than 24% of mass 442	20.1
442	Base Peak, or >50% of mass 198	79.7
443	15.0 - 24.0% of mass 442	16.6 (20.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1414051-3CCAL	WG1414051-3	CCV0924	09/24/20 09:27
WG1413851-1BLANK	WG1413851-1	413851-1	09/24/20 10:05
WG1413851-2LCS	WG1413851-2	413851-2	09/24/20 10:25
WG1413851-3LCSD	WG1413851-3	413851-3	09/24/20 10:44
MW-2	L2039431-02	39431-02	09/24/20 12:00
MW-3	L2039431-03	39431-03	09/24/20 12:19
MW-4	L2039431-04	39431-04	09/24/20 12:38
MW-5	L2039431-05	39431-05	09/24/20 12:58
MW-6	L2039431-06	39431-06	09/24/20 13:17
MW-1	L2039431-01	39431-01	09/24/20 15:50

Blank Results Summary

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab Sample ID	: WG1413158-1	**Lab File ID**	: 413158-1
Instrument ID	: SV125	**Extraction Date**	: 09/22/20
Matrix	: WATER	**Analysis Date**	: 09/23/20 13:53
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1413158-2LCS	WG1413158-2	09/23/20 13:15
WG1413158-3LCSD	WG1413158-3	09/23/20 16:26
MW-1	L2039431-01	09/24/20 15:50

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab Sample ID	: WG1413851-1	**Lab File ID**	: 413851-1
Instrument ID	: SV125	**Extraction Date**	: 09/24/20
Matrix	: WATER	**Analysis Date**	: 09/24/20 10:05
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1413851-2LCS	WG1413851-2	09/24/20 10:25
WG1413851-3LCSD	WG1413851-3	09/24/20 10:44
MW-2	L2039431-02	09/24/20 12:00
MW-3	L2039431-03	09/24/20 12:19
MW-4	L2039431-04	09/24/20 12:38
MW-5	L2039431-05	09/24/20 12:58
MW-6	L2039431-06	09/24/20 13:17

Standards Data Summary

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2039431**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: SV125**	**Ical Ref**	**: ICAL17142**
Calibration dates	**: 09/17/20 14:51 09/17/20 17:40**		

Calibration Files
L1 =IL1.D L2 =IL2.D L3 =IL3.D L4 =IL4.D L5 =IL5.D L6 =IL6.D L7 =IL7.D L8 =IL8.D
L9 =IL9.D L10 =IL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD	
1)	i	1,4-Dichlorobenzene-d4	----------ISTD----------												
2)	T	1,4-Dioxane			0.485	0.509	0.485	0.466	0.466	0.458	0.461	0.644	0.497	12.47	
3)	s	2-Fluorophenol		1.028	0.999	1.011	1.016	1.023	1.057	1.070	1.082	1.039	1.036	2.72	
4)	s	Phenol-d6		1.228	1.169	1.196	1.156	1.181	1.219	1.237	1.251	1.216	1.206	2.66	
5)	T	bis(2-Chloroethyl)ether		1.108	1.108	1.123	1.093	1.103	1.111	1.062	1.051	1.030	1.088	2.95	
6)	T	n-Nitrosodi-n-propylamine		0.654	0.649	0.659	0.627	0.646	0.666	0.683	0.705	0.703	0.666	3.96	
7)	t	Hexachloroethane		0.502	0.475	0.477	0.469	0.474	0.480	0.477	0.483	0.476	0.479	1.97	
8)	s	Nitrobenzene-d5		0.933	0.916	0.915	0.869	0.898	0.926	0.956	0.986	0.968	0.930	3.90	
9)	i	Naphthalene-d8	----------ISTD----------												
10)	t	Naphthalene		1.117	1.077	1.089	1.056	1.051	1.044	1.002	0.997	0.962	1.044	4.72	
11)	t	Hexachlorobutadiene		0.182	0.187	0.191	0.183	0.181	0.179	0.172	0.170	0.161	0.178	5.25	
12)	t	2-Methylnaphthalene		0.690	0.681	0.684	0.657	0.662	0.665	0.635	0.617	0.587	0.653	5.23	
13)	t	1-Methylnaphthalene		0.639	0.626	0.635	0.617	0.613	0.613	0.579	0.570	0.550	0.605	5.15	
14)	s	2-Fluorobiphenyl			0.786	0.804	0.755	0.765	0.748	0.709	0.698	0.664	0.741	6.36	
15)	t	2-Chloronaphthalene		0.671	0.658	0.674	0.651	0.649	0.651	0.628	0.627	0.612	0.647	3.21	
16)	t	Acenaphthylene		0.860	0.870	0.897	0.888	0.893	0.957	1.007	1.024	0.999	0.933	6.89	
17)	i	Acenaphthene-d10	----------ISTD----------												
18)	t	Acenaphthene			1.525	1.472	1.453	1.411	1.406	1.320	1.331	1.276	1.399	6.05	
19)	t	Fluorene			1.361	1.372	1.361	1.345	1.376	1.366	1.388	1.327	1.362	1.39	
20)	s	2,4,6-Tribromophenol			0.144	0.156	0.160	0.156	0.173	0.185	0.193		0.167	10.42	
21)	i	Phenanthrene-d10	----------ISTD----------												
22)	T	4,6-Dinitro-o-cresol					0.043	0.050	0.061	0.076	0.084	0.086		*Q	0.9989
23)	t	Hexachlorobenzene	0.278	0.254	0.251	0.255	0.249	0.247	0.245	0.229	0.229	0.216	0.245	7.02	
24)	t	Pentachlorophenol			0.047	0.049	0.059	0.073	0.092	0.113				*Q	0.9993
25)	t	Phenanthrene		1.268	1.184	1.181	1.154	1.128	1.105	1.040	1.049	1.008	1.124	7.37	
26)	t	Anthracene		1.041	0.986	1.007	1.007	1.005	1.031	1.039	1.056	1.021	1.021	2.17	
27)	t	Fluoranthene		1.078	1.050	1.067	1.056	1.045	1.079	1.101	1.129	1.110	1.079	2.67	
28)	t	Pyrene		1.101	1.059	1.082	1.071	1.064	1.113	1.137	1.155	1.117	1.100	3.05	
29)	s	4-Terphenyl-d14			0.670	0.685	0.672	0.676	0.705	0.698	0.691	0.659	0.682	2.30	
30)	i	Chrysene-d12	----------ISTD----------												
31)	t	Benzo[a]anthracene		2.229	1.536	1.351	1.224	1.149	1.134	1.151	1.219	1.196		*L	0.9996
32)	t	Chrysene		1.400	1.383	1.314	1.341	1.302	1.281	1.152	1.142	1.136	1.272	8.15	
33)	T	bis(2-Ethylhexyl)phthalate		0.720	0.587	0.541	0.502	0.485	0.500	0.623	0.712	0.774	0.605	17.87	
34)	i	Perylene-d12	----------ISTD----------												
35)	t	Benzo[b]fluoranthene		1.253	1.172	1.205	1.229	1.218	1.203	1.292	1.298	1.299	1.241	3.78	
36)	t	Benzo[k]fluoranthene		1.052	1.101	1.095	1.074	1.073	1.184	1.142	1.172	1.112	1.112	4.11	

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2039431**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: SV125**	**Ical Ref**	**: ICAL17142**
Calibration dates	**: 09/17/20 14:51 09/17/20 17:40**		

Calibration Files

L1 =IL1.D L2 =IL2.D L3 =IL3.D L4 =IL4.D L5 =IL5.D L6 =IL6.D L7 =IL7.D L8 =IL8.D

L9 =IL9.D L10 =IL10.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37) t	Benzo[a]pyrene		0.889	0.872	0.883	0.900	0.895	0.956	1.023	1.067	1.078	0.952	8.73
38) t	Indeno[1,2,3-cd]pyrene		1.030	0.981	0.981	0.981	0.948	0.979	1.044	1.125	1.167	1.026	7.26
39) t	Dibenzo[a,h]anthracene		0.977	0.924	0.969	0.969	0.980	1.103	1.125	1.147	1.144	1.038	8.66
40) t	Benzo[g,h,i]perylene		1.157	1.123	1.129	1.151	1.131	1.171	1.163	1.212	1.219	1.162	2.98

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: SV125	**Calibration Date**	: 09/23/20 09:45		
Lab File ID	: CCV0923	**Init. Calib. Date(s)**	: 09/17/20	09/17/20	
Sample No	: WG1413457-3	**Init. Calib. Times**	: 14:51	17:40	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	115	0
1,4-Dioxane	0.497	0.456	.05	8.2	20	112	0
2-Fluorophenol	1.036	1.013	.05	2.2	20	110	0
Phenol-d6	1.206	1.165	.05	3.4	20	110	0
Bis(2-chloroethyl)ether	1.088	1.116	.05	-2.6	20	115	0
n-nitrosodi-n-propylamine	0.666	0.731	.05	-9.8	20	126	0
Hexachloroethane	0.479	0.512	.05	-6.9	20	123	0
Nitrobenzene-d5	0.93	1.067	.05	-14.7	20	132	0
Naphthalene-d8	1	1	.05	0	20	119	0
Naphthalene	1.044	1.021	.05	2.2	20	116	0
Hexachlorobutadiene	0.178	0.175	.05	1.7	20	116	0
2-Methylnaphthalene	0.653	0.672	.05	-2.9	20	120	0
1-Methylnaphthalene	0.605	0.618	.05	-2.1	20	120	0
2-Fluorobiphenyl	0.741	0.76	.05	-2.6	20	121	0
2-Chloronaphthalene	0.647	0.671	.05	-3.7	20	123	0
Acenaphthylene	0.933	1.078	.05	-15.5	20	134	0
Acenaphthene-d10	1	1	.05	0	20	130	0
Acenaphthene	1.399	1.39	.05	0.6	20	128	0
Fluorene	1.362	1.46	.05	-7.2	20	138	0
2,4,6-Tribromophenol	0.167	0.22	.05	-31.7*	20	165	0
Phenanthrene-d10	1	1	.05	0	20	144	0
4,6-Dinitro-o-cresol	1000	1064.479	.05	-6.4	20	180	0
Hexachlorobenzene	0.245	0.227	.05	7.3	20	134	0
Pentachlorophenol	1000	1061.568	.05	-6.2	20	149	0
Phenanthrene	1.124	1.058	.05	5.9	20	138	0
Anthracene	1.021	1.07	.05	-4.8	20	150	0
Fluoranthene	1.079	1.17	.05	-8.4	20	156	0
Pyrene	1.1	1.198	.05	-8.9	20	155	0
4-Terphenyl-d14	0.682	0.723	.05	-6	20	148	0
Chrysene-d12	1	1	.05	0	20	151	0
Benzo[a]anthracene	1000	1001.974	.05	-0.2	20	160	0
Chrysene	1.272	1.229	.05	3.4	20	145	0
Bis(2-ethylhexyl)phthalate	0.605	0.813	.05	-34.4*	20	245	0
Perylene-d12	1	1	.05	0	20	151	0
Benzo[b]fluoranthene	1.241	1.33	.05	-7.2	20	166	0
Benzo[k]fluoranthene	1.112	1.172	.05	-5.4	20	149	0
Benzo[a]pyrene	0.952	1.046	.05	-9.9	20	165	0
Indeno[1,2,3-cd]pyrene	1.026	1.101	.05	-7.3	20	169	0
Dibenzo[a,h]anthracene	1.038	1.187	.05	-14.4	20	162	0
Benzo[g,h,i]perylene	1.162	1.178	.05	-1.4	20	151	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: SV125	**Calibration Date**	: 09/24/20 09:27		
Lab File ID	: CCV0924	**Init. Calib. Date(s)**	: 09/17/20	09/17/20	
Sample No	: WG1414051-3	**Init. Calib. Times**	: 14:51	17:40	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	99	0
1,4-Dioxane	0.497	0.474	.05	4.6	20	101	0
2-Fluorophenol	1.036	1.033	.05	0.3	20	97	0
Phenol-d6	1.206	1.155	.05	4.2	20	94	0
Bis(2-chloroethyl)ether	1.088	1.092	.05	-0.4	20	97	0
n-nitrosodi-n-propylamine	0.666	0.685	.05	-2.9	20	102	0
Hexachloroethane	0.479	0.508	.05	-6.1	20	105	0
Nitrobenzene-d5	0.93	1.024	.05	-10.1	20	109	0
Naphthalene-d8	1	1	.05	0	20	100	0
Naphthalene	1.044	1.019	.05	2.4	20	97	0
Hexachlorobutadiene	0.178	0.174	.05	2.2	20	97	0
2-Methylnaphthalene	0.653	0.646	.05	1.1	20	97	0
1-Methylnaphthalene	0.605	0.598	.05	1.2	20	97	0
2-Fluorobiphenyl	0.741	0.722	.05	2.6	20	96	0
2-Chloronaphthalene	0.647	0.642	.05	0.8	20	98	0
Acenaphthylene	0.933	1.01	.05	-8.3	20	105	0
Acenaphthene-d10	1	1	.05	0	20	102	0
Acenaphthene	1.399	1.385	.05	1	20	101	0
Fluorene	1.362	1.407	.05	-3.3	20	105	0
2,4,6-Tribromophenol	0.167	0.206	.05	-23.4*	20	122	0
Phenanthrene-d10	1	1	.05	0	20	110	0
4,6-Dinitro-o-cresol	1000	964.985	.05	3.5	20	124	0
Hexachlorobenzene	0.245	0.224	.05	8.6	20	100	0
Pentachlorophenol	1000	954.883	.05	4.5	20	101	0
Phenanthrene	1.124	1.05	.05	6.6	20	105	0
Anthracene	1.021	1.052	.05	-3	20	112	0
Fluoranthene	1.079	1.143	.05	-5.9	20	117	0
Pyrene	1.1	1.185	.05	-7.7	20	117	0
4-Terphenyl-d14	0.682	0.698	.05	-2.3	20	109	0
Chrysene-d12	1	1	.05	0	20	119	0
Benzo[a]anthracene	1000	943.931	.05	5.6	20	119	0
Chrysene	1.272	1.266	.05	0.5	20	117	0
Bis(2-ethylhexyl)phthalate	0.605	0.688	.05	-13.7	20	163	0
Perylene-d12	1	1	.05	0	20	125	0
Benzo[b]fluoranthene	1.241	1.226	.05	1.2	20	127	0
Benzo[k]fluoranthene	1.112	1.2	.05	-7.9	20	126	0
Benzo[a]pyrene	0.952	1.032	.05	-8.4	20	135	0
Indeno[1,2,3-cd]pyrene	1.026	1.105	.05	-7.7	20	141	0
Dibenzo[a,h]anthracene	1.038	1.171	.05	-12.8	20	132	0
Benzo[g,h,i]perylene	1.162	1.196	.05	-2.9	20	127	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Lisko Environmental, LLC
Project Name: PISTOIA TIRE CO

Lab Number: L2039431
Project Number: 0064-5
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (NBZ)	S2 (FBP)	S3 (TPH)	S4 ()	S5 ()	S6 ()	TOT OUT
MW-1 (L2039431-01)	51	46	56	--	--	--	0
MW-2 (L2039431-02)	78	69	90	--	--	--	0
MW-3 (L2039431-03)	78	79	95	--	--	--	0
MW-4 (L2039431-04)	85	80	96	--	--	--	0
MW-5 (L2039431-05)	87	90	101	--	--	--	0
MW-6 (L2039431-06)	64	61	77	--	--	--	0
WG1413158-1BLANK	76	75	81	--	--	--	0
WG1413158-2LCS	80	76	88	--	--	--	0
WG1413158-3LCSD	64	59	70	--	--	--	0
WG1413851-1BLANK	96	83	97	--	--	--	0
WG1413851-2LCS	91	84	96	--	--	--	0
WG1413851-3LCSD	82	77	93	--	--	--	0

QC LIMITS

(30-130) NBZ = NITROBENZENE-D5
(30-130) FBP = 2-FLUOROBIPHENYL
(30-130) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NJ-BNEXT-SIM-LVI

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1413158-2	**Analysis Date** : 09/23/20 13:15	**File ID** : 413158-2
LCSD Sample ID	: WG1413158-3	**Analysis Date** : 09/23/20 16:26	**File ID** : 13158-3r

	Laboratory Control Sample				Laboratory Control Duplicate						
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD		Recovery Limits	RPD Limit
Benzo(a)anthracene	3.6	2.9	80		3.6	2.3	64	Q	28	Q	70-130	20
Benzo(a)pyrene	3.6	3.4	93		3.6	2.6	71		28	Q	70-130	20
Benzo(b)fluoranthene	3.6	3.2	87		3.6	2.2	62	Q	31	Q	70-130	20
Benzo(k)fluoranthene	3.6	3.3	90		3.6	2.6	72		28	Q	70-130	20
Dibenzo(a,h)anthracene	3.6	3.5	95		3.6	2.6	71		30	Q	70-130	20
Indeno(1,2,3-cd)pyrene	3.6	3.3	91		3.6	2.5	69	Q	30	Q	70-130	20
Hexachlorobenzene	3.6	2.6	73		3.6	2.0	56	Q	42	Q	70-130	20
Hexachlorobutadiene	3.6	2.4	68	Q	3.6	1.8	50	Q	31	Q	70-130	20

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1413851-2 **Analysis Date** : 09/24/20 10:25	**File ID**	: 413851-2
LCSD Sample ID	: WG1413851-3 **Analysis Date** : 09/24/20 10:44	**File ID**	: 413851-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	3.6	3.8	106	3.6	3.8	104	2	70-130	20
Benzo(a)pyrene	3.6	4.4	122	3.6	4.3	119	2	70-130	20
Benzo(b)fluoranthene	3.6	3.9	108	3.6	3.9	108	0	70-130	20
Benzo(k)fluoranthene	3.6	4.5	125	3.6	4.3	118	6	70-130	20
Dibenzo(a,h)anthracene	3.6	4.3	119	3.6	4.2	116	3	70-130	20
Indeno(1,2,3-cd)pyrene	3.6	4.2	115	3.6	4.1	113	2	70-130	20
Hexachlorobenzene	3.6	3.5	96	3.6	3.2	89	8	70-130	20
Hexachlorobutadiene	3.6	3.3	90	3.6	2.9	81	11	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV125	**Analysis Date**	: 09/23/20 09:45
Sample No	: WG1413457-3	**Lab File ID**	: CCV0923

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1413457-3	57057	3.01	210083	3.84	110382	5.03
Upper Limit	114114	3.51	420166	4.34	220764	5.53
Lower Limit	28529	2.51	105042	3.34	55191	4.53
Sample ID						
WG1413158-2 LCS	40460	3.02	142422	3.84	70203	5.03
WG1413158-1 BLANK	44254	3.01	157104	3.84	78671	5.03
WG1413158-3 LCSD	56399	3.02	202585	3.84	103036	5.03

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV125	**Analysis Date**	: 09/23/20 09:45
Sample No	: WG1413457-3	**Lab File ID**	: CCV0923

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1413457-3	236773	6.05	210111	7.86	207925	9.05
Upper Limit	473546	6.55	420222	8.36	415850	9.55
Lower Limit	118387	5.55	105056	7.36	103963	8.55
Sample ID						
WG1413158-2 LCS	139931	6.05	120428	7.86	126071	9.04
WG1413158-1 BLANK	160865	6.05	137476	7.86	141301	9.04
WG1413158-3 LCSD	212786	6.05	188369	7.86	193914	9.04

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV125	**Analysis Date**	: 09/24/20 09:27
Sample No	: WG1414051-3	**Lab File ID**	: CCV0924

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1414051-3	49160	3.01	175925	3.84	87116	5.03
Upper Limit	98320	3.51	351850	4.34	174232	5.53
Lower Limit	24580	2.51	87963	3.34	43558	4.53
Sample ID						
WG1413851-1 BLANK	40976	3.01	147843	3.84	74656	5.03
WG1413851-2 LCS	42291	3.02	151434	3.84	76880	5.03
WG1413851-3 LCSD	42121	3.01	150785	3.84	76401	5.03
MW-2	41868	3.01	150526	3.84	74035	5.03
MW-3	41497	3.01	151555	3.84	76922	5.03
MW-4	44301	3.01	158770	3.84	77787	5.03
MW-5	41128	3.01	148401	3.84	76599	5.03
MW-6	37094	3.01	134281	3.84	68479	5.03
MW-1	45486	3.01	160879	3.84	77632	5.03

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV125	**Analysis Date**	: 09/24/20 09:27
Sample No	: WG1414051-3	**Lab File ID**	: CCV0924

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1414051-3	180707	6.05	165445	7.86	172157	9.04
Upper Limit	361414	6.55	330890	8.36	344314	9.54
Lower Limit	90354	5.55	82723	7.36	86079	8.54
Sample ID						
WG1413851-1 BLANK	142755	6.05	122767	7.86	126555	9.04
WG1413851-2 LCS	146812	6.04	127879	7.86	130085	9.04
WG1413851-3 LCSD	146177	6.04	128448	7.86	131688	9.04
MW-2	139459	6.05	129741	7.86	136354	9.04
MW-3	150702	6.05	133912	7.86	139831	9.04
MW-4	147159	6.05	132915	7.86	137628	9.04
MW-5	152200	6.05	131784	7.86	134878	9.04
MW-6	139634	6.05	126809	7.86	136691	9.04
MW-1	152470	6.04	136921	7.86	140194	9.04

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-02.D
Acq On : 24 Sep 2020 12:00 pm
Operator : SV125:dv
Sample : 12039431-02,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 24 16:27:12 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200924LVI\ccv0924.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.013	152	41868	4000.000	ng/ml	0.00
Standard Area 1 = 49160			Recovery = 85.17%			
9) Naphthalene-d8	3.839	136	150526	4000.000	ng/ml	# 0.00
Standard Area 1 = 175925			Recovery = 85.56%			
17) Acenaphthene-d10	5.032	164	74035	4000.000	ng/ml	0.00
Standard Area 1 = 87116			Recovery = 84.98%			
21) Phenanthrene-d10	6.045	188	139459	4000.000	ng/ml	# 0.00
Standard Area 1 = 180707			Recovery = 77.17%			
30) Chrysene-d12	7.857	240	129741	4000.000	ng/ml	# 0.00
Standard Area 1 = 165445			Recovery = 78.42%			
34) Perylene-d12	9.042	264	136354	4000.000	ng/ml	0.00
Standard Area 1 = 172157			Recovery = 79.20%			
System Monitoring Compounds						
3) 2-Fluorophenol	2.237	112	32445	2991.710	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 59834.20%#			
4) Phenol-d6	2.800	99	33095	2621.867	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 52437.34%#			
8) Nitrobenzene-d5	3.370	82	18976	1950.277	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 78011.08%#			
14) 2-Fluorobiphenyl	4.578	172	48398	1734.855	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 69394.20%#			
20) 2,4,6-Tribromophenol	5.573	330	14393	4662.965	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 93259.30%#			
29) 4-Terphenyl-d14	7.152	244	53752	2260.500	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 90420.00%#			

Target Compounds				Qvalue
11) Hexachlorobutadiene	0.000	0	N.D.	
23) Hexachlorobenzene	0.000	0	N.D. d	
31) Benzo[a]anthracene	0.000	0	N.D. d	
35) Benzo[b]fluoranthene	0.000	0	N.D.	
36) Benzo[k]fluoranthene	0.000	0	N.D. d	
37) Benzo[a]pyrene	0.000	0	N.D. d	
38) Indeno[1,2,3-cd]pyrene	0.000	0	N.D.	
39) Dibenzo[a,h]anthracene	0.000	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-02.D
Acq On : 24 Sep 2020 12:00 pm
Operator : SV125:dv
Sample : l2039431-02,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 24 16:27:12 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200924LVI\ccv0924.D
Sub List : Default - All compounds listed

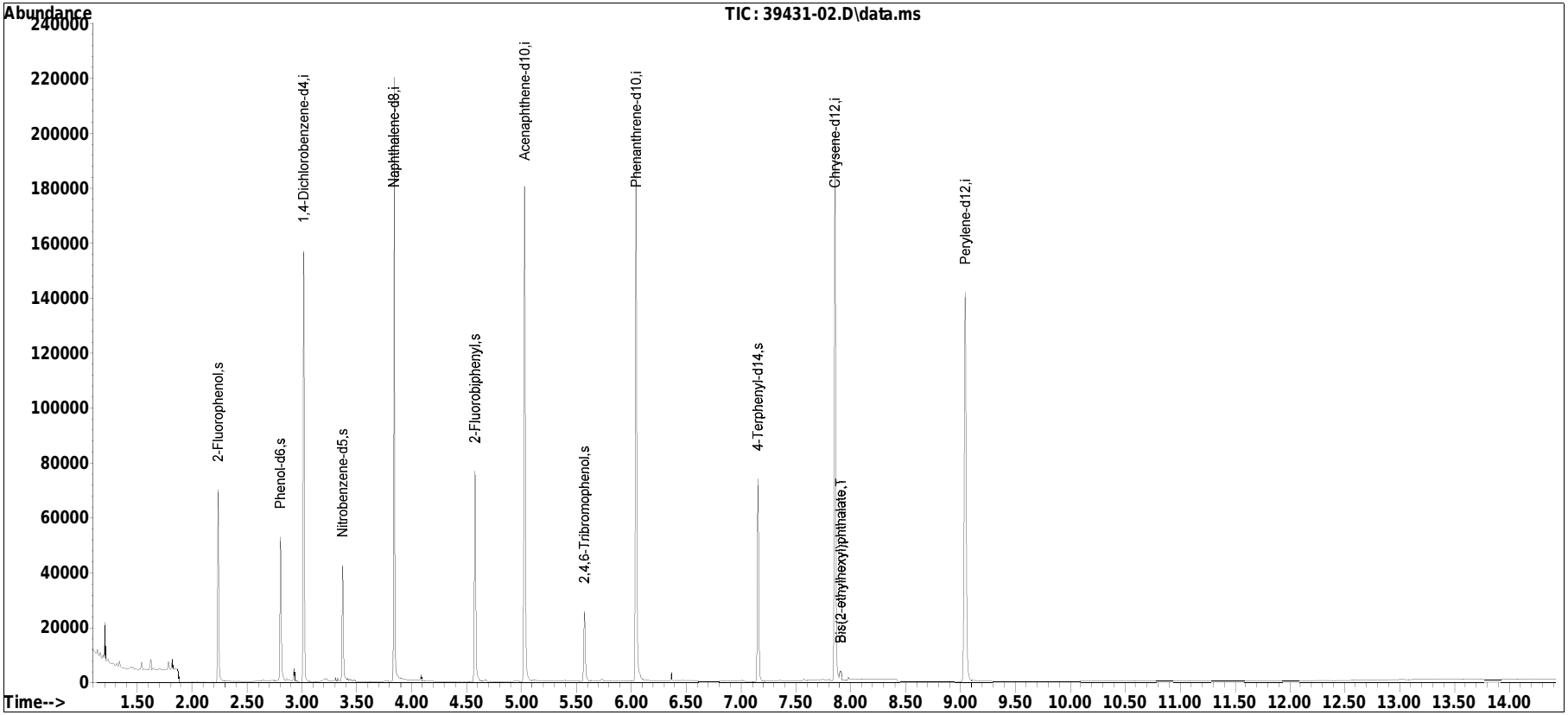
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-02.D
Acq On : 24 Sep 2020 12:00 pm
Operator : SV125:dv
Sample : l2039431-02,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 24 16:27:12 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

Sub List : Default - All compounds listed\ccv0924.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV125\200924LVIQ	Method	: SIM-LVI_200917_sv125.M
Data File	: 39431-02.D	Operator	: SV125:dv
Date Inj'd	: 9/24/2020 12:00 pm	Instrument	: SV125
Sample	: 12039431-02,32,,bnext,jjw	Quant Date	: 9/24/2020 4:26 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-03.D
Acq On : 24 Sep 2020 12:19 pm
Operator : SV125:dv
Sample : 12039431-03,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 24 16:28:29 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200924LVI\ccv0924.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.014	152	41497	4000.000	ng/ml	0.00
Standard Area 1 = 49160			Recovery = 84.41%			
9) Naphthalene-d8	3.840	136	151555	4000.000	ng/ml	# 0.00
Standard Area 1 = 175925			Recovery = 86.15%			
17) Acenaphthene-d10	5.031	164	76922	4000.000	ng/ml	0.00
Standard Area 1 = 87116			Recovery = 88.30%			
21) Phenanthrene-d10	6.046	188	150702	4000.000	ng/ml	# 0.00
Standard Area 1 = 180707			Recovery = 83.40%			
30) Chrysene-d12	7.856	240	133912	4000.000	ng/ml	# 0.00
Standard Area 1 = 165445			Recovery = 80.94%			
34) Perylene-d12	9.038	264	139831	4000.000	ng/ml	0.00
Standard Area 1 = 172157			Recovery = 81.22%			
System Monitoring Compounds						
3) 2-Fluorophenol	2.237	112	32199	2995.570	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 59911.40%#			
4) Phenol-d6	2.799	99	33614	2686.792	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 53735.84%#			
8) Nitrobenzene-d5	3.369	82	18813	1950.811	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 78032.44%#			
14) 2-Fluorobiphenyl	4.579	172	55148	1963.390	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 78535.60%#			
20) 2,4,6-Tribromophenol	5.574	330	15803	4927.616	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 98552.32%#			
29) 4-Terphenyl-d14	7.153	244	60759	2364.547	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 94581.88%#			

Target Compounds			Qvalue
11) Hexachlorobutadiene	0.000	0	N.D.
23) Hexachlorobenzene	0.000	0	N.D.
31) Benzo[a]anthracene	0.000	0	N.D. d
35) Benzo[b]fluoranthene	0.000	0	N.D. d
36) Benzo[k]fluoranthene	0.000	0	N.D. d
37) Benzo[a]pyrene	0.000	0	N.D. d
38) Indeno[1,2,3-cd]pyrene	0.000	0	N.D. d
39) Dibenzo[a,h]anthracene	0.000	0	N.D. d

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-03.D
Acq On : 24 Sep 2020 12:19 pm
Operator : SV125:dv
Sample : 12039431-03,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 24 16:28:29 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200924LVI\ccv0924.D
Sub List : Default - All compounds listed

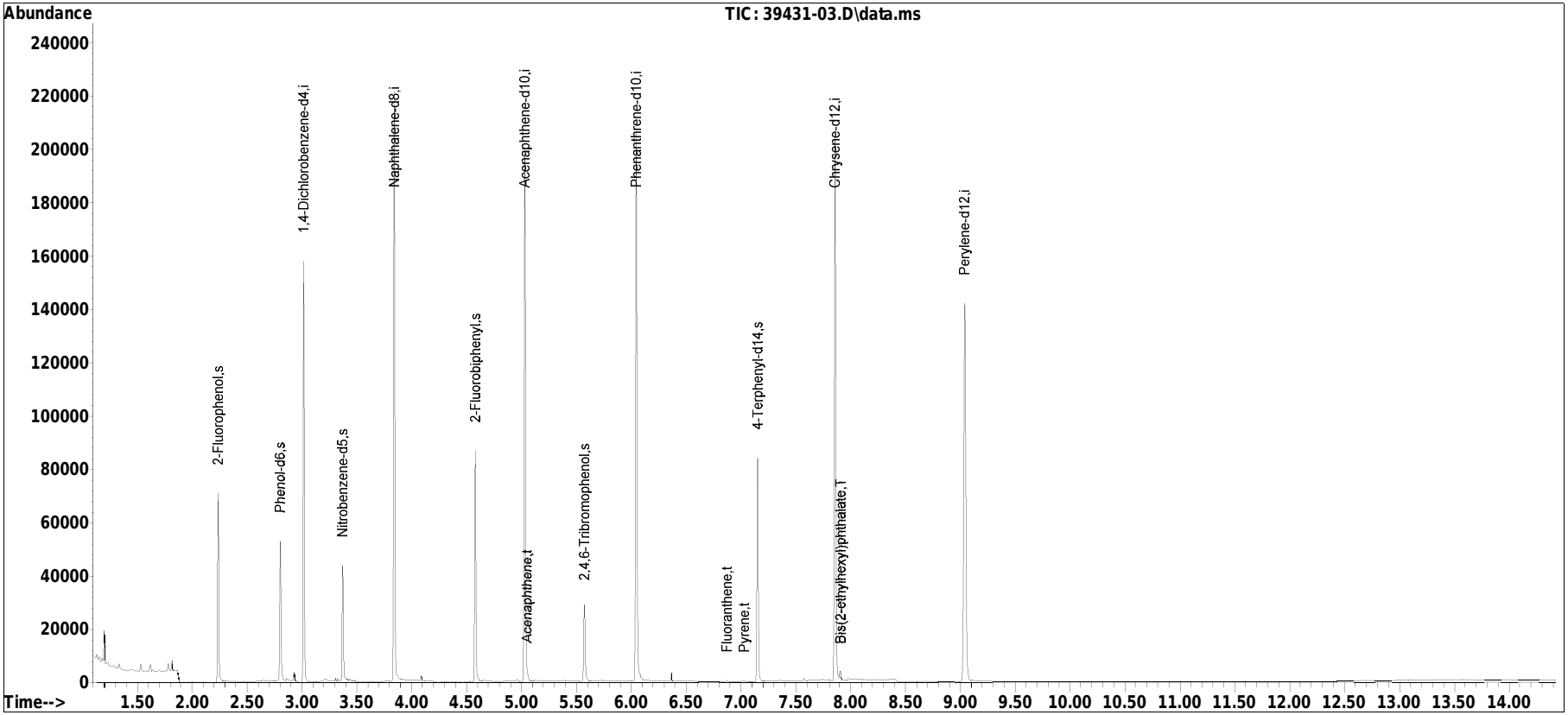
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-03.D
Acq On : 24 Sep 2020 12:19 pm
Operator : SV125:dv
Sample : l2039431-03,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 24 16:28:29 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

Sub List : Default - All compounds listed\ccv0924.D•



Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-04.D
Acq On : 24 Sep 2020 12:38 pm
Operator : SV125:dv
Sample : 12039431-04,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 24 16:29:30 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200924LVI\ccv0924.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.014	152	44301	4000.000	ng/ml	0.00
Standard Area 1 = 49160			Recovery = 90.12%			
9) Naphthalene-d8	3.838	136	158770	4000.000	ng/ml	# 0.00
Standard Area 1 = 175925			Recovery = 90.25%			
17) Acenaphthene-d10	5.031	164	77787	4000.000	ng/ml	0.00
Standard Area 1 = 87116			Recovery = 89.29%			
21) Phenanthrene-d10	6.046	188	147159	4000.000	ng/ml	# 0.00
Standard Area 1 = 180707			Recovery = 81.44%			
30) Chrysene-d12	7.858	240	132915	4000.000	ng/ml	# 0.00
Standard Area 1 = 165445			Recovery = 80.34%			
34) Perylene-d12	9.040	264	137628	4000.000	ng/ml	0.00
Standard Area 1 = 172157			Recovery = 79.94%			
System Monitoring Compounds						
3) 2-Fluorophenol	2.239	112	37171	3239.251	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 64785.02%#			
4) Phenol-d6	2.799	99	37483	2806.411	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 56128.22%#			
8) Nitrobenzene-d5	3.369	82	21944	2131.455	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 85258.20%#			
14) 2-Fluorobiphenyl	4.580	172	58493	1987.846	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 79513.84%#			
20) 2,4,6-Tribromophenol	5.571	330	16735	5160.200	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 103204.00%#			
29) 4-Terphenyl-d14	7.154	244	60208	2399.517	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 95980.68%#			

Target Compounds			Qvalue
11) Hexachlorobutadiene	0.000	0	N.D.
23) Hexachlorobenzene	0.000	0	N.D.
31) Benzo[a]anthracene	0.000	0	N.D. d
35) Benzo[b]fluoranthene	0.000	0	N.D. d
36) Benzo[k]fluoranthene	0.000	0	N.D. d
37) Benzo[a]pyrene	0.000	0	N.D. d
38) Indeno[1,2,3-cd]pyrene	0.000	0	N.D. d
39) Dibenzo[a,h]anthracene	0.000	0	N.D.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-04.D
Acq On : 24 Sep 2020 12:38 pm
Operator : SV125:dv
Sample : l2039431-04,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 24 16:29:30 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200924LVI\ccv0924.D
Sub List : Default - All compounds listed

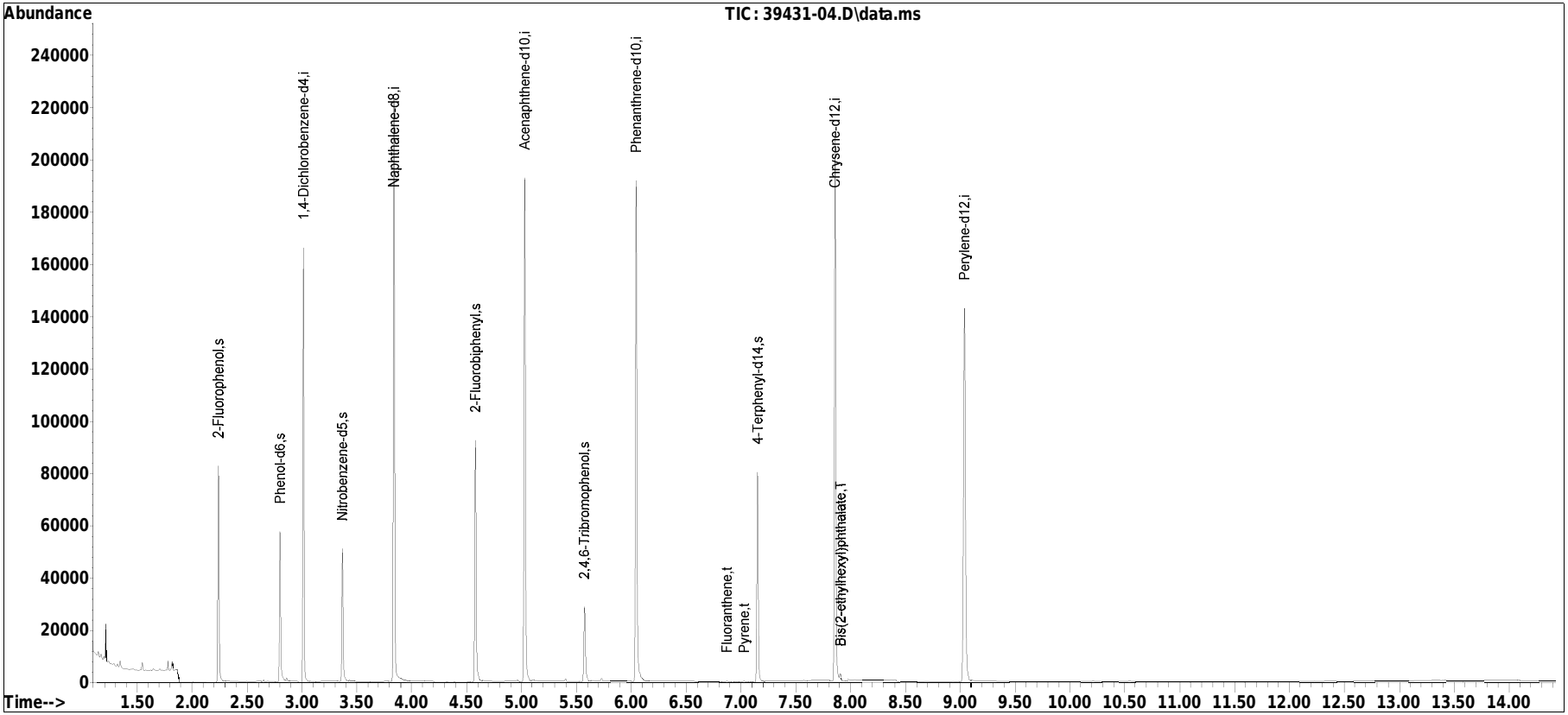
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-04.D
Acq On : 24 Sep 2020 12:38 pm
Operator : SV125:dv
Sample : l2039431-04,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 24 16:29:30 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

Sub List : Default - All compounds listed\ccv0924.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV125\200924LVIQ	Method	: SIM-LVI_200917_sv125.M
Data File	: 39431-04.D	Operator	: SV125:dv
Date Inj'd	: 9/24/2020 12:38 pm	Instrument	: SV125
Sample	: 12039431-04,32,,bnext,jjw	Quant Date	: 9/24/2020 4:28 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-05.D
Acq On : 24 Sep 2020 12:58 pm
Operator : SV125:dv
Sample : 12039431-05,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 24 16:30:48 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200924LVI\ccv0924.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.014	152	41128	4000.000	ng/ml	0.00
Standard Area 1 = 49160			Recovery = 83.66%			
9) Naphthalene-d8	3.840	136	148401	4000.000	ng/ml	# 0.00
Standard Area 1 = 175925			Recovery = 84.35%			
17) Acenaphthene-d10	5.030	164	76599	4000.000	ng/ml	0.00
Standard Area 1 = 87116			Recovery = 87.93%			
21) Phenanthrene-d10	6.046	188	152200	4000.000	ng/ml	# 0.00
Standard Area 1 = 180707			Recovery = 84.22%			
30) Chrysene-d12	7.858	240	131784	4000.000	ng/ml	# 0.00
Standard Area 1 = 165445			Recovery = 79.65%			
34) Perylene-d12	9.039	264	134878	4000.000	ng/ml	0.00
Standard Area 1 = 172157			Recovery = 78.35%			
System Monitoring Compounds						
3) 2-Fluorophenol	2.237	112	33960	3187.748	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 63754.96%#			
4) Phenol-d6	2.800	99	33054	2665.735	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 53314.70%#			
8) Nitrobenzene-d5	3.369	82	20858	2182.273	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 87290.92%#			
14) 2-Fluorobiphenyl	4.579	172	61981	2253.559	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 90142.36%#			
20) 2,4,6-Tribromophenol	5.574	330	17019	5329.161	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 106583.22%#			
29) 4-Terphenyl-d14	7.153	244	65583	2527.162	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 101086.48%#			

Target Compounds			Qvalue
11) Hexachlorobutadiene	0.000	0	N.D.
23) Hexachlorobenzene	0.000	0	N.D. d
31) Benzo[a]anthracene	0.000	0	N.D. d
35) Benzo[b]fluoranthene	0.000	0	N.D.
36) Benzo[k]fluoranthene	0.000	0	N.D.
37) Benzo[a]pyrene	0.000	0	N.D. d
38) Indeno[1,2,3-cd]pyrene	0.000	0	N.D.
39) Dibenzo[a,h]anthracene	0.000	0	N.D.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-05.D
Acq On : 24 Sep 2020 12:58 pm
Operator : SV125:dv
Sample : 12039431-05,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 24 16:30:48 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200924LVI\ccv0924.D
Sub List : Default - All compounds listed

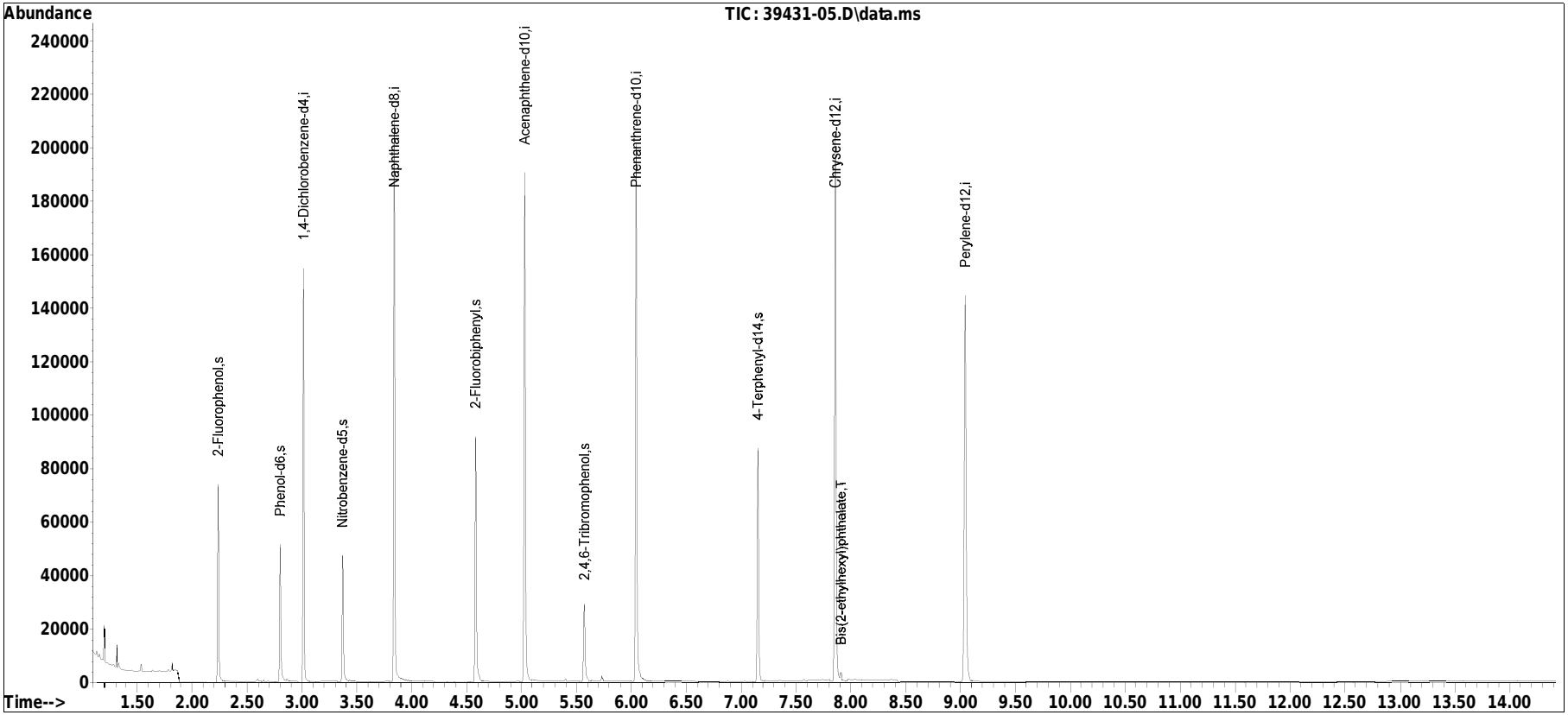
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-05.D
Acq On : 24 Sep 2020 12:58 pm
Operator : SV125:dv
Sample : l2039431-05,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 24 16:30:48 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

Sub List : Default - All compounds listed\ccv0924.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV125\200924LVIQ	Method	: SIM-LVI_200917_sv125.M
Data File	: 39431-05.D	Operator	: SV125:dv
Date Inj'd	: 9/24/2020 12:58 pm	Instrument	: SV125
Sample	: 12039431-05,32,,bnext,jjw	Quant Date	: 9/24/2020 4:29 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-06.D
Acq On : 24 Sep 2020 01:17 pm
Operator : SV125:dv
Sample : 12039431-06,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 16:31:36 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200924LVI\ccv0924.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	3.014	152	37094	4000.000 ng/ml	0.00
Standard Area 1 = 49160			Recovery = 75.46%		
9) Naphthalene-d8	3.840	136	134281	4000.000 ng/ml #	0.00
Standard Area 1 = 175925			Recovery = 76.33%		
17) Acenaphthene-d10	5.030	164	68479	4000.000 ng/ml	0.00
Standard Area 1 = 87116			Recovery = 78.61%		
21) Phenanthrene-d10	6.046	188	139634	4000.000 ng/ml #	0.00
Standard Area 1 = 180707			Recovery = 77.27%		
30) Chrysene-d12	7.858	240	126809	4000.000 ng/ml #	0.00
Standard Area 1 = 165445			Recovery = 76.65%		
34) Perylene-d12	9.040	264	136691	4000.000 ng/ml	0.00
Standard Area 1 = 172157			Recovery = 79.40%		
System Monitoring Compounds					
3) 2-Fluorophenol	2.234	112	24280	2526.963 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 50539.26%#		
4) Phenol-d6	2.799	99	26518	2371.197 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 47423.94%#		
8) Nitrobenzene-d5	3.369	82	13725	1592.145 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 63685.80%#		
14) 2-Fluorobiphenyl	4.579	172	37846	1520.732 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 60829.28%#		
20) 2,4,6-Tribromophenol	5.571	330	12974	4544.272 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 90885.44%#		
29) 4-Terphenyl-d14	7.153	244	45834	1925.099 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 77003.96%#		
Target Compounds					Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.	
23) Hexachlorobenzene	0.000		0	N.D.	
31) Benzo[a]anthracene	0.000		0	N.D. d	
35) Benzo[b]fluoranthene	0.000		0	N.D. d	
36) Benzo[k]fluoranthene	0.000		0	N.D. d	
37) Benzo[a]pyrene	0.000		0	N.D. d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	
39) Dibenzo[a,h]anthracene	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-06.D
Acq On : 24 Sep 2020 01:17 pm
Operator : SV125:dv
Sample : 12039431-06,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 16:31:36 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200924LVI\ccv0924.D
Sub List : Default - All compounds listed

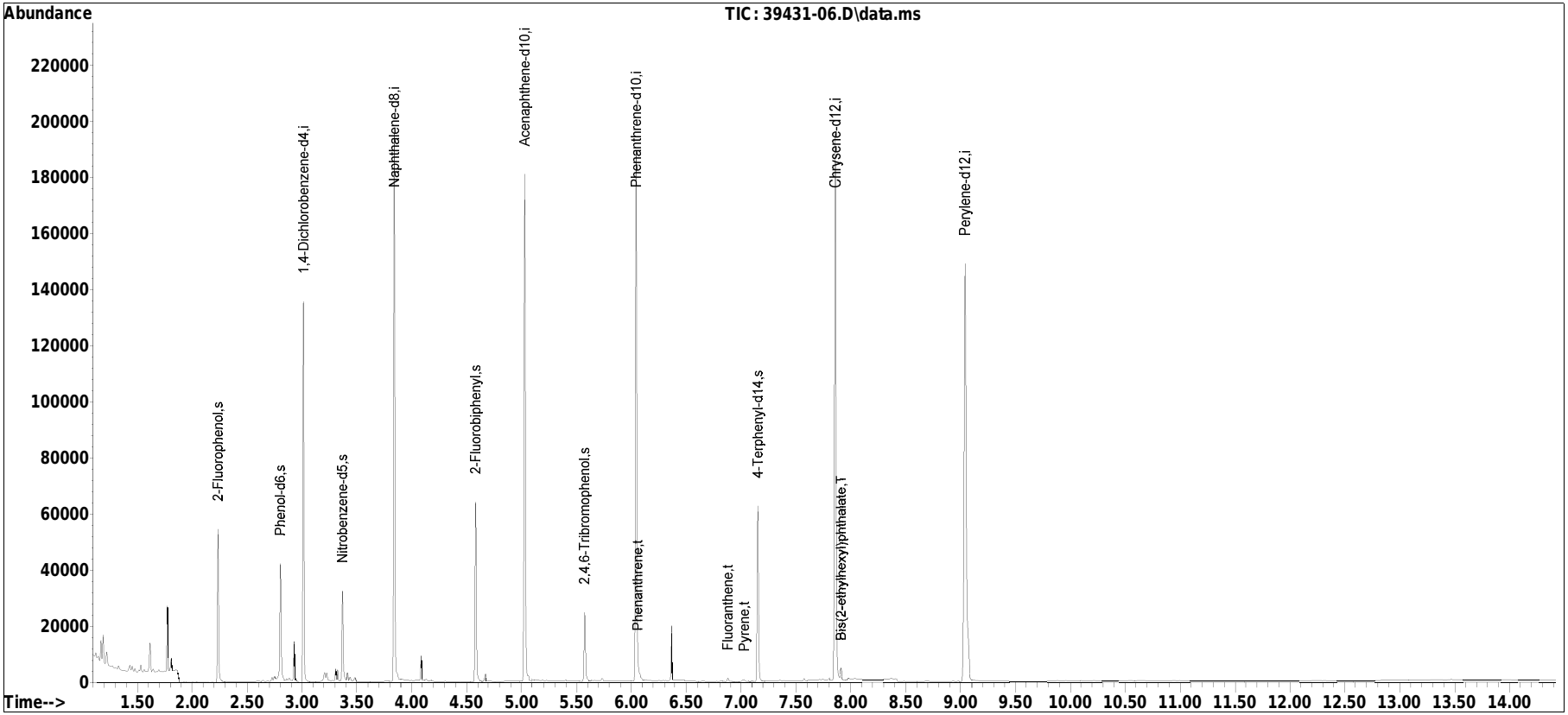
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-06.D
Acq On : 24 Sep 2020 01:17 pm
Operator : SV125:dv
Sample : l2039431-06,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 16:31:36 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

Sub List : Default - All compounds listed\ccv0924.D•



Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-01.D
Acq On : 24 Sep 2020 03:50 pm
Operator : SV125:dv
Sample : 12039431-01,32,,bnext,jjw
Misc : wg1414051,wg1413158,ical17142
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 24 16:54:53 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200924LVI\ccv0924.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.014	152	45486	4000.000	ng/ml	0.00
Standard Area 1 = 49160			Recovery = 92.53%			
9) Naphthalene-d8	3.838	136	160879	4000.000	ng/ml	# 0.00
Standard Area 1 = 175925			Recovery = 91.45%			
17) Acenaphthene-d10	5.031	164	77632	4000.000	ng/ml	0.00
Standard Area 1 = 87116			Recovery = 89.11%			
21) Phenanthrene-d10	6.044	188	152470	4000.000	ng/ml	# 0.00
Standard Area 1 = 180707			Recovery = 84.37%			
30) Chrysene-d12	7.859	240	136921	4000.000	ng/ml	# 0.00
Standard Area 1 = 165445			Recovery = 82.76%			
34) Perylene-d12	9.037	264	140194	4000.000	ng/ml	0.00
Standard Area 1 = 172157			Recovery = 81.43%			
System Monitoring Compounds						
3) 2-Fluorophenol	2.236	112	18281	1551.587	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 31031.74%#			
4) Phenol-d6	2.802	99	21305	1553.582	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 31071.64%#			
8) Nitrobenzene-d5	3.369	82	13444M4	1271.817	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 50872.68%#			
14) 2-Fluorobiphenyl	4.579	172	33957	1138.878	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 45555.12%#			
20) 2,4,6-Tribromophenol	5.574	330	7430	2295.598	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 45911.96%#			
29) 4-Terphenyl-d14	7.154	244	36650	1409.763	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 56390.52%#			
Target Compounds						Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.		
23) Hexachlorobenzene	0.000		0	N.D.	d	
31) Benzo[a]anthracene	0.000		0	N.D.	d	
35) Benzo[b]fluoranthene	0.000		0	N.D.	d	
36) Benzo[k]fluoranthene	0.000		0	N.D.	d	
37) Benzo[a]pyrene	0.000		0	N.D.	d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.	d	
39) Dibenzo[a,h]anthracene	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-01.D
Acq On : 24 Sep 2020 03:50 pm
Operator : SV125:dv
Sample : 12039431-01,32,,bnext,jjw
Misc : wg1414051,wg1413158,ical17142
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 24 16:54:53 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200924LVI\ccv0924.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

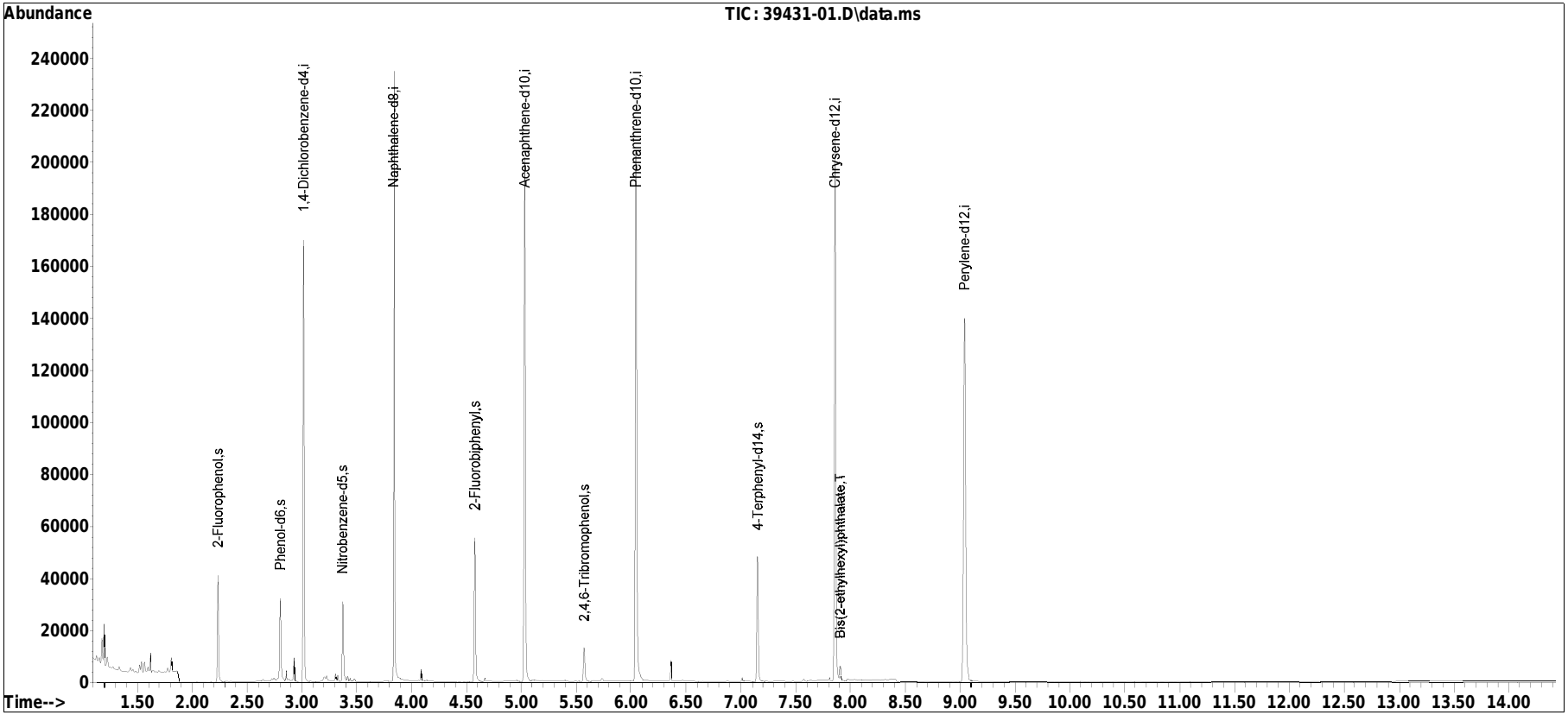
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 39431-01.D
Acq On : 24 Sep 2020 03:50 pm
Operator : SV125:dv
Sample : l2039431-01,32,,bnext,jjw
Misc : wg1414051,wg1413158,ical17142
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 24 16:54:53 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

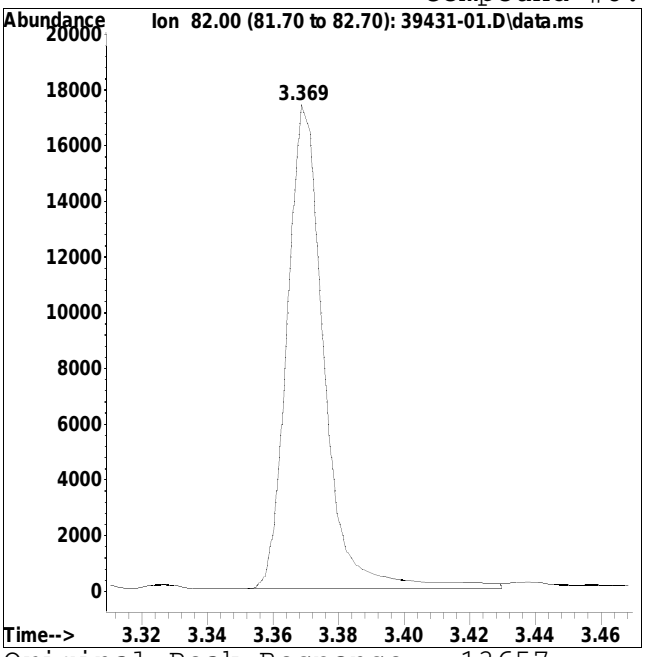
Sub List : Default - All compounds listed\ccv0924.D•



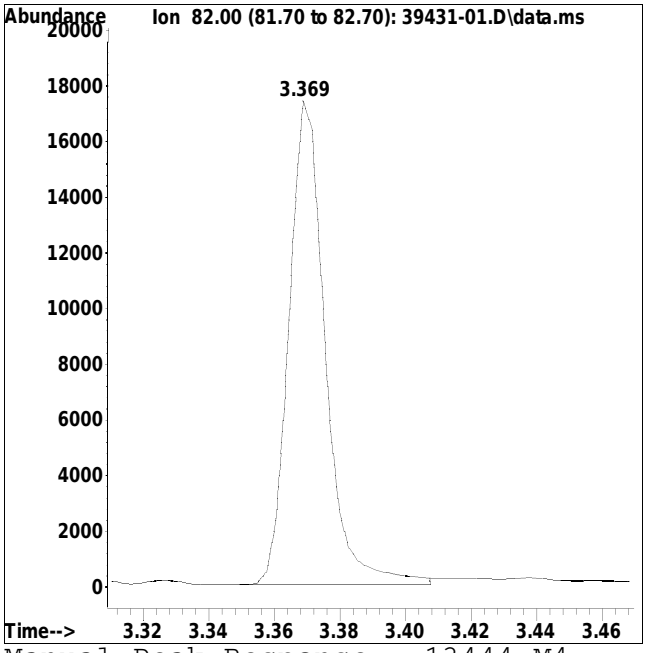
Manual Integration Report

Data Path : I:\8270SIM\SV125\200924LVIQ
Data File : 39431-01.D
Date Inj'd : 9/24/2020 3:50 pm
Sample : 12039431-01,32,,bnext,jjw
Method : SIM-LVI_200917_sv125.M
Operator : SV125:dv
Instrument : SV125
Quant Date : 9/24/2020 4:25 pm

Compound #8: Nitrobenzene-d5



Original Peak Response = 13657



Manual Peak Response = 13444 M4

M4 = Poor automated baseline construction.

Method Blank
Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200923LVI\
Data File : 413158-1.D
Acq On : 23 Sep 2020 01:53 pm
Operator : SV125:dv
Sample : wg1413158-1,32,,bnext,jjw
Misc : wg1413457,wg1413158,ical17142
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 23 15:58:25 2020
Quant Method : I:\8270SIM\SV125\200923LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 23 10:05:23 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200923LVI\ccv0923.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	3.014	152	44254	4000.000 ng/ml	0.00
Standard Area 1 = 57057			Recovery = 77.56%		
9) Naphthalene-d8	3.840	136	157104	4000.000 ng/ml #	0.00
Standard Area 1 = 210083			Recovery = 74.78%		
17) Acenaphthene-d10	5.030	164	78671	4000.000 ng/ml	0.00
Standard Area 1 = 110382			Recovery = 71.27%		
21) Phenanthrene-d10	6.046	188	160865	4000.000 ng/ml #	0.00
Standard Area 1 = 236773			Recovery = 67.94%		
30) Chrysene-d12	7.858	240	137476	4000.000 ng/ml #	0.00
Standard Area 1 = 210111			Recovery = 65.43%		
34) Perylene-d12	9.039	264	141301	4000.000 ng/ml	0.00
Standard Area 1 = 207925			Recovery = 67.96%		
System Monitoring Compounds					
3) 2-Fluorophenol	2.239	112	26688	2328.184 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 46563.68%#		
4) Phenol-d6	2.799	99	27142	2034.323 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 40686.46%#		
8) Nitrobenzene-d5	3.369	82	19639	1909.593 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 76383.72%#		
14) 2-Fluorobiphenyl	4.579	172	54791	1881.781 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 75271.24%#		
20) 2,4,6-Tribromophenol	5.574	330	11208	3417.129 ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 68342.58%#		
29) 4-Terphenyl-d14	7.153	244	55545	2025.069 ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 81002.76%#		

Target Compounds				Qvalue
11) Hexachlorobutadiene	0.000	0	N.D.	
23) Hexachlorobenzene	0.000	0	N.D. d	
31) Benzo[a]anthracene	0.000	0	N.D. d	
35) Benzo[b]fluoranthene	0.000	0	N.D. d	
36) Benzo[k]fluoranthene	0.000	0	N.D. d	
37) Benzo[a]pyrene	0.000	0	N.D. d	
38) Indeno[1,2,3-cd]pyrene	0.000	0	N.D.	
39) Dibenzo[a,h]anthracene	0.000	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200923LVI\
Data File : 413158-1.D
Acq On : 23 Sep 2020 01:53 pm
Operator : SV125:dv
Sample : wg1413158-1,32,,bnext,jjw
Misc : wg1413457,wg1413158,ical17142
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 23 15:58:25 2020
Quant Method : I:\8270SIM\SV125\200923LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 23 10:05:23 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200923LVI\ccv0923.D
Sub List : Default - All compounds listed

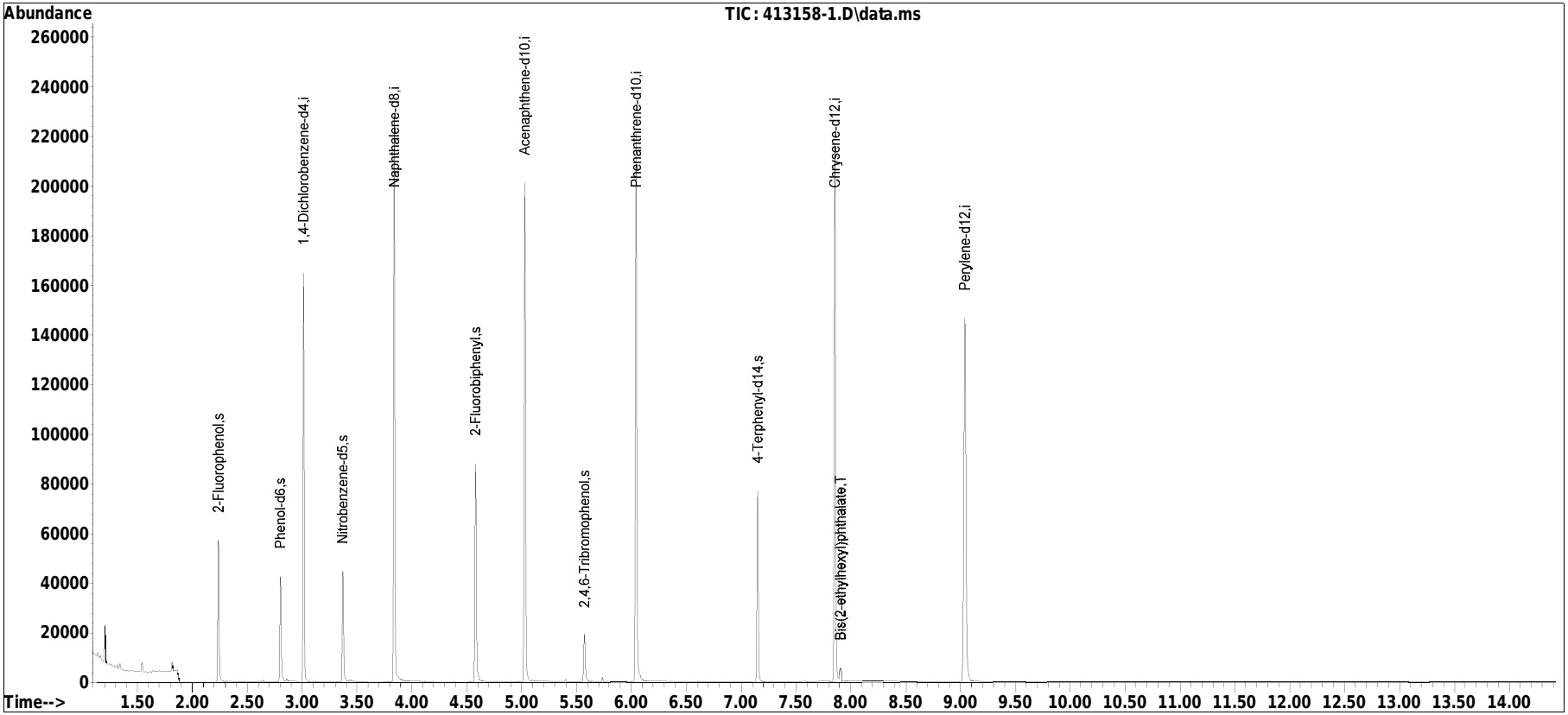
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200923LVI\
Data File : 413158-1.D
Acq On : 23 Sep 2020 01:53 pm
Operator : SV125:dv
Sample : wg1413158-1,32,,bnext,jjw
Misc : wg1413457,wg1413158,ical17142
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 23 15:58:25 2020
Quant Method : I:\8270SIM\SV125\200923LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 23 10:05:23 2020
Response via : Initial Calibration

Sub List : Default - All compounds listed\ccv0923.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV125\200923LVIQ	Method	: SIM-LVI_200917_sv125.M
Data File	: 413158-1.D	Operator	: SV125:dv
Date Inj'd	: 9/23/2020 1:53 pm	Instrument	: SV125
Sample	: wg1413158-1,32,,bnext,jjw	Quant Date	: 9/23/2020 3:57 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 413851-1.D
Acq On : 24 Sep 2020 10:05 am
Operator : SV125:jjw
Sample : wg1413851-1,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 13:10:00 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200924LVI\ccv0924.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.014	152	40976	4000.000	ng/ml	0.00
Standard Area 1 = 49160			Recovery = 83.35%			
9) Naphthalene-d8	3.840	136	147843	4000.000	ng/ml #	0.00
Standard Area 1 = 175925			Recovery = 84.04%			
17) Acenaphthene-d10	5.030	164	74656	4000.000	ng/ml	0.00
Standard Area 1 = 87116			Recovery = 85.70%			
21) Phenanthrene-d10	6.046	188	142755	4000.000	ng/ml #	0.00
Standard Area 1 = 180707			Recovery = 79.00%			
30) Chrysene-d12	7.858	240	122767	4000.000	ng/ml #	0.00
Standard Area 1 = 165445			Recovery = 74.20%			
34) Perylene-d12	9.036	264	126555	4000.000	ng/ml	0.00
Standard Area 1 = 172157			Recovery = 73.51%			
System Monitoring Compounds						
3) 2-Fluorophenol	2.236	112	33150	3123.258	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 62465.16%#			
4) Phenol-d6	2.799	99	33872M6	2741.838	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 54836.76%#			
8) Nitrobenzene-d5	3.369	82	22930	2407.955	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 96318.20%#			
14) 2-Fluorobiphenyl	4.579	172	56865	2075.350	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 83014.00%#			
20) 2,4,6-Tribromophenol	5.574	330	14978	4812.126	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 96242.52%#			
29) 4-Terphenyl-d14	7.153	244	58913	2420.339	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 96813.56%#			
Target Compounds						Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.		
23) Hexachlorobenzene	0.000		0	N.D. d		
31) Benzo[a]anthracene	7.855	228	373M6	3.239	ng/ml	
35) Benzo[b]fluoranthene	0.000		0	N.D.		
36) Benzo[k]fluoranthene	0.000		0	N.D.		
37) Benzo[a]pyrene	0.000		0	N.D. d		
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		
39) Dibenzo[a,h]anthracene	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 413851-1.D
Acq On : 24 Sep 2020 10:05 am
Operator : SV125:jjw
Sample : wg1413851-1,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 13:10:00 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\200924LVI\ccv0924.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

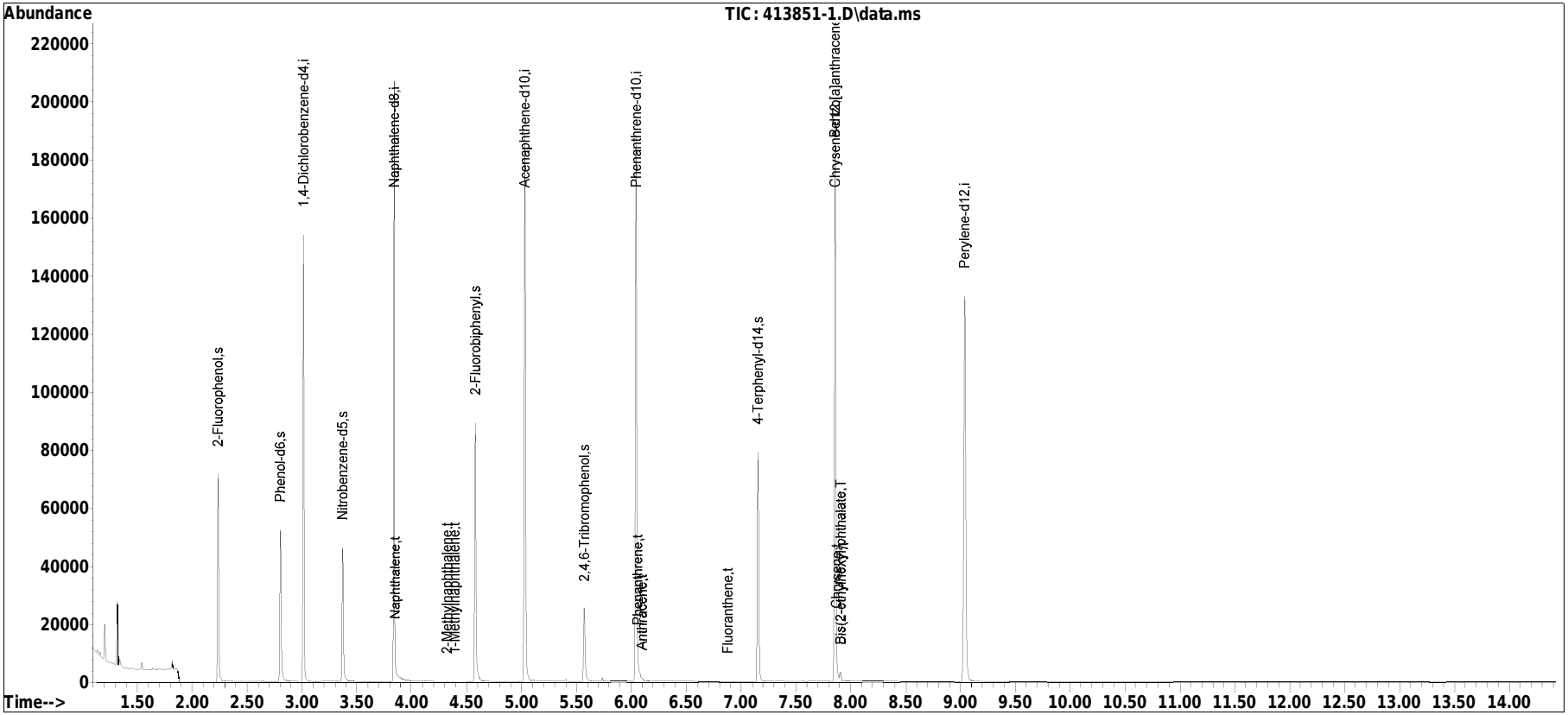
(#) = qualifier out of range (m) = manual integration (+) = signals summed

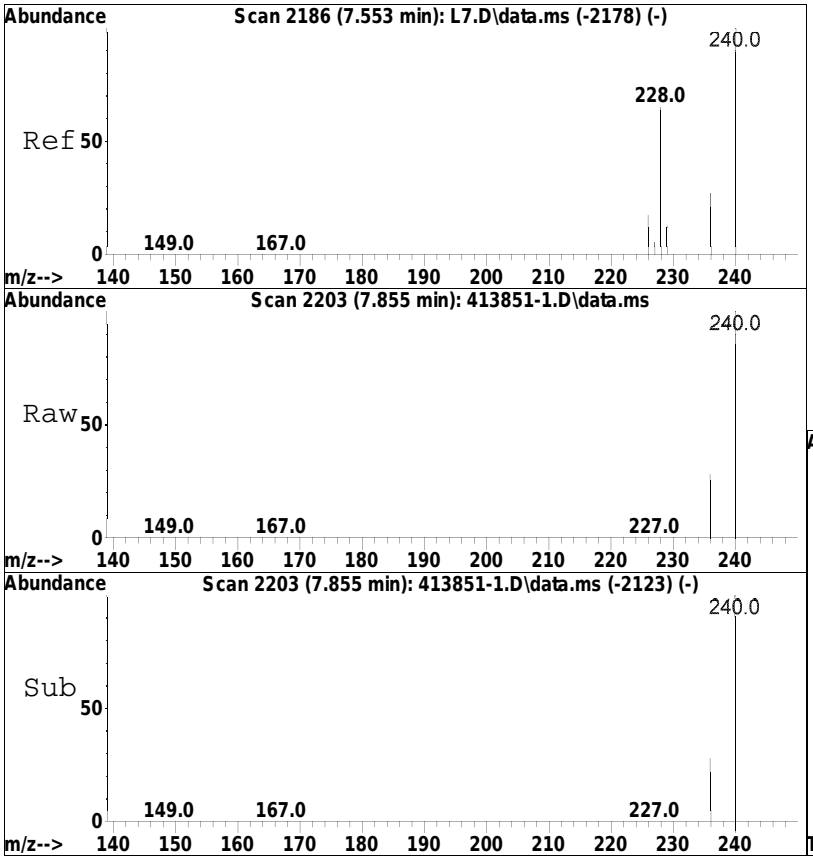
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\200924LVI\
Data File : 413851-1.D
Acq On : 24 Sep 2020 10:05 am
Operator : SV125:jjw
Sample : wg1413851-1,32,,bnext,jjw
Misc : wg1414051,wg1413851,ical17142
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 24 13:10:00 2020
Quant Method : I:\8270SIM\SV125\200924LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 24 09:50:34 2020
Response via : Initial Calibration

Sub List : Default - All compounds listed\ccv0924.D•

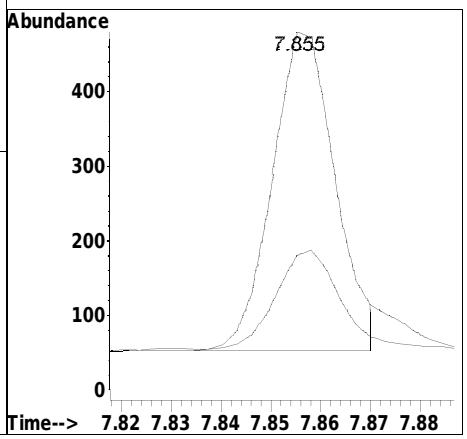




#31
Benzo[a]anthracene
Concen: 3.24 ng/ml M6
RT: 7.855 min Scan# 2203
Delta R.T. 0.005 min
Lab File: 413851-1.D
Acq: 24 Sep 2020 10:05 am

Tgt Ion:228 Resp: 373

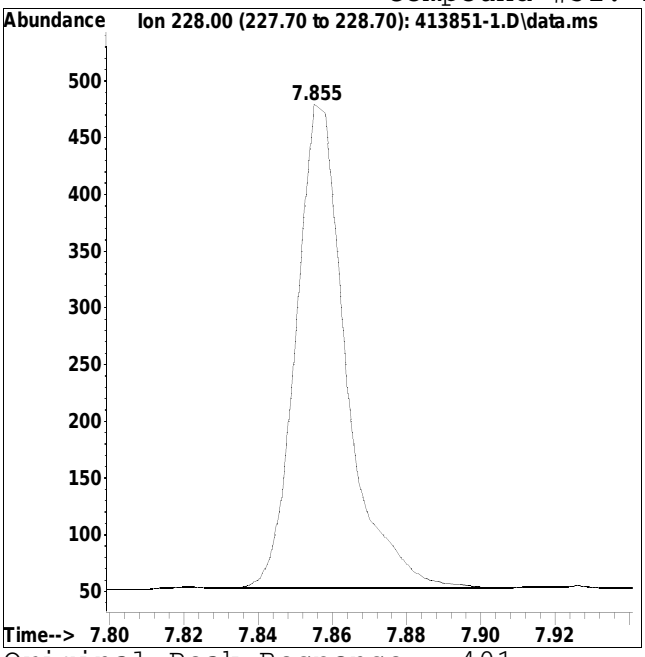
Ion	Ratio	Lower	Upper
228	100		
229	33.0	24.1	36.1



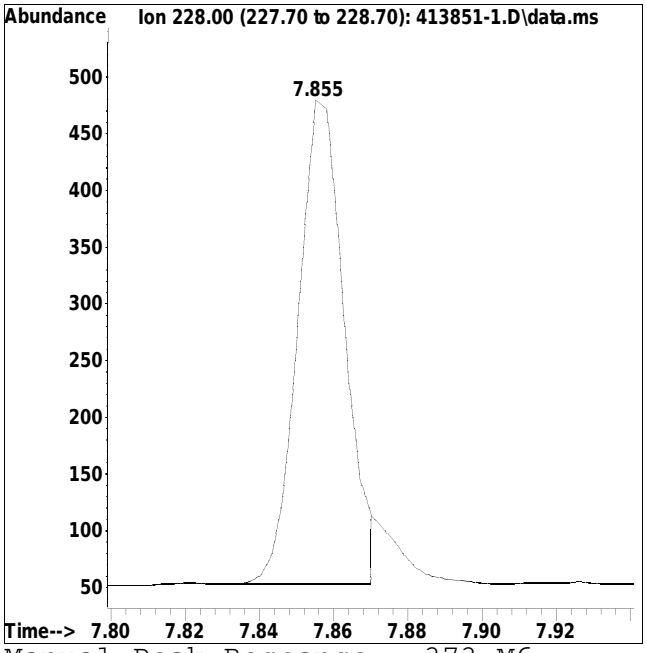
Manual Integration Report

Data Path : I:\8270SIM\SV125\200924LVIQ
Data File : 413851-1.D
Date Inj'd : 9/24/2020 10:05 am
Sample : wg1413851-1,32,,bnext,jjw
Method : SIM-LVI_200917_sv125.M
Operator : SV125:jjw
Instrument : SV125
Quant Date : 9/24/2020 1:07 pm

Compound #31: Benzo[a]anthracene



Original Peak Response = 401



Manual Peak Response = 373 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Metals

Inorganic Data
(ICPMS Analysis)

Sample Results Summary

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-01	**Date Collected**	: 09/18/20 08:36
Client ID	: MW-1	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/25/20 14:37
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1414428.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 09/25/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	2.518	2.500	0.8250	
7439-89-6	Iron, Total	3860	350	95.5	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-02	**Date Collected**	: 09/18/20 10:51
Client ID	: MW-2	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/25/20 15:01
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1414428.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 09/25/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	1.480	2.500	0.8250	J
7439-89-6	Iron, Total	3080	350	95.5	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-03	**Date Collected**	: 09/18/20 10:42
Client ID	: MW-3	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/25/20 15:06
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1414428.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 09/25/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	2.658	2.500	0.8250	
7439-89-6	Iron, Total	3440	350	95.5	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-04	**Date Collected**	: 09/18/20 08:27
Client ID	: MW-4	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/25/20 15:11
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1414428.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 09/25/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	ND	2.500	0.8250	U
7439-89-6	Iron, Total	870.	350	95.5	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-05	**Date Collected**	: 09/18/20 09:32
Client ID	: MW-5	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/25/20 15:16
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1414428.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 09/25/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	14.79	2.500	0.8250	
7439-89-6	Iron, Total	9680	350	95.5	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-06	**Date Collected**	: 09/18/20 09:41
Client ID	: MW-6	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/25/20 15:21
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1414428.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 09/25/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	11.84	2.500	0.8250	
7439-89-6	Iron, Total	15800	350	95.5	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1413660-1	**Date Collected**	: NA
Client ID	: WG1413660-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/25/20 12:57
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1414428.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 09/25/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	ND	0.5000	0.1650	U
7439-89-6	Iron, Total	ND	70.0	19.1	U

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:	R1354089-2		R1354089-5		R1354089-7		R1354089-10		WG1413660-1	
Date Analyzed	:	09/25/20 08:25		09/25/20 08:51		09/25/20 11:51		09/25/20 12:52		09/25/20 12:57	
Parameter		ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q
Arsenic		0.165	U	0.165	U	0.165	U	0.165	U	0.1650	U
Iron		35.4	J	54.2		36.6	J	43.4	J	19.1	U

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1354089-12		R1354089-14		R1354089-16			
Date Analyzed :			09/25/20 13:51		09/25/20 14:51		09/25/20 15:31			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Arsenic			0.165	U	0.165	U	0.165	U		
Iron			60.0		53.3		52.4			

Calibration Summary

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1354089-1			R1354089-4			R1354089-6		R1354089-9	
Date Analyzed :	09/25/20 08:20			09/25/20 08:46			09/25/20 11:46		09/25/20 12:47	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic	50.0	47.1000	94	60.0000	58.8	98	59.8	100	60.3	100
Iron	5000	4850.0000	97	6000.0000	6030	100	5880	98	5870	98

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1354089-11			R1354089-13		R1354089-15	
Date Analyzed :				09/25/20 13:46			09/25/20 14:46		09/25/20 15:26	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic				60.0000	61.5	102	61.6	103	61.3	102
Iron				6000.0000	5890	98	5900	98	5940	99

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

ICP Interference Check Sample Results Summary

Form 4a
Interference Check Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ	**Concentration Units**	: ug/l

		Initial Found				Final Found			
Lab ID :		R1354089-3							
Analysis Date :		09/25/20 08:36							
Analyte	**True Sol. A**	**True Sol. AB**	**Sol. A**	**%R**	**Sol. AB**	**%R**	**Sol. A**	**%R**	**Sol. AB**	**%R**
Arsenic			0.0687							
Iron	50000		49900	100						

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020

ICSA: 80-120%

ICSAB: 80-120%

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1413660-2	**LCS Analysis Date**	: 09/25/20 13:01
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ug/l)**	**Found (ug/l)**	**%R**	**True (ug/l)**	**Found (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Arsenic, Total	**120.**	**128.**	**107.**					**80-120**	**20**
Iron, Total	**1000**	**989.**	**99.**					**80-120**	**20**

Internal Standard Summary

Form 15
ICP-MS Internal Standards Relative Intensity Summary

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ	**Analysis Method**	: 1,6020B
Start Date	: 09/25/20	**End Date**	: 09/25/20

Sample #	Time	Internal Standards %RI For:				
		Lithium	Scandium	Ge	In	Bismuth
R1354089-1 ICV	08:20:48	91	95	92	97	102
R1354089-2 ICB	08:25:45	82	77	84	89	94
R1354089-3 ICSA	08:36:27	86	91	85	90	94
R1354089-4 CCV	08:46:19	88	96	89	93	99
R1354089-5 CCB	08:51:17	79	75	81	87	91
R1354089-6 CCV	11:46:50	86	91	83	92	98
R1354089-7 CCB	11:51:48	74	66	72	83	89
R1354089-9 CCV	12:47:03	87	92	84	98	103
R1354089-10 CCB	12:52:01	77	69	77	89	93
WG1413660-1 BLANK	12:57:00	81	73	79	93	96
WG1413660-2 LCS	13:01:56	86	82	84	97	103
R1354089-11 CCV	13:46:04	85	85	82	99	104
R1354089-12 CCB	13:51:03	75	66	74	91	95
L2039431-01	14:37:03	82	74	81	100	104
R1354089-13 CCV	14:46:50	85	84	82	103	108
R1354089-14 CCB	14:51:49	75	66	74	94	98
L2039431-02	15:01:43	81	72	81	101	104
L2039431-03	15:06:37	83	76	83	102	103
L2039431-04	15:11:31	81	73	81	100	105
L2039431-05	15:16:26	84	79	86	104	107
L2039431-06	15:21:21	91	84	91	111	108
R1354089-15 CCV	15:26:16	86	92	85	106	108
R1354089-16 CCB	15:31:14	76	69	79	99	101

Run Logs

Form 13
Analysis Run Log

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ	**Analysis Method**	: 1,6020B
Start Date	: 09/25/20 07:25	**End Date**	: 09/25/20 15:31

Sample Number	Dilution Factor	Analysis Time	Arsenic, Total	Iron, Total
R1354089-8 TUNE		07:25:00		
R1354089-1 ICV	1	08:20:48	X	X
R1354089-2 ICB	1	08:25:45	X	X
R1354089-3 ICSA	1	08:36:27	X	X
R1354089-4 CCV	1	08:46:19	X	X
R1354089-5 CCB	1	08:51:17	X	X
R1354089-6 CCV	1	11:46:50	X	X
R1354089-7 CCB	1	11:51:48	X	X
R1354089-9 CCV	1	12:47:03	X	X
R1354089-10 CCB	1	12:52:01	X	X
WG1413660-1 BLANK	1	12:57:00	X	X
WG1413660-2 LCS	5	13:01:56	X	X
R1354089-11 CCV	1	13:46:04	X	X
R1354089-12 CCB	1	13:51:03	X	X
L2039431-01	5	14:37:03	X	X
R1354089-13 CCV	1	14:46:50	X	X
R1354089-14 CCB	1	14:51:49	X	X
L2039431-02	5	15:01:43	X	X
L2039431-03	5	15:06:37	X	X
L2039431-04	5	15:11:31	X	X
L2039431-05	5	15:16:26	X	X
L2039431-06	5	15:21:21	X	X
R1354089-15 CCV	1	15:26:16	X	X
R1354089-16 CCB	1	15:31:14	X	X

Digestion Logs
ICPMS

Form 12
Preparation Log

Client	:	**Lisko Environmental, LLC**	**Lab Number**	:	**L2039431**
Project Name	:	**PISTOIA TIRE CO**	**Project Number**	:	**0064-5**
Matrix	:	**WATER**	**Prep Method**	:	**EPA 3005A**

Sample Number	Preparation Date	Weight (gram)	Volume (mL)
L2039431-01	09/25/20 06:30	-	50
L2039431-02	09/25/20 06:30	-	50
L2039431-03	09/25/20 06:30	-	50
L2039431-04	09/25/20 06:30	-	50
L2039431-05	09/25/20 06:30	-	50
L2039431-06	09/25/20 06:30	-	50
WG1413660-1	09/25/20 06:30	-	50
WG1413660-2	09/25/20 06:30	-	50

Wet Chemistry

Sulfate Analysis

Results Summary

Form 1
WETCHEM

Client	:	Lisko Environmental, LLC	**Lab Number**	:	L2039431
Project Name	:	PISTOIA TIRE CO	**Project Number**	:	0064-5
Lab ID	:	L2039431-01	**Date Collected**	:	09/18/20 08:36
Client ID	:	MW-1	**Date Received**	:	09/18/20
Sample Location	:	6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	:	09/21/20 10:32
Sample Matrix	:	WATER	**Dilution Factor**	:	5
Analytical Method	:	1,9038	**Analyst**	:	MV
Lab File ID	:	WG1412350.csv	**Instrument ID**	:	SPEC 2
Sample Amount	:		**%Solids**	:	N/A
Digestion Method	:		**Date Digested**	:	09/21/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	50000	6800	U

Form 1
WETCHEM

Client	:	Lisko Environmental, LLC	Lab Number	:	L2039431
Project Name	:	PISTOIA TIRE CO	Project Number	:	0064-5
Lab ID	:	L2039431-02	Date Collected	:	09/18/20 10:51
Client ID	:	MW-2	Date Received	:	09/18/20
Sample Location	:	6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	:	09/21/20 10:32
Sample Matrix	:	WATER	Dilution Factor	:	2.5
Analytical Method	:	1,9038	Analyst	:	MV
Lab File ID	:	WG1412350.csv	Instrument ID	:	SPEC 2
Sample Amount	:		%Solids	:	N/A
Digestion Method	:		Date Digested	:	09/21/20

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14808-79-8	Sulfate	ND	25000	3400	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-03	**Date Collected**	: 09/18/20 10:42
Client ID	: MW-3	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/21/20 10:32
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,9038	**Analyst**	: MV
Lab File ID	: WG1412350.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 09/21/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	20000	2700	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-04	**Date Collected**	: 09/18/20 08:27
Client ID	: MW-4	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/21/20 10:32
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,9038	**Analyst**	: MV
Lab File ID	: WG1412350.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 09/21/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	20000	2700	U

Form 1
WETCHEM

Client	:	Lisko Environmental, LLC	Lab Number	:	L2039431
Project Name	:	PISTOIA TIRE CO	Project Number	:	0064-5
Lab ID	:	L2039431-05	Date Collected	:	09/18/20 09:32
Client ID	:	MW-5	Date Received	:	09/18/20
Sample Location	:	6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	:	09/21/20 10:32
Sample Matrix	:	WATER	Dilution Factor	:	1
Analytical Method	:	1,9038	Analyst	:	MV
Lab File ID	:	WG1412350.csv	Instrument ID	:	SPEC 2
Sample Amount	:		%Solids	:	N/A
Digestion Method	:		Date Digested	:	09/21/20

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14808-79-8	Sulfate	ND	10000	1400	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-06	**Date Collected**	: 09/18/20 09:41
Client ID	: MW-6	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/21/20 10:32
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,9038	**Analyst**	: MV
Lab File ID	: WG1412350.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 09/21/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	50000	6800	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1412350-1	**Date Collected**	: NA
Client ID	: WG1412350-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/21/20 10:32
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: MV
Lab File ID	: WG1412350.csv	**Instrument ID**	: SPEC 2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 09/21/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	ND	10000	1400	U

Calibration Summary

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SPEC 2	**Units**	: mg/l

		Initial Calibration			Continuing Calibration(s)						
Lab ID	:	R1352047-2			R1352047-3						
Date Analyzed	:	09/21/20 10:32			09/21/20 10:32						
Parameter		**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Sulfate		20.000	20.400	102	20.000	19.700	98				

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SPEC 2		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:	R1352047-1		R1352047-4						WG1412350-1	
Date Analyzed	:	09/21/20 10:32		09/21/20 10:32						09/21/20 10:32	
Parameter		mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q	ug/l	Q
Sulfate		1.37	U	1.37	U					1400	U

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1412350-2	**LCS Analysis Date**	: 09/21/20 10:32
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
	True	Found	%R	True	Found	%R	RPD	Recovery	RPD
Parameter	(ug/l)	(ug/l)		(ug/l)	(ug/l)			Limits	Limit
Sulfate	20000	20000	100.					90-110	14

Nitrate and Nitrite Analysis

Results Summary

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-01	**Date Collected**	: 09/18/20 08:36
Client ID	: MW-1	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/19/20 13:04
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO3200919-B1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	39.9	50.0	13.2	J

Form 1
WETCHEM

Client	:	Lisko Environmental, LLC	**Lab Number**	:	L2039431
Project Name	:	PISTOIA TIRE CO	**Project Number**	:	0064-5
Lab ID	:	L2039431-02	**Date Collected**	:	09/18/20 10:51
Client ID	:	MW-2	**Date Received**	:	09/18/20
Sample Location	:	6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	:	09/19/20 13:05
Sample Matrix	:	WATER	**Dilution Factor**	:	1
Analytical Method	:	121,4500NO3-F	**Analyst**	:	MRM
Lab File ID	:	NO3200919-B1	**Instrument ID**	:	LACHAT4
Sample Amount	:		**%Solids**	:	N/A
Digestion Method	:		**Date Digested**	:	

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	ND	50.0	13.2	U

Form 1
WETCHEM

Client	:	Lisko Environmental, LLC	Lab Number	:	L2039431
Project Name	:	PISTOIA TIRE CO	Project Number	:	0064-5
Lab ID	:	L2039431-03	Date Collected	:	09/18/20 10:42
Client ID	:	MW-3	Date Received	:	09/18/20
Sample Location	:	6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	:	09/19/20 13:07
Sample Matrix	:	WATER	Dilution Factor	:	1
Analytical Method	:	121,4500NO3-F	Analyst	:	MRM
Lab File ID	:	NO3200919-B1	Instrument ID	:	LACHAT4
Sample Amount	:		%Solids	:	N/A
Digestion Method	:		Date Digested	:	

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Nitrogen, Nitrite	ND	50.0	13.2	U

Form 1
WETCHEM

Client	:	Lisko Environmental, LLC	Lab Number	:	L2039431
Project Name	:	PISTOIA TIRE CO	Project Number	:	0064-5
Lab ID	:	L2039431-04	Date Collected	:	09/18/20 08:27
Client ID	:	MW-4	Date Received	:	09/18/20
Sample Location	:	6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	:	09/19/20 13:08
Sample Matrix	:	WATER	Dilution Factor	:	1
Analytical Method	:	121,4500NO3-F	Analyst	:	MRM
Lab File ID	:	NO3200919-B1	Instrument ID	:	LACHAT4
Sample Amount	:		%Solids	:	N/A
Digestion Method	:		Date Digested	:	

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Nitrogen, Nitrite	ND	50.0	13.2	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-05	**Date Collected**	: 09/18/20 09:32
Client ID	: MW-5	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/19/20 13:18
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO3200919-B1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	ND	50.0	13.2	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-06	**Date Collected**	: 09/18/20 09:41
Client ID	: MW-6	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/19/20 13:20
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO3200919-B1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	28.1	50.0	13.2	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1412062-1	**Date Collected**	: NA
Client ID	: WG1412062-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/19/20 12:47
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO3200919-B1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Nitrogen, Nitrite**	**ND**	**50.0**	**13.2**	**U**

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1412062-3	**Date Collected**	: 09/18/20 08:27
Client ID	: MW-4DUP	**Date Received**	: 09/18/20
Sample Location	:	**Date Analyzed**	: 09/19/20 13:12
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO3200919-B1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Nitrogen, Nitrite**	**ND**	**50.0**	**13.2**	**U**

Form 1
WETCHEM

Client	:	Lisko Environmental, LLC	Lab Number	:	L2039431
Project Name	:	PISTOIA TIRE CO	Project Number	:	0064-5
Lab ID	:	L2039431-01	Date Collected	:	09/18/20 08:36
Client ID	:	MW-1	Date Received	:	09/18/20
Sample Location	:	6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	:	09/19/20 13:04
Sample Matrix	:	WATER	Dilution Factor	:	1
Analytical Method	:	121,4500NO3-F	Analyst	:	MRM
Lab File ID	:	NO3200919-B1	Instrument ID	:	LACHAT4
Sample Amount	:		%Solids	:	N/A
Digestion Method	:		Date Digested	:	

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
14797-55-8	Nitrogen, Nitrate	140.	100	22.8	

Form 1
WETCHEM

Client	:	Lisko Environmental, LLC	**Lab Number**	:	L2039431
Project Name	:	PISTOIA TIRE CO	**Project Number**	:	0064-5
Lab ID	:	L2039431-02	**Date Collected**	:	09/18/20 10:51
Client ID	:	MW-2	**Date Received**	:	09/18/20
Sample Location	:	6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	:	09/19/20 13:05
Sample Matrix	:	WATER	**Dilution Factor**	:	1
Analytical Method	:	121,4500NO3-F	**Analyst**	:	MRM
Lab File ID	:	NO3200919-B1	**Instrument ID**	:	LACHAT4
Sample Amount	:		**%Solids**	:	N/A
Digestion Method	:		**Date Digested**	:	

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	261.	100	22.8	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-03	**Date Collected**	: 09/18/20 10:42
Client ID	: MW-3	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/19/20 13:07
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO3200919-B1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	156.	100	22.8	

Form 1
WETCHEM

Client	:	Lisko Environmental, LLC	**Lab Number**	:	L2039431
Project Name	:	PISTOIA TIRE CO	**Project Number**	:	0064-5
Lab ID	:	L2039431-04	**Date Collected**	:	09/18/20 08:27
Client ID	:	MW-4	**Date Received**	:	09/18/20
Sample Location	:	6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	:	09/19/20 13:08
Sample Matrix	:	WATER	**Dilution Factor**	:	1
Analytical Method	:	121,4500NO3-F	**Analyst**	:	MRM
Lab File ID	:	NO3200919-B1	**Instrument ID**	:	LACHAT4
Sample Amount	:		**%Solids**	:	N/A
Digestion Method	:		**Date Digested**	:	

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	74.7	100	22.8	J

Form 1
WETCHEM

Client	:	Lisko Environmental, LLC	**Lab Number**	:	L2039431
Project Name	:	PISTOIA TIRE CO	**Project Number**	:	0064-5
Lab ID	:	L2039431-05	**Date Collected**	:	09/18/20 09:32
Client ID	:	MW-5	**Date Received**	:	09/18/20
Sample Location	:	6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	:	09/19/20 13:18
Sample Matrix	:	WATER	**Dilution Factor**	:	1
Analytical Method	:	121,4500NO3-F	**Analyst**	:	MRM
Lab File ID	:	NO3200919-B1	**Instrument ID**	:	LACHAT4
Sample Amount	:		**%Solids**	:	N/A
Digestion Method	:		**Date Digested**	:	

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	24.9	100	22.8	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-06	**Date Collected**	: 09/18/20 09:41
Client ID	: MW-6	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/19/20 13:20
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO3200919-B1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	290.	100	22.8	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1412059-1	**Date Collected**	: NA
Client ID	: WG1412059-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/19/20 12:45
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO300919-B1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	ND	100	22.8	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1412059-3	**Date Collected**	: 09/18/20 08:27
Client ID	: MW-4DUP	**Date Received**	: 09/18/20
Sample Location	:	**Date Analyzed**	: 09/19/20 13:09
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO300919-B1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	60.0	100	22.8	J

Calibration Summary

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: LACHAT	**Units**	: mg/l

		Initial Calibration			Continuing Calibration(s)						
Lab ID	:	R1351660-5			R1351660-10			R1351753-26		R1351788-2	
Date Analyzed	:	09/19/20 07:42			09/19/20 07:57			09/19/20 14:52		09/19/20 17:04	
Parameter		**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
No2		5.000	4.970	99	1.000	1.070	107	1.060	106	1.060	106

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: LACHAT	**Units**	: mg/l

		Initial Calibration			Continuing Calibration(s)						
Lab ID	:	R1351660-6			R1351660-9			R1351753-1		R1351753-4	
Date Analyzed	:	09/19/20 07:44			09/19/20 07:56			09/19/20 12:41		09/19/20 12:58	
Parameter		**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
No3		0.500	0.506	101	1.000	1.000	100	1.030	103	1.030	103

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: LACHAT	**Units**	: mg/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1351753-7			R1351753-10			
Date Analyzed :				09/19/20 13:15			09/19/20 13:31			
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
No3				1.000	1.020	102	1.020	102		

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: LACHAT4		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:	R1351660-8		R1351660-3		R1351660-11		R1351753-27		WG1412062-1	
Date Analyzed	:	09/19/20 07:46		09/19/20 07:40		09/19/20 07:58		09/19/20 14:54		09/19/20 12:47	
Parameter		mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q	ug/l	Q
Nitrogen, Nitrite										13.2	U
NO2		ND		ND		ND		ND			
NO3		0.0105		0.0140		0.00326		ND			

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: LACHAT4		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:			R1351788-3							
Date Analyzed	:			09/19/20 17:05							
Parameter		mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q		Q
NO2				ND							
NO3				ND							

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: LACHAT4		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:	R1351660-8		R1351660-3		R1351660-11		R1351753-27		WG1412062-1	
Date Analyzed	:	09/19/20 07:46		09/19/20 07:40		09/19/20 07:58		09/19/20 14:54		09/19/20 12:47	
Parameter		mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q	ug/l	Q
Nitrogen, Nitrite										13.2	U
NO2		ND		ND		ND		ND			
NO3		0.0105		0.0140		0.00326		ND			

Form 3
Blanks

Client	:	**Lisko Environmental, LLC**	**Lab Number**	:	**L2039431**
Project Name	:	**PISTOIA TIRE CO**	**Project Number**	:	**0064-5**
Instrument ID	:	**LACHAT4**			

	Initial Calibration Blank	Continuing Calibration Blank(s)			Preparation Blank
Lab ID :					
Date Analyzed :					
Parameter	**Q**	**Q**	**Q**	**Q**	**Q**

Spike Sample Results

Form 5a
Matrix Spike

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Client Sample ID	: MW-4	**Matrix**	: WATER
Lab Sample ID	: L2039431-04		
Matrix Spike	: WG1412062-4	**MS Analysis Date**	: 09/19/20 13:13
Matrix Spike Dup	:	**MSD Analysis Date**	:

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Nitrogen, Nitrite	ND	4000	4500	112					80-120	20

Form 5a
Matrix Spike

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Client Sample ID	: MW-4	**Matrix**	: WATER
Lab Sample ID	: L2039431-04		
Matrix Spike	: WG1412059-4	**MS Analysis Date**	: 09/19/20 13:11
Matrix Spike Dup	:	**MSD Analysis Date**	:

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Nitrogen, Nitrate	74.7J	4000	4360	109					83-113	17

Duplicate Sample Results Summary

Form 6
Lab Duplicates

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Client Sample ID	: MW-4	**Matrix**	: WATER
Lab Sample ID	: L2039431-04	**Analysis Date**	: 09/19/20 13:08
Dup Sample ID	: WG1412062-3	**DUP Analysis Date**	: 09/19/20 13:12

Parameter	Sample Concentration (ug/l)	Duplicate Concentration (ug/l)	RPD	RPD Limit
Nitrogen, Nitrite	ND	ND	NC	20

Form 6
Lab Duplicates

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Client Sample ID	: MW-4	**Matrix**	: WATER
Lab Sample ID	: L2039431-04	**Analysis Date**	: 09/19/20 13:08
Dup Sample ID	: WG1412059-3	**DUP Analysis Date**	: 09/19/20 13:09

Parameter	Sample Concentration (ug/l)	Duplicate Concentration (ug/l)	RPD	RPD Limit
Nitrogen, Nitrate	74.7J	60.0J	NC	17

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1412062-2	**LCS Analysis Date**	: 09/19/20 12:49
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
	True	Found	%R	True	Found	%R	RPD	Recovery	RPD
Parameter	(ug/l)	(ug/l)		(ug/l)	(ug/l)			Limits	Limit
Nitrogen, Nitrite	5000	4890	98.					90-110	20

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1412059-2	**LCS Analysis Date**	: 09/19/20 12:46
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
	True	Found	%R	True	Found	%R	RPD	Recovery	RPD
Parameter	(ug/l)	(ug/l)		(ug/l)	(ug/l)			Limits	Limit
Nitrogen, Nitrate	5000	4920	98.					90-110	17

Alkalinity Analysis

Results Summary

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-01	**Date Collected**	: 09/18/20 08:36
Client ID	: MW-1	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/23/20 08:25
Sample Matrix	: WATER	**Dilution Factor**	: 2.5
Analytical Method	: 121,2320B	**Analyst**	: BR
Lab File ID	: WG1413371.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	110000	5000	NA	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-02	**Date Collected**	: 09/18/20 10:51
Client ID	: MW-2	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/23/20 08:25
Sample Matrix	: WATER	**Dilution Factor**	: 2.5
Analytical Method	: 121,2320B	**Analyst**	: BR
Lab File ID	: WG1413371.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	91100	5000	NA	

Form 1
WETCHEM

Client	:	Lisko Environmental, LLC	Lab Number	:	L2039431
Project Name	:	PISTOIA TIRE CO	Project Number	:	0064-5
Lab ID	:	L2039431-03	Date Collected	:	09/18/20 10:42
Client ID	:	MW-3	Date Received	:	09/18/20
Sample Location	:	6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	:	09/23/20 08:25
Sample Matrix	:	WATER	Dilution Factor	:	2.5
Analytical Method	:	121,2320B	Analyst	:	BR
Lab File ID	:	WG1413371.csv	Instrument ID	:	
Sample Amount	:		%Solids	:	N/A
Digestion Method	:		Date Digested	:	

		ug CaCO3/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
471-34-1	Alkalinity, Total	85100	5000	NA	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2039431-04	**Date Collected**	: 09/18/20 08:27
Client ID	: MW-4	**Date Received**	: 09/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 09/23/20 08:25
Sample Matrix	: WATER	**Dilution Factor**	: 2.5
Analytical Method	: 121,2320B	**Analyst**	: BR
Lab File ID	: WG1413371.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	80500	5000	NA	

Form 1
WETCHEM

Client	:	Lisko Environmental, LLC	**Lab Number**	:	L2039431
Project Name	:	PISTOIA TIRE CO	**Project Number**	:	0064-5
Lab ID	:	L2039431-05	**Date Collected**	:	09/18/20 09:32
Client ID	:	MW-5	**Date Received**	:	09/18/20
Sample Location	:	6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	:	09/23/20 08:25
Sample Matrix	:	WATER	**Dilution Factor**	:	2.5
Analytical Method	:	121,2320B	**Analyst**	:	BR
Lab File ID	:	WG1413371.csv	**Instrument ID**	:	
Sample Amount	:		**%Solids**	:	N/A
Digestion Method	:		**Date Digested**	:	

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	21400	5000	NA	

Form 1
WETCHEM

Client	:	Lisko Environmental, LLC	**Lab Number**	:	L2039431
Project Name	:	PISTOIA TIRE CO	**Project Number**	:	0064-5
Lab ID	:	L2039431-06	**Date Collected**	:	09/18/20 09:41
Client ID	:	MW-6	**Date Received**	:	09/18/20
Sample Location	:	6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	:	09/23/20 08:25
Sample Matrix	:	WATER	**Dilution Factor**	:	2.5
Analytical Method	:	121,2320B	**Analyst**	:	BR
Lab File ID	:	WG1413371.csv	**Instrument ID**	:	
Sample Amount	:		**%Solids**	:	N/A
Digestion Method	:		**Date Digested**	:	

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	117000	5000	NA	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1413371-1	**Date Collected**	: NA
Client ID	: WG1413371-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 09/23/20 08:25
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,2320B	**Analyst**	: BR
Lab File ID	: WG1413371.csv	**Instrument ID**	:
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug CaCO3/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
471-34-1	Alkalinity, Total	ND	2000	NA	U

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	:		

		Initial Calibration Blank	Continuing Calibration Blank(s)			Preparation Blank	
Lab ID	:					WG1413371-1	
Date Analyzed	:					09/23/20 08:25	
Parameter		ug caco3/l Q	ug caco3/l Q	ug caco3/l Q	ug caco3/l Q	ug caco3/l	Q
Alkalinity, Total						2000	U

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2039431
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1413371-2	**LCS Analysis Date**	: 09/23/20 08:25
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
	True	Found	%R	True	Found	%R	RPD	Recovery	RPD
Parameter	(ug CaCO3/L)	(ug CaCO3/L)		(ug CaCO3/L)	(ug CaCO3/L)			Limits	Limit
Alkalinity, Total	100000	101000	101.					90-110	10

ALPHA ANALYTICAL

World Class Chemistry

www.alphalab.com

Lab Number: L2056917

Client: Lisko Environmental, LLC

ATTN: Jonathan Lisko

Project Name: PISTOIA TIRE CO

Project Number: 0064-5

ANALYTICAL DATA PACKAGE FOR THE
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON NEW JERSEY 08625

Agency/Division:	**Bureau/Office:**
Project No: 0064-5	**Contract No:**
Laboratory: Alpha Analytical	**Laboratory Location:** Westborough, Ma.
	Laboratory Phone Number: (508) 898-9220
SDG No: L2056917	**NJDEP Certification #:** MA015/MA935
Date of First Sample Receipt: 12/18/2020	**Date of Last Sample Receipt:** 12/18/2020

Agency Sample Number	Laboratory Sample Number	Sample Location	Date/Time of Collection
MW-1	L2056917-01	PISTOIA TIRE CO	12/18/2020 09:21
MW-2	L2056917-02	PISTOIA TIRE CO	12/18/2020 11:36
MW-3	L2056917-03	PISTOIA TIRE CO	12/18/2020 09:41
MW-4	L2056917-04	PISTOIA TIRE CO	12/18/2020 10:46
MW-5	L2056917-05	PISTOIA TIRE CO	12/18/2020 11:51
MW-6	L2056917-06	PISTOIA TIRE CO	12/18/2020 10:31
FIELD BLANK	L2056917-07	PISTOIA TIRE CO	12/18/2020 12:00
TRIP BLANK	L2056917-08	PISTOIA TIRE CO	12/17/2020 00:00

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on disk or electronically has been authorized by the laboratory director or his/her designee, as verified by the following signature.

Technical Director/Representative (Typed)	Tiffani Morrissey	12/31/20
Technical Director/Representative (Signature)		

Table of Contents

Table of Contents

Table of Contents

Chain of Custody

REV per client/NY 12/21/2020

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 12/19/20

ALPHA Job #: L2056917

Client Information

Client: Lisko Environmental, LLC
Address: 1300 Main St, PO Box 083
Belmar, NJ 07719
Phone:
Fax:
Email: Khalil@liskoenv.com

These samples have been previously analyzed by Alpha ☐

Project Information

Project Name: Pistola Tire Co
Project Location: 6380 Black Horse Pike, Mays Landing, NJ
Project #
(Use Project name as Project #) ☐
Project Manager: Khalil Abbaszadeh
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☑ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☑ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other X NJ-Int GW & NJ Vapor Intrusion

Billing Information

☐

Site Information

Is this site impacted by Petroleum? Yes ☒
Petroleum Product: gasoline/kerosene

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC+15	BN+15	Alkalinity	NO2	NO3	SO4	Fe, As	Sample Specific Comments	Total Bottle
56917-01	MW-1	12/18/20	921	GW	MS	X	X	X	X	X	X	X		8
-02	MW-2	12/18/20	1136	GW	MS	X	X	X	X	X	X	X		8
-03	MW-3	12/18/20	941	GW	FM	X	X	X	X	X	X	X		8
-04	MW-4	12/18/20	1046	GW	FM	X	X	X	X	X	X	X		8
-05	MW-5	12/18/20	1151	GW	FM	X	X	X	X	X	X	X		8
-06	MW-6	12/18/20	1031	GW	MS	X	X	X	X	X	X	X		8
-07	Field Blank	12/18/20	1200	FB	MS	X								3
-08	Trip Blank	12/17/20	1409	TB	lab	X								2

Container Type: V A P P P P P
Preservative: B A A A A A C

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code:
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	12/18/20		12/18/20 1620
	12/18/20 2200		12/18/20 2200
	12/19/20 0230		12/19/20 0230

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-14 (rev. 30-Sept-2013)

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Dec 31 2020, 01:57 pm

Login Number: L2056917
Account: LISKOENV Lisko Environmental, LLCProject: 0064-5
Received: 18DEC20 Due Date: 31DEC20

Sample #	Client ID	Mat	PR	Collected
L2056917-01	MW-1	S0	1	18DEC20 09:21
| NJ-RED Package Due Date: 12/31/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NJ-RED,NJDEP,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2056917-02	MW-2	S0	1	18DEC20 11:36
| Package Due Date: 12/31/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2056917-03	MW-3	S0	1	18DEC20 09:41
| Package Due Date: 12/31/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2056917-04	MW-4	S0	1	18DEC20 10:46
| Package Due Date: 12/31/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2056917-05	MW-5	S0	1	18DEC20 11:51
| Package Due Date: 12/31/20				
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB				
L2056917-06	MW-6	S0	1	18DEC20 10:31
| Package Due Date: 12/31/20				

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Dec 31 2020, 01:57 pm

Login Number: L2056917

Account: LISKOENV Lisko Environmental, LLCProject: 0064-5
Received: 18DEC20 Due Date: 31DEC20

Sample #	Client ID		Mat	PR	Collected
ALK-T-2320-PPB,AS-6020T-PPB,FE-6020T-PPB,NJ-8260,NJ-BNEXT-TCL-LVI,NJ-BNEXT-LVI,NJ-BNEXT-SIM-LVI,NO2-4500NO3-PPB,NO3-4500-PPB,PREPT,SO4-9038-PPB					
L2056917-07	FIELD BLANK		S0	1	18DEC20 12:00
| Package Due Date: 12/31/20					
NJ-8260					
L2056917-08	TRIP BLANK		S0	1	17DEC20 00:00
| Package Due Date: 12/31/20					
NJ-8260					

Logged By: Nadine Yakes

ALPHA ANALYTICAL LABORATORIES
Container Tracking Report

Container ID	Type	Status	Transaction Date	From Response	From Location	From Operator	To Response	To Location	To Operator
L2056917-01A	Vial-B	INTACT	30-DEC-20	CUSTODY	GC/MS	Richard Scott	VOA-DEAD-CUSTODY-343	VOA-DEAD-CUSTODY-343	Richard Scott
L2056917-01A	Vial-B	INTACT	29-DEC-20	CUSTODY	V56-04 CUSTODY	Lierymell Cruz	GC/MS	GC/MS	Lierymell Cruz
L2056917-01A	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V56-04 CUSTODY	V56-04 CUSTODY	Riley Frankian
L2056917-01A	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-01B	Vial-B	INTACT	23-DEC-20	CUSTODY	GC	Meghan Sullivan	VOA-DEAD-CUSTODY-300	VOA-DEAD-CUSTODY-300	Meghan Sullivan
L2056917-01B	Vial-B	INTACT	23-DEC-20	CUSTODY	V37-34 CUSTODY	Meghan Sullivan	GC	GC	Meghan Sullivan
L2056917-01B	Vial-B	INTACT	19-DEC-20		V56-35 CUSTODY	Richard Scott	V37-34 CUSTODY	V37-34 CUSTODY	Richard Scott
L2056917-01B	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V56-35 CUSTODY	V56-35 CUSTODY	Riley Frankian
L2056917-01B	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-01C	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V65-39 CUSTODY	V65-39 CUSTODY	Riley Frankian
L2056917-01C	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-01D	Plastic-NH.25	INTACT	29-DEC-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W7-S5-D CUSTODY	W7-S5-D CUSTODY	Phillip Renaud
L2056917-01D	Plastic-NH.25	INTACT	29-DEC-20	CUSTODY	WETCHEM	Josephine Bergersen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Josephine Bergersen
L2056917-01D	Plastic-NH.25	INTACT	28-DEC-20	CUSTODY	W9-S5-D CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-01D	Plastic-NH.25	INTACT	26-DEC-20	CUSTODY	W9-S5-B CUSTODY	Deven Perduta	W9-S5-D CUSTODY	W9-S5-D CUSTODY	Deven Perduta
L2056917-01D	Plastic-NH.25	INTACT	26-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Deven Perduta	W9-S5-B CUSTODY	W9-S5-B CUSTODY	Deven Perduta
L2056917-01D	Plastic-NH.25	INTACT	24-DEC-20	CUSTODY	WETCHEM	Julia Maynard	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Julia Maynard
L2056917-01D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	W7-S5-D CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-01D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Erika Lauder	W7-S5-D CUSTODY	W7-S5-D CUSTODY	Erika Lauder
L2056917-01D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	WETCHEM	Julia Maynard	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Julia Maynard
L2056917-01D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	W11-S5-D CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2056917-01D	Plastic-NH.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W11-S5-D CUSTODY	W11-S5-D CUSTODY	Erika Lauder
L2056917-01D	Plastic-NH.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-01E	Plastic-A.25	INTACT	29-DEC-20		RETURN WALK-IN CUSTODY	Tristan Riggs	W11-S5-C CUSTODY	W11-S5-C CUSTODY	Tristan Riggs
L2056917-01E	Plastic-A.25	INTACT	29-DEC-20	CUSTODY	WETCHEM	Josephine Bergersen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Josephine Bergersen

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2056917-01E	Plastic-A.25	INTACT	29-DEC-20	CUSTODY	W12-S5-B CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-01E	Plastic-A.25	INTACT	21-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Phillip Renaud	W12-S5-B CUSTODY	W12-S5-B CUSTODY	Phillip Renaud
L2056917-01E	Plastic-A.25	INTACT	19-DEC-20	CUSTODY	WETCHEM	Deb Whelan	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Deb Whelan
L2056917-01E	Plastic-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2056917-01E	Plastic-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-01F	Plastic-C.25	INTACT	30-DEC-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Lily Fisher	A2-CUSTODY-WH-2F	A2-CUSTODY-WH-2F	Lily Fisher
L2056917-01F	Plastic-C.25	INTACT	19-DEC-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Joseph Small	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Joseph Small
L2056917-01F	Plastic-C.25	INTACT	19-DEC-20	TRANSIT COURIER	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Riley Frankian
L2056917-01F	Plastic-C.25	INTACT	19-DEC-20	COOLER13-TRANSFER_TO_MANSFIELD	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER13-TRANSFER_TO_MANSFI	
L2056917-01F	Plastic-C.25	INTACT	19-DEC-20		CUSTODY	Wendy Morency	COOLER13-TRANSFER_TO_MANSFIELD	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Moren
L2056917-01F	Plastic-C.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-01G	Amber-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W24-S2-A CUSTODY	W24-S2-A CUSTODY	Erika Lauder
L2056917-01G	Amber-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-01H	Amber-A.25	EMPTY	23-DEC-20		ORGPREP	Isaac Bamfo	CUSTODY	CUSTODY	Isaac Bamfo
L2056917-01H	Amber-A.25	INTACT	23-DEC-20		W24-S2-A CUSTODY	Jonathan Ahiaba	ORGPREP	ORGPREP	Jonathan Ahiaba
L2056917-01H	Amber-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W24-S2-A CUSTODY	W24-S2-A CUSTODY	Erika Lauder
L2056917-01H	Amber-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-02A	Vial-B	INTACT	30-DEC-20	CUSTODY	GC/MS	Richard Scott	VOA-DEAD-CUSTODY-343	VOA-DEAD-CUSTODY-343	Richard Scott
L2056917-02A	Vial-B	INTACT	29-DEC-20	CUSTODY	V56-04 CUSTODY	Lierymell Cruz	GC/MS	GC/MS	Lierymell Cruz
L2056917-02A	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V56-04 CUSTODY	V56-04 CUSTODY	Riley Frankian
L2056917-02A	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-02B	Vial-B	INTACT	23-DEC-20	CUSTODY	GC	Meghan Sullivan	VOA-DEAD-CUSTODY-301	VOA-DEAD-CUSTODY-301	Meghan Sullivan
L2056917-02B	Vial-B	INTACT	23-DEC-20	CUSTODY	V37-34 CUSTODY	Meghan Sullivan	GC	GC	Meghan Sullivan
L2056917-02B	Vial-B	INTACT	19-DEC-20		V56-35 CUSTODY	Richard Scott	V37-34 CUSTODY	V37-34 CUSTODY	Richard Scott
L2056917-02B	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V56-35 CUSTODY	V56-35 CUSTODY	Riley Frankian

Container ID	Type	Status	Transaction Date	From Response	Location	Operator	To Response	Location	Operator
L2056917-02B	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-02C	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V65-39 CUSTODY	V65-39 CUSTODY	Riley Frankian
L2056917-02C	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-02D	Plastic-NH.25	INTACT	29-DEC-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W7-S5-D CUSTODY	W7-S5-D CUSTODY	Phillip Renaud
L2056917-02D	Plastic-NH.25	INTACT	29-DEC-20	CUSTODY	WETCHEM	Josephine Bergersen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Josephine Bergersen
L2056917-02D	Plastic-NH.25	INTACT	28-DEC-20	CUSTODY	W9-S5-D CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-02D	Plastic-NH.25	INTACT	26-DEC-20	CUSTODY	W9-S5-B CUSTODY	Deven Perduta	W9-S5-D CUSTODY	W9-S5-D CUSTODY	Deven Perduta
L2056917-02D	Plastic-NH.25	INTACT	26-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Deven Perduta	W9-S5-B CUSTODY	W9-S5-B CUSTODY	Deven Perduta
L2056917-02D	Plastic-NH.25	INTACT	24-DEC-20	CUSTODY	WETCHEM	Julia Maynard	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Julia Maynard
L2056917-02D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	W7-S5-D CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-02D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Erika Lauder	W7-S5-D CUSTODY	W7-S5-D CUSTODY	Erika Lauder
L2056917-02D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	WETCHEM	Julia Maynard	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Julia Maynard
L2056917-02D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	W11-S5-D CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2056917-02D	Plastic-NH.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W11-S5-D CUSTODY	W11-S5-D CUSTODY	Erika Lauder
L2056917-02D	Plastic-NH.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-02E	Plastic-A.25	INTACT	29-DEC-20		RETURN WALK-IN CUSTODY	Tristan Riggs	W11-S5-C CUSTODY	W11-S5-C CUSTODY	Tristan Riggs
L2056917-02E	Plastic-A.25	INTACT	29-DEC-20	CUSTODY	WETCHEM	Josephine Bergersen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Josephine Bergersen
L2056917-02E	Plastic-A.25	INTACT	29-DEC-20	CUSTODY	W12-S5-B CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-02E	Plastic-A.25	INTACT	21-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Phillip Renaud	W12-S5-B CUSTODY	W12-S5-B CUSTODY	Phillip Renaud
L2056917-02E	Plastic-A.25	INTACT	19-DEC-20	CUSTODY	WETCHEM	Deb Whelan	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Deb Whelan
L2056917-02E	Plastic-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2056917-02E	Plastic-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-02F	Plastic-C.25	INTACT	30-DEC-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Lily Fisher	A2-CUSTODY-WH-2F	A2-CUSTODY-WH-2F	Lily Fisher
L2056917-02F	Plastic-C.25	INTACT	19-DEC-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Joseph Small	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Joseph Small
L2056917-02F	Plastic-C.25	INTACT	19-DEC-20	TRANSIT COURIER	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Riley Frankian

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2056917-02F	Plastic-C.25	INTACT	19-DEC-20	COOLER13-TRANSFER_TO_MANSFIELD	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER13-TRANSFER_TO_MANSFI	
L2056917-02F	Plastic-C.25	INTACT	19-DEC-20		CUSTODY	Wendy Morency	COOLER13-TRANSFER_TO_MANSFIELD	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Moren
L2056917-02F	Plastic-C.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-02G	Amber-A.25	EMPTY	23-DEC-20		ORGPREP	Isaac Bamfo	CUSTODY	CUSTODY	Isaac Bamfo
L2056917-02G	Amber-A.25	INTACT	23-DEC-20		W24-S2-A CUSTODY	Jonathan Ahiaba	ORGPREP	ORGPREP	Jonathan Ahiaba
L2056917-02G	Amber-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W24-S2-A CUSTODY	W24-S2-A CUSTODY	Erika Lauder
L2056917-02G	Amber-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-02H	Amber-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W24-S2-A CUSTODY	W24-S2-A CUSTODY	Erika Lauder
L2056917-02H	Amber-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-03A	Vial-B	INTACT	30-DEC-20	CUSTODY	GC/MS	Richard Scott	VOA-DEAD-CUSTODY-343	VOA-DEAD-CUSTODY-343	Richard Scott
L2056917-03A	Vial-B	INTACT	29-DEC-20	CUSTODY	V56-04 CUSTODY	Lierymell Cruz	GC/MS	GC/MS	Lierymell Cruz
L2056917-03A	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V56-04 CUSTODY	V56-04 CUSTODY	Riley Frankian
L2056917-03A	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-03B	Vial-B	INTACT	23-DEC-20	CUSTODY	GC	Meghan Sullivan	VOA-DEAD-CUSTODY-301	VOA-DEAD-CUSTODY-301	Meghan Sullivan
L2056917-03B	Vial-B	INTACT	23-DEC-20	CUSTODY	V37-34 CUSTODY	Meghan Sullivan	GC	GC	Meghan Sullivan
L2056917-03B	Vial-B	INTACT	19-DEC-20		V56-35 CUSTODY	Richard Scott	V37-34 CUSTODY	V37-34 CUSTODY	Richard Scott
L2056917-03B	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V56-35 CUSTODY	V56-35 CUSTODY	Riley Frankian
L2056917-03B	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-03C	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V65-39 CUSTODY	V65-39 CUSTODY	Riley Frankian
L2056917-03C	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-03D	Plastic-NH.25	INTACT	29-DEC-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W7-S5-D CUSTODY	W7-S5-D CUSTODY	Phillip Renaud
L2056917-03D	Plastic-NH.25	INTACT	29-DEC-20	CUSTODY	WETCHEM	Josephine Bergersen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Josephine Bergersen
L2056917-03D	Plastic-NH.25	INTACT	28-DEC-20	CUSTODY	W9-S5-D CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-03D	Plastic-NH.25	INTACT	26-DEC-20	CUSTODY	W9-S5-B CUSTODY	Deven Perduta	W9-S5-D CUSTODY	W9-S5-D CUSTODY	Deven Perduta
L2056917-03D	Plastic-NH.25	INTACT	26-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Deven Perduta	W9-S5-B CUSTODY	W9-S5-B CUSTODY	Deven Perduta

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2056917-03D	Plastic-NH.25	INTACT	24-DEC-20	CUSTODY	WETCHEM	Julia Maynard	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Julia Maynard
L2056917-03D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	W7-S5-D CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-03D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Erika Lauder	W7-S5-D CUSTODY	W7-S5-D CUSTODY	Erika Lauder
L2056917-03D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	WETCHEM	Julia Maynard	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Julia Maynard
L2056917-03D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	W11-S5-D CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2056917-03D	Plastic-NH.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W11-S5-D CUSTODY	W11-S5-D CUSTODY	Erika Lauder
L2056917-03D	Plastic-NH.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-03E	Plastic-A.25	INTACT	29-DEC-20		RETURN WALK-IN CUSTODY	Tristan Riggs	W11-S5-C CUSTODY	W11-S5-C CUSTODY	Tristan Riggs
L2056917-03E	Plastic-A.25	INTACT	29-DEC-20	CUSTODY	WETCHEM	Josephine Bergersen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Josephine Bergersen
L2056917-03E	Plastic-A.25	INTACT	29-DEC-20	CUSTODY	W12-S5-B CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-03E	Plastic-A.25	INTACT	21-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Phillip Renaud	W12-S5-B CUSTODY	W12-S5-B CUSTODY	Phillip Renaud
L2056917-03E	Plastic-A.25	INTACT	19-DEC-20	CUSTODY	WETCHEM	Deb Whelan	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Deb Whelan
L2056917-03E	Plastic-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2056917-03E	Plastic-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-03F	Plastic-C.25	INTACT	30-DEC-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Lily Fisher	A2-CUSTODY-WH-2F	A2-CUSTODY-WH-2F	Lily Fisher
L2056917-03F	Plastic-C.25	INTACT	19-DEC-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Joseph Small	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Joseph Small
L2056917-03F	Plastic-C.25	INTACT	19-DEC-20	TRANSIT COURIER	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Riley Frankian
L2056917-03F	Plastic-C.25	INTACT	19-DEC-20	COOLER13-TRANSFER_TO_MANSFIELD	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER13-TRANSFER_TO_MANSFI	
L2056917-03F	Plastic-C.25	INTACT	19-DEC-20		CUSTODY	Wendy Morency	COOLER13-TRANSFER_TO_MANSFIELD	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Moren
L2056917-03F	Plastic-C.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-03G	Amber-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W24-S2-A CUSTODY	W24-S2-A CUSTODY	Erika Lauder
L2056917-03G	Amber-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-03H	Amber-A.25	EMPTY	23-DEC-20		ORGPREP	Isaac Bamfo	CUSTODY	CUSTODY	Isaac Bamfo
L2056917-03H	Amber-A.25	INTACT	23-DEC-20		W24-S2-A CUSTODY	Jonathan Ahiaba	ORGPREP	ORGPREP	Jonathan Ahiaba
L2056917-03H	Amber-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W24-S2-A CUSTODY	W24-S2-A CUSTODY	Erika Lauder

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2056917-03H	Amber-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-04A	Vial-B	INTACT	30-DEC-20	CUSTODY	GC/MS	Richard Scott	VOA-DEAD-CUSTODY-343	VOA-DEAD-CUSTODY-343	Richard Scott
L2056917-04A	Vial-B	INTACT	29-DEC-20	CUSTODY	V56-04 CUSTODY	Lierymell Cruz	GC/MS	GC/MS	Lierymell Cruz
L2056917-04A	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V56-04 CUSTODY	V56-04 CUSTODY	Riley Frankian
L2056917-04A	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-04B	Vial-B	INTACT	23-DEC-20	CUSTODY	GC	Meghan Sullivan	VOA-DEAD-CUSTODY-301	VOA-DEAD-CUSTODY-301	Meghan Sullivan
L2056917-04B	Vial-B	INTACT	23-DEC-20	CUSTODY	V37-34 CUSTODY	Meghan Sullivan	GC	GC	Meghan Sullivan
L2056917-04B	Vial-B	INTACT	19-DEC-20		V56-35 CUSTODY	Richard Scott	V37-34 CUSTODY	V37-34 CUSTODY	Richard Scott
L2056917-04B	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V56-35 CUSTODY	V56-35 CUSTODY	Riley Frankian
L2056917-04B	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-04C	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V65-39 CUSTODY	V65-39 CUSTODY	Riley Frankian
L2056917-04C	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-04D	Plastic-NH.25	INTACT	29-DEC-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W7-S5-D CUSTODY	W7-S5-D CUSTODY	Phillip Renaud
L2056917-04D	Plastic-NH.25	INTACT	29-DEC-20	CUSTODY	WETCHEM	Josephine Bergersen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Josephine Bergersen
L2056917-04D	Plastic-NH.25	INTACT	28-DEC-20	CUSTODY	W9-S5-D CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-04D	Plastic-NH.25	INTACT	26-DEC-20	CUSTODY	W9-S5-B CUSTODY	Deven Perduta	W9-S5-D CUSTODY	W9-S5-D CUSTODY	Deven Perduta
L2056917-04D	Plastic-NH.25	INTACT	26-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Deven Perduta	W9-S5-B CUSTODY	W9-S5-B CUSTODY	Deven Perduta
L2056917-04D	Plastic-NH.25	INTACT	24-DEC-20	CUSTODY	WETCHEM	Julia Maynard	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Julia Maynard
L2056917-04D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	W7-S5-D CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-04D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Erika Lauder	W7-S5-D CUSTODY	W7-S5-D CUSTODY	Erika Lauder
L2056917-04D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	WETCHEM	Julia Maynard	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Julia Maynard
L2056917-04D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	W11-S5-D CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2056917-04D	Plastic-NH.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W11-S5-D CUSTODY	W11-S5-D CUSTODY	Erika Lauder
L2056917-04D	Plastic-NH.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-04E	Plastic-A.25	INTACT	29-DEC-20		RETURN WALK-IN CUSTODY	Tristan Riggs	W11-S5-C CUSTODY	W11-S5-C CUSTODY	Tristan Riggs

Container ID	Type	Status	Transaction Date	From Response	From Location	From Operator	To Response	To Location	To Operator
L2056917-04E	Plastic-A.25	INTACT	29-DEC-20	CUSTODY	WETCHEM	Josephine Bergersen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Josephine Bergersen
L2056917-04E	Plastic-A.25	INTACT	29-DEC-20	CUSTODY	W12-S5-B CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-04E	Plastic-A.25	INTACT	21-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Phillip Renaud	W12-S5-B CUSTODY	W12-S5-B CUSTODY	Phillip Renaud
L2056917-04E	Plastic-A.25	INTACT	19-DEC-20	CUSTODY	WETCHEM	Deb Whelan	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Deb Whelan
L2056917-04E	Plastic-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2056917-04E	Plastic-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-04F	Plastic-C.25	INTACT	30-DEC-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Lily Fisher	A2-CUSTODY-WH-2F	A2-CUSTODY-WH-2F	Lily Fisher
L2056917-04F	Plastic-C.25	INTACT	19-DEC-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Joseph Small	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Joseph Small
L2056917-04F	Plastic-C.25	INTACT	19-DEC-20	TRANSIT COURIER	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Riley Frankian
L2056917-04F	Plastic-C.25	INTACT	19-DEC-20	COOLER13-TRANSFER_TO_MANSFIELD	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER13-TRANSFER_TO_MANSFI	
L2056917-04F	Plastic-C.25	INTACT	19-DEC-20		CUSTODY	Wendy Morency	COOLER13-TRANSFER_TO_MANSFIELD	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Moren
L2056917-04F	Plastic-C.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-04G	Amber-A.25	EMPTY	23-DEC-20		ORGPREP	Isaac Bamfo	CUSTODY	CUSTODY	Isaac Bamfo
L2056917-04G	Amber-A.25	INTACT	23-DEC-20		W24-S2-A CUSTODY	Jonathan Ahiaba	ORGPREP	ORGPREP	Jonathan Ahiaba
L2056917-04G	Amber-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W24-S2-A CUSTODY	W24-S2-A CUSTODY	Erika Lauder
L2056917-04G	Amber-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-04H	Amber-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W24-S2-A CUSTODY	W24-S2-A CUSTODY	Erika Lauder
L2056917-04H	Amber-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-05A	Vial-B	INTACT	30-DEC-20	CUSTODY	GC/MS	Richard Scott	VOA-DEAD-CUSTODY-343	VOA-DEAD-CUSTODY-343	Richard Scott
L2056917-05A	Vial-B	INTACT	29-DEC-20	CUSTODY	V56-04 CUSTODY	Lierymell Cruz	GC/MS	GC/MS	Lierymell Cruz
L2056917-05A	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V56-04 CUSTODY	V56-04 CUSTODY	Riley Frankian
L2056917-05A	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-05B	Vial-B	INTACT	23-DEC-20	CUSTODY	GC	Meghan Sullivan	VOA-DEAD-CUSTODY-301	VOA-DEAD-CUSTODY-301	Meghan Sullivan
L2056917-05B	Vial-B	INTACT	23-DEC-20	CUSTODY	V37-34 CUSTODY	Meghan Sullivan	GC	GC	Meghan Sullivan
L2056917-05B	Vial-B	INTACT	19-DEC-20		V56-35 CUSTODY	Richard Scott	V37-34 CUSTODY	V37-34 CUSTODY	Richard Scott

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2056917-05B	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V56-35 CUSTODY	V56-35 CUSTODY	Riley Frankian
L2056917-05B	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-05C	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V65-39 CUSTODY	V65-39 CUSTODY	Riley Frankian
L2056917-05C	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-05D	Plastic-NH.25	INTACT	29-DEC-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W7-S5-D CUSTODY	W7-S5-D CUSTODY	Phillip Renaud
L2056917-05D	Plastic-NH.25	INTACT	29-DEC-20	CUSTODY	WETCHEM	Josephine Bergersen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Josephine Bergersen
L2056917-05D	Plastic-NH.25	INTACT	28-DEC-20	CUSTODY	W9-S5-D CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-05D	Plastic-NH.25	INTACT	26-DEC-20	CUSTODY	W9-S5-B CUSTODY	Deven Perduta	W9-S5-D CUSTODY	W9-S5-D CUSTODY	Deven Perduta
L2056917-05D	Plastic-NH.25	INTACT	26-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Deven Perduta	W9-S5-B CUSTODY	W9-S5-B CUSTODY	Deven Perduta
L2056917-05D	Plastic-NH.25	INTACT	24-DEC-20	CUSTODY	WETCHEM	Julia Maynard	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Julia Maynard
L2056917-05D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	W7-S5-D CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-05D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Erika Lauder	W7-S5-D CUSTODY	W7-S5-D CUSTODY	Erika Lauder
L2056917-05D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	WETCHEM	Julia Maynard	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Julia Maynard
L2056917-05D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	W11-S5-D CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2056917-05D	Plastic-NH.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W11-S5-D CUSTODY	W11-S5-D CUSTODY	Erika Lauder
L2056917-05D	Plastic-NH.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-05E	Plastic-A.25	INTACT	29-DEC-20		RETURN WALK-IN CUSTODY	Tristan Riggs	W11-S5-C CUSTODY	W11-S5-C CUSTODY	Tristan Riggs
L2056917-05E	Plastic-A.25	INTACT	29-DEC-20	CUSTODY	WETCHEM	Josephine Bergersen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Josephine Bergersen
L2056917-05E	Plastic-A.25	INTACT	29-DEC-20	CUSTODY	W12-S5-B CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-05E	Plastic-A.25	INTACT	21-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Phillip Renaud	W12-S5-B CUSTODY	W12-S5-B CUSTODY	Phillip Renaud
L2056917-05E	Plastic-A.25	INTACT	19-DEC-20	CUSTODY	WETCHEM	Deb Whelan	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Deb Whelan
L2056917-05E	Plastic-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2056917-05E	Plastic-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-05F	Plastic-C.25	INTACT	30-DEC-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Lily Fisher	A2-CUSTODY-WH-2F	A2-CUSTODY-WH-2F	Lily Fisher
L2056917-05F	Plastic-C.25	INTACT	19-DEC-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Joseph Small	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Joseph Small

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2056917-05F	Plastic-C.25	INTACT	19-DEC-20	TRANSIT COURIER	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Riley Frankian
L2056917-05F	Plastic-C.25	INTACT	19-DEC-20	COOLER13-TRANSFER_TO_MANSFIELD	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER13-TRANSFER_TO_MANSFI	
L2056917-05F	Plastic-C.25	INTACT	19-DEC-20		CUSTODY	Wendy Morency	COOLER13-TRANSFER_TO_MANSFIELD	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Moren
L2056917-05F	Plastic-C.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-05G	Amber-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W24-S2-A CUSTODY	W24-S2-A CUSTODY	Erika Lauder
L2056917-05G	Amber-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-05H	Amber-A.25	EMPTY	23-DEC-20		ORGPREP	Isaac Bamfo	CUSTODY	CUSTODY	Isaac Bamfo
L2056917-05H	Amber-A.25	INTACT	23-DEC-20		W24-S2-A CUSTODY	Jonathan Ahiaba	ORGPREP	ORGPREP	Jonathan Ahiaba
L2056917-05H	Amber-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W24-S2-A CUSTODY	W24-S2-A CUSTODY	Erika Lauder
L2056917-05H	Amber-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-06A	Vial-B	INTACT	30-DEC-20	CUSTODY	GC/MS	Richard Scott	VOA-DEAD-CUSTODY-343	VOA-DEAD-CUSTODY-343	Richard Scott
L2056917-06A	Vial-B	INTACT	29-DEC-20	CUSTODY	V56-04 CUSTODY	Lierymell Cruz	GC/MS	GC/MS	Lierymell Cruz
L2056917-06A	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V56-04 CUSTODY	V56-04 CUSTODY	Riley Frankian
L2056917-06A	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-06B	Vial-B	INTACT	23-DEC-20	CUSTODY	GC	Meghan Sullivan	VOA-DEAD-CUSTODY-301	VOA-DEAD-CUSTODY-301	Meghan Sullivan
L2056917-06B	Vial-B	INTACT	23-DEC-20	CUSTODY	V37-34 CUSTODY	Meghan Sullivan	GC	GC	Meghan Sullivan
L2056917-06B	Vial-B	INTACT	19-DEC-20		V56-35 CUSTODY	Richard Scott	V37-34 CUSTODY	V37-34 CUSTODY	Richard Scott
L2056917-06B	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V56-35 CUSTODY	V56-35 CUSTODY	Riley Frankian
L2056917-06B	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-06C	Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V65-39 CUSTODY	V65-39 CUSTODY	Riley Frankian
L2056917-06C	Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-06D	Plastic-NH.25	INTACT	29-DEC-20		RETURN WALK-IN CUSTODY	Phillip Renaud	W7-S5-D CUSTODY	W7-S5-D CUSTODY	Phillip Renaud
L2056917-06D	Plastic-NH.25	INTACT	29-DEC-20	CUSTODY	WETCHEM	Josephine Bergersen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Josephine Bergersen
L2056917-06D	Plastic-NH.25	INTACT	28-DEC-20	CUSTODY	W9-S5-D CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-06D	Plastic-NH.25	INTACT	26-DEC-20	CUSTODY	W9-S5-B CUSTODY	Deven Perduta	W9-S5-D CUSTODY	W9-S5-D CUSTODY	Deven Perduta

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2056917-06D	Plastic-NH.25	INTACT	26-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Deven Perduta	W9-S5-B CUSTODY	W9-S5-B CUSTODY	Deven Perduta
L2056917-06D	Plastic-NH.25	INTACT	24-DEC-20	CUSTODY	WETCHEM	Julia Maynard	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Julia Maynard
L2056917-06D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	W7-S5-D CUSTODY	Josephine Bergersen	WETCHEM	WETCHEM	Josephine Bergersen
L2056917-06D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Erika Lauder	W7-S5-D CUSTODY	W7-S5-D CUSTODY	Erika Lauder
L2056917-06D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	WETCHEM	Julia Maynard	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Julia Maynard
L2056917-06D	Plastic-NH.25	INTACT	23-DEC-20	CUSTODY	W11-S5-D CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2056917-06D	Plastic-NH.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W11-S5-D CUSTODY	W11-S5-D CUSTODY	Erika Lauder
L2056917-06D	Plastic-NH.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-06E	Plastic-A.25	INTACT	29-DEC-20		RETURN WALK-IN CUSTODY	Tristan Riggs	W11-S5-C CUSTODY	W11-S5-C CUSTODY	Tristan Riggs
L2056917-06E	Plastic-A.25	INTACT	29-DEC-20	CUSTODY	W12-S5-B CUSTODY	Josephine Bergersen	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Josephine Bergersen
L2056917-06E	Plastic-A.25	INTACT	21-DEC-20	CUSTODY	RETURN WALK-IN CUSTODY	Phillip Renaud	W12-S5-B CUSTODY	W12-S5-B CUSTODY	Phillip Renaud
L2056917-06E	Plastic-A.25	INTACT	19-DEC-20	CUSTODY	WETCHEM	Deb Whelan	RETURN WALK-IN CUSTODY	RETURN WALK-IN CUSTODY	Deb Whelan
L2056917-06E	Plastic-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Julia Maynard	WETCHEM	WETCHEM	Julia Maynard
L2056917-06E	Plastic-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-06F	Plastic-C.25	INTACT	30-DEC-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY-METPREP1	Lily Fisher	A2-CUSTODY-WH-2F	A2-CUSTODY-WH-2F	Lily Fisher
L2056917-06F	Plastic-C.25	INTACT	19-DEC-20	A2-CUSTODY-REFRIDGE	A2-CUSTODY	Joseph Small	A2-CUSTODY-METPREP1	A2-CUSTODY-METPREP1	Joseph Small
L2056917-06F	Plastic-C.25	INTACT	19-DEC-20	TRANSIT COURIER	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Morency	A2-CUSTODY	A2-CUSTODY	Riley Frankian
L2056917-06F	Plastic-C.25	INTACT	19-DEC-20	COOLER13-TRANSFER_TO_MANSFIELD	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Morency	TRANSIT COURIER	COOLER13-TRANSFER_TO_MANSFI	
L2056917-06F	Plastic-C.25	INTACT	19-DEC-20		CUSTODY	Wendy Morency	COOLER13-TRANSFER_TO_MANSFIELD	COOLER13-TRANSFER_TO_MANSFIELD	Wendy Moren
L2056917-06F	Plastic-C.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-06G	Amber-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W24-S2-A CUSTODY	W24-S2-A CUSTODY	Erika Lauder
L2056917-06G	Amber-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-06H	Amber-A.25	EMPTY	23-DEC-20		ORGPREP	Isaac Bamfo	CUSTODY	CUSTODY	Isaac Bamfo
L2056917-06H	Amber-A.25	INTACT	23-DEC-20		W24-S2-A CUSTODY	Jonathan Ahiaba	ORGPREP	ORGPREP	Jonathan Ahiaba
L2056917-06H	Amber-A.25	INTACT	19-DEC-20	CUSTODY	CUSTODY	Erika Lauder	W24-S2-A CUSTODY	W24-S2-A CUSTODY	Erika Lauder

Container ID Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L2056917-06H Amber-A.25	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-07A Vial-B	INTACT	30-DEC-20	CUSTODY	GC/MS	Richard Scott	VOA-DEAD-CUSTODY-343	VOA-DEAD-CUSTODY-343	Richard Scott
L2056917-07A Vial-B	INTACT	29-DEC-20	CUSTODY	V56-04 CUSTODY	Lierymell Cruz	GC/MS	GC/MS	Lierymell Cruz
L2056917-07A Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V56-04 CUSTODY	V56-04 CUSTODY	Riley Frankian
L2056917-07A Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-07B Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V65-39 CUSTODY	V65-39 CUSTODY	Riley Frankian
L2056917-07B Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-07C Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V65-39 CUSTODY	V65-39 CUSTODY	Riley Frankian
L2056917-07C Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-08A Vial-B	INTACT	29-DEC-20	CUSTODY	GC/MS	Lierymell Cruz	VOA-DEAD-CUSTODY-314	VOA-DEAD-CUSTODY-314	Lierymell Cruz
L2056917-08A Vial-B	INTACT	29-DEC-20	CUSTODY	V56-04 CUSTODY	Piotr Duczmalewski	GC/MS	GC/MS	Piotr Duczmalewski
L2056917-08A Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V56-04 CUSTODY	V56-04 CUSTODY	Riley Frankian
L2056917-08A Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop
L2056917-08B Vial-B	INTACT	19-DEC-20	CUSTODY	CUSTODY	Riley Frankian	V65-39 CUSTODY	V65-39 CUSTODY	Riley Frankian
L2056917-08B Vial-B	INTACT	19-DEC-20	LOGIN	LOGIN	Madeline Mosscrop	CUSTODY	CUSTODY	Madeline Mosscrop

Methodology Review

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Laboratory Chronicle

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2056917-01A	Vial HCl preserved	A	NA		4.1	Y	Absent		NJ-8260(14)
L2056917-01B	Vial HCl preserved	A	NA		4.1	Y	Absent		NJ-8260(14)
L2056917-01C	Vial HCl preserved	A	NA		4.1	Y	Absent		NJ-8260(14)
L2056917-01D	Plastic 250ml unpreserved/No Headspace	A	NA		4.1	Y	Absent		ALK-T-2320-PPB(14)
L2056917-01E	Plastic 250ml unpreserved	A	7	7	4.1	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2056917-01F	Plastic 250ml HNO3 preserved	A	<2	<2	4.1	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2056917-01G	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2056917-01H	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2056917-02A	Vial HCl preserved	B	NA		2.6	Y	Absent		NJ-8260(14)
L2056917-02B	Vial HCl preserved	B	NA		2.6	Y	Absent		NJ-8260(14)
L2056917-02C	Vial HCl preserved	B	NA		2.6	Y	Absent		NJ-8260(14)
L2056917-02D	Plastic 250ml unpreserved/No Headspace	B	NA		2.6	Y	Absent		ALK-T-2320-PPB(14)
L2056917-02E	Plastic 250ml unpreserved	B	7	7	2.6	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2056917-02F	Plastic 250ml HNO3 preserved	B	<2	<2	2.6	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2056917-02G	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2056917-02H	Amber 250ml unpreserved	B	7	7	2.6	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2056917-03A	Vial HCl preserved	A	NA		4.1	Y	Absent		NJ-8260(14)
L2056917-03B	Vial HCl preserved	A	NA		4.1	Y	Absent		NJ-8260(14)
L2056917-03C	Vial HCl preserved	A	NA		4.1	Y	Absent		NJ-8260(14)
L2056917-03D	Plastic 250ml unpreserved/No Headspace	A	NA		4.1	Y	Absent		ALK-T-2320-PPB(14)
L2056917-03E	Plastic 250ml unpreserved	A	7	7	4.1	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2056917-03F	Plastic 250ml HNO3 preserved	A	<2	<2	4.1	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2056917-03G	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2056917-03H	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2056917-04A	Vial HCl preserved	A	NA		4.1	Y	Absent		NJ-8260(14)
L2056917-04B	Vial HCl preserved	A	NA		4.1	Y	Absent		NJ-8260(14)
L2056917-04C	Vial HCl preserved	A	NA		4.1	Y	Absent		NJ-8260(14)
L2056917-04D	Plastic 250ml unpreserved/No Headspace	A	NA		4.1	Y	Absent		ALK-T-2320-PPB(14)
L2056917-04E	Plastic 250ml unpreserved	A	7	7	4.1	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2056917-04F	Plastic 250ml HNO3 preserved	A	<2	<2	4.1	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2056917-04G	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2056917-04H	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2056917-05A	Vial HCl preserved	A	NA		4.1	Y	Absent		NJ-8260(14)
L2056917-05B	Vial HCl preserved	A	NA		4.1	Y	Absent		NJ-8260(14)
L2056917-05C	Vial HCl preserved	A	NA		4.1	Y	Absent		NJ-8260(14)
L2056917-05D	Plastic 250ml unpreserved/No Headspace	A	NA		4.1	Y	Absent		ALK-T-2320-PPB(14)
L2056917-05E	Plastic 250ml unpreserved	A	7	7	4.1	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2056917-05F	Plastic 250ml HNO3 preserved	A	<2	<2	4.1	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2056917-05G	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2056917-05H	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2056917-06A	Vial HCl preserved	A	NA		4.1	Y	Absent		NJ-8260(14)
L2056917-06B	Vial HCl preserved	A	NA		4.1	Y	Absent		NJ-8260(14)
L2056917-06C	Vial HCl preserved	A	NA		4.1	Y	Absent		NJ-8260(14)
L2056917-06D	Plastic 250ml unpreserved/No Headspace	A	NA		4.1	Y	Absent		ALK-T-2320-PPB(14)
L2056917-06E	Plastic 250ml unpreserved	A	7	7	4.1	Y	Absent		SO4-9038-PPB(28),NO3-4500-PPB(2),NO2-4500NO3-PPB(2)
L2056917-06F	Plastic 250ml HNO3 preserved	A	<2	<2	4.1	Y	Absent		AS-6020T-PPB(180),FE-6020T-PPB(180)
L2056917-06G	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)
L2056917-06H	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NJ-BNEXT-LVI(7),NJ-BNEXT-SIM-LVI(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2056917-07A	Vial HCl preserved	B	NA		2.6	Y	Absent		NJ-8260(14)
L2056917-07B	Vial HCl preserved	B	NA		2.6	Y	Absent		NJ-8260(14)
L2056917-07C	Vial HCl preserved	B	NA		2.6	Y	Absent		NJ-8260(14)
L2056917-08A	Vial HCl preserved	B	NA		2.6	Y	Absent		NJ-8260(14)
L2056917-08B	Vial HCl preserved	B	NA		2.6	Y	Absent		NJ-8260(14)

*Values in parentheses indicate holding time in days

NJ DEP
Data of Known Quality Protocols
Conformance/Non-Conformance
Summary Questionnaire

NJ DEP Data of Known Quality Protocols
Conformance/Non-Conformance
Summary Questionnaire

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	YES
1a	Were the method specified handling, preservation, and holding time requirements met?	YES
1b	EPH Method: Was the EPH Method conducted without significant modifications (see Section 11.3 of respective DKQ methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (4 ± 2° C)?	YES
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	NO
5a	Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?	YES
5b	Were these reporting limits met?	NO
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	YES
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	NO

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1a or #1b is "No", the data package does not meet the requirements for "Data of Known Quality".

Conformance/Non-Conformance Summary

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

DKQP Related Narratives
Volatile Organics
In reference to question 5b:
L2056917-01 through -08: One or more of the target analytes did not achieve the requested regulatory limits.
In reference to question 4:
WG1450355-3/-4: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Please refer to the QC section of the report for specific details.

Semivolatile Organics
In reference to question 4:
WG1448411-2/-3 and WG1448816-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable. Please refer to the QC section of the report for specific details.

Semivolatile Organics by SIM
In reference to question 4:
WG1448415-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Difficult analytes may recover at less than 10% recovery, where applicable. Please refer to the QC section of the report for specific details.

Non-DKQP Related Narratives
Sulfate
L2056917-01, -02, -03, and -06: The sample has an elevated detection limit due to the dilution required by

Case Narrative (continued)

the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey Report Date: 12/31/20

Title: Technical Director/Representative

Glossary

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Organics

GC/MS 8260
Analysis

Sample Results Summary

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-01	**Date Collected**	: 12/18/20 09:21
Client ID	: MW-1	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 00:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N17	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-01	**Date Collected**	: 12/18/20 09:21
Client ID	: MW-1	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 00:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N17	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	7.8	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-01	**Date Collected**	: 12/18/20 09:21
Client ID	: MW-1	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 00:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N17	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	0.57	2.5	0.22	J
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-01	**Date Collected**	: 12/18/20 09:21
Client ID	: MW-1	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 00:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N17	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.75	1.02	J
	Total TIC Compounds		1.02J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-02	**Date Collected**	: 12/18/20 11:36
Client ID	: MW-2	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 00:30
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N18	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-02	**Date Collected**	: 12/18/20 11:36
Client ID	: MW-2	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 00:30
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N18	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	20	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-02	**Date Collected**	: 12/18/20 11:36
Client ID	: MW-2	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 00:30
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N18	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	0.26	2.5	0.22	J
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-02	**Date Collected**	: 12/18/20 11:36
Client ID	: MW-2	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 00:30
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N18	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.75	1.07	J
	Total TIC Compounds		1.07J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-03	**Date Collected**	: 12/18/20 09:41
Client ID	: MW-3	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 00:53
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N19	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	0.48	0.75	0.20	J
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-03	**Date Collected**	: 12/18/20 09:41
Client ID	: MW-3	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 00:53
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N19	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-03	**Date Collected**	: 12/18/20 09:41
Client ID	: MW-3	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 00:53
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N19	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-03	**Date Collected**	: 12/18/20 09:41
Client ID	: MW-3	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 00:53
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N19	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-04	**Date Collected**	: 12/18/20 10:46
Client ID	: MW-4	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 01:16
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N20	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-04	**Date Collected**	: 12/18/20 10:46
Client ID	: MW-4	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 01:16
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N20	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-04	**Date Collected**	: 12/18/20 10:46
Client ID	: MW-4	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 01:16
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N20	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-04	**Date Collected**	: 12/18/20 10:46
Client ID	: MW-4	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 01:16
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N20	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-05	**Date Collected**	: 12/18/20 11:51
Client ID	: MW-5	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 01:40
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N21	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	0.24	0.75	0.20	J
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-05	**Date Collected**	: 12/18/20 11:51
Client ID	: MW-5	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 01:40
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N21	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-05	**Date Collected**	: 12/18/20 11:51
Client ID	: MW-5	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 01:40
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N21	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-05	**Date Collected**	: 12/18/20 11:51
Client ID	: MW-5	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 01:40
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N21	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
007446-09-5	Sulfur dioxide	1.75	1.52	NJ
	Total TIC Compounds		1.52J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-06	**Date Collected**	: 12/18/20 10:31
Client ID	: MW-6	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 02:03
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N22	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-06	**Date Collected**	: 12/18/20 10:31
Client ID	: MW-6	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 02:03
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N22	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	26	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-06	**Date Collected**	: 12/18/20 10:31
Client ID	: MW-6	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 02:03
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N22	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-06	**Date Collected**	: 12/18/20 10:31
Client ID	: MW-6	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 02:03
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N22	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
007446-09-5	Sulfur dioxide	1.75	1.36	NJ
	Total TIC Compounds		1.36J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-07	**Date Collected**	: 12/18/20 12:00
Client ID	: FIELD BLANK	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 02:27
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N23	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-07	**Date Collected**	: 12/18/20 12:00
Client ID	: FIELD BLANK	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 02:27
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N23	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-07	**Date Collected**	: 12/18/20 12:00
Client ID	: FIELD BLANK	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 02:27
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N23	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-07	**Date Collected**	: 12/18/20 12:00
Client ID	: FIELD BLANK	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 02:27
Sample Matrix	: Field Blank	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MKS
Lab File ID	: V05201229N23	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.75	1.14	J
	Total TIC Compounds		1.14J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-08	**Date Collected**	: 12/17/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 15:27
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: V05201229A22	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-08	**Date Collected**	: 12/17/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 15:27
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: V05201229A22	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-87-3	Chloromethane	ND	2.5	0.20	U
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-08	**Date Collected**	: 12/17/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 15:27
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: V05201229A22	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.22	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-08	**Date Collected**	: 12/17/20 00:00
Client ID	: TRIP BLANK	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 15:27
Sample Matrix	: Trip Blank (aqueous)	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: V05201229A22	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 2 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
007446-09-5	Sulfur dioxide	1.75	1.24	NJ
	Total TIC Compounds		1.24J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1449844-5	**Date Collected**	: NA
Client ID	: WG1449844-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/29/20 08:25
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PD
Lab File ID	: V05201229A04	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U
74-87-3	Chloromethane	ND	2.5	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1449844-5	**Date Collected**	: NA
Client ID	: WG1449844-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/29/20 08:25
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PD
Lab File ID	: V05201229A04	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	0.44	2.5	0.23	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1449844-5	**Date Collected**	: NA
Client ID	: WG1449844-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/29/20 08:25
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PD
Lab File ID	: V05201229A04	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	0.36	2.5	0.22	J
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1449844-5	**Date Collected**	: NA
Client ID	: WG1449844-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/29/20 08:25
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: PD
Lab File ID	: V05201229A04	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1450355-5	**Date Collected**	: NA
Client ID	: WG1450355-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/29/20 19:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: V05201229N06	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.35	U
123-91-1	1,4-Dioxane	ND	250	61.	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.19	U
75-09-2	Methylene chloride	ND	2.5	0.68	U
75-34-3	1,1-Dichloroethane	ND	0.75	0.21	U
67-66-3	Chloroform	ND	0.75	0.22	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	0.75	0.14	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	0.50	0.18	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.16	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.16	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	0.75	0.20	U
100-41-4	Ethylbenzene	ND	0.50	0.17	U
74-87-3	Chloromethane	ND	2.5	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L2056917
Project Name	: PISTOIA TIRE CO	Project Number	: 0064-5
Lab ID	: WG1450355-5	Date Collected	: NA
Client ID	: WG1450355-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/20 19:49
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V05201229N06	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
74-83-9	Bromomethane	ND	1.0	0.26	U
75-01-4	Vinyl chloride	ND	0.20	0.07	U
75-00-3	Chloroethane	ND	1.0	0.13	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U
156-60-5	trans-1,2-Dichloroethene	ND	0.75	0.16	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.19	U
1634-04-4	Methyl tert butyl ether	ND	1.0	0.17	U
179601-23-1	p/m-Xylene	ND	1.0	0.33	U
95-47-6	o-Xylene	ND	1.0	0.39	U
1330-20-7	Xylenes, Total	ND	1.0	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	0.50	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	0.50	0.16	U
100-42-5	Styrene	ND	1.0	0.36	U
75-71-8	Dichlorodifluoromethane	ND	5.0	0.24	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	0.30	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	0.42	U
591-78-6	2-Hexanone	ND	5.0	0.52	U
74-97-5	Bromochloromethane	ND	2.5	0.15	U
98-82-8	Isopropylbenzene	ND	0.50	0.19	U
87-61-6	1,2,3-Trichlorobenzene	0.71	2.5	0.23	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1450355-5	**Date Collected**	: NA
Client ID	: WG1450355-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/29/20 19:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: V05201229N06	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	0.44	2.5	0.22	J
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U
76-13-1	Freon-113	ND	2.5	0.15	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1450355-5	**Date Collected**	: NA
Client ID	: WG1450355-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/29/20 19:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: LAC
Lab File ID	: V05201229N06	**Instrument ID**	: VOA105
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: VOA105	**Analysis Date**	: 11/10/20 16:22
Tune Standard	: WG1432946-1	**Tune File ID**	: V051110NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21
75	30.0 - 60.0% of mass 95	48.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.9 (1.1)1
174	Greater than 50.0 of mass 95	89
175	5.0 - 9.0% of mass 174	6.7 (7.6)1
176	95.0 - 101% of mass 174	87.1 (97.8)1
177	5.0 - 9.0% of mass 176	5.6 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STDL0.19PP	R1371358-1	V05201110N03	11/10/20 17:29
STDL0.5PPB	R1371358-2	V05201110N05	11/10/20 18:16
STDL2PPB	R1371358-3	V05201110N07	11/10/20 19:02
STDL10PPB	R1371358-4	V05201110N08	11/10/20 19:25
STDL30PPB	R1371358-5	V05201110N09	11/10/20 19:48
STDL80PPB	R1371358-6	V05201110N10	11/10/20 20:12
STDL120PPB	R1371358-7	V05201110N11	11/10/20 20:35
STDL200PPB	R1371358-8	V05201110N12	11/10/20 20:58
ICV Quant Report	R1371358-9	V05201110N19	11/10/20 23:41

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: VOA105	**Analysis Date**	: 12/29/20 07:01
Tune Standard	: WG1449844-1	**Tune File ID**	: V05201229ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.9
75	30.0 - 60.0% of mass 95	47.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.7 (.8)1
174	Greater than 50.0 of mass 95	85.9
175	5.0 - 9.0% of mass 174	6.2 (7.2)1
176	95.0 - 101% of mass 174	82.9 (96.5)1
177	5.0 - 9.0% of mass 176	5.4 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1449844-2CCAL	WG1449844-2	V05201229A01	12/29/20 07:15
WG1449844-3LCS	WG1449844-3	V05201229A01	12/29/20 07:15
WG1449844-4LCSD	WG1449844-4	V05201229A02	12/29/20 07:39
WG1449844-5BLANK	WG1449844-5	V05201229A04	12/29/20 08:25
TRIP BLANK	L2056917-08	V05201229A22	12/29/20 15:27
WG1449844-6MS	WG1449844-6	V05201229A25	12/29/20 16:37
WG1449844-7MSD	WG1449844-7	V05201229A26	12/29/20 17:01

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: VOA105	**Analysis Date**	: 12/29/20 17:32
Tune Standard	: WG1450355-1	**Tune File ID**	: V05201229NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	22
75	30.0 - 60.0% of mass 95	47.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.8 (.9)1
174	Greater than 50.0 of mass 95	84.5
175	5.0 - 9.0% of mass 174	6.3 (7.5)1
176	95.0 - 101% of mass 174	81.5 (96.4)1
177	5.0 - 9.0% of mass 176	5.4 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1450355-2CCAL	WG1450355-2	V05201229N03	12/29/20 18:38
WG1450355-3LCS	WG1450355-3	V05201229N03	12/29/20 18:38
WG1450355-4LCSD	WG1450355-4	V05201229N04	12/29/20 19:02
WG1450355-5BLANK	WG1450355-5	V05201229N06	12/29/20 19:49
MW-1	L2056917-01	V05201229N17	12/30/20 00:06
MW-2	L2056917-02	V05201229N18	12/30/20 00:30
MW-3	L2056917-03	V05201229N19	12/30/20 00:53
MW-4	L2056917-04	V05201229N20	12/30/20 01:16
MW-5	L2056917-05	V05201229N21	12/30/20 01:40
MW-6	L2056917-06	V05201229N22	12/30/20 02:03
FIELD BLANK	L2056917-07	V05201229N23	12/30/20 02:27

Blank Results Summary

Method Blank Summary
Form 4
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab Sample ID	: WG1449844-5	**Lab File ID**	: V05201229A04
Instrument ID	: VOA105		
Matrix	: WATER	**Analysis Date**	: 12/29/20 08:25

Client Sample No.	Lab Sample ID	Analysis Date
WG1449844-3LCS	WG1449844-3	12/29/20 07:15
WG1449844-4LCSD	WG1449844-4	12/29/20 07:39
TRIP BLANK	L2056917-08	12/29/20 15:27
MW-19MS	WG1449844-6	12/29/20 16:37
MW-19MSD	WG1449844-7	12/29/20 17:01

Method Blank Summary
Form 4
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab Sample ID	: WG1450355-5	**Lab File ID**	: V05201229N06
Instrument ID	: VOA105		
Matrix	: WATER	**Analysis Date**	: 12/29/20 19:49

Client Sample No.	Lab Sample ID	Analysis Date
WG1450355-3LCS	WG1450355-3	12/29/20 18:38
WG1450355-4LCSD	WG1450355-4	12/29/20 19:02
MW-1	L2056917-01	12/30/20 00:06
MW-2	L2056917-02	12/30/20 00:30
MW-3	L2056917-03	12/30/20 00:53
MW-4	L2056917-04	12/30/20 01:16
MW-5	L2056917-05	12/30/20 01:40
MW-6	L2056917-06	12/30/20 02:03
FIELD BLANK	L2056917-07	12/30/20 02:27

Standards Data Summary

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2056917**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL17339**
Calibration dates	**: 11/10/20 17:29 11/10/20 20:58**		

Calibration Files

L11 =V05201110N03.d L1 =V05201110N05.d L2 =V05201110N07.d L3 =V05201110N08.d L4 =V05201110N09.d

L6 =V05201110N10.d L8 =V05201110N11.d L10 =V05201110N12.d

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.212	0.254	0.252	0.260	0.272	0.267	0.266	0.255	7.94
3)	TP	Chloromethane		0.258	0.287	0.275	0.280	0.284	0.282	0.280	0.278	3.44
4)	TC	Vinyl chloride	0.204	0.232	0.254	0.256	0.263	0.273	0.273	0.272	0.254	9.62
5)	TP	Bromomethane		0.186	0.174	0.162	0.156	0.161	0.173	0.178	0.170	6.27
6)	TP	Chloroethane		0.258	0.163	0.156	0.159	0.160	0.154	0.136	*L	0.9951
7)	TP	Trichlorofluor		0.320	0.382	0.380	0.382	0.390	0.382	0.382	0.374	6.43
8)	TP	Ethyl ether		0.088	0.096	0.095	0.098	0.101	0.101	0.099	0.097	4.45
10)	TC	1,1-Dichloroet		0.164	0.194	0.192	0.195	0.202	0.200	0.204	0.193	6.98
11)	TP	Carbon disulfide		0.452	0.485	0.462	0.470	0.485	0.488	0.491	0.476	3.16
12)	TP	Freon-113		0.187	0.218	0.223	0.227	0.234	0.231	0.233	0.222	7.45
13)	TP	Iodomethane		0.268	0.240	0.254	0.323	0.348	0.321	0.315	0.296	13.93
14)	TP	Acrolein			0.020	0.025	0.027	0.028	0.029	0.029	0.026#	13.40
15)	TP	Methylene chlo		0.274	0.228	0.209	0.210	0.215	0.216	0.216	0.224	10.37
17)	TP	Acetone			0.042	0.037	0.037	0.040	0.041	0.040	0.040#	5.04
18)	TP	trans-1,2-Dich		0.175	0.213	0.215	0.222	0.230	0.229	0.228	0.216	8.99
19)	TP	Methyl acetate		0.094	0.096	0.091	0.099	0.106	0.106	0.104	0.099#	5.83
20)	TP	Methyl tert butyl ether		0.419	0.448	0.455	0.473	0.494	0.500	0.491	0.468	6.32
21)	TP	tert-Butyl alc		0.009	0.010	0.010	0.011	0.012	0.012	0.012	0.011#	12.71
22)	TP	Diisopropyl ether		0.632	0.696	0.698	0.724	0.745	0.741	0.728	0.709	5.52
23)	TP	1,1-Dichloroet		0.371	0.399	0.400	0.413	0.423	0.420	0.417	0.406	4.45
24)	TP	Halothane		0.155	0.177	0.179	0.187	0.196	0.196	0.197	0.184	8.23
25)	TP	Acrylonitrile		0.032	0.047	0.047	0.050	0.053	0.055	0.054	0.048#	16.04
26)	TP	Ethyl tert-but		0.530	0.590	0.612	0.643	0.674	0.676	0.669	0.628	8.66
27)	TP	Vinyl acetate		0.381	0.375	0.383	0.412	0.434	0.449	0.425	0.408	7.21
28)	TP	cis-1,2-Dichlo		0.223	0.242	0.240	0.242	0.250	0.249	0.250	0.242	3.98
29)	TP	2,2-Dichloropr		0.291	0.324	0.333	0.348	0.364	0.358	0.357	0.339	7.51
30)	TP	Bromochloromet		0.090	0.102	0.110	0.117	0.118	0.113	0.110	0.109	8.87
31)	TP	Cyclohexane		0.356	0.430	0.425	0.434	0.453	0.445	0.444	0.427	7.66
32)	TC	Chloroform		0.355	0.386	0.379	0.397	0.408	0.404	0.404	0.390	4.84
33)	TP	Ethyl acetate		0.134	0.140	0.137	0.147	0.158	0.161	0.157	0.148	7.44
34)	TP	Carbon tetrachloride	0.253	0.274	0.320	0.327	0.345	0.368	0.362	0.365	0.327	13.20
35)	TP	Tetrahydrofuran		0.049	0.047	0.039	0.042	0.042	0.043	0.042	0.043#	7.95
36)	S	Dibromofluoromethane	0.266	0.266	0.268	0.265	0.261	0.266	0.266	0.268	0.266	0.80
37)	TP	1,1,1-Trichlor		0.331	0.368	0.368	0.388	0.401	0.396	0.396	0.378	6.55
39)	TP	2-Butanone		0.065	0.074	0.055	0.061	0.065	0.065	0.063	0.064#	8.70

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2056917**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL17339**
Calibration dates	**: 11/10/20 17:29 11/10/20 20:58**		

Calibration Files
L11 =V05201110N03.d L1 =V05201110N05.d L2 =V05201110N07.d L3 =V05201110N08.d L4 =V05201110N09.d
L6 =V05201110N10.d L8 =V05201110N11.d L10 =V05201110N12.d

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40)	TP	1,1-Dichloropr		0.252	0.292	0.296	0.309	0.319	0.315	0.315	0.300	7.79
41)	TP	Benzene	0.732	0.738	0.839	0.829	0.865	0.892	0.882	0.871	0.831	7.58
42)	TP	Tertiary-Amyl Methyl Ether		0.424	0.467	0.479	0.511	0.540	0.544	0.539	0.501	9.06
43)	S	1,2-Dichloroethane-d4	0.293	0.295	0.301	0.303	0.282	0.296	0.301	0.299	0.296	2.30
44)	TP	1,2-Dichloroet		0.262	0.275	0.278	0.289	0.295	0.293	0.291	0.283	4.27
47)	TP	Methyl cyclohe		0.341	0.407	0.418	0.433	0.448	0.443	0.445	0.419	9.04
48)	TP	Trichloroethene	0.221	0.215	0.241	0.239	0.251	0.258	0.256	0.257	0.242	6.84
50)	TP	Dibromomethane		0.105	0.119	0.123	0.129	0.135	0.136	0.135	0.126	9.16
51)	TC	1,2-Dichloropr		0.183	0.215	0.217	0.227	0.232	0.230	0.230	0.219	7.81
53)	TP	2-Chloroethyl		0.083	0.104	0.114	0.119	0.121	0.121	0.120	0.112	12.59
54)	TP	Bromodichlorom		0.247	0.268	0.282	0.300	0.312	0.313	0.319	0.292	9.26
57)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	6.73
58)	TP	cis-1,3-Dichlo		0.266	0.316	0.332	0.358	0.373	0.373	0.371	0.341	11.69
59)	I	Chlorobenzene-d5	----------ISTD----------									
60)	S	Toluene-d8	1.203	1.182	1.222	1.216	1.200	1.185	1.186	1.184	1.197	1.32
61)	TC	Toluene		0.583	0.672	0.670	0.702	0.711	0.701	0.695	0.676	6.50
62)	TP	4-Methyl-2-pen		0.044	0.055	0.063	0.068	0.071	0.071	0.069	0.063#	16.12
63)	TP	Tetrachloroethene		0.313	0.360	0.372	0.391	0.398	0.391	0.391	0.374	8.02
65)	TP	trans-1,3-Dich		0.289	0.324	0.356	0.385	0.397	0.399	0.396	0.364	11.76
67)	TP	Ethyl methacry		0.198	0.233	0.257	0.276	0.289	0.291	0.287	0.262	13.37
68)	TP	1,1,2-Trichlor		0.143	0.162	0.173	0.180	0.181	0.181	0.179	0.171	8.27
69)	TP	Chlorodibromom		0.203	0.235	0.272	0.305	0.318	0.323	0.324	0.283	16.92
70)	TP	1,3-Dichloropr		0.325	0.341	0.355	0.371	0.373	0.373	0.370	0.358	5.34
71)	TP	1,2-Dibromoethane		0.171	0.198	0.210	0.222	0.226	0.228	0.224	0.211	9.79
72)	TP	2-Hexanone		0.096	0.112	0.116	0.120	0.128	0.129	0.126	0.118	9.92
73)	TP	Chlorobenzene		0.668	0.755	0.755	0.806	0.816	0.804	0.796	0.771	6.73
74)	TC	Ethylbenzene		1.207	1.313	1.324	1.387	1.394	1.362	1.318	1.329	4.75
75)	TP	1,1,1,2-Tetrac		0.238	0.263	0.276	0.300	0.309	0.307	0.307	0.286	9.59
76)	TP	p/m Xylene		0.445	0.518	0.534	0.558	0.561	0.547	0.525	0.527	7.48
77)	TP	o Xylene		0.418	0.470	0.485	0.513	0.515	0.507	0.488	0.485	6.99
78)	TP	Styrene		0.651	0.751	0.804	0.867	0.865	0.839	0.784	0.794	9.58
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80)	TP	Bromoform		0.212	0.265	0.294	0.335	0.362	0.366	0.366	0.314	18.92
82)	TP	Isopropylbenzene		2.193	2.415	2.470	2.554	2.539	2.467	2.367	2.429	5.06
83)	S	4-Bromofluorobenzene	0.885	0.886	0.880	0.872	0.855	0.859	0.846	0.849	0.867	1.86
84)	TP	Bromobenzene		0.563	0.614	0.619	0.649	0.659	0.653	0.654	0.630	5.48

Initial Calibration Summary
Form 6
Volatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2056917**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: VOA105**	**Ical Ref**	**: ICAL17339**
Calibration dates	**: 11/10/20 17:29 11/10/20 20:58**		

Calibration Files
L11 =V05201110N03.d L1 =V05201110N05.d L2 =V05201110N07.d L3 =V05201110N08.d L4 =V05201110N09.d
L6 =V05201110N10.d L8 =V05201110N11.d L10 =V05201110N12.d

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP	n-Propylbenzene		2.550	2.813	2.833	2.949	2.934	2.819	2.667	2.795	5.10
86) TP	1,4-Dichlorobu		0.597	0.632	0.634	0.645	0.659	0.652	0.637	0.637	3.15
87) TP	1,1,2,2-Tetrac		0.377	0.378	0.384	0.395	0.400	0.405	0.394	0.390	2.79
88) TP	4-Ethyltoluene		2.085	2.246	2.315	2.396	2.402	2.341	2.249	2.291	4.81
89) TP	2-Chlorotoluene		1.539	1.601	1.611	1.674	1.674	1.646	1.555	1.614	3.35
90) TP	1,3,5-Trimethy		1.799	1.981	2.045	2.101	2.101	2.047	1.968	2.006	5.24
91) TP	1,2,3-Trichlor		0.343	0.326	0.328	0.330	0.343	0.340	0.326	0.334	2.32
92) TP	trans-1,4-Dich		0.090	0.119	0.124	0.133	0.129	0.134	0.133	0.123	12.79
93) TP	4-Chlorotoluene		1.501	1.687	1.651	1.707	1.724	1.700	1.669	1.663	4.54
94) TP	tert-Butylbenzene		1.653	1.792	1.830	1.883	1.892	1.846	1.800	1.814	4.44
97) TP	1,2,4-Trimethy		1.764	1.883	1.956	2.022	2.043	1.994	1.928	1.942	4.92
98) TP	sec-Butylbenzene		2.045	2.266	2.318	2.410	2.439	2.361	2.274	2.302	5.67
99) TP	p-Isopropyltol		1.922	2.132	2.231	2.311	2.315	2.245	2.154	2.187	6.23
100) TP	1,3-Dichlorobe		0.988	1.114	1.130	1.188	1.206	1.189	1.175	1.141	6.61
101) TP	1,4-Dichlorobe		1.060	1.128	1.134	1.183	1.201	1.187	1.173	1.152	4.26
102) TP	p-Diethylbenzene		1.064	1.178	1.246	1.309	1.346	1.317	1.302	1.252	7.96
103) TP	n-Butylbenzene		1.607	1.767	1.800	1.882	1.927	1.893	1.837	1.816	5.92
104) TP	1,2-Dichlorobe		0.935	0.983	1.015	1.064	1.082	1.064	1.051	1.028	5.16
105) TP	1,2,4,5-Tetram		1.433	1.623	1.743	1.869	1.911	1.856	1.779	1.745	9.61
106) TP	1,2-Dibromo-3-		0.041	0.053	0.060	0.065	0.071	0.073	0.072	0.062	19.39
107) TP	1,3,5-Trichlor		0.657	0.730	0.755	0.806	0.824	0.808	0.799	0.769	7.73
108) TP	Hexachlorobuta		0.289	0.300	0.309	0.330	0.344	0.343	0.353	0.324	7.69
109) TP	1,2,4-Trichlor		0.567	0.626	0.626	0.666	0.687	0.682	0.667	0.646	6.59
110) TP	Naphthalene		1.096	1.057	1.077	1.121	1.165	1.174	1.124	1.116	3.87
111) TP	1,2,3-Trichlor		0.468	0.487	0.494	0.521	0.535	0.539	0.522	0.509	5.25

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: VOA105	**Calibration Date**	: 12/29/20 07:15		
Lab File ID	: V05201229A01	**Init. Calib. Date(s)**	: 11/10/20	11/10/20	
Sample No	: WG1449844-2	**Init. Calib. Times**	: 17:29	20:58	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	77	-.01
Dichlorodifluoromethane	0.255	0.256	-	-0.4	20	78	0
Chloromethane	0.278	0.331	-	-19.1	20	93	0
Vinyl chloride	0.254	0.309	-	-21.7*	20	93	0
Bromomethane	0.17	0.127	-	25.3*	20	60	0
Chloroethane	10	12.367	-	-23.7*	20	93	0
Trichlorofluoromethane	0.374	0.376	-	-0.5	20	76	0
Ethyl ether	0.097	0.101	-	-4.1	20	82	0
1,1-Dichloroethene	0.193	0.221	-	-14.5	20	89	0
Carbon disulfide	0.476	0.479	-	-0.6	20	80	0
Freon-113	0.222	0.25	-	-12.6	20	87	-.01
Acrolein	0.026	0.029*	-	-11.5	20	92	0
Methylene chloride	0.224	0.235	-	-4.9	20	87	0
Acetone	0.04	0.045*	-	-12.5	20	95	0
trans-1,2-Dichloroethene	0.216	0.248	-	-14.8	20	89	0
Methyl acetate	0.099	0.116	-	-17.2	20	99	0
Methyl tert-butyl ether	0.468	0.495	-	-5.8	20	84	0
tert-Butyl alcohol	0.011	0.011*	-	0	20	87	0
Diisopropyl ether	0.709	0.901	-	-27.1*	20	100	0
1,1-Dichloroethane	0.406	0.487	-	-20	20	94	0
Halothane	0.184	0.202	-	-9.8	20	87	0
Acrylonitrile	0.048	0.058	-	-20.8*	20	95	0
Ethyl tert-butyl ether	0.628	0.726	-	-15.6	20	92	0
Vinyl acetate	0.408	0.542	-	-32.8*	20	109	-.01
cis-1,2-Dichloroethene	0.242	0.274	-	-13.2	20	88	0
2,2-Dichloropropane	0.339	0.387	-	-14.2	20	90	0
Bromochloromethane	0.109	0.128	-	-17.4	20	90	0
Cyclohexane	0.427	0.519	-	-21.5*	20	94	0
Chloroform	0.39	0.427	-	-9.5	20	87	0
Ethyl acetate	0.148	0.177	-	-19.6	20	100	0
Carbon tetrachloride	0.327	0.356	-	-8.9	20	84	-.01
Tetrahydrofuran	0.043	0.051	-	-18.6	20	101	0
Dibromofluoromethane	0.266	0.273	-	-2.6	20	80	0
1,1,1-Trichloroethane	0.378	0.406	-	-7.4	20	85	0
2-Butanone	0.064	0.07*	-	-9.4	20	98	-.01
1,1-Dichloropropene	0.3	0.339	-	-13	20	89	-.01
Benzene	0.831	0.96	-	-15.5	20	89	0
tert-Amyl methyl ether	0.501	0.521	-	-4	20	84	0
1,2-Dichloroethane-d4	0.296	0.312	-	-5.4	20	80	0
1,2-Dichloroethane	0.283	0.315	-	-11.3	20	88	0
Methyl cyclohexane	0.419	0.444	-	-6	20	82	0
Trichloroethene	0.242	0.263	-	-8.7	20	85	0
Dibromomethane	0.126	0.131	-	-4	20	82	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: VOA105	**Calibration Date**	: 12/29/20 07:15		
Lab File ID	: V05201229A01	**Init. Calib. Date(s)**	: 11/10/20	11/10/20	
Sample No	: WG1449844-2	**Init. Calib. Times**	: 17:29	20:58	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.219	0.26	-	-18.7	20	93	0
Bromodichloromethane	0.292	0.31	-	-6.2	20	85	0
1,4-Dioxane	0.00127	0.00133*	-	-4.7	20	87	0
cis-1,3-Dichloropropene	0.341	0.364	-	-6.7	20	85	-.01
Chlorobenzene-d5	1	1	-	0	20	76	0
Toluene-d8	1.197	1.285	-	-7.4	20	80	0
Toluene	0.676	0.765	-	-13.2	20	87	0
4-Methyl-2-pentanone	0.063	0.07*	-	-11.1	20	84	0
Tetrachloroethene	0.374	0.394	-	-5.3	20	80	0
trans-1,3-Dichloropropene	0.364	0.386	-	-6	20	82	-.01
Ethyl methacrylate	0.262	0.273	-	-4.2	20	81	-.01
1,1,2-Trichloroethane	0.171	0.192	-	-12.3	20	84	0
Chlorodibromomethane	0.283	0.3	-	-6	20	84	0
1,3-Dichloropropane	0.358	0.406	-	-13.4	20	87	0
1,2-Dibromoethane	0.211	0.222	-	-5.2	20	81	0
2-Hexanone	0.118	0.129	-	-9.3	20	84	0
Chlorobenzene	0.771	0.867	-	-12.5	20	87	0
Ethylbenzene	1.329	1.468	-	-10.5	20	84	0
1,1,1,2-Tetrachloroethane	0.286	0.304	-	-6.3	20	84	0
p/m Xylene	0.527	0.592	-	-12.3	20	84	0
o Xylene	0.485	0.535	-	-10.3	20	84	0
Styrene	0.794	0.884	-	-11.3	20	84	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	72	0
Bromoform	0.314	0.319	-	-1.6	20	78	-.01
Isopropylbenzene	2.429	2.786	-	-14.7	20	81	0
4-Bromofluorobenzene	0.867	0.933	-	-7.6	20	77	-.01
Bromobenzene	0.63	0.688	-	-9.2	20	80	0
n-Propylbenzene	2.795	3.245	-	-16.1	20	82	-.01
1,4-Dichlorobutane	0.637	0.778	-	-22.1*	20	88	0
1,1,2,2-Tetrachloroethane	0.39	0.445	-	-14.1	20	83	0
4-Ethyltoluene	2.291	2.635	-	-15	20	82	0
2-Chlorotoluene	1.614	1.876	-	-16.2	20	84	0
1,3,5-Trimethylbenzene	2.006	2.276	-	-13.5	20	80	0
1,2,3-Trichloropropane	0.334	0.378	-	-13.2	20	83	-.01
trans-1,4-Dichloro-2-buten	0.123	0.12	-	2.4	20	70	0
4-Chlorotoluene	1.663	1.942	-	-16.8	20	85	0
tert-Butylbenzene	1.814	2.006	-	-10.6	20	79	0
1,2,4-Trimethylbenzene	1.942	2.216	-	-14.1	20	81	0
sec-Butylbenzene	2.302	2.58	-	-12.1	20	80	0
p-Isopropyltoluene	2.187	2.412	-	-10.3	20	78	-.01
1,3-Dichlorobenzene	1.141	1.269	-	-11.2	20	81	0
1,4-Dichlorobenzene	1.152	1.274	-	-10.6	20	81	0
p-Diethylbenzene	1.252	1.333	-	-6.5	20	77	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2056917	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: VOA105		**Calibration Date**	: 12/29/20 07:15	
Lab File ID	: V05201229A01		**Init. Calib. Date(s)**	: 11/10/20	11/10/20
Sample No	: WG1449844-2		**Init. Calib. Times**	: 17:29	20:58
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.816	2.003	-	-10.3	20	80	0
1,2-Dichlorobenzene	1.028	1.123	-	-9.2	20	79	0
1,2,4,5-Tetramethylbenzene	1.745	1.775	-	-1.7	20	73	0
1,2-Dibromo-3-chloropropan	0.062	0.059	-	4.8	20	71	0
1,3,5-Trichlorobenzene	0.769	0.766	-	0.4	20	73	-.01
Hexachlorobutadiene	0.324	0.311	-	4	20	73	0
1,2,4-Trichlorobenzene	0.646	0.627	-	2.9	20	72	0
Naphthalene	1.116	0.991	-	11.2	20	66	0
1,2,3-Trichlorobenzene	0.509	0.441	-	13.4	20	64	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: VOA105	**Calibration Date**	: 12/29/20 18:38		
Lab File ID	: V05201229N03	**Init. Calib. Date(s)**	: 11/10/20	11/10/20	
Sample No	: WG1450355-2	**Init. Calib. Times**	: 17:29	20:58	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	80	-.01
Dichlorodifluoromethane	0.255	0.212	-	16.9	20	67	0
Chloromethane	0.278	0.314	-	-12.9	20	91	0
Vinyl chloride	0.254	0.274	-	-7.9	20	86	0
Bromomethane	0.17	0.117	-	31.2*	20	58	0
Chloroethane	10	10.641	-	-6.4	20	83	0
Trichlorofluoromethane	0.374	0.328	-	12.3	20	69	0
Ethyl ether	0.097	0.097	-	0	20	82	0
1,1-Dichloroethene	0.193	0.203	-	-5.2	20	85	0
Carbon disulfide	0.476	0.431	-	9.5	20	74	0
Freon-113	0.222	0.226	-	-1.8	20	81	0
Acrolein	0.026	0.031*	-	-19.2	20	101	0
Methylene chloride	0.224	0.221	-	1.3	20	85	0
Acetone	0.04	0.045*	-	-12.5	20	98	0
trans-1,2-Dichloroethene	0.216	0.229	-	-6	20	85	0
Methyl acetate	0.099	0.122	-	-23.2*	20	107	0
Methyl tert-butyl ether	0.468	0.496	-	-6	20	87	0
tert-Butyl alcohol	0.011	0.014*	-	-27.3*	20	111	0
Diisopropyl ether	0.709	0.86	-	-21.3*	20	99	0
1,1-Dichloroethane	0.406	0.453	-	-11.6	20	91	0
Halothane	0.184	0.185	-	-0.5	20	83	0
Acrylonitrile	0.048	0.061	-	-27.1*	20	104	0
Ethyl tert-butyl ether	0.628	0.708	-	-12.7	20	92	0
Vinyl acetate	0.408	0.476	-	-16.7	20	99	-.01
cis-1,2-Dichloroethene	0.242	0.257	-	-6.2	20	85	0
2,2-Dichloropropane	0.339	0.349	-	-2.9	20	84	0
Bromochloromethane	0.109	0.12	-	-10.1	20	87	0
Cyclohexane	0.427	0.478	-	-11.9	20	90	0
Chloroform	0.39	0.395	-	-1.3	20	83	0
Ethyl acetate	0.148	0.185	-	-25*	20	108	0
Carbon tetrachloride	0.327	0.325	-	0.6	20	79	-.01
Tetrahydrofuran	0.043	0.053	-	-23.3*	20	109	0
Dibromofluoromethane	0.266	0.269	-	-1.1	20	81	0
1,1,1-Trichloroethane	0.378	0.367	-	2.9	20	80	0
2-Butanone	0.064	0.074*	-	-15.6	20	108	-.01
1,1-Dichloropropene	0.3	0.309	-	-3	20	83	0
Benzene	0.831	0.893	-	-7.5	20	86	0
tert-Amyl methyl ether	0.501	0.522	-	-4.2	20	87	0
1,2-Dichloroethane-d4	0.296	0.312	-	-5.4	20	82	-.01
1,2-Dichloroethane	0.283	0.296	-	-4.6	20	85	0
Methyl cyclohexane	0.419	0.425	-	-1.4	20	81	0
Trichloroethene	0.242	0.243	-	-0.4	20	81	0
Dibromomethane	0.126	0.128	-	-1.6	20	83	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: VOA105	**Calibration Date**	: 12/29/20 18:38		
Lab File ID	: V05201229N03	**Init. Calib. Date(s)**	: 11/10/20	11/10/20	
Sample No	: WG1450355-2	**Init. Calib. Times**	: 17:29	20:58	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.219	0.245	-	-11.9	20	90	0
Bromodichloromethane	0.292	0.293	-	-0.3	20	83	0
1,4-Dioxane	0.00127	0.00128*	-	-0.8	20	86	0
cis-1,3-Dichloropropene	0.341	0.344	-	-0.9	20	83	0
Chlorobenzene-d5	1	1	-	0	20	79	0
Toluene-d8	1.197	1.278	-	-6.8	20	83	0
Toluene	0.676	0.716	-	-5.9	20	84	0
4-Methyl-2-pentanone	0.063	0.081*	-	-28.6*	20	100	0
Tetrachloroethene	0.374	0.368	-	1.6	20	78	0
trans-1,3-Dichloropropene	0.364	0.375	-	-3	20	83	-.01
Ethyl methacrylate	0.262	0.298	-	-13.7	20	91	-.01
1,1,2-Trichloroethane	0.171	0.188	-	-9.9	20	85	0
Chlorodibromomethane	0.283	0.294	-	-3.9	20	85	0
1,3-Dichloropropane	0.358	0.401	-	-12	20	89	0
1,2-Dibromoethane	0.211	0.222	-	-5.2	20	83	0
2-Hexanone	0.118	0.152	-	-28.8*	20	103	0
Chlorobenzene	0.771	0.827	-	-7.3	20	86	0
Ethylbenzene	1.329	1.389	-	-4.5	20	82	0
1,1,1,2-Tetrachloroethane	0.286	0.289	-	-1	20	82	0
p/m Xylene	0.527	0.561	-	-6.5	20	83	0
o Xylene	0.485	0.512	-	-5.6	20	83	0
Styrene	0.794	0.846	-	-6.5	20	83	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	74	0
Bromoform	0.314	0.32	-	-1.9	20	81	-.01
Isopropylbenzene	2.429	2.675	-	-10.1	20	81	0
4-Bromofluorobenzene	0.867	0.939	-	-8.3	20	80	-.01
Bromobenzene	0.63	0.676	-	-7.3	20	81	0
n-Propylbenzene	2.795	3.14	-	-12.3	20	82	-.01
1,4-Dichlorobutane	0.637	0.801	-	-25.7*	20	94	0
1,1,2,2-Tetrachloroethane	0.39	0.461	-	-18.2	20	89	0
4-Ethyltoluene	2.291	2.579	-	-12.6	20	83	0
2-Chlorotoluene	1.614	1.795	-	-11.2	20	83	0
1,3,5-Trimethylbenzene	2.006	2.23	-	-11.2	20	81	0
1,2,3-Trichloropropane	0.334	0.387	-	-15.9	20	88	-.01
trans-1,4-Dichloro-2-buten	0.123	0.123	-	0	20	74	0
4-Chlorotoluene	1.663	1.88	-	-13	20	85	0
tert-Butylbenzene	1.814	1.982	-	-9.3	20	81	-.01
1,2,4-Trimethylbenzene	1.942	2.162	-	-11.3	20	82	0
sec-Butylbenzene	2.302	2.581	-	-12.1	20	83	0
p-Isopropyltoluene	2.187	2.45	-	-12	20	82	0
1,3-Dichlorobenzene	1.141	1.254	-	-9.9	20	83	0
1,4-Dichlorobenzene	1.152	1.267	-	-10	20	83	0
p-Diethylbenzene	1.252	1.397	-	-11.6	20	83	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2056917	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: VOA105		**Calibration Date**	: 12/29/20 18:38	
Lab File ID	: V05201229N03		**Init. Calib. Date(s)**	: 11/10/20	11/10/20
Sample No	: WG1450355-2		**Init. Calib. Times**	: 17:29	20:58
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.816	2.106	-	-16	20	87	0
1,2-Dichlorobenzene	1.028	1.143	-	-11.2	20	84	0
1,2,4,5-Tetramethylbenzene	1.745	2.024	-	-16	20	86	0
1,2-Dibromo-3-chloropropan	0.062	0.076	-	-22.6*	20	94	0
1,3,5-Trichlorobenzene	0.769	0.88	-	-14.4	20	87	-.01
Hexachlorobutadiene	0.324	0.377	-	-16.4	20	91	0
1,2,4-Trichlorobenzene	0.646	0.81	-	-25.4*	20	96	0
Naphthalene	1.116	1.647	-	-47.6*	20	114	0
1,2,3-Trichlorobenzene	0.509	0.72	-	-41.5*	20	109	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Lisko Environmental, LLC
Project Name: PISTOIA TIRE CO

Lab Number: L2056917
Project Number: 0064-5
Matrix: Trip Blank (Aqueous)/Water/Field Blank

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-1 (L2056917-01)	105	105	104	102	0
MW-2 (L2056917-02)	105	103	106	103	0
MW-3 (L2056917-03)	106	103	105	103	0
MW-4 (L2056917-04)	105	105	105	102	0
MW-5 (L2056917-05)	105	104	108	102	0
MW-6 (L2056917-06)	106	105	104	104	0
FIELD BLANK (L2056917-07)	106	104	106	102	0
TRIP BLANK (L2056917-08)	105	103	106	102	0
WG1449844-3LCS	105	107	108	103	0
WG1449844-4LCSD	107	107	107	102	0
WG1449844-5BLANK	104	105	106	101	0
MW-19MS	107	106	105	103	0
MW-19MSD	108	106	106	103	0
WG1450355-3LCS	105	107	108	101	0
WG1450355-4LCSD	107	106	109	103	0
WG1450355-5BLANK	103	104	107	102	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

FORM II NJ-8260

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1449844-3	**Analysis Date** : 12/29/20 07:15	**File ID** : V05201229A01
LCSD Sample ID	: WG1449844-4	**Analysis Date** : 12/29/20 07:39	**File ID** : V05201229A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dibromo-3-chloropropane	10	9.5	95	10	10	100	5	40-160	20
1,4-Dioxane	500	520	104	500	570	114	9	40-160	20
1,2-Dibromoethane	10	10	100	10	11	110	10	70-130	20
Methylene chloride	10	10	100	10	10	100	0	70-130	20
1,1-Dichloroethane	10	12	120	10	12	120	0	70-130	20
Chloroform	10	11	110	10	11	110	0	70-130	20
Carbon tetrachloride	10	11	110	10	11	110	0	70-130	20
1,2-Dichloropropane	10	12	120	10	12	120	0	70-130	20
Dibromochloromethane	10	10	100	10	11	110	10	70-130	20
1,1,2-Trichloroethane	10	11	110	10	12	120	9	70-130	20
Tetrachloroethene	10	10	100	10	11	110	10	70-130	20
Chlorobenzene	10	11	110	10	11	110	0	70-130	20
Trichlorofluoromethane	10	10	100	10	9.8	98	2	40-160	20
1,2-Dichloroethane	10	11	110	10	11	110	0	70-130	20
1,1,1-Trichloroethane	10	11	110	10	10	100	10	70-130	20
Bromodichloromethane	10	11	110	10	11	110	0	70-130	20
trans-1,3-Dichloropropene	10	11	110	10	11	110	0	70-130	20
cis-1,3-Dichloropropene	10	11	110	10	11	110	0	70-130	20
Bromoform	10	10	100	10	11	110	10	40-160	20
1,1,2,2-Tetrachloroethane	10	11	110	10	12	120	9	40-160	20
Benzene	10	12	120	10	12	120	0	70-130	20
Toluene	10	11	110	10	11	110	0	70-130	20
Ethylbenzene	10	11	110	10	11	110	0	70-130	20
Chloromethane	10	12	120	10	12	120	0	40-160	20
Bromomethane	10	7.5	75	10	7.1	71	5	40-160	20
Vinyl chloride	10	12	120	10	12	120	0	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1449844-3	**Analysis Date** : 12/29/20 07:15	**File ID** : V05201229A01
LCSD Sample ID	: WG1449844-4	**Analysis Date** : 12/29/20 07:39	**File ID** : V05201229A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Chloroethane	10	12	120	10	12	120	0	40-160	20
1,1-Dichloroethene	10	11	110	10	11	110	0	70-130	20
trans-1,2-Dichloroethene	10	11	110	10	11	110	0	70-130	20
Trichloroethene	10	11	110	10	11	110	0	70-130	20
1,2-Dichlorobenzene	10	11	110	10	11	110	0	70-130	20
1,3-Dichlorobenzene	10	11	110	10	11	110	0	70-130	20
1,4-Dichlorobenzene	10	11	110	10	11	110	0	70-130	20
Methyl tert butyl ether	10	10	100	10	11	110	10	70-130	20
p/m-Xylene	20	22	110	20	23	115	4	70-130	20
o-Xylene	20	22	110	20	22	110	0	70-130	20
cis-1,2-Dichloroethene	10	11	110	10	11	110	0	70-130	20
Styrene	20	22	110	20	23	115	4	40-160	20
Dichlorodifluoromethane	10	10	100	10	9.8	98	2	40-160	20
Acetone	10	11	110	10	12	120	9	40-160	20
Carbon disulfide	10	10	100	10	9.8	98	2	40-160	20
2-Butanone	10	11	110	10	12	120	9	40-160	20
4-Methyl-2-pentanone	10	11	110	10	12	120	9	40-160	20
2-Hexanone	10	11	110	10	12	120	9	40-160	20
Bromochloromethane	10	12	120	10	12	120	0	70-130	20
Isopropylbenzene	10	11	110	10	12	120	9	70-130	20
1,2,3-Trichlorobenzene	10	8.7	87	10	9.4	94	8	70-130	20
1,2,4-Trichlorobenzene	10	9.7	97	10	10	100	3	70-130	20
Methyl Acetate	10	12	120	10	12	120	0	70-130	20
Cyclohexane	10	12	120	10	12	120	0	70-130	20
Methyl cyclohexane	10	10	100	10	11	110	10	70-130	20
Freon-113	10	11	110	10	11	110	0	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1450355-3	**Analysis Date** : 12/29/20 18:38	**File ID** : V05201229N03
LCSD Sample ID	: WG1450355-4	**Analysis Date** : 12/29/20 19:02	**File ID** : V05201229N04

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dibromo-3-chloropropane	10	12	120	10	11	110	9	40-160	20
1,4-Dioxane	500	500	100	500	550	110	10	40-160	20
1,2-Dibromoethane	10	10	100	10	11	110	10	70-130	20
Methylene chloride	10	9.9	99	10	10	100	1	70-130	20
1,1-Dichloroethane	10	11	110	10	12	120	9	70-130	20
Chloroform	10	10	100	10	11	110	10	70-130	20
Carbon tetrachloride	10	9.9	99	10	10	100	1	70-130	20
1,2-Dichloropropane	10	11	110	10	12	120	9	70-130	20
Dibromochloromethane	10	10	100	10	11	110	10	70-130	20
1,1,2-Trichloroethane	10	11	110	10	12	120	9	70-130	20
Tetrachloroethene	10	9.9	99	10	10	100	1	70-130	20
Chlorobenzene	10	11	110	10	11	110	0	70-130	20
Trichlorofluoromethane	10	8.8	88	10	9.3	93	6	40-160	20
1,2-Dichloroethane	10	10	100	10	11	110	10	70-130	20
1,1,1-Trichloroethane	10	9.7	97	10	10	100	3	70-130	20
Bromodichloromethane	10	10	100	10	11	110	10	70-130	20
trans-1,3-Dichloropropene	10	10	100	10	11	110	10	70-130	20
cis-1,3-Dichloropropene	10	10	100	10	11	110	10	70-130	20
Bromoform	10	10	100	10	11	110	10	40-160	20
1,1,2,2-Tetrachloroethane	10	12	120	10	12	120	0	40-160	20
Benzene	10	11	110	10	12	120	9	70-130	20
Toluene	10	10	100	10	11	110	10	70-130	20
Ethylbenzene	10	10	100	10	11	110	10	70-130	20
Chloromethane	10	11	110	10	12	120	9	40-160	20
Bromomethane	10	6.9	69	10	6.9	69	0	40-160	20
Vinyl chloride	10	11	110	10	11	110	0	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client : Lisko Environmental, LLC **Lab Number** : L2056917
Project Name : PISTOIA TIRE CO **Project Number** : 0064-5
Matrix : WATER
LCS Sample ID : WG1450355-3 **Analysis Date** : 12/29/20 18:38 **File ID** : V05201229N03
LCSD Sample ID : WG1450355-4 **Analysis Date** : 12/29/20 19:02 **File ID** : V05201229N04

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Chloroethane	10	11	110	10	12	120	9	40-160	20
1,1-Dichloroethene	10	10	100	10	11	110	10	70-130	20
trans-1,2-Dichloroethene	10	10	100	10	11	110	10	70-130	20
Trichloroethene	10	10	100	10	11	110	10	70-130	20
1,2-Dichlorobenzene	10	11	110	10	11	110	0	70-130	20
1,3-Dichlorobenzene	10	11	110	10	11	110	0	70-130	20
1,4-Dichlorobenzene	10	11	110	10	11	110	0	70-130	20
Methyl tert butyl ether	10	10	100	10	12	120	18	70-130	20
p/m-Xylene	20	21	105	20	22	110	5	70-130	20
o-Xylene	20	21	105	20	22	110	5	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	11	110	10	70-130	20
Styrene	20	21	105	20	22	110	5	40-160	20
Dichlorodifluoromethane	10	8.3	83	10	8.9	89	7	40-160	20
Acetone	10	11	110	10	12	120	9	40-160	20
Carbon disulfide	10	9.0	90	10	9.5	95	5	40-160	20
2-Butanone	10	12	120	10	12	120	0	40-160	20
4-Methyl-2-pentanone	10	13	130	10	13	130	0	40-160	20
2-Hexanone	10	13	130	10	13	130	0	40-160	20
Bromochloromethane	10	11	110	10	12	120	9	70-130	20
Isopropylbenzene	10	11	110	10	12	120	9	70-130	20
1,2,3-Trichlorobenzene	10	14	140 Q	10	11	110	24 Q	70-130	20
1,2,4-Trichlorobenzene	10	12	120	10	11	110	9	70-130	20
Methyl Acetate	10	12	120	10	13	130	8	70-130	20
Cyclohexane	10	11	110	10	12	120	9	70-130	20
Methyl cyclohexane	10	10	100	10	11	110	10	70-130	20
Freon-113	10	10	100	10	11	110	10	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: VOA105	**Analysis Date**	: 12/29/20 07:15:00
Sample No	: WG1449844-2	**Lab File ID**	: V05201229A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1449844-2	301630	5.93	240729	9.45	128238	12.17
Upper Limit	603260	6.43	481458	9.95	256476	12.67
Lower Limit	150815	5.43	120365	8.95	64119	11.67
Sample ID						
WG1449844-3 LCS	301630	5.93	240729	9.45	128238	12.17
WG1449844-4 LCSD	300348	5.93	237834	9.45	127549	12.17
WG1449844-5 BLANK	288524	5.94	233089	9.45	120905	12.17
TRIP BLANK	283307	5.94	230468	9.45	118749	12.17
MW-19 MS	285884	5.94	231262	9.45	127148	12.16
MW-19 MSD	287908	5.94	232473	9.45	127152	12.17

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: VOA105	**Analysis Date**	: 12/29/20 18:38:00
Sample No	: WG1450355-2	**Lab File ID**	: V05201229N03

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1450355-2	312036	5.93	249232	9.45	132754	12.17
Upper Limit	624072	6.43	498464	9.95	265508	12.67
Lower Limit	156018	5.43	124616	8.95	66377	11.67
Sample ID						
WG1450355-3 LCS	312036	5.93	249232	9.45	132754	12.17
WG1450355-4 LCSD	309458	5.93	248967	9.45	133105	12.17
WG1450355-5 BLANK	299769	5.93	242859	9.45	125485	12.16
MW-1	275167	5.94	224426	9.45	118020	12.17
MW-2	274576	5.94	227871	9.45	117323	12.17
MW-3	277559	5.94	227106	9.45	118040	12.17
MW-4	277480	5.94	226260	9.45	117386	12.16
MW-5	274221	5.94	223645	9.45	113114	12.17
MW-6	273135	5.93	224246	9.45	116848	12.17
FIELD BLANK	274869	5.94	223970	9.45	115365	12.16

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229A\
Data File : V05201229A22.d
Acq On : 29 Dec 2020 3:27 pm
Operator : VOA105:LAC
Sample : 12056917-08,31,10,10,,a
Misc : WG1449844,ICAL17339
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 29 16:07:51 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229A\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229A\V05201229A01.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.939	96	283307	10.000 ug/L	0.00
Standard Area 1 = 301630			Recovery =	93.93%	
59) Chlorobenzene-d5	9.451	117	230468	10.000 ug/L	0.00
Standard Area 1 = 240729			Recovery =	95.74%	
79) 1,4-Dichlorobenzene-d4	12.165	152	118749	10.000 ug/L	0.00
Standard Area 1 = 128238			Recovery =	92.60%	
System Monitoring Compounds					
36) Dibromofluoromethane	5.137	113	77017	10.223 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.23%	
43) 1,2-Dichloroethane-d4	5.665	65	87966	10.472 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.72%	
60) Toluene-d8	7.611	98	284161	10.299 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.99%	
83) 4-Bromofluorobenzene	10.950	95	108631	10.555 ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.55%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	0.000		0	N.D. d	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D. d	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.936	76	415	N.D.	
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	

Data Path : I:\VOLATILES\VOA105\2020\201229A\
Data File : V05201229A22.d
Acq On : 29 Dec 2020 3:27 pm
Operator : VOA105:LAC
Sample : 12056917-08,31,10,10,,a
Misc : WG1449844,ICAL17339
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 29 16:07:51 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229A\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229A\V05201229A01.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0	N.D.		
39)	2-Butanone	0.000		0	N.D.	d	
41)	Benzene	0.000		0	N.D.		
44)	1,2-Dichloroethane	0.000		0	N.D.		
47)	Methyl cyclohexane	0.000		0	N.D.		
48)	Trichloroethene	0.000		0	N.D.		
51)	1,2-Dichloropropane	0.000		0	N.D.		
54)	Bromodichloromethane	0.000		0	N.D.		
57)	1,4-Dioxane	0.000		0	N.D.		
58)	cis-1,3-Dichloropropene	0.000		0	N.D.		
61)	Toluene	0.000		0	N.D.		
62)	4-Methyl-2-pentanone	0.000		0	N.D.		
63)	Tetrachloroethene	0.000		0	N.D.		
65)	trans-1,3-Dichloropropene	0.000		0	N.D.		
68)	1,1,2-Trichloroethane	0.000		0	N.D.		
69)	Chlorodibromomethane	0.000		0	N.D.		
71)	1,2-Dibromoethane	0.000		0	N.D.		
72)	2-Hexanone	0.000		0	N.D.		
73)	Chlorobenzene	0.000		0	N.D.		
74)	Ethylbenzene	0.000		0	N.D.	d	
76)	p/m Xylene	0.000		0	N.D.		
77)	o Xylene	0.000		0	N.D.		
78)	Styrene	0.000		0	N.D.		
80)	Bromoform	0.000		0	N.D.		
82)	Isopropylbenzene	0.000		0	N.D.		
87)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100)	1,3-Dichlorobenzene	0.000		0	N.D.		
101)	1,4-Dichlorobenzene	0.000		0	N.D.		
104)	1,2-Dichlorobenzene	0.000		0	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	0.000		0	N.D.		
111)	1,2,3-Trichlorobenzene	0.000		0	N.D.		

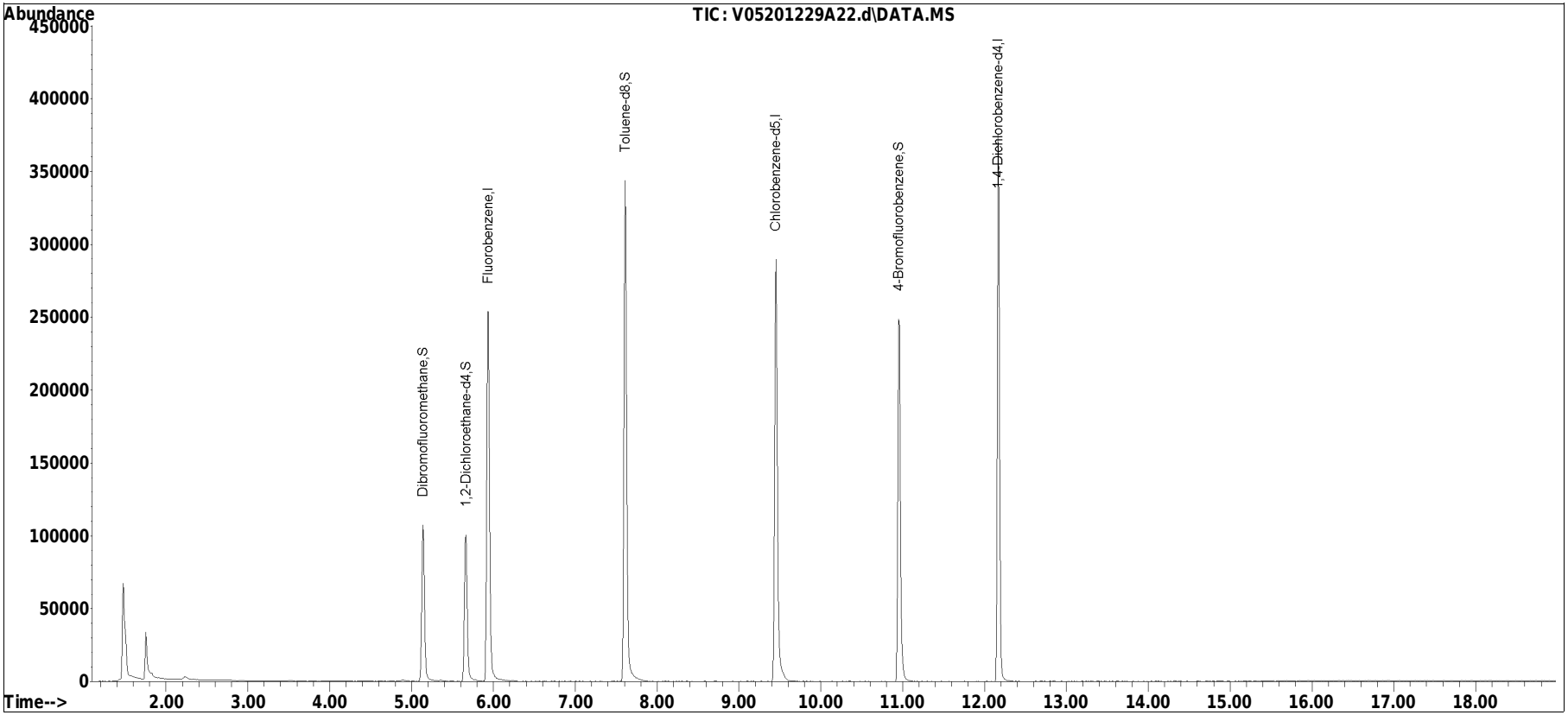
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229A\
Data File : V05201229A22.d
Acq On : 29 Dec 2020 3:27 pm
Operator : VOA105:LAC
Sample : l2056917-08,31,10,10,,a
Misc : WG1449844,ICAL17339
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 29 16:07:51 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229A\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist1229A01.d•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_201110N_8260.m
Data File	: V05201229A22.d	Operator	: VOA105:LAC
Date Inj'd	: 12/29/2020 3:27 pm	Instrument	: VOA 105
Sample	: l2056917-08,31,10,10,,a	Quant Date	: 12/29/2020 4:07 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\201229A\
Data File : V05201229A22.d
Acq On : 29 Dec 2020 3:27 pm
Operator : VOA105:LAC
Sample : 12056917-08,31,10,10,,a
Misc : WG1449844,ICAL17339
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\201229A\V105_201110N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05201229A22.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.753	65	68	87	rBV	32396	76427	9.69%	1.959%
2	5.137	407	414	433	rBV	107495	255595	32.40%	6.552%
3	5.665	461	468	485	rBV	100658	243362	30.85%	6.238%
4	5.929	489	495	518	rBV	253866	616194	78.11%	15.795%
5	7.611	660	667	696	rVB	344078	788842	100.00%	20.221%
6	9.451	845	853	878	rBB	290041	689125	87.36%	17.665%
7	10.950	1001	1006	1025	rBB	248872	542105	68.72%	13.896%
8	12.165	1125	1130	1150	rBB	375488	689453	87.40%	17.673%

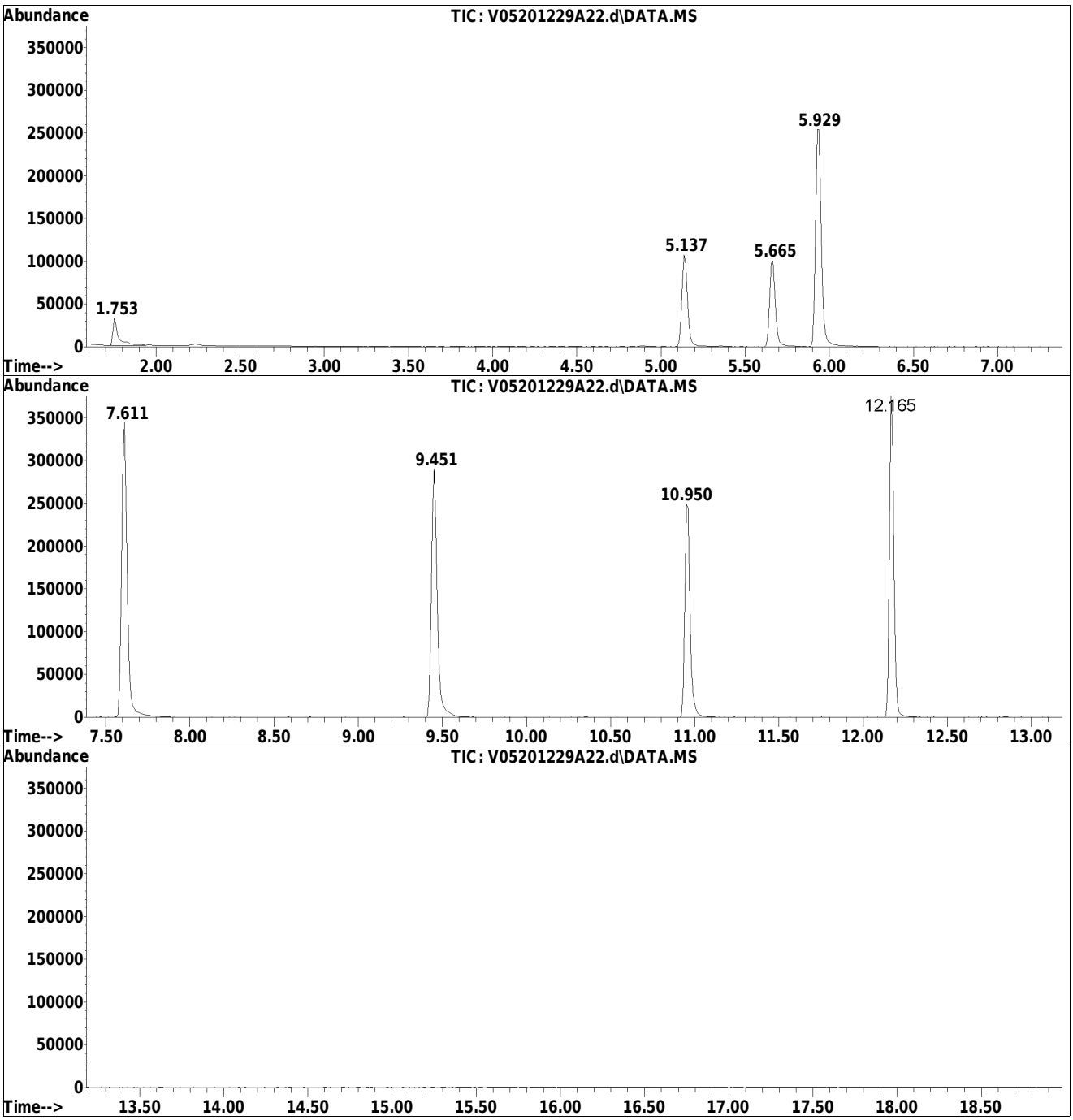
Sum of corrected areas: 3901103

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\201229A\
Data File : V05201229A22.d
Acq On : 29 Dec 2020 3:27 pm
Operator : VOA105:LAC
Sample : 12056917-08,31,10,10,,a
Misc : WG1449844,ICAL17339
ALS Vial : 22 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229A\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA105\2020\201229A\
Data File : V05201229A22.d
Acq On : 29 Dec 2020 3:27 pm
Operator : VOA105:LAC
Sample : 12056917-08,31,10,10,,a
Misc : WG1449844,ICAL17339
ALS Vial : 22 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229A\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

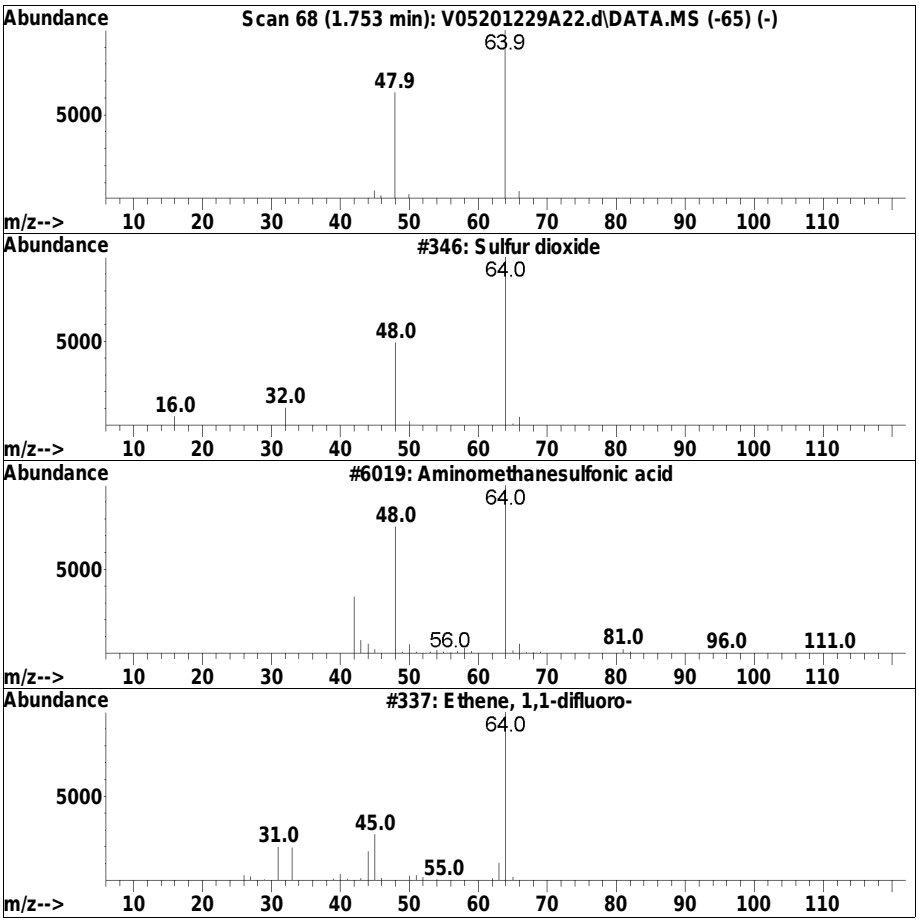
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

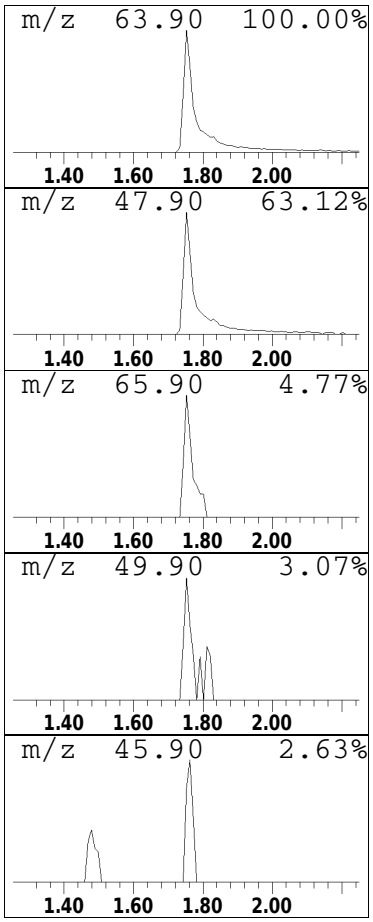
****

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.753	1.24 ug/L	76427	Fluorobenzene	5.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
3	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	3
5	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	3





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\201229A\
Data File : V05201229A22.d
Acq On : 29 Dec 2020 3:27 pm
Operator : VOA105:LAC
Sample : 12056917-08,31,10,10,,a
Misc : WG1449844,ICAL17339
ALS Vial : 22 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229A\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.753	1.2	ug/L	76427	1	5.939	616194	10.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N17.d
Acq On : 30 Dec 2020 12:06 am
Operator : VOA105:MKS
Sample : 12056917-01,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 30 08:10:25 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.939	96	275167	10.000	ug/L	0.00
Standard Area 1 = 312036			Recovery =	88.18%		
59) Chlorobenzene-d5	9.451	117	224426	10.000	ug/L	0.00
Standard Area 1 = 249232			Recovery =	90.05%		
79) 1,4-Dichlorobenzene-d4	12.165	152	118020	10.000	ug/L	0.00
Standard Area 1 = 132754			Recovery =	88.90%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.137	113	74850	10.229	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.29%		
43) 1,2-Dichloroethane-d4	5.665	65	85735	10.509	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.09%		
60) Toluene-d8	7.611	98	280974	10.458	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.58%		
83) 4-Bromofluorobenzene	10.950	95	105950	10.359	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.59%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.801	50	331	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.183	94	203	N.D.		
6) Chloroethane	2.300	64	97	Below Cal #		41
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.946	76	451	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.513	43	8517	7.835	ug/L	96
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N17.d
Acq On : 30 Dec 2020 12:06 am
Operator : VOA105:MKS
Sample : 12056917-01,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 30 08:10:25 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0	N.D.			
39)	2-Butanone	0.000		0	N.D.			
41)	Benzene	0.000		0	N.D.			
44)	1,2-Dichloroethane	0.000		0	N.D.			
47)	Methyl cyclohexane	0.000		0	N.D.			
48)	Trichloroethene	0.000		0	N.D.			
51)	1,2-Dichloropropane	0.000		0	N.D.			
54)	Bromodichloromethane	0.000		0	N.D.			
57)	1,4-Dioxane	0.000		0	N.D.			
58)	cis-1,3-Dichloropropene	0.000		0	N.D.			
61)	Toluene	0.000		0	N.D.			
62)	4-Methyl-2-pentanone	0.000		0	N.D.			
63)	Tetrachloroethene	8.110	166	1145	0.137	ug/L	#	78
65)	trans-1,3-Dichloropropene	0.000		0	N.D.			
68)	1,1,2-Trichloroethane	0.000		0	N.D.			
69)	Chlorodibromomethane	0.000		0	N.D.			
71)	1,2-Dibromoethane	0.000		0	N.D.			
72)	2-Hexanone	0.000		0	N.D.			
73)	Chlorobenzene	0.000		0	N.D.			
74)	Ethylbenzene	9.451	91	110	N.D.			
76)	p/m Xylene	0.000		0	N.D.			
77)	o Xylene	0.000		0	N.D.			
78)	Styrene	0.000		0	N.D.			
80)	Bromoform	0.000		0	N.D.			
82)	Isopropylbenzene	0.000		0	N.D.			
87)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
100)	1,3-Dichlorobenzene	0.000		0	N.D.			
101)	1,4-Dichlorobenzene	0.000		0	N.D.			
104)	1,2-Dichlorobenzene	0.000		0	N.D.			
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
109)	1,2,4-Trichlorobenzene	14.016	180	4367	0.573	ug/L	#	96
111)	1,2,3-Trichlorobenzene	14.486	180	354	N.D.			

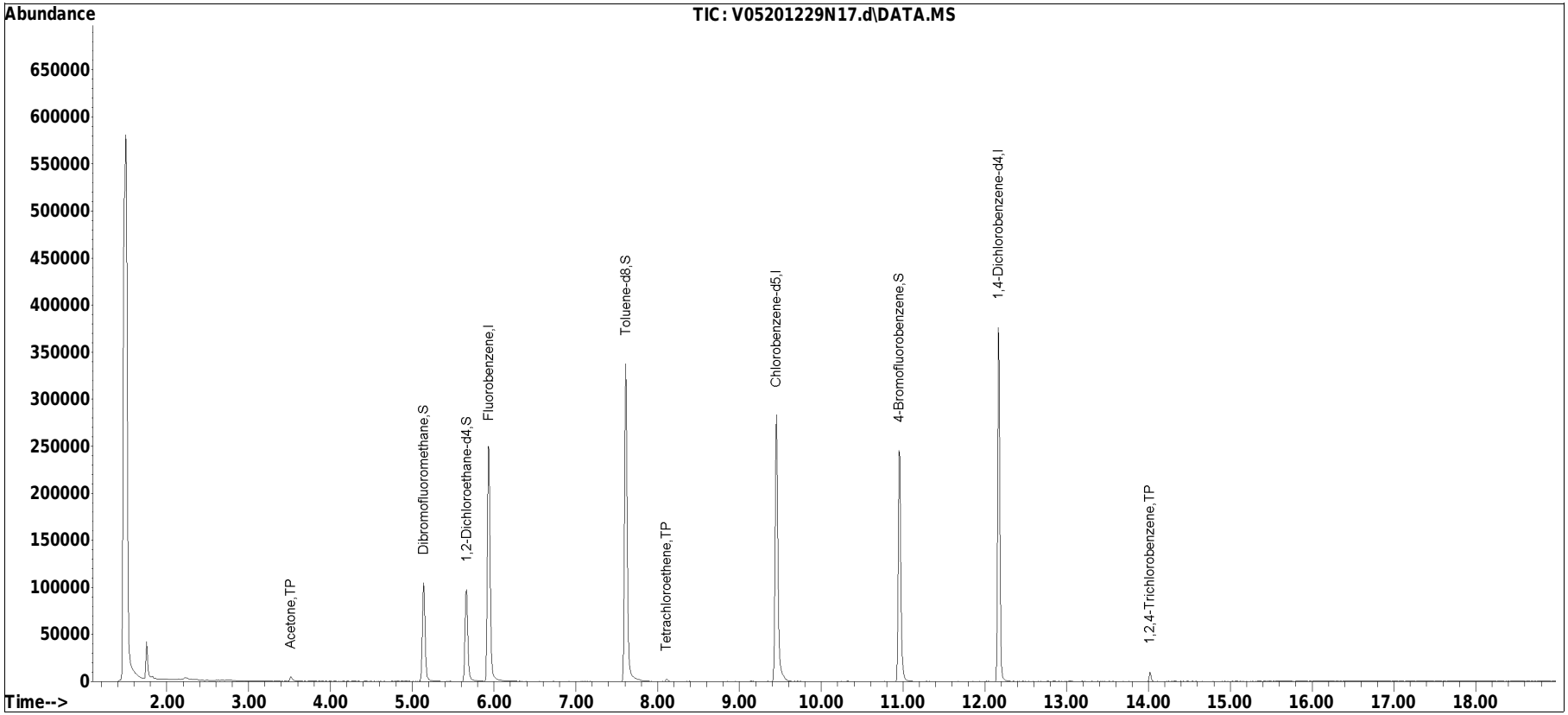
(#) = qualifier out of range (m) = manual integration (+) = signals summed

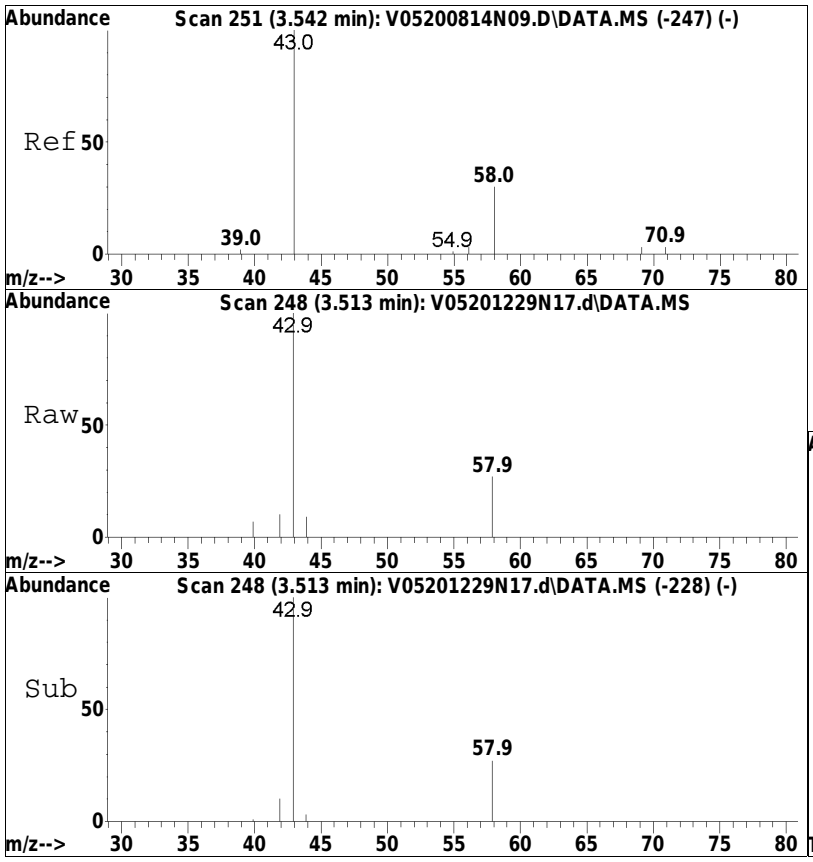
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N17.d
Acq On : 30 Dec 2020 12:06 am
Operator : VOA105:MKS
Sample : l2056917-01,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 30 08:10:25 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist1229N03.d•

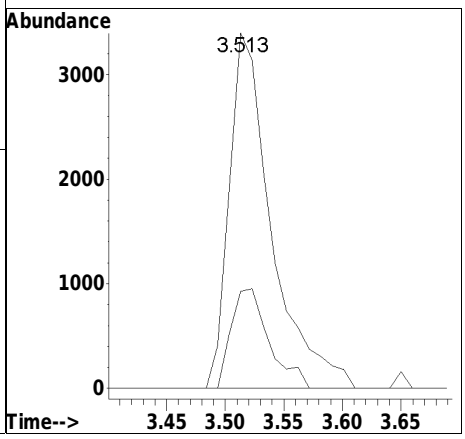


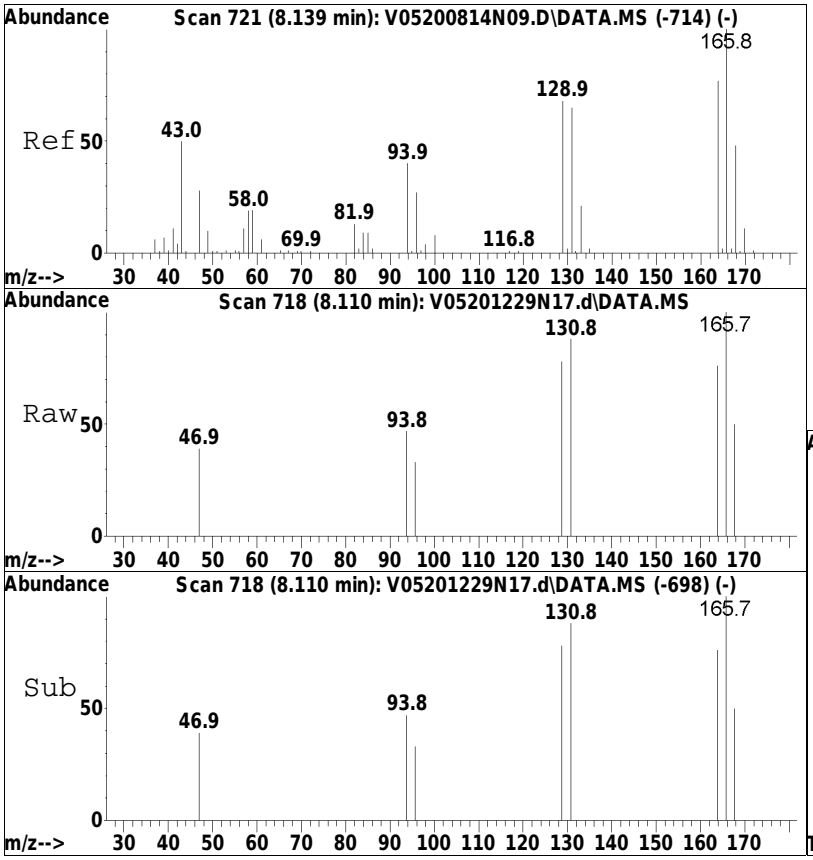


#17
Acetone
Concen: 7.83 ug/L
RT: 3.513 min Scan# 248
Delta R.T. 0.000 min
Lab File: V05201229N17.d
Acq: 30 Dec 2020 12:06 am

Tgt Ion: 43 Resp: 8517

Ion	Ratio	Lower	Upper
43	100		
58	25.2	22.0	33.0

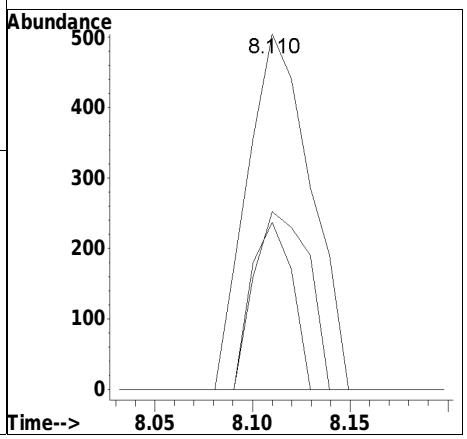


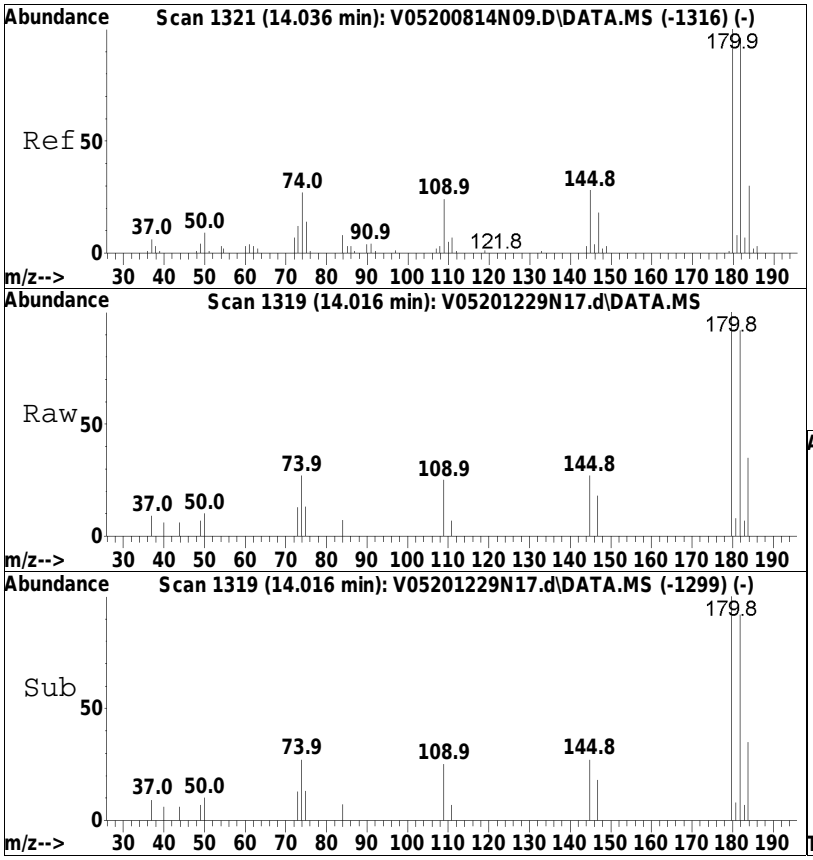


#63
Tetrachloroethene
Concen: 0.14 ug/L
RT: 8.110 min Scan# 718
Delta R.T. 0.000 min
Lab File: V05201229N17.d
Acq: 30 Dec 2020 12:06 am

Tgt Ion:166 Resp: 1145

Ion	Ratio	Lower	Upper
166	100		
168	42.6	30.2	70.2
94	30.1	32.5	72.5#

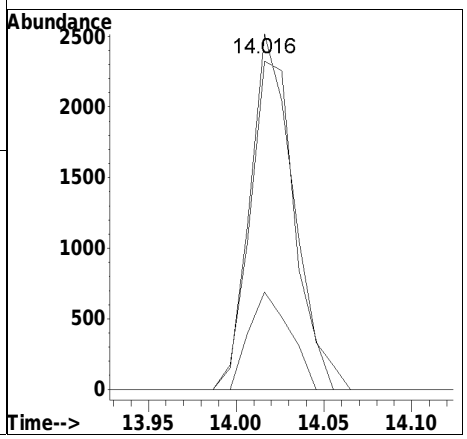




#109
1,2,4-Trichlorobenzene
Concen: 0.57 ug/L
RT: 14.016 min Scan# 1319
Delta R.T. 0.000 min
Lab File: V05201229N17.d
Acq: 30 Dec 2020 12:06 am

Tgt Ion:180 Resp: 4367

Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.2	112.8
145	25.6	27.4	41.2#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_201110N_8260.m
Data File	: V05201229N17.d	Operator	: VOA105:MKS
Date Inj'd	: 12/30/2020 12:06 am	Instrument	: VOA 105
Sample	: 12056917-01,31,10,10,,a	Quant Date	: 12/30/2020 8:06 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N17.d
Acq On : 30 Dec 2020 12:06 am
Operator : VOA105:MKS
Sample : 12056917-01,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05201229N17.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.753	65	68	74	rBV	39414	60860	7.84%	1.595%
2	5.137	407	414	427	rBV	105010	245228	31.57%	6.425%
3	5.665	462	468	490	rBV	97577	239403	30.82%	6.272%
4	5.929	490	495	520	rBV	249962	599443	77.17%	15.705%
5	7.611	661	667	692	rBV	337857	776744	100.00%	20.351%
6	9.451	847	853	874	rBV	283416	676319	87.07%	17.719%
7	10.950	1001	1006	1026	rBB	245814	532710	68.58%	13.957%
8	12.165	1124	1130	1147	rBB	376381	686120	88.33%	17.976%

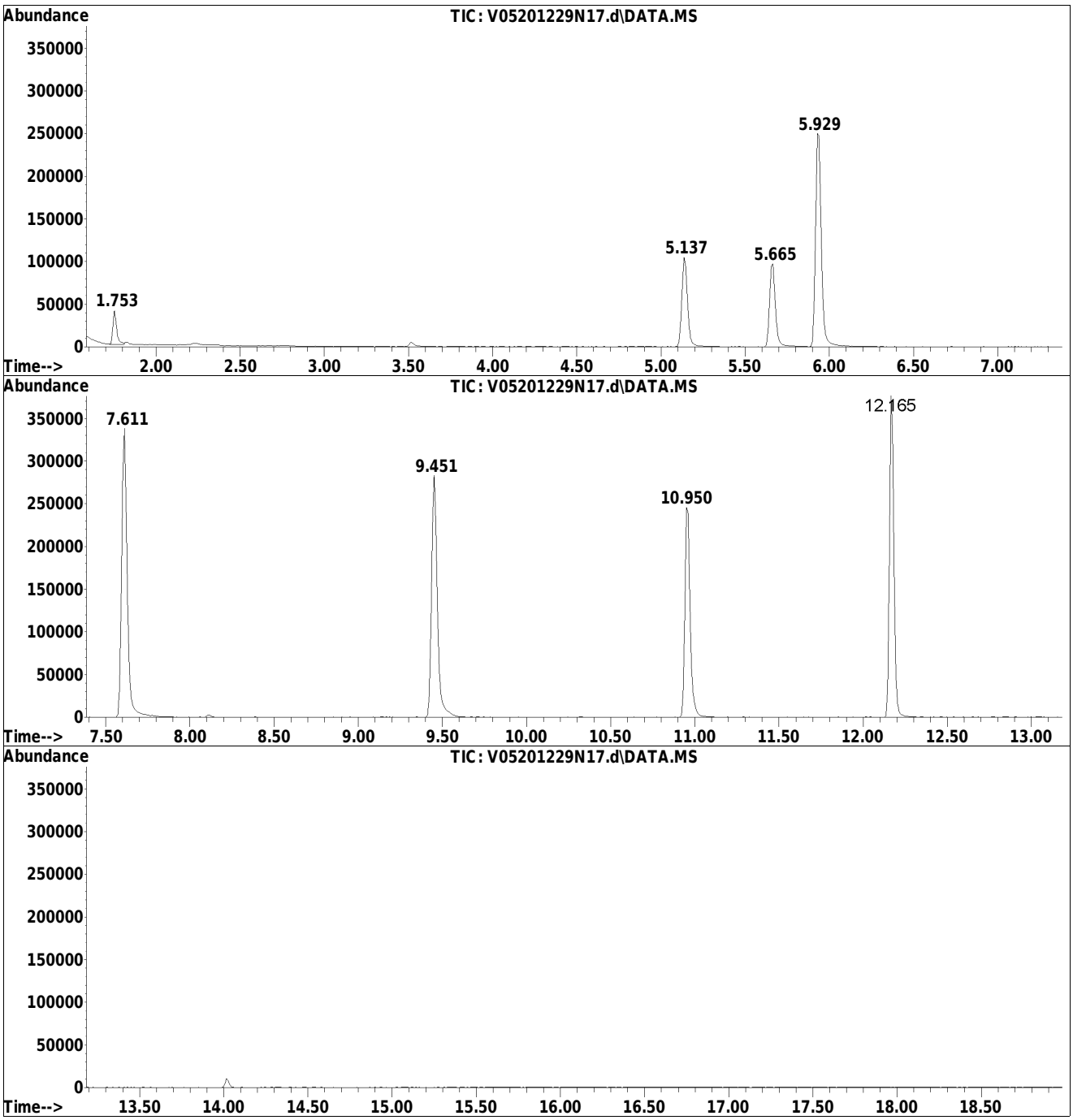
Sum of corrected areas: 3816827

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N17.d
Acq On : 30 Dec 2020 12:06 am
Operator : VOA105:MKS
Sample : 12056917-01,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 17 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N17.d
Acq On : 30 Dec 2020 12:06 am
Operator : VOA105:MKS
Sample : 12056917-01,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 17 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

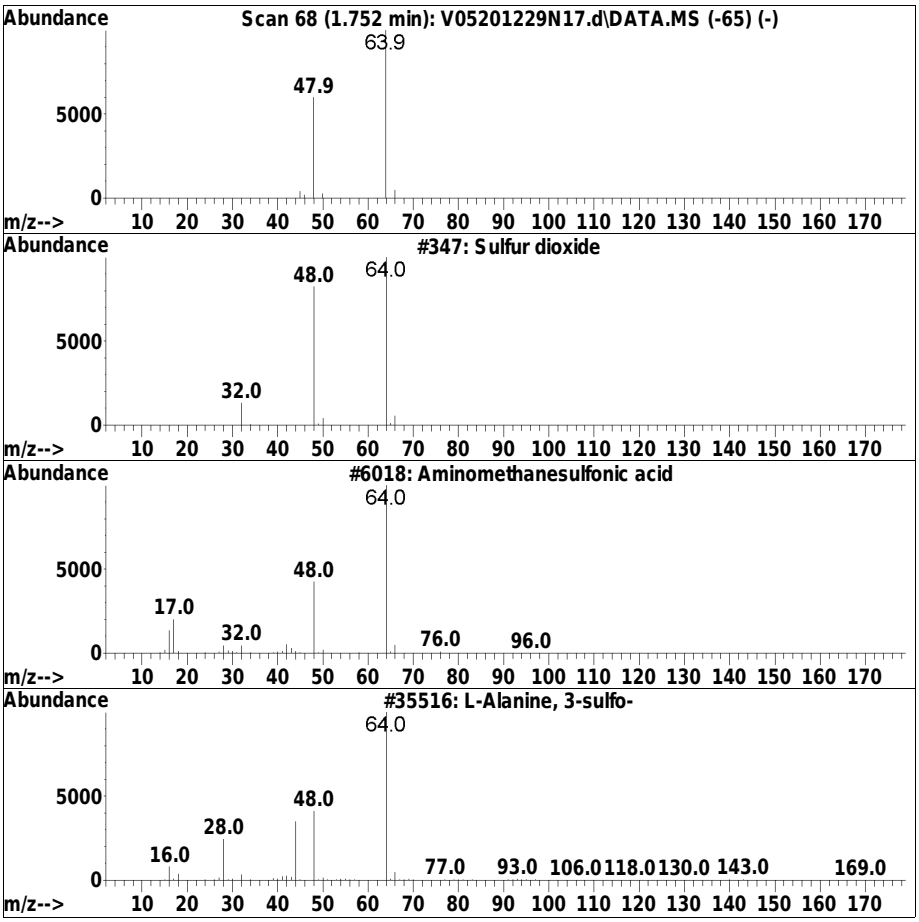
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

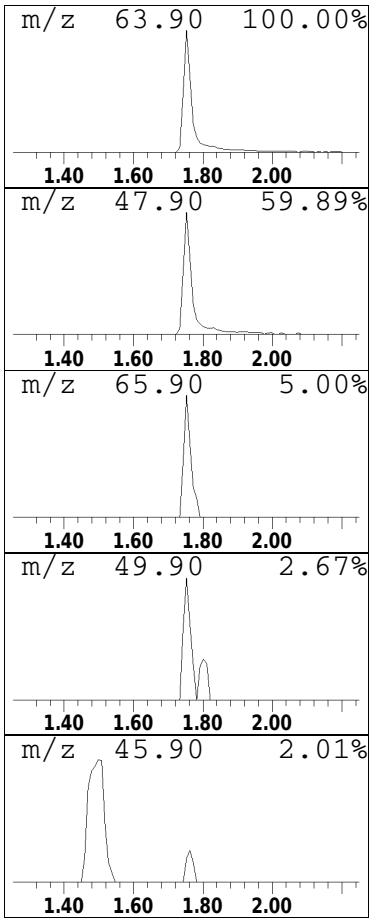
****

Peak Number 1 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.752	1.02 ug/L	60860	Fluorobenzene	5.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7
5	Cysteic acid	169	C3H7NO5S	1000131-23-1	4





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N17.d
Acq On : 30 Dec 2020 12:06 am
Operator : VOA105:MKS
Sample : 12056917-01,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 17 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.752	1.0	ug/L	60860	1	5.939	599443	10.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N18.d
Acq On : 30 Dec 2020 12:30 am
Operator : VOA105:MKS
Sample : 12056917-02,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 30 08:10:41 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.939	96	274576	10.000	ug/L	0.00
Standard Area 1 = 312036			Recovery = 87.99%			
59) Chlorobenzene-d5	9.451	117	227871	10.000	ug/L	0.00
Standard Area 1 = 249232			Recovery = 91.43%			
79) 1,4-Dichlorobenzene-d4	12.174	152	117323	10.000	ug/L	0.00
Standard Area 1 = 132754			Recovery = 88.38%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.137	113	75295	10.312	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.12%			
43) 1,2-Dichloroethane-d4	5.665	65	85244	10.471	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.71%			
60) Toluene-d8	7.611	98	280291	10.275	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.75%			
83) 4-Bromofluorobenzene	10.950	95	107967	10.618	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.801	50	212	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.926	76	566	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.513	43	21634	19.944	ug/L	98
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N18.d
Acq On : 30 Dec 2020 12:30 am
Operator : VOA105:MKS
Sample : 12056917-02,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 30 08:10:41 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	6.056	95	92	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	8.110	166	235	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.451	91	123	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.026	180	2008	0.265	ug/L #	89
111) 1,2,3-Trichlorobenzene	14.476	180	226	N.D.		

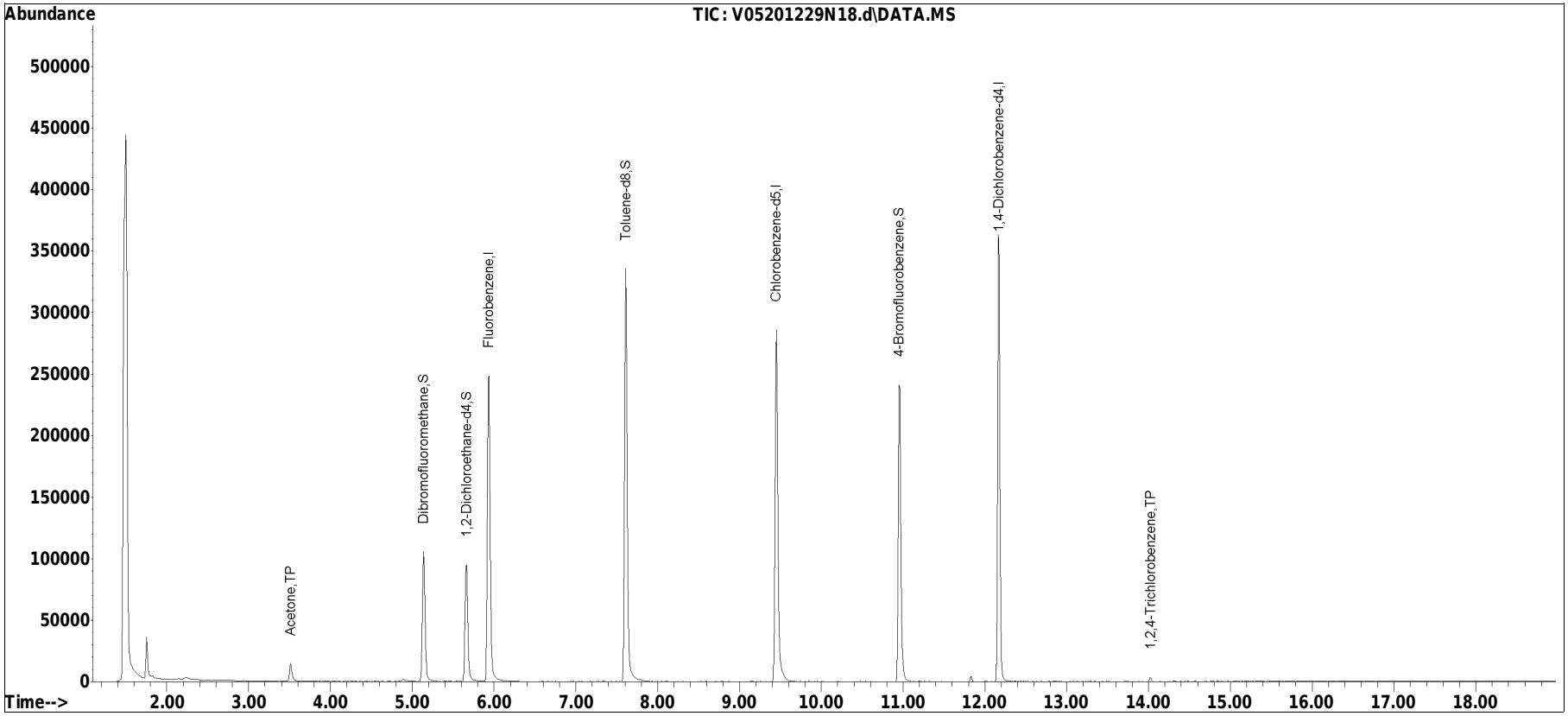
(#) = qualifier out of range (m) = manual integration (+) = signals summed

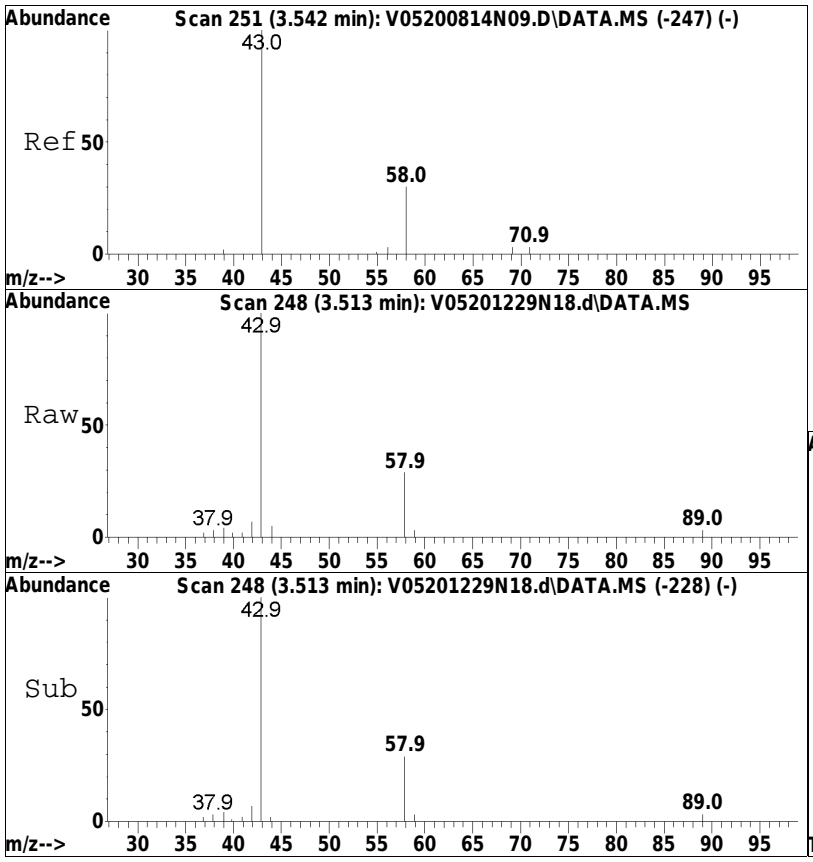
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N18.d
Acq On : 30 Dec 2020 12:30 am
Operator : VOA105:MKS
Sample : l2056917-02,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 30 08:10:41 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist1229N03.d•

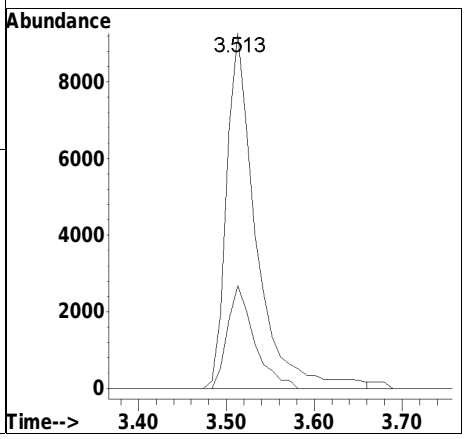


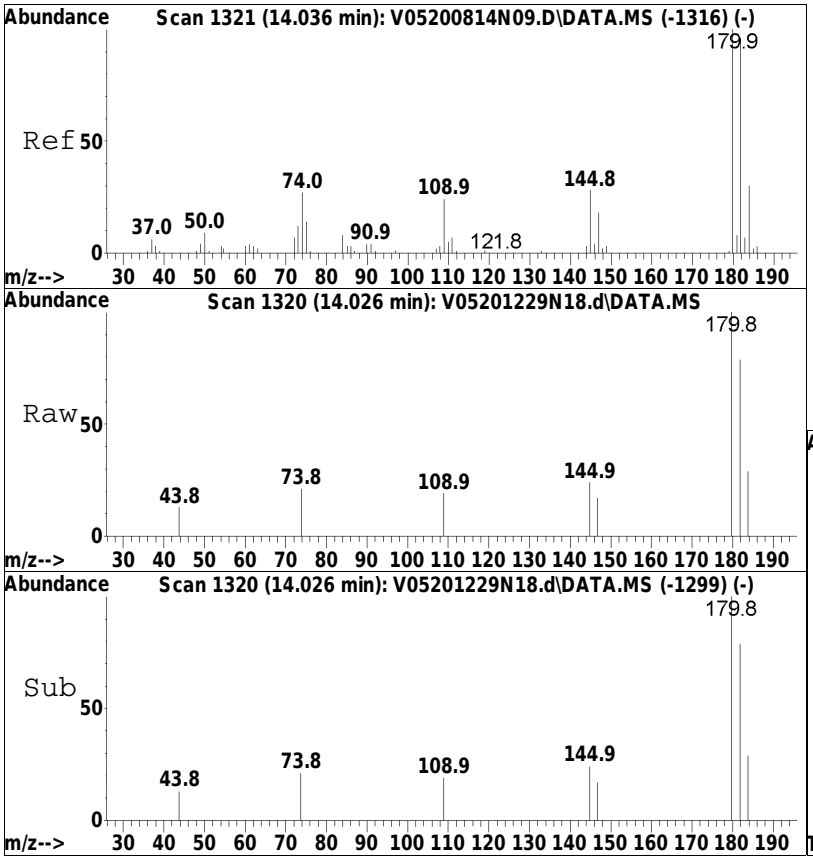


#17
Acetone
Concen: 19.94 ug/L
RT: 3.513 min Scan# 248
Delta R.T. -0.000 min
Lab File: V05201229N18.d
Acq: 30 Dec 2020 12:30 am

Tgt Ion: 43 Resp: 21634

Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.0	33.0

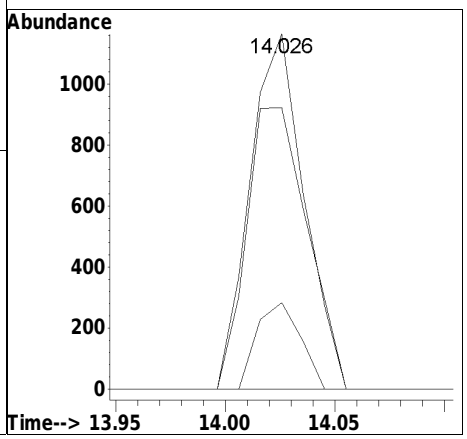




#109
1,2,4-Trichlorobenzene
Concen: 0.26 ug/L
RT: 14.026 min Scan# 1320
Delta R.T. 0.010 min
Lab File: V05201229N18.d
Acq: 30 Dec 2020 12:30 am

Tgt Ion:180 Resp: 2008

Ion	Ratio	Lower	Upper
180	100		
182	88.8	75.2	112.8
145	19.6	27.4	41.2#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_201110N_8260.m
Data File	: V05201229N18.d	Operator	: VOA105:MKS
Date Inj'd	: 12/30/2020 12:30 am	Instrument	: VOA 105
Sample	: 12056917-02,31,10,10,,a	Quant Date	: 12/30/2020 8:06 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N18.d
Acq On : 30 Dec 2020 12:30 am
Operator : VOA105:MKS
Sample : 12056917-02,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 18 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05201229N18.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.752	65	68	88	rVB	34335	63851	8.25%	1.658%
2	3.513	243	248	258	rBV	14492	31773	4.10%	0.825%
3	5.137	406	414	428	rBV	105372	246600	31.85%	6.405%
4	5.665	462	468	488	rBV	95036	235890	30.47%	6.127%
5	5.939	488	496	516	rBV	248427	597590	77.18%	15.521%
6	7.611	660	667	692	rBV	335658	774278	100.00%	20.110%
7	9.451	847	853	877	rBB	286418	682027	88.09%	17.714%
8	10.950	1001	1006	1023	rBV	241271	534651	69.05%	13.886%
9	12.165	1124	1130	1148	rBV	363409	683588	88.29%	17.754%

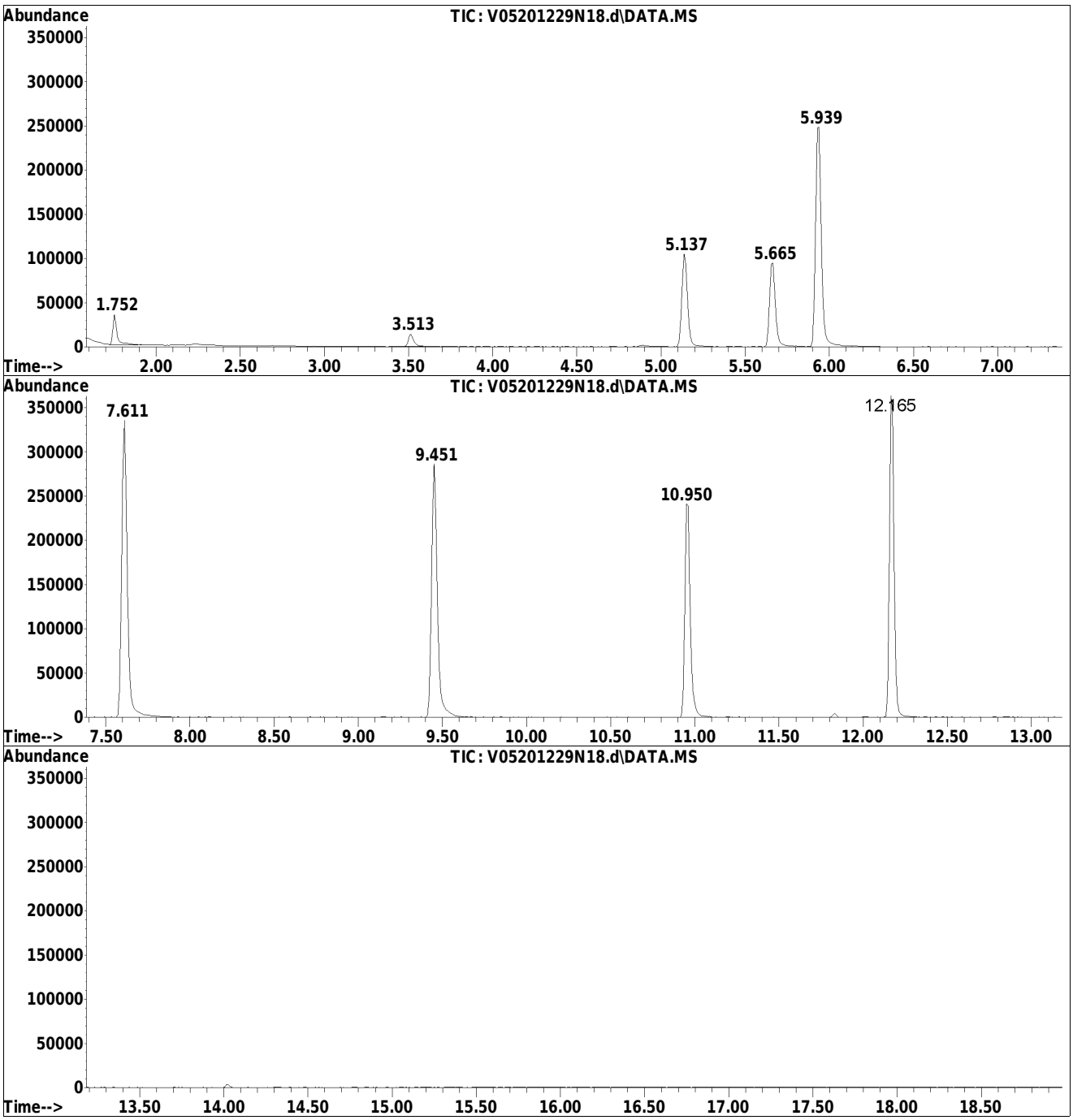
Sum of corrected areas: 3850248

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N18.d
Acq On : 30 Dec 2020 12:30 am
Operator : VOA105:MKS
Sample : 12056917-02,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 18 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N18.d
Acq On : 30 Dec 2020 12:30 am
Operator : VOA105:MKS
Sample : 12056917-02,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 18 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

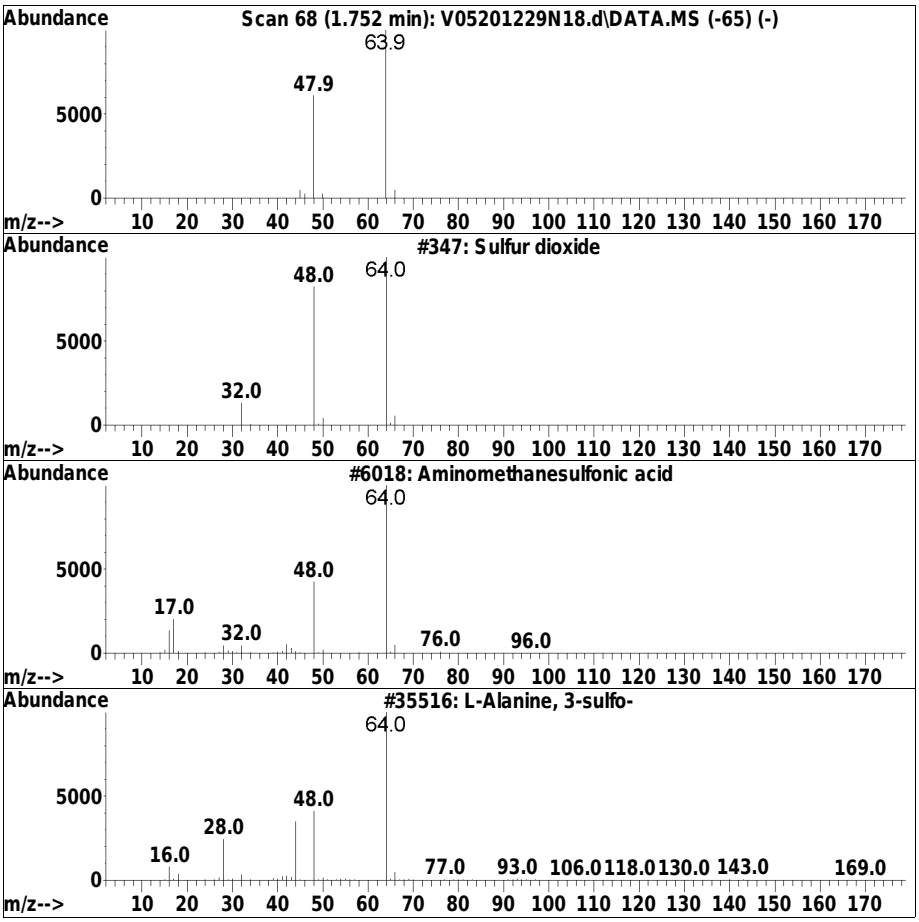
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

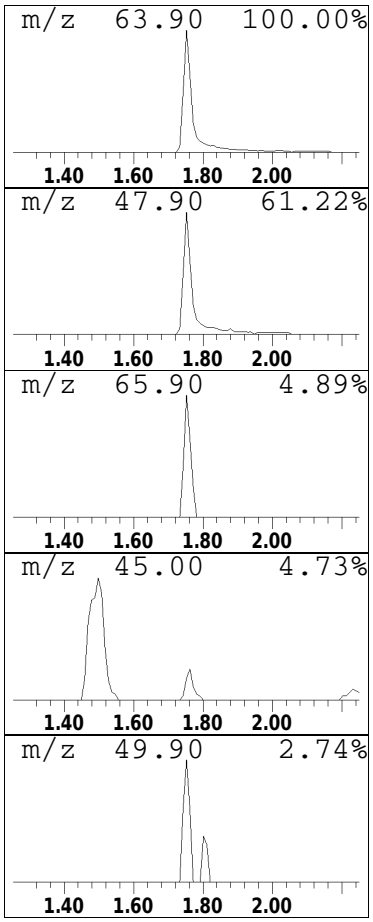
****

Peak Number 1 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.752	1.07 ug/L	63851	Fluorobenzene	5.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N18.d
Acq On : 30 Dec 2020 12:30 am
Operator : VOA105:MKS
Sample : 12056917-02,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 18 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.752	1.1	ug/L	63851	1	5.939	597590	10.0

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N19.d
Acq On : 30 Dec 2020 12:53 am
Operator : VOA105:MKS
Sample : 12056917-03,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 30 08:10:57 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.939	96	277559	10.000	ug/L	0.00
Standard Area 1 = 312036			Recovery = 88.95%			
59) Chlorobenzene-d5	9.451	117	227106	10.000	ug/L	0.00
Standard Area 1 = 249232			Recovery = 91.12%			
79) 1,4-Dichlorobenzene-d4	12.165	152	118040	10.000	ug/L	0.00
Standard Area 1 = 132754			Recovery = 88.92%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.137	113	76153	10.317	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.17%			
43) 1,2-Dichloroethane-d4	5.665	65	87132	10.588	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.88%			
60) Toluene-d8	7.611	98	281086	10.339	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.39%			
83) 4-Bromofluorobenzene	10.950	95	107179	10.477	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.77%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.752	50	455	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.946	76	546	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	4.882	56	692	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N19.d
Acq On : 30 Dec 2020 12:53 am
Operator : VOA105:MKS
Sample : 12056917-03,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 30 08:10:57 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0	N.D.			
39)	2-Butanone	0.000		0	N.D.			
41)	Benzene	5.528	78	1123	N.D.			
44)	1,2-Dichloroethane	0.000		0	N.D.			
47)	Methyl cyclohexane	6.085	83	350	N.D.			
48)	Trichloroethene	0.000		0	N.D.			
51)	1,2-Dichloropropane	0.000		0	N.D.			
54)	Bromodichloromethane	0.000		0	N.D.			
57)	1,4-Dioxane	0.000		0	N.D.			
58)	cis-1,3-Dichloropropene	0.000		0	N.D.			
61)	Toluene	7.670	92	7315	0.476	ug/L		99
62)	4-Methyl-2-pentanone	0.000		0	N.D.			
63)	Tetrachloroethene	0.000		0	N.D.			
65)	trans-1,3-Dichloropropene	0.000		0	N.D.			
68)	1,1,2-Trichloroethane	0.000		0	N.D.			
69)	Chlorodibromomethane	0.000		0	N.D.			
71)	1,2-Dibromoethane	0.000		0	N.D.			
72)	2-Hexanone	0.000		0	N.D.			
73)	Chlorobenzene	0.000		0	N.D.			
74)	Ethylbenzene	9.510	91	2822	0.093	ug/L	#	89
76)	p/m Xylene	9.696	106	3401	0.284	ug/L		91
77)	o Xylene	10.235	106	1228	0.111	ug/L		91
78)	Styrene	0.000		0	N.D.			
80)	Bromoform	0.000		0	N.D.			
82)	Isopropylbenzene	0.000		0	N.D.			
87)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
100)	1,3-Dichlorobenzene	0.000		0	N.D.			
101)	1,4-Dichlorobenzene	0.000		0	N.D.			
104)	1,2-Dichlorobenzene	0.000		0	N.D.			
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
109)	1,2,4-Trichlorobenzene	14.026	180	1342	0.176	ug/L	#	81
111)	1,2,3-Trichlorobenzene	14.486	180	212	N.D.			

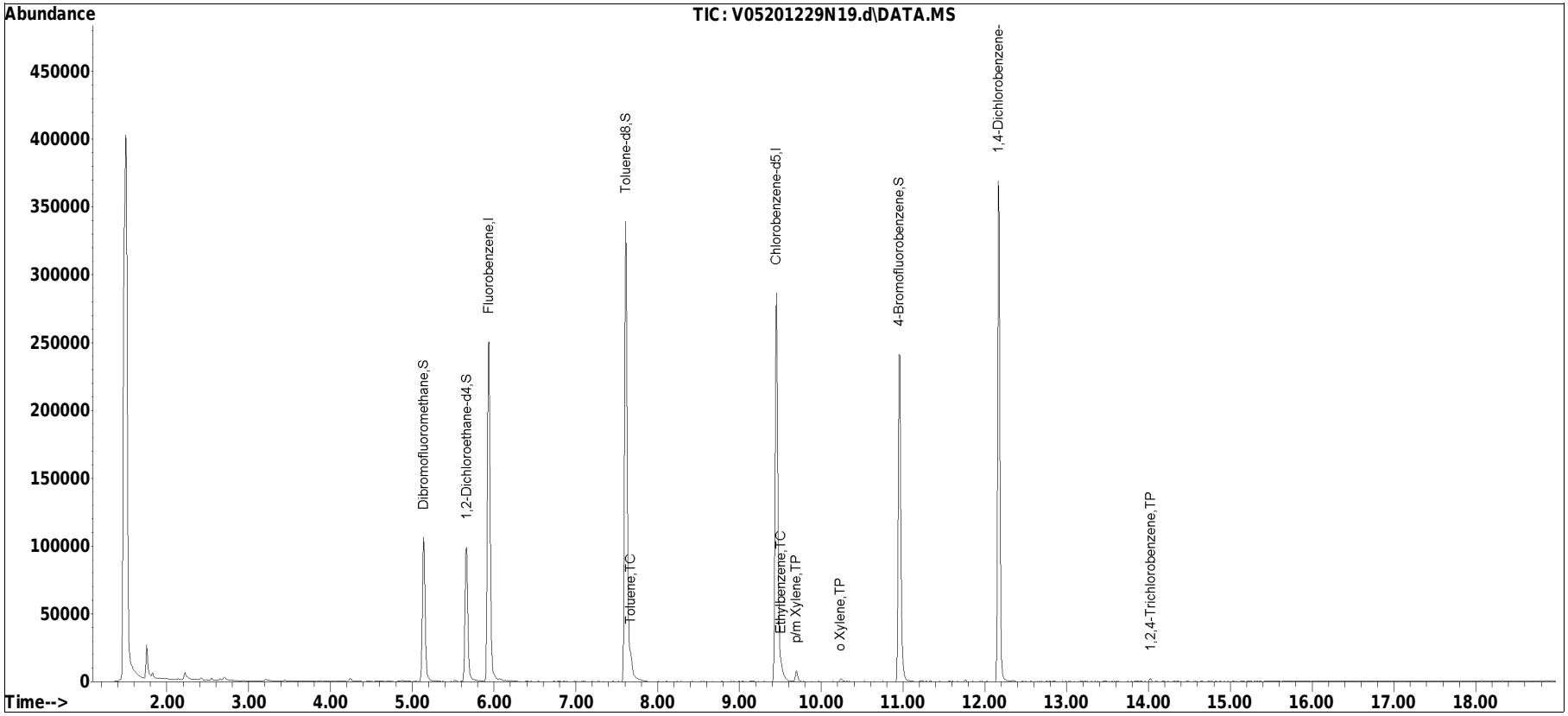
(#) = qualifier out of range (m) = manual integration (+) = signals summed

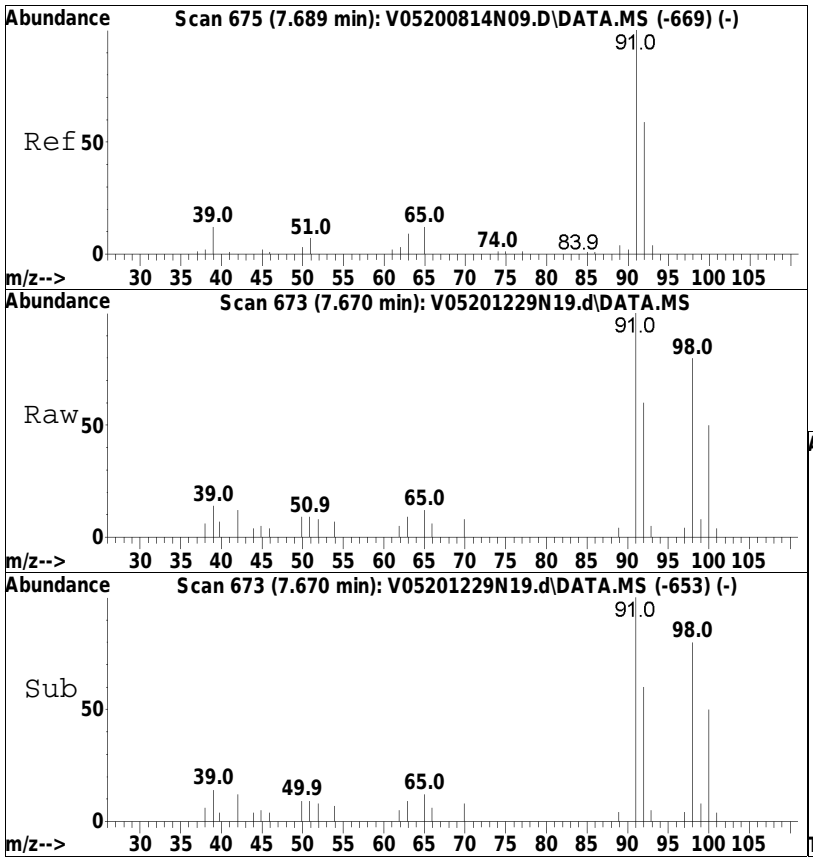
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N19.d
Acq On : 30 Dec 2020 12:53 am
Operator : VOA105:MKS
Sample : l2056917-03,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 30 08:10:57 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist1229N03.d•

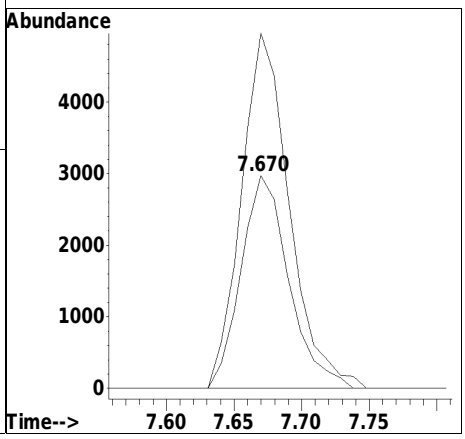


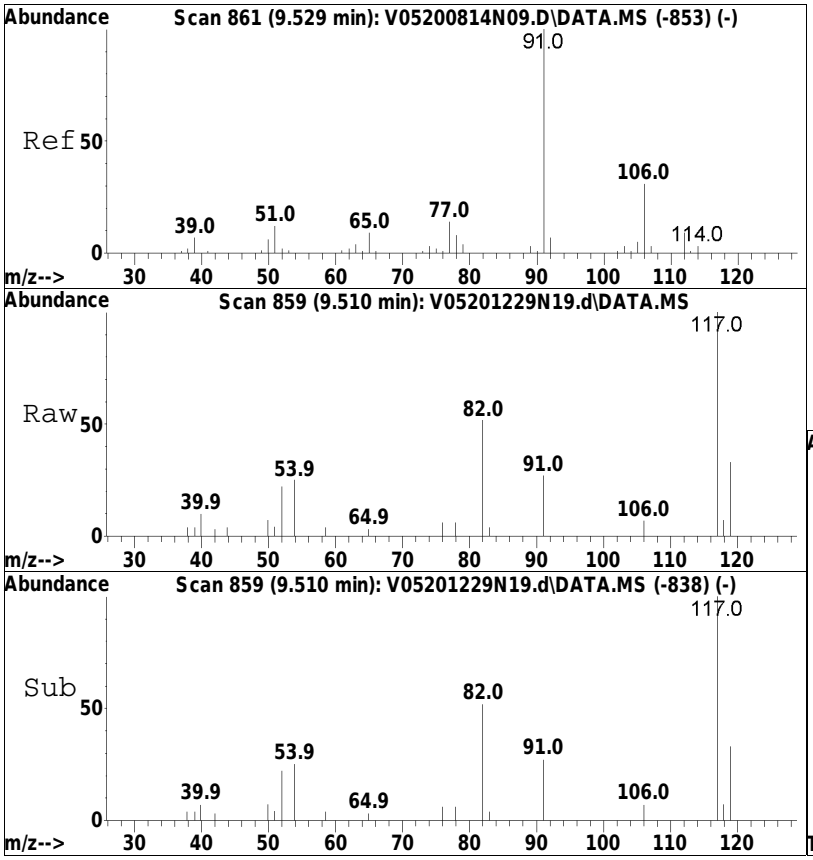


#61
Toluene
Concen: 0.48 ug/L
RT: 7.670 min Scan# 673
Delta R.T. -0.000 min
Lab File: V05201229N19.d
Acq: 30 Dec 2020 12:53 am

Tgt Ion: 92 Resp: 7315

Ion	Ratio	Lower	Upper
92	100		
91	167.2	135.2	202.8

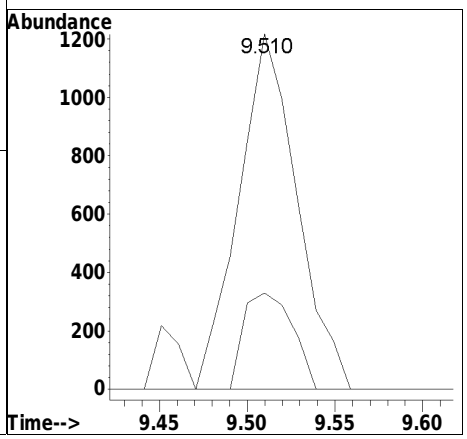


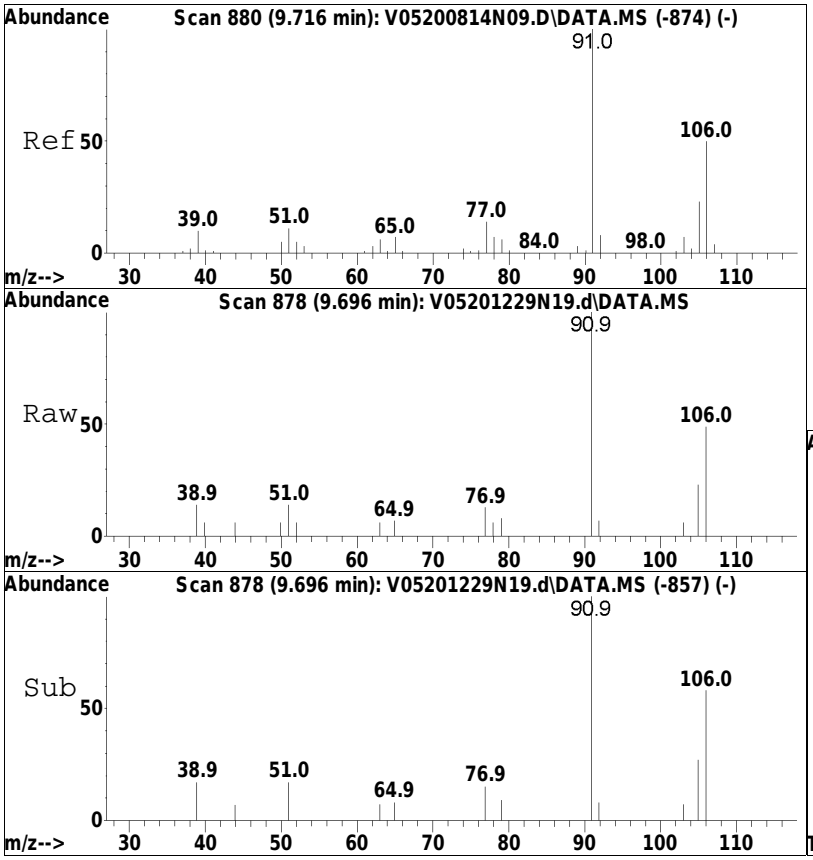


#74
Ethylbenzene
Concen: 0.09 ug/L
RT: 9.510 min Scan# 859
Delta R.T. 0.010 min
Lab File: V05201229N19.d
Acq: 30 Dec 2020 12:53 am

Tgt Ion: 91 Resp: 2822

Ion	Ratio	Lower	Upper
91	100		
106	22.7	22.9	34.3#

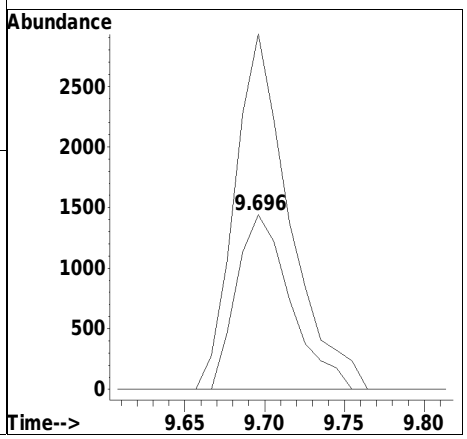


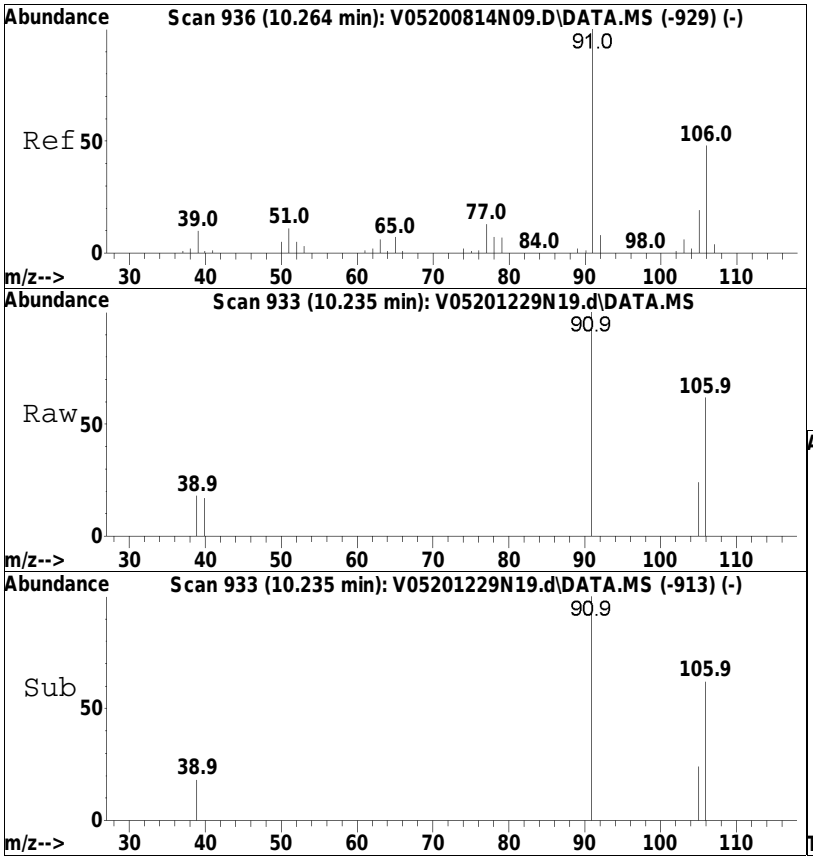


#76
p/m Xylene
Concen: 0.28 ug/L
RT: 9.696 min Scan# 878
Delta R.T. 0.010 min
Lab File: V05201229N19.d
Acq: 30 Dec 2020 12:53 am

Tgt Ion:106 Resp: 3401

Ion	Ratio	Lower	Upper
106	100		
91	206.3	177.2	265.8

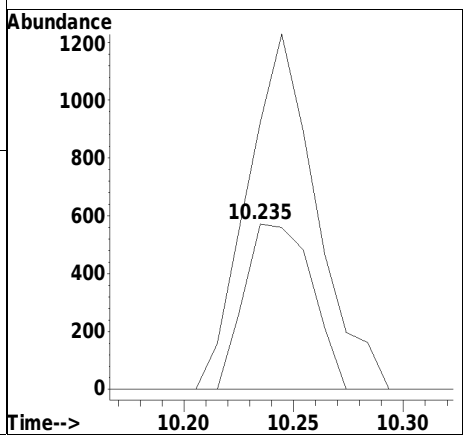


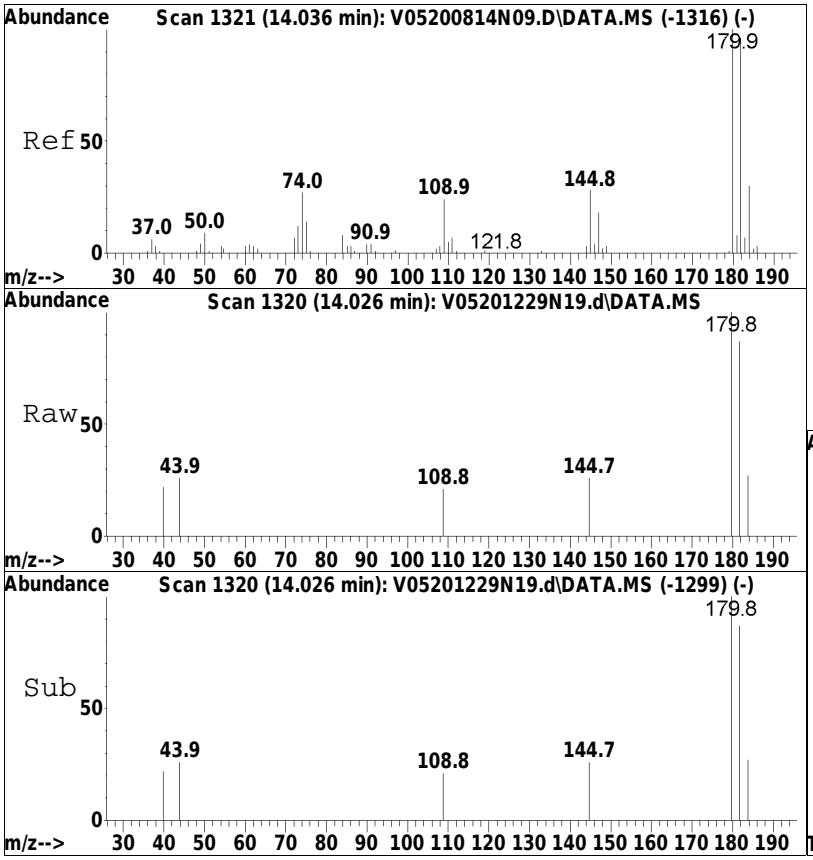


#77
o Xylene
Concen: 0.11 ug/L
RT: 10.235 min Scan# 933
Delta R.T. -0.000 min
Lab File: V05201229N19.d
Acq: 30 Dec 2020 12:53 am

Tgt Ion:106 Resp: 1228

Ion	Ratio	Lower	Upper
106	100		
91	219.1	187.0	280.6

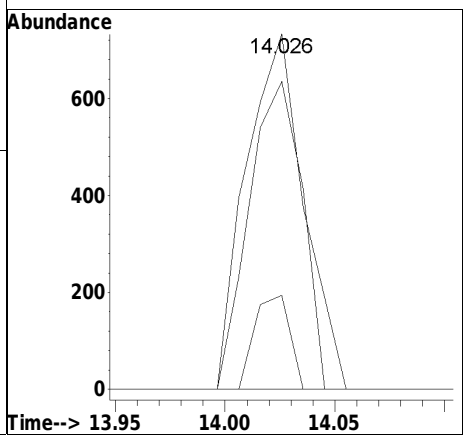




#109
1,2,4-Trichlorobenzene
Concen: 0.18 ug/L
RT: 14.026 min Scan# 1320
Delta R.T. 0.010 min
Lab File: V05201229N19.d
Acq: 30 Dec 2020 12:53 am

Tgt Ion:180 Resp: 1342

Ion	Ratio	Lower	Upper
180	100		
182	79.7	75.2	112.8
145	16.2	27.4	41.2#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_201110N_8260.m
Data File	: V05201229N19.d	Operator	: VOA105:MKS
Date Inj'd	: 12/30/2020 12:53 am	Instrument	: VOA 105
Sample	: 12056917-03,31,10,10,,a	Quant Date	: 12/30/2020 8:06 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N19.d
Acq On : 30 Dec 2020 12:53 am
Operator : VOA105:MKS
Sample : 12056917-03,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05201229N19.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.752	65	68	74	rBV	24452	40909	5.06%	1.064%
2	5.137	407	414	432	rBV	106206	248422	30.74%	6.460%
3	5.665	459	468	490	rBV	98974	240679	29.78%	6.258%
4	5.939	490	496	507	rBV	250305	595152	73.65%	15.476%
5	7.611	661	667	695	rBB	339494	808123	100.00%	21.014%
6	9.451	845	853	874	rBV	286630	688238	85.17%	17.896%
7	10.950	998	1006	1027	rBV	241507	535793	66.30%	13.932%
8	12.165	1123	1130	1145	rBV	369458	688353	85.18%	17.899%

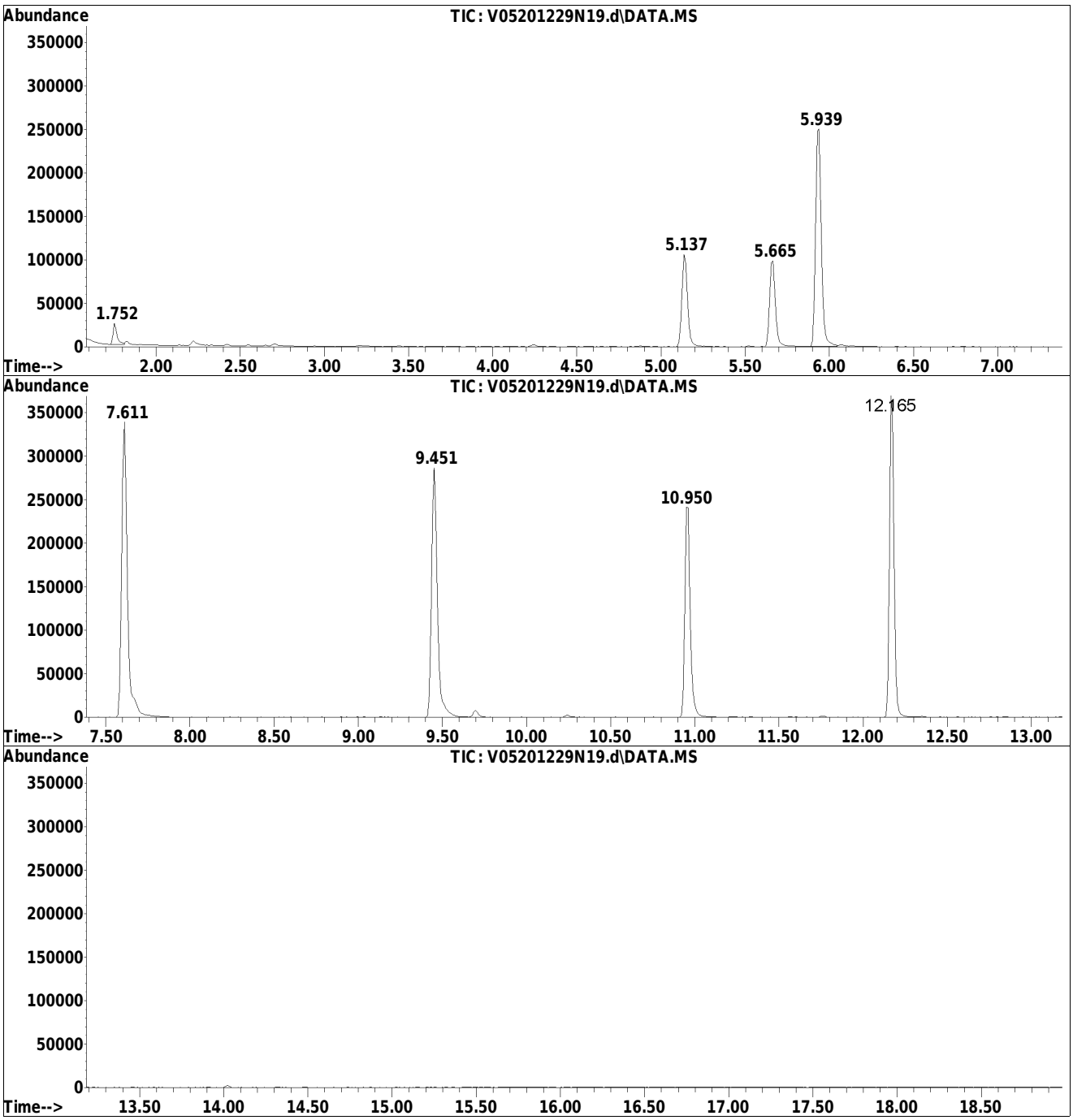
Sum of corrected areas: 3845669

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N19.d
Acq On : 30 Dec 2020 12:53 am
Operator : VOA105:MKS
Sample : 12056917-03,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 19 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N19.d
Acq On : 30 Dec 2020 12:53 am
Operator : VOA105:MKS
Sample : l2056917-03,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 19 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N19.d
Acq On : 30 Dec 2020 12:53 am
Operator : VOA105:MKS
Sample : 12056917-03,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 19 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N20.d
Acq On : 30 Dec 2020 1:16 am
Operator : VOA105:MKS
Sample : 12056917-04,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 30 08:11:12 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.938	96	277480	10.000 ug/L	0.00
Standard Area 1 = 312036			Recovery =	88.93%	
59) Chlorobenzene-d5	9.451	117	226260	10.000 ug/L	0.00
Standard Area 1 = 249232			Recovery =	90.78%	
79) 1,4-Dichlorobenzene-d4	12.164	152	117386	10.000 ug/L	0.00
Standard Area 1 = 132754			Recovery =	88.42%	
System Monitoring Compounds					
36) Dibromofluoromethane	5.136	113	75207	10.192 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.92%	
43) 1,2-Dichloroethane-d4	5.665	65	86737	10.543 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.43%	
60) Toluene-d8	7.611	98	283976	10.484 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.84%	
83) 4-Bromofluorobenzene	10.960	95	107173	10.535 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.35%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.811	50	278	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	2.212	64	298	Below Cal #	41
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.936	76	1910	0.145 ug/L #	72
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	4.882	56	206	N.D.	
32) Chloroform	0.000		0	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N20.d
Acq On : 30 Dec 2020 1:16 am
Operator : VOA105:MKS
Sample : 12056917-04,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 30 08:11:12 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0	N.D.		
39)	2-Butanone	0.000		0	N.D.		
41)	Benzene	5.528	78	93	N.D.		
44)	1,2-Dichloroethane	0.000		0	N.D.		
47)	Methyl cyclohexane	0.000		0	N.D.		
48)	Trichloroethene	0.000		0	N.D.		
51)	1,2-Dichloropropane	0.000		0	N.D.		
54)	Bromodichloromethane	0.000		0	N.D.		
57)	1,4-Dioxane	0.000		0	N.D.		
58)	cis-1,3-Dichloropropene	0.000		0	N.D.		
61)	Toluene	7.670	92	2132	0.139	ug/L	97
62)	4-Methyl-2-pentanone	0.000		0	N.D.		
63)	Tetrachloroethene	0.000		0	N.D.		
65)	trans-1,3-Dichloropropene	0.000		0	N.D.		
68)	1,1,2-Trichloroethane	0.000		0	N.D.		
69)	Chlorodibromomethane	0.000		0	N.D.		
71)	1,2-Dibromoethane	0.000		0	N.D.		
72)	2-Hexanone	0.000		0	N.D.		
73)	Chlorobenzene	0.000		0	N.D.		
74)	Ethylbenzene	9.520	91	1612	N.D.		
76)	p/m Xylene	9.706	106	2072	0.174	ug/L	99
77)	o Xylene	10.244	106	764	N.D.		
78)	Styrene	0.000		0	N.D.		
80)	Bromoform	0.000		0	N.D.		
82)	Isopropylbenzene	0.000		0	N.D.		
87)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100)	1,3-Dichlorobenzene	0.000		0	N.D.		
101)	1,4-Dichlorobenzene	0.000		0	N.D.		
104)	1,2-Dichlorobenzene	0.000		0	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	14.026	180	815	0.107	ug/L #	82
111)	1,2,3-Trichlorobenzene	14.486	180	233	N.D.		

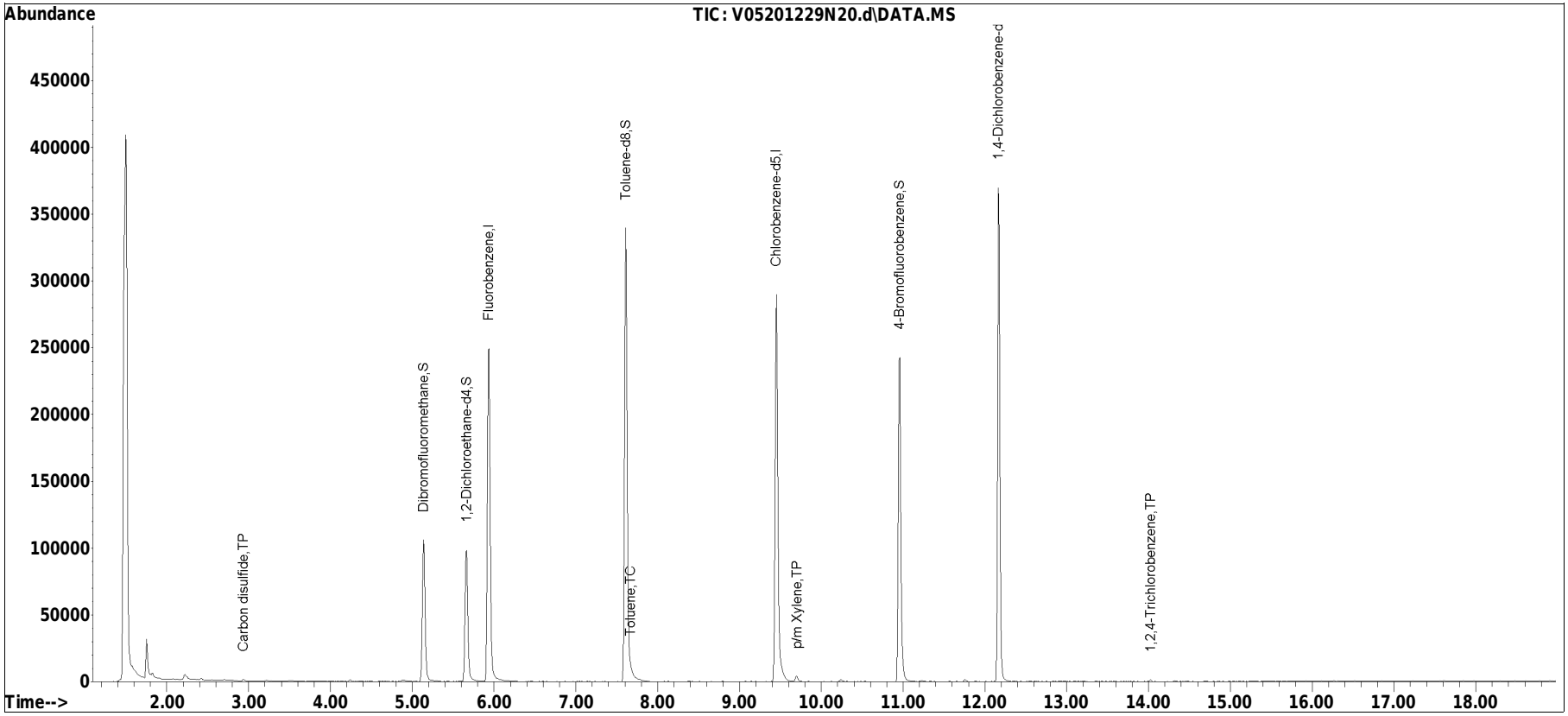
(#) = qualifier out of range (m) = manual integration (+) = signals summed

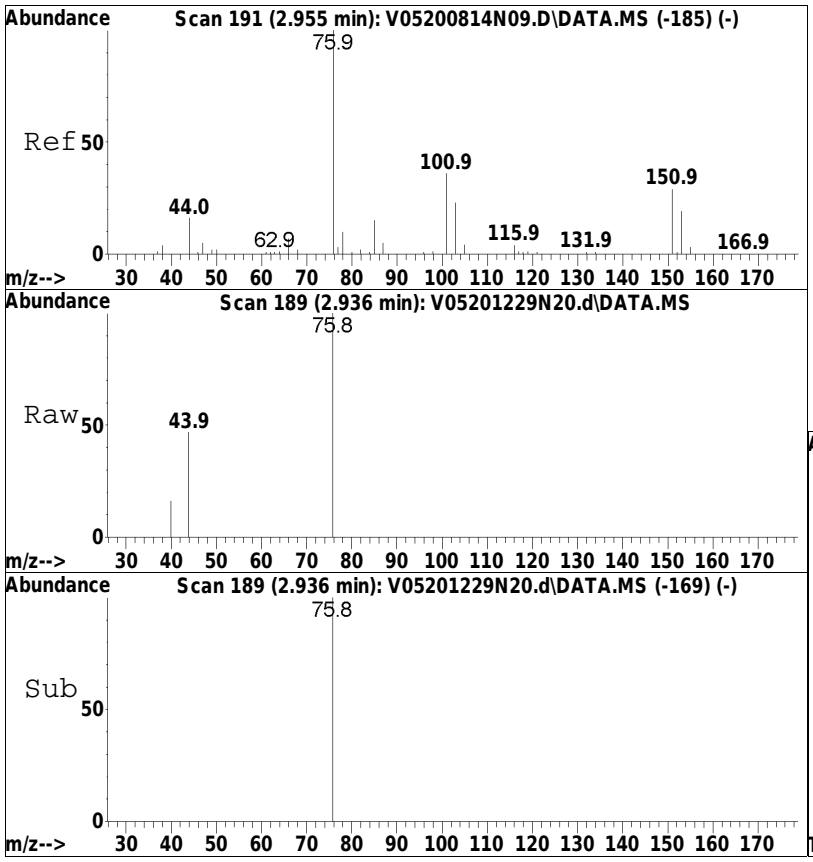
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N20.d
Acq On : 30 Dec 2020 1:16 am
Operator : VOA105:MKS
Sample : l2056917-04,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 30 08:11:12 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist1229N03.d•

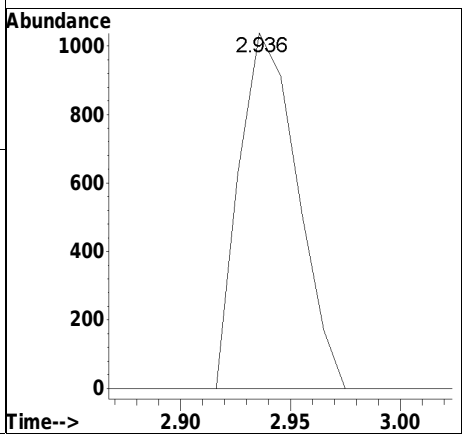


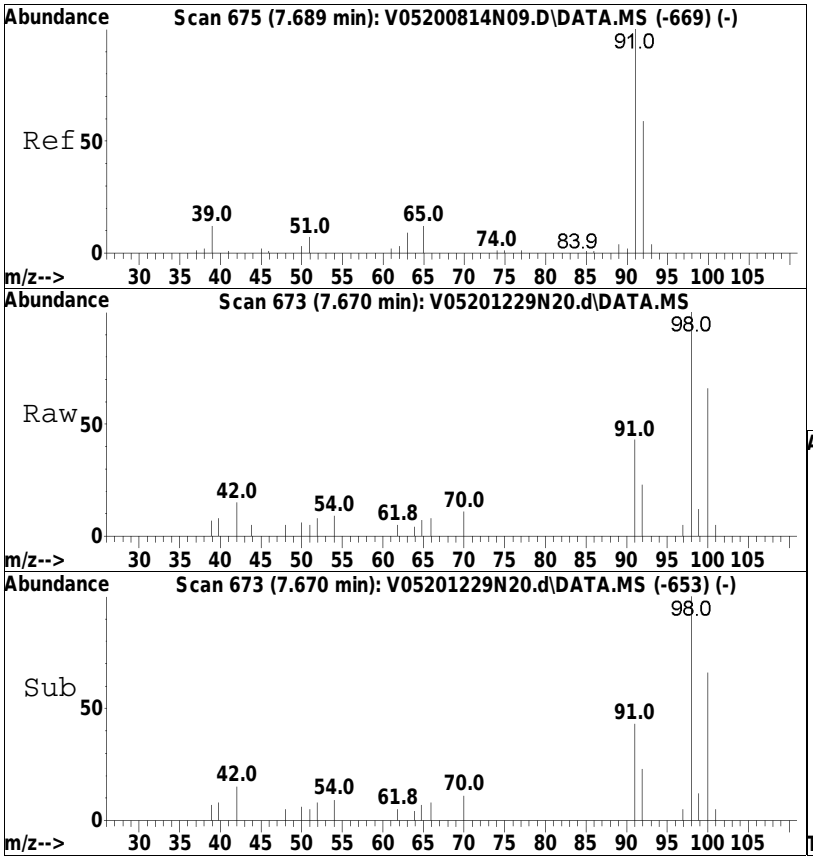


#11
Carbon disulfide
Concen: 0.14 ug/L
RT: 2.936 min Scan# 189
Delta R.T. -0.000 min
Lab File: V05201229N20.d
Acq: 30 Dec 2020 1:16 am

Tgt Ion: 76 Resp: 1910

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.7	13.9#

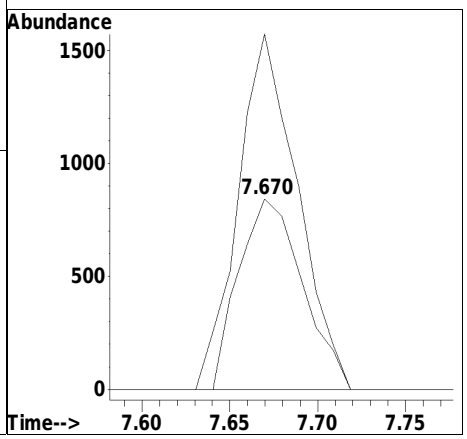


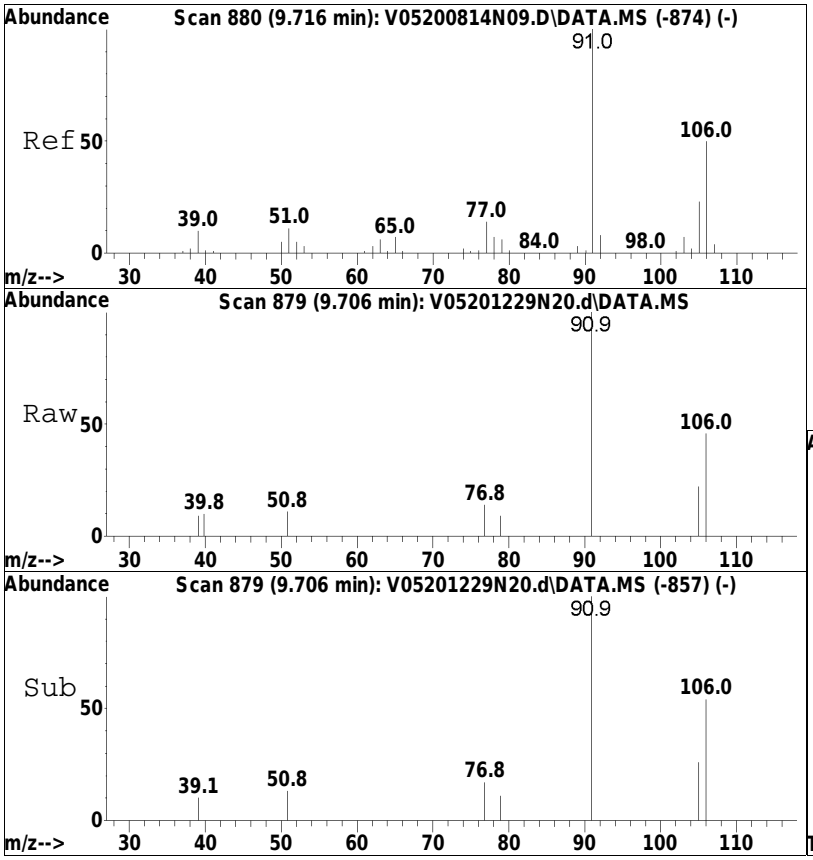


#61
Toluene
Concen: 0.14 ug/L
RT: 7.670 min Scan# 673
Delta R.T. -0.000 min
Lab File: V05201229N20.d
Acq: 30 Dec 2020 1:16 am

Tgt Ion: 92 Resp: 2132

Ion	Ratio	Lower	Upper
92	100		
91	173.6	135.2	202.8

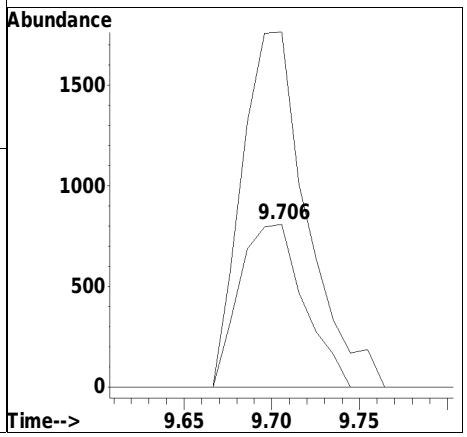


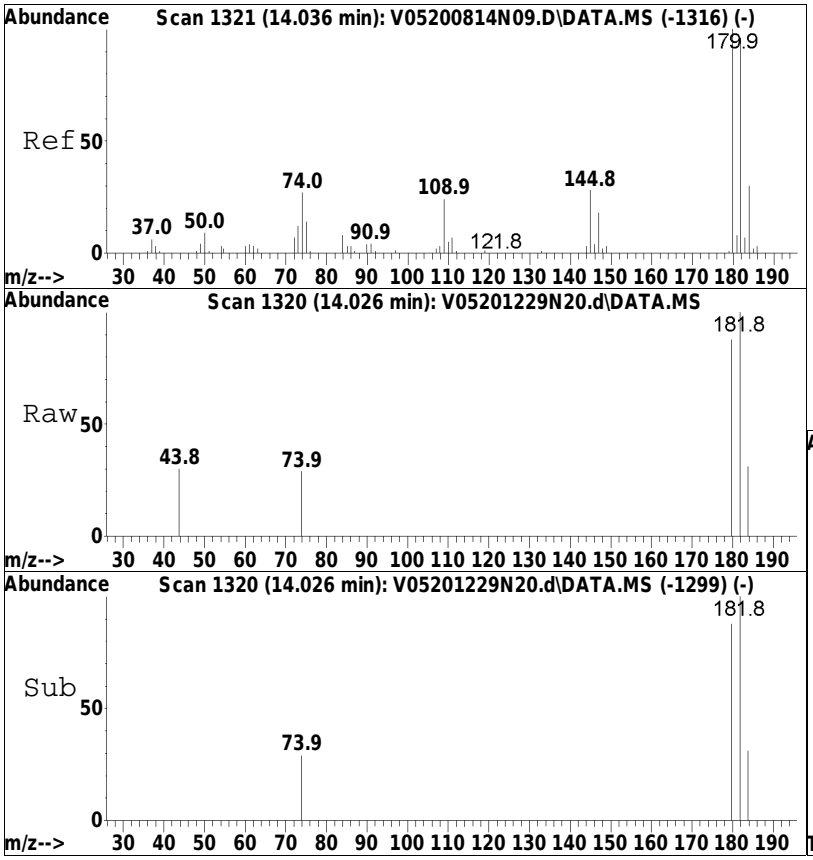


#76
p/m Xylene
Concen: 0.17 ug/L
RT: 9.706 min Scan# 879
Delta R.T. 0.020 min
Lab File: V05201229N20.d
Acq: 30 Dec 2020 1:16 am

Tgt Ion:106 Resp: 2072

Ion	Ratio	Lower	Upper
106	100		
91	219.8	177.2	265.8

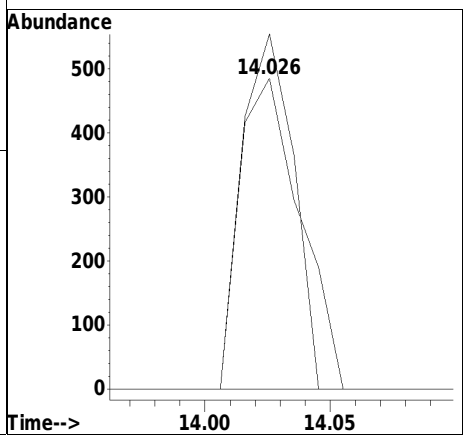




#109
1,2,4-Trichlorobenzene
Concen: 0.11 ug/L
RT: 14.026 min Scan# 1320
Delta R.T. 0.010 min
Lab File: V05201229N20.d
Acq: 30 Dec 2020 1:16 am

Tgt Ion:180 Resp: 815

Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.2	112.8
145	0.0	27.4	41.2#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_201110N_8260.m
Data File	: V05201229N20.d	Operator	: VOA105:MKS
Date Inj'd	: 12/30/2020 1:16 am	Instrument	: VOA 105
Sample	: 12056917-04,31,10,10,,a	Quant Date	: 12/30/2020 8:06 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N20.d
Acq On : 30 Dec 2020 1:16 am
Operator : VOA105:MKS
Sample : 12056917-04,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05201229N20.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.752	65	68	74	rBV	28795	47818	6.03%	1.246%
2	5.136	407	414	428	rBV	105985	248413	31.34%	6.476%
3	5.665	461	468	485	rBV	98221	238922	30.15%	6.228%
4	5.938	489	496	526	rVV	249218	602942	76.08%	15.717%
5	7.611	659	667	698	rVB	339780	792526	100.00%	20.659%
6	9.451	843	853	873	rBV	290113	684588	86.38%	17.846%
7	10.960	1000	1007	1027	rBB	242679	534637	67.46%	13.937%
8	12.164	1123	1130	1146	rBV	369818	686345	86.60%	17.891%

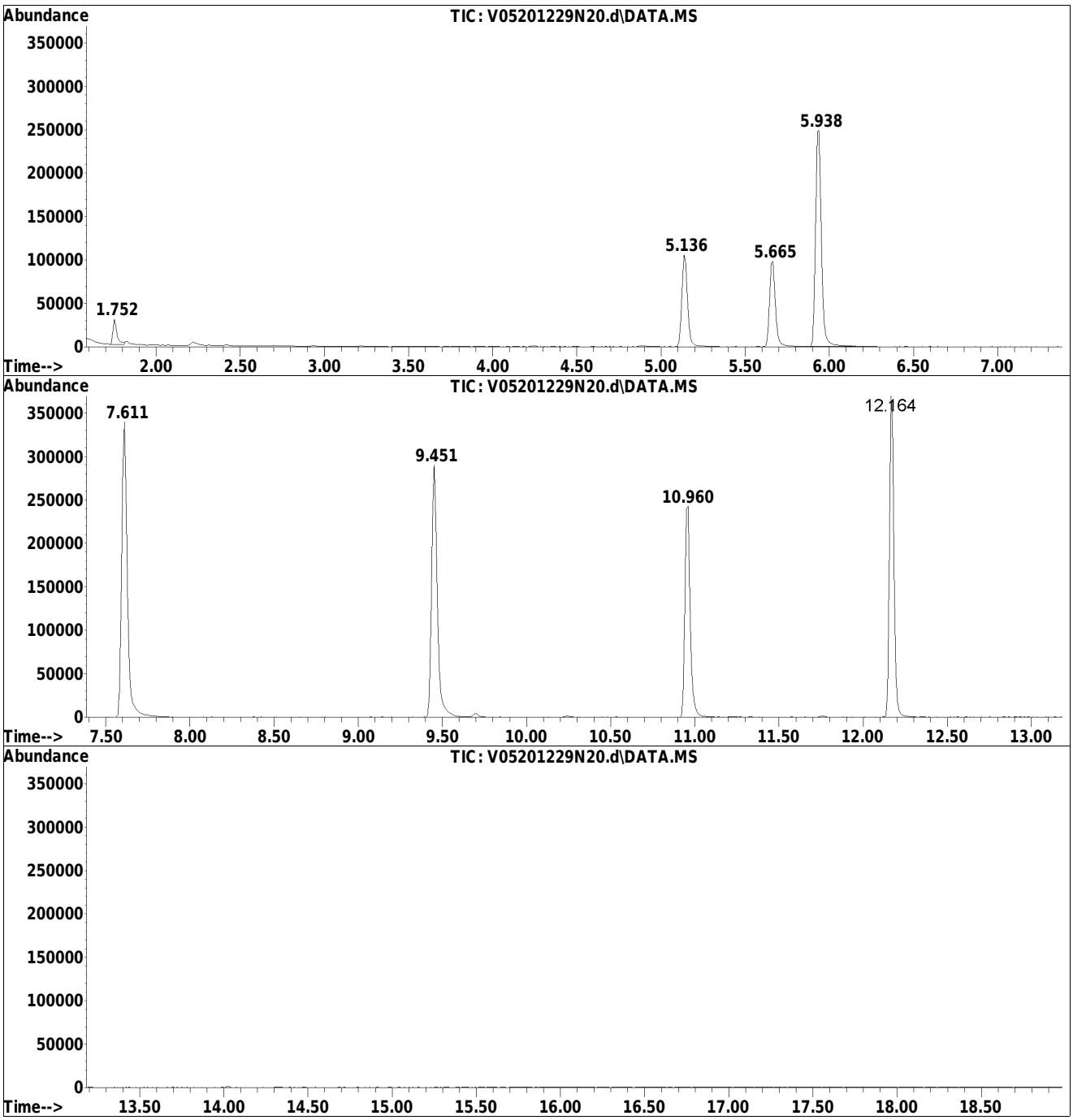
Sum of corrected areas: 3836191

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N20.d
Acq On : 30 Dec 2020 1:16 am
Operator : VOA105:MKS
Sample : 12056917-04,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 20 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N20.d
Acq On : 30 Dec 2020 1:16 am
Operator : VOA105:MKS
Sample : l2056917-04,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 20 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N20.d
Acq On : 30 Dec 2020 1:16 am
Operator : VOA105:MKS
Sample : 12056917-04,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 20 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N21.d
Acq On : 30 Dec 2020 1:40 am
Operator : VOA105:MKS
Sample : 12056917-05,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 30 08:11:28 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.939	96	274221	10.000 ug/L	0.00
Standard Area 1 = 312036			Recovery = 87.88%		
59) Chlorobenzene-d5	9.451	117	223645	10.000 ug/L	0.00
Standard Area 1 = 249232			Recovery = 89.73%		
79) 1,4-Dichlorobenzene-d4	12.165	152	113114	10.000 ug/L	0.00
Standard Area 1 = 132754			Recovery = 85.21%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.137	113	74418	10.205 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.05%		
43) 1,2-Dichloroethane-d4	5.665	65	85555	10.523 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.23%		
60) Toluene-d8	7.611	98	279047	10.423 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.23%		
83) 4-Bromofluorobenzene	10.950	95	105429	10.755 ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.55%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.801	50	318	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.193	94	99	N.D.	
6) Chloroethane	2.427	64	210	Below Cal #	41
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.936	76	685	N.D.	
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	4.872	56	208	N.D.	
32) Chloroform	0.000		0	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N21.d
Acq On : 30 Dec 2020 1:40 am
Operator : VOA105:MKS
Sample : 12056917-05,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 30 08:11:28 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.		
41) Benzene	5.538	78	323	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.670	92	3569	0.236	ug/L	95
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.510	91	1561	N.D.		
76) p/m Xylene	9.696	106	1997	0.170	ug/L	81
77) o Xylene	10.245	106	477	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	0.000		0	N.D.		
101) 1,4-Dichlorobenzene	0.000		0	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.026	180	456	N.D.		
111) 1,2,3-Trichlorobenzene	14.476	180	91	N.D.		

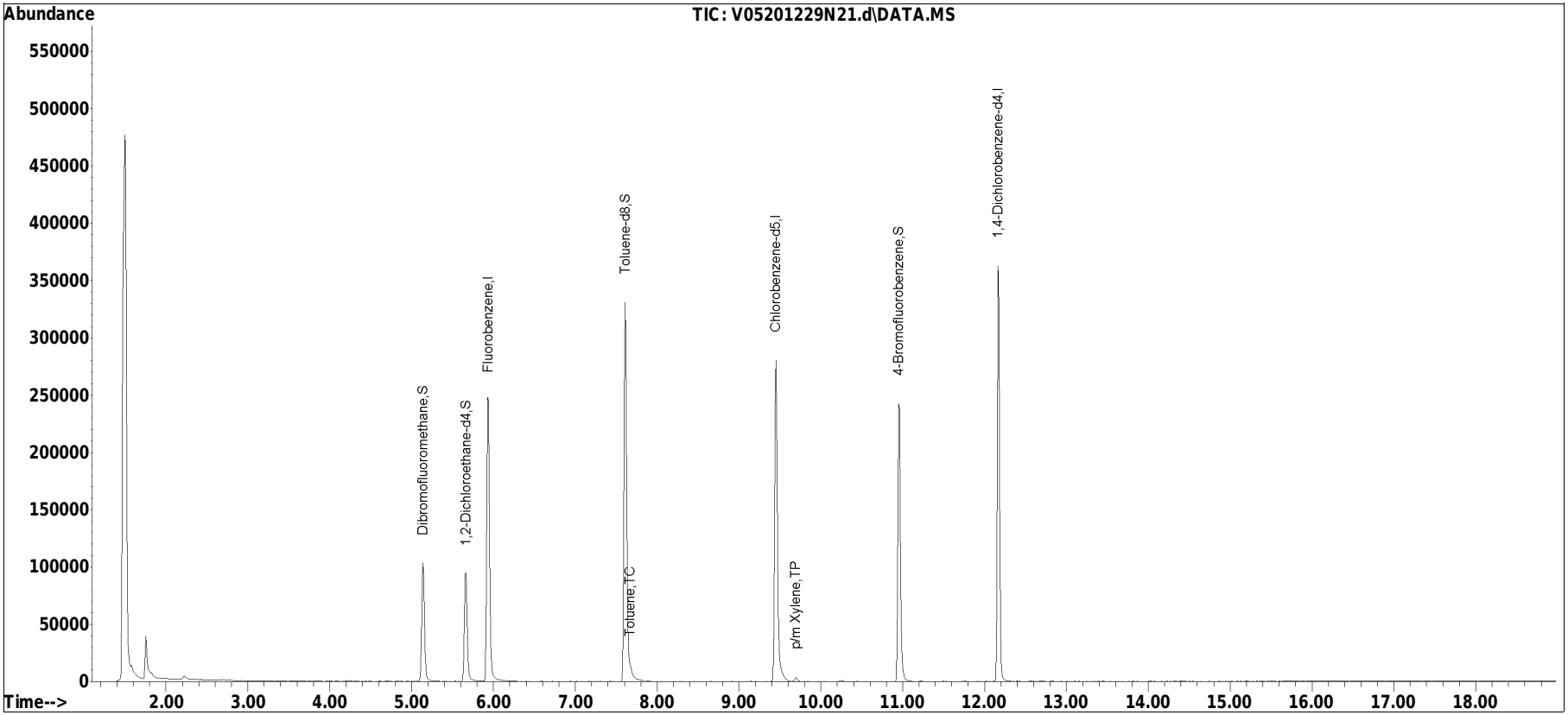
(#) = qualifier out of range (m) = manual integration (+) = signals summed

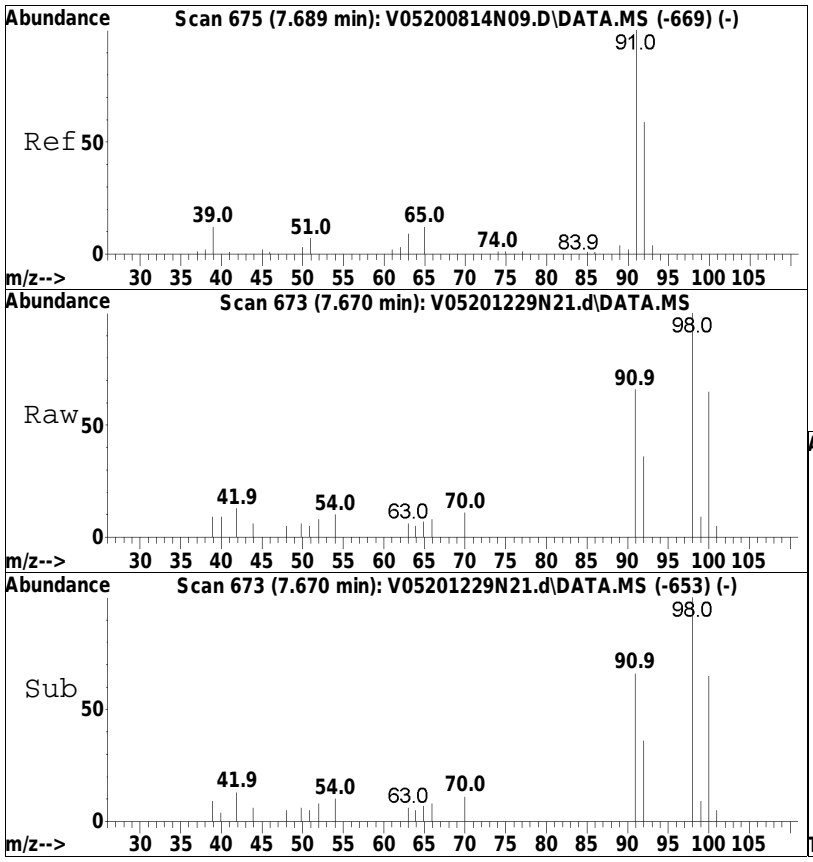
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N21.d
Acq On : 30 Dec 2020 1:40 am
Operator : VOA105:MKS
Sample : l2056917-05,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 30 08:11:28 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist1229N03.d•

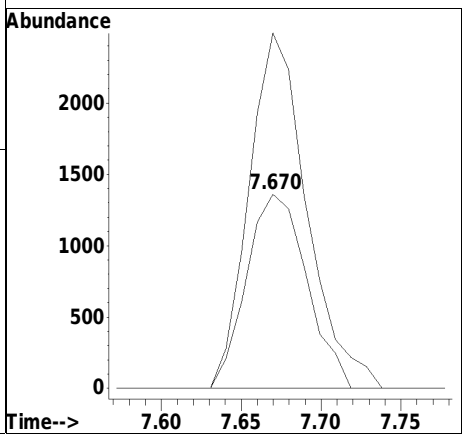


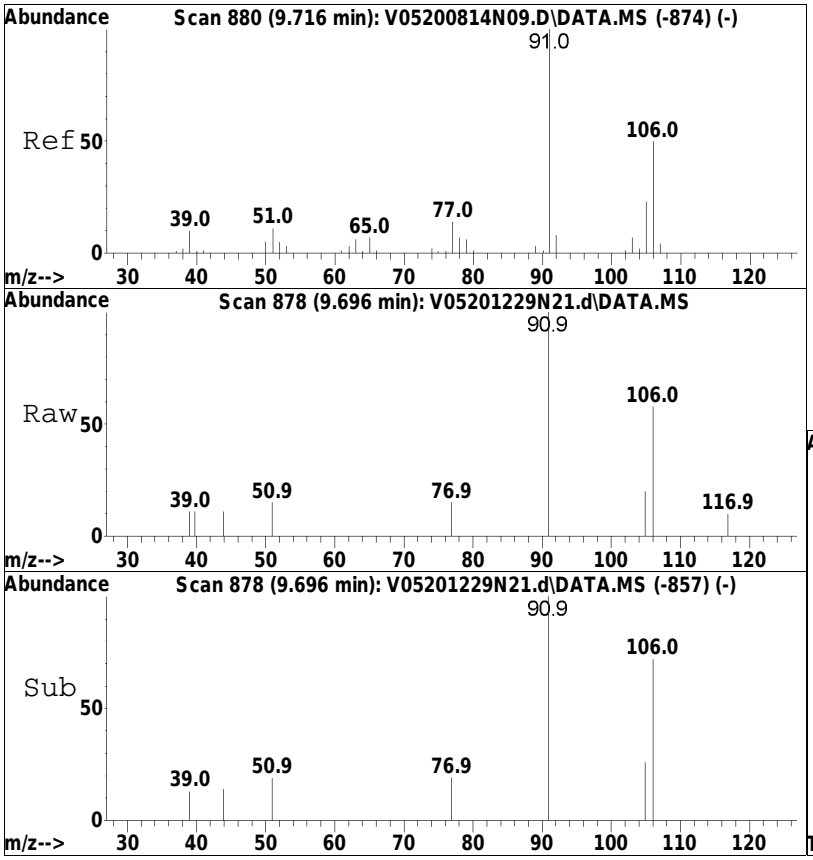


#61
Toluene
Concen: 0.24 ug/L
RT: 7.670 min Scan# 673
Delta R.T. -0.000 min
Lab File: V05201229N21.d
Acq: 30 Dec 2020 1:40 am

Tgt Ion: 92 Resp: 3569

Ion	Ratio	Lower	Upper
92	100		
91	176.0	135.2	202.8

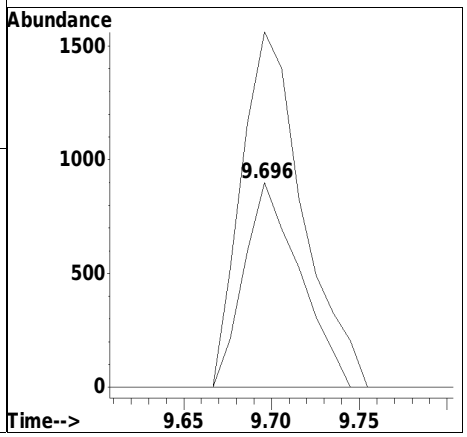




#76
p/m Xylene
Concen: 0.17 ug/L
RT: 9.696 min Scan# 878
Delta R.T. 0.010 min
Lab File: V05201229N21.d
Acq: 30 Dec 2020 1:40 am

Tgt Ion:106 Resp: 1997

Ion	Ratio	Lower	Upper
106	100		
91	191.0	177.2	265.8



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_201110N_8260.m
Data File	: V05201229N21.d	Operator	: VOA105:MKS
Date Inj'd	: 12/30/2020 1:40 am	Instrument	: VOA 105
Sample	: 12056917-05,31,10,10,,a	Quant Date	: 12/30/2020 8:06 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N21.d
Acq On : 30 Dec 2020 1:40 am
Operator : VOA105:MKS
Sample : 12056917-05,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 21 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05201229N21.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.752	65	68	89	rBV	37644	90790	11.61%	2.376%
2	5.137	405	414	427	rBV	103332	242816	31.04%	6.354%
3	5.655	461	467	480	rBV	94986	233013	29.79%	6.098%
4	5.929	487	495	524	rBV	248050	595411	76.11%	15.581%
5	7.611	658	667	691	rBV	331148	782261	100.00%	20.471%
6	9.451	845	853	872	rBV	280678	676265	86.45%	17.697%
7	10.950	1001	1006	1026	rBB	242509	527269	67.40%	13.798%
8	12.165	1122	1130	1145	rBV	362751	673468	86.09%	17.624%

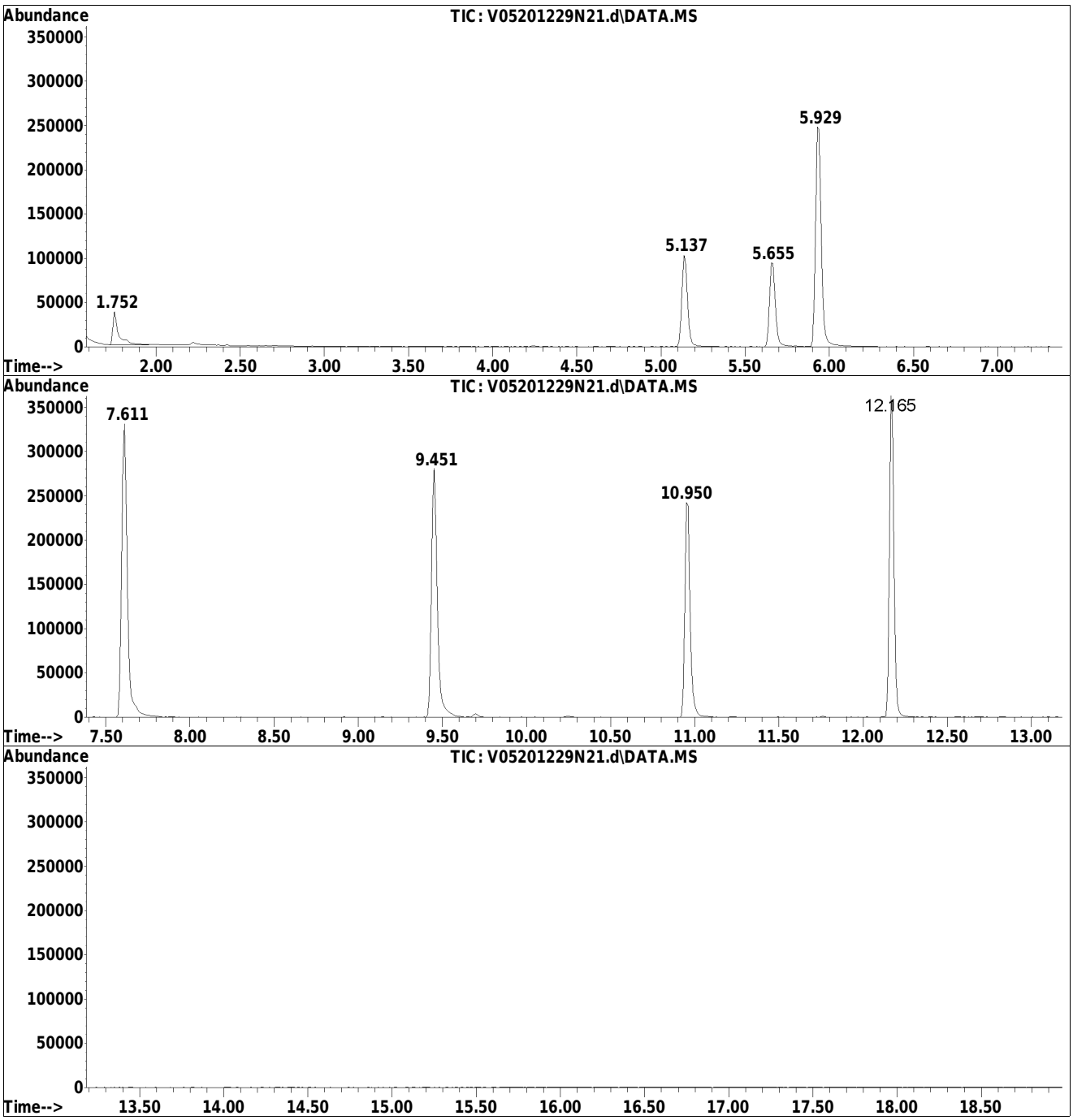
Sum of corrected areas: 3821293

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N21.d
Acq On : 30 Dec 2020 1:40 am
Operator : VOA105:MKS
Sample : 12056917-05,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 21 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N21.d
Acq On : 30 Dec 2020 1:40 am
Operator : VOA105:MKS
Sample : 12056917-05,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 21 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

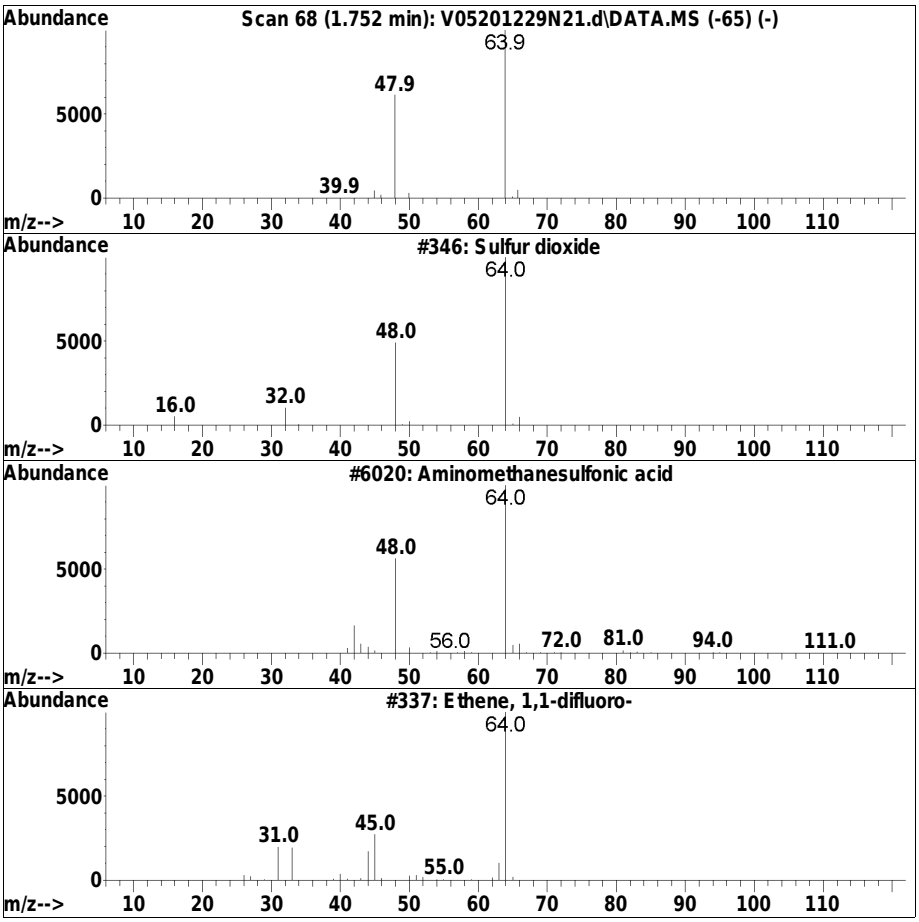
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

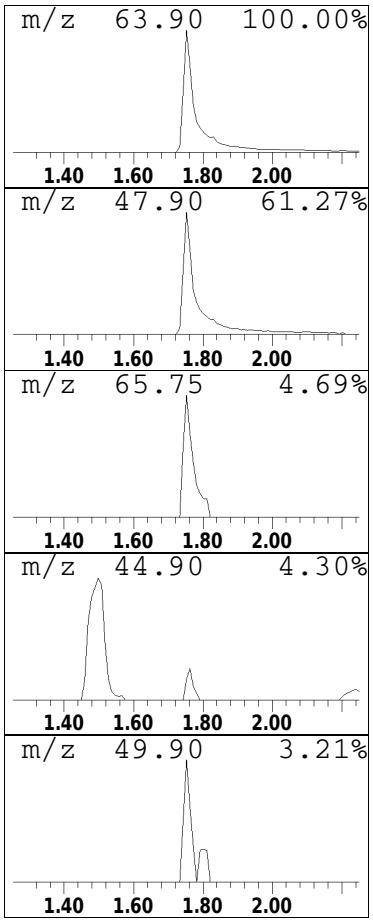
****

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.752	1.52 ug/L	90790	Fluorobenzene	5.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
3	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7
4	Cysteic acid	169	C3H7NO5S	1000131-23-1	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N21.d
Acq On : 30 Dec 2020 1:40 am
Operator : VOA105:MKS
Sample : 12056917-05,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 21 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.752	1.5	ug/L	90790	1	5.939	595411	10.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N22.d
Acq On : 30 Dec 2020 2:03 am
Operator : VOA105:MKS
Sample : 12056917-06,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 30 08:11:44 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.929	96	273135	10.000	ug/L	-0.01
Standard Area 1 = 312036			Recovery = 87.53%			
59) Chlorobenzene-d5	9.451	117	224246	10.000	ug/L	0.00
Standard Area 1 = 249232			Recovery = 89.97%			
79) 1,4-Dichlorobenzene-d4	12.165	152	116848	10.000	ug/L	0.00
Standard Area 1 = 132754			Recovery = 88.02%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.137	113	75408	10.382	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.82%			
43) 1,2-Dichloroethane-d4	5.665	65	85753	10.589	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.89%			
60) Toluene-d8	7.611	98	281797	10.497	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.97%			
83) 4-Bromofluorobenzene	10.950	95	105654	10.433	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.33%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.821	50	94	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	2.369	64	108	Below Cal #		41
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.936	76	440	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.513	43	27755	25.722	ug/L	98
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N22.d
Acq On : 30 Dec 2020 2:03 am
Operator : VOA105:MKS
Sample : 12056917-06,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 30 08:11:44 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0	N.D.		
39)	2-Butanone	0.000		0	N.D.		
41)	Benzene	0.000		0	N.D.		
44)	1,2-Dichloroethane	0.000		0	N.D.		
47)	Methyl cyclohexane	0.000		0	N.D.		
48)	Trichloroethene	0.000		0	N.D.		
51)	1,2-Dichloropropane	0.000		0	N.D.		
54)	Bromodichloromethane	0.000		0	N.D.		
57)	1,4-Dioxane	0.000		0	N.D.		
58)	cis-1,3-Dichloropropene	0.000		0	N.D.		
61)	Toluene	0.000		0	N.D.		
62)	4-Methyl-2-pentanone	0.000		0	N.D.		
63)	Tetrachloroethene	8.120	166	103	N.D.		
65)	trans-1,3-Dichloropropene	0.000		0	N.D.		
68)	1,1,2-Trichloroethane	0.000		0	N.D.		
69)	Chlorodibromomethane	0.000		0	N.D.		
71)	1,2-Dibromoethane	0.000		0	N.D.		
72)	2-Hexanone	0.000		0	N.D.		
73)	Chlorobenzene	0.000		0	N.D.		
74)	Ethylbenzene	9.451	91	332	N.D.		
76)	p/m Xylene	0.000		0	N.D.		
77)	o Xylene	0.000		0	N.D.		
78)	Styrene	0.000		0	N.D.		
80)	Bromoform	0.000		0	N.D.		
82)	Isopropylbenzene	0.000		0	N.D.		
87)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100)	1,3-Dichlorobenzene	0.000		0	N.D.		
101)	1,4-Dichlorobenzene	0.000		0	N.D.		
104)	1,2-Dichlorobenzene	0.000		0	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	14.026	180	405	N.D.		
111)	1,2,3-Trichlorobenzene	14.486	180	88	N.D.		

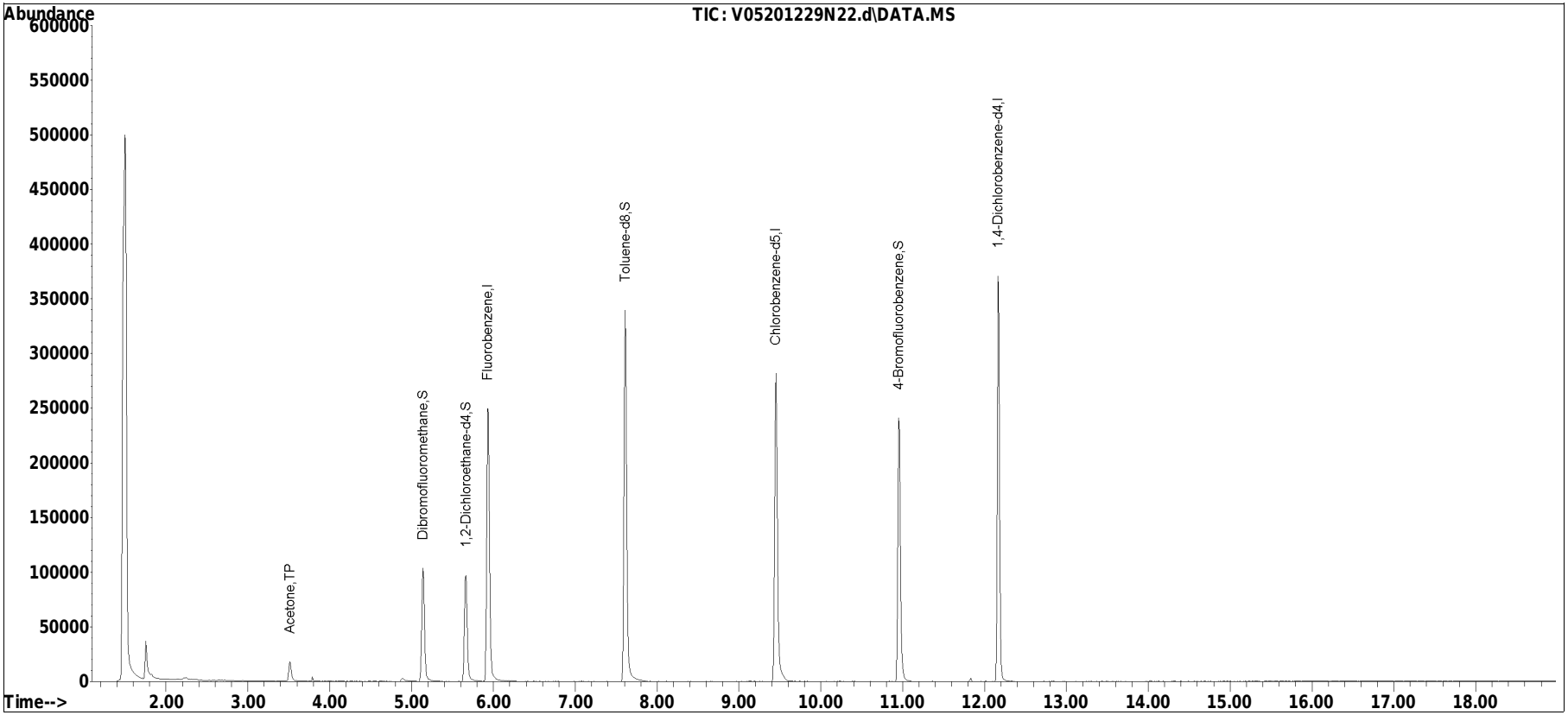
(#) = qualifier out of range (m) = manual integration (+) = signals summed

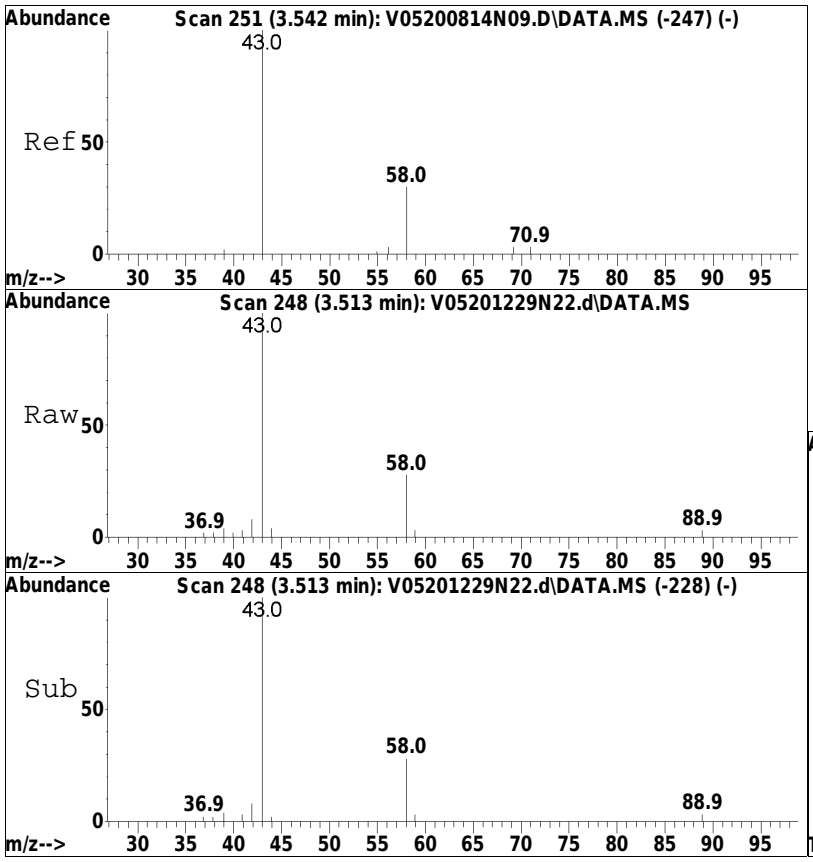
Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N22.d
Acq On : 30 Dec 2020 2:03 am
Operator : VOA105:MKS
Sample : l2056917-06,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 30 08:11:44 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist1229N03.d•

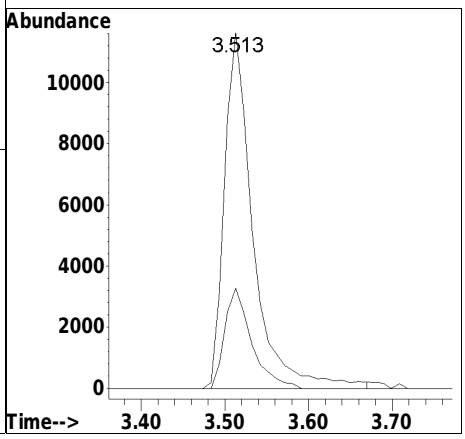




#17
Acetone
Concen: 25.72 ug/L
RT: 3.513 min Scan# 248
Delta R.T. 0.000 min
Lab File: V05201229N22.d
Acq: 30 Dec 2020 2:03 am

Tgt Ion: 43 Resp: 27755

Ion	Ratio	Lower	Upper
43	100		
58	26.3	22.0	33.0



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_201110N_8260.m
Data File	: V05201229N22.d	Operator	: VOA105:MKS
Date Inj'd	: 12/30/2020 2:03 am	Instrument	: VOA 105
Sample	: 12056917-06,31,10,10,,a	Quant Date	: 12/30/2020 8:06 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N22.d
Acq On : 30 Dec 2020 2:03 am
Operator : VOA105:MKS
Sample : 12056917-06,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05201229N22.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.752	65	68	99	rVB	34870	81435	10.46%	2.102%
2	3.513	239	248	259	rBV	18285	43518	5.59%	1.124%
3	5.137	407	414	430	rBV	103834	248773	31.94%	6.423%
4	5.665	462	468	488	rBB	97370	238599	30.64%	6.160%
5	5.929	488	495	519	rBV	250083	599467	76.97%	15.477%
6	7.611	659	667	693	rBV	339703	778795	100.00%	20.107%
7	9.451	847	853	875	rBV	282294	674891	86.66%	17.424%
8	10.950	1001	1006	1024	rVB	241342	527805	67.77%	13.627%
9	12.165	1125	1130	1145	rBV	370953	680016	87.32%	17.557%

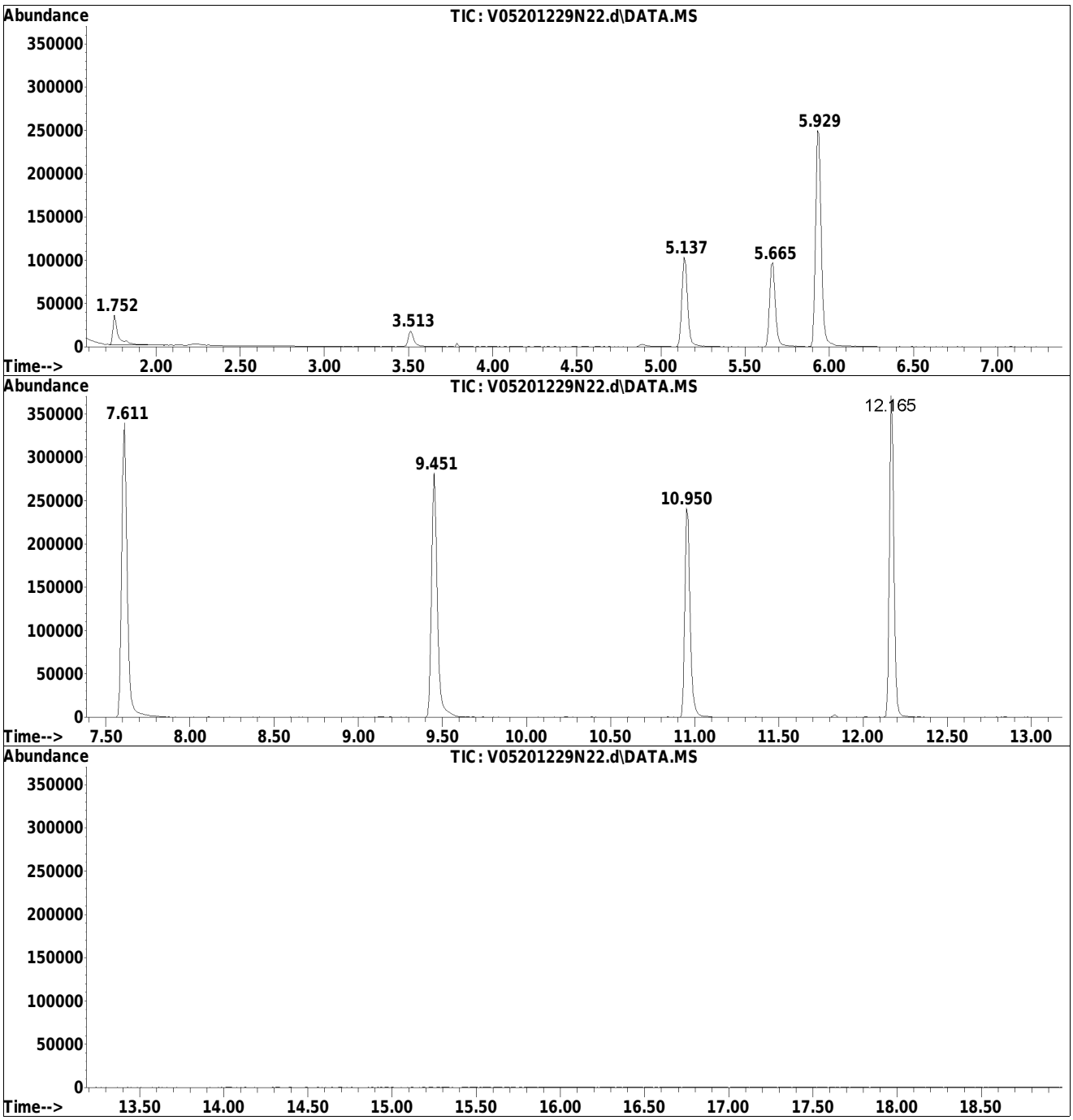
Sum of corrected areas: 3873299

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N22.d
Acq On : 30 Dec 2020 2:03 am
Operator : VOA105:MKS
Sample : 12056917-06,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 22 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N22.d
Acq On : 30 Dec 2020 2:03 am
Operator : VOA105:MKS
Sample : 12056917-06,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 22 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

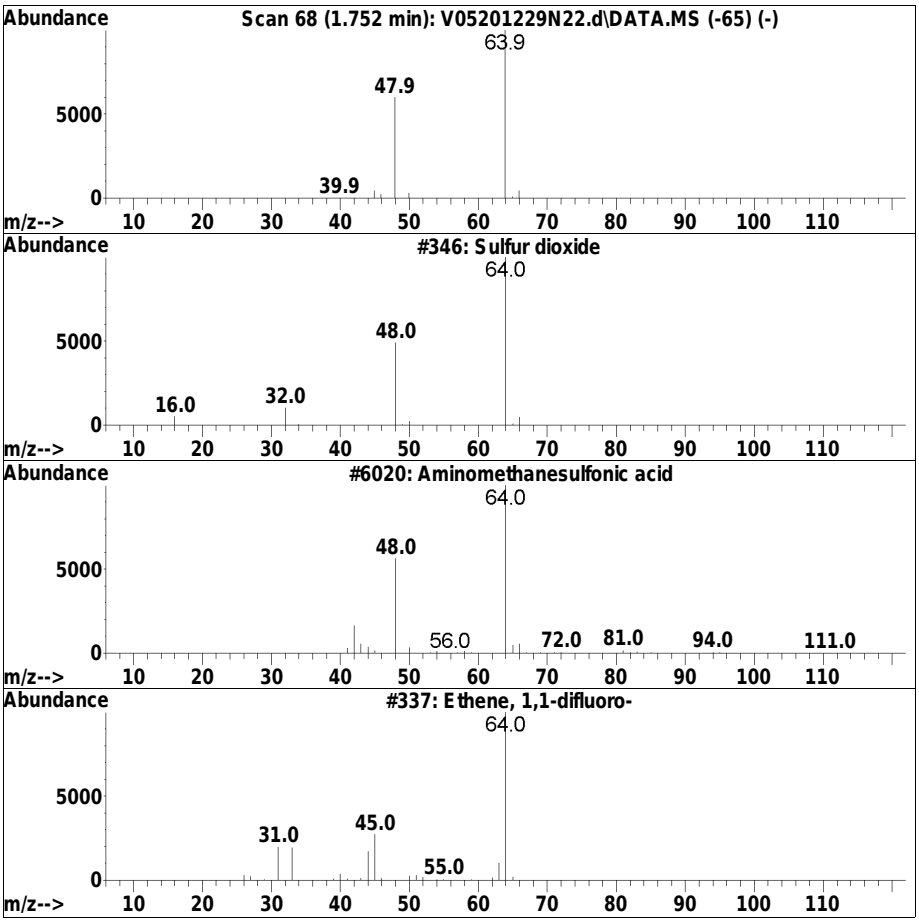
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

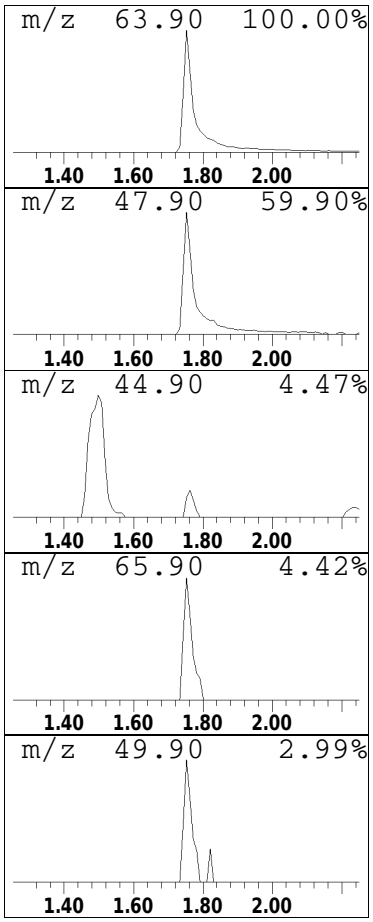
****

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.752	1.36 ug/L	81435	Fluorobenzene	5.929

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
3	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7
4	Cysteic acid	169	C3H7NO5S	1000131-23-1	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N22.d
Acq On : 30 Dec 2020 2:03 am
Operator : VOA105:MKS
Sample : 12056917-06,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 22 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.752	1.4	ug/L	81435	1	5.929	599467	10.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N23.d
Acq On : 30 Dec 2020 2:27 am
Operator : VOA105:MKS
Sample : 12056917-07,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 30 08:12:01 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.938	96	274869	10.000 ug/L	0.00
Standard Area 1 = 312036			Recovery =	88.09%	
59) Chlorobenzene-d5	9.451	117	223970	10.000 ug/L	0.00
Standard Area 1 = 249232			Recovery =	89.86%	
79) 1,4-Dichlorobenzene-d4	12.164	152	115365	10.000 ug/L	0.00
Standard Area 1 = 132754			Recovery =	86.90%	
System Monitoring Compounds					
36) Dibromofluoromethane	5.136	113	74887	10.245 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	102.45%	
43) 1,2-Dichloroethane-d4	5.665	65	86290	10.588 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.88%	
60) Toluene-d8	7.611	98	280122	10.448 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.48%	
83) 4-Bromofluorobenzene	10.950	95	106002	10.602 ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	106.02%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.801	50	420	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	2.300	64	464	Below Cal #	41
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.936	76	450	N.D.	
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N23.d
Acq On : 30 Dec 2020 2:27 am
Operator : VOA105:MKS
Sample : 12056917-07,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 30 08:12:01 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0	N.D.		
39)	2-Butanone	0.000		0	N.D.		
41)	Benzene	0.000		0	N.D.		
44)	1,2-Dichloroethane	0.000		0	N.D.		
47)	Methyl cyclohexane	0.000		0	N.D.		
48)	Trichloroethene	0.000		0	N.D.		
51)	1,2-Dichloropropane	0.000		0	N.D.		
54)	Bromodichloromethane	0.000		0	N.D.		
57)	1,4-Dioxane	0.000		0	N.D.		
58)	cis-1,3-Dichloropropene	0.000		0	N.D.		
61)	Toluene	0.000		0	N.D.		
62)	4-Methyl-2-pentanone	0.000		0	N.D.		
63)	Tetrachloroethene	0.000		0	N.D.		
65)	trans-1,3-Dichloropropene	0.000		0	N.D.		
68)	1,1,2-Trichloroethane	0.000		0	N.D.		
69)	Chlorodibromomethane	0.000		0	N.D.		
71)	1,2-Dibromoethane	0.000		0	N.D.		
72)	2-Hexanone	0.000		0	N.D.		
73)	Chlorobenzene	0.000		0	N.D.		
74)	Ethylbenzene	9.451	91	200	N.D.		
76)	p/m Xylene	0.000		0	N.D.		
77)	o Xylene	0.000		0	N.D.		
78)	Styrene	0.000		0	N.D.		
80)	Bromoform	0.000		0	N.D.		
82)	Isopropylbenzene	0.000		0	N.D.		
87)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100)	1,3-Dichlorobenzene	0.000		0	N.D.		
101)	1,4-Dichlorobenzene	0.000		0	N.D.		
104)	1,2-Dichlorobenzene	0.000		0	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	14.026	180	245	N.D.		
111)	1,2,3-Trichlorobenzene	0.000		0	N.D.		

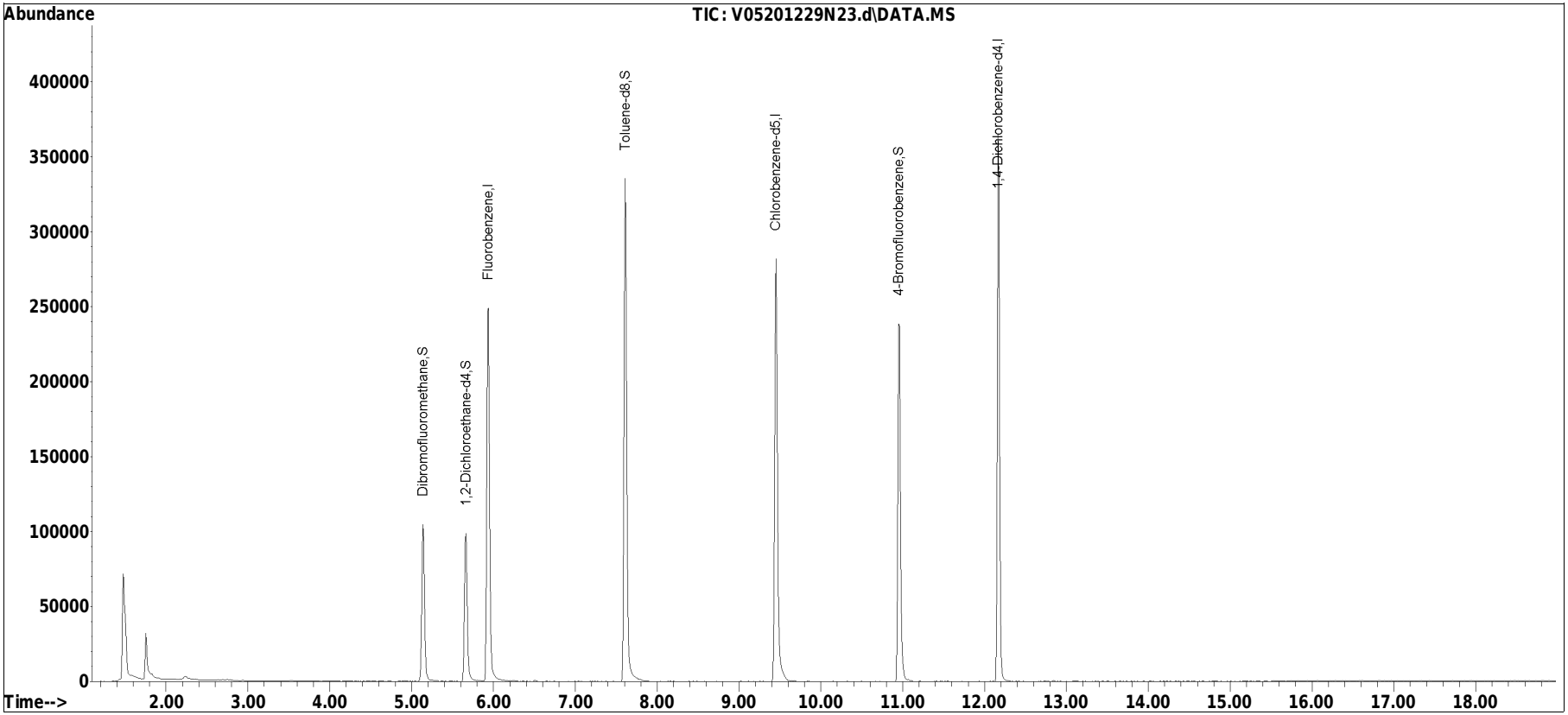
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N23.d
Acq On : 30 Dec 2020 2:27 am
Operator : VOA105:MKS
Sample : l2056917-07,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 30 08:12:01 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

Sub List : 8260-NJ+TBA - Standard NJ plus TBA Sublist1229N03.d•



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_201110N_8260.m
Data File	: V05201229N23.d	Operator	: VOA105:MKS
Date Inj'd	: 12/30/2020 2:27 am	Instrument	: VOA 105
Sample	: l2056917-07,31,10,10,,a	Quant Date	: 12/30/2020 8:06 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N23.d
Acq On : 30 Dec 2020 2:27 am
Operator : VOA105:MKS
Sample : 12056917-07,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05201229N23.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.752	65	68	88	rBV	30542	68012	8.82%	1.792%
2	5.136	407	414	424	rBV	104719	242974	31.51%	6.402%
3	5.665	459	468	481	rBV	98721	236883	30.72%	6.241%
4	5.938	490	496	522	rBV	248854	595134	77.18%	15.680%
5	7.611	660	667	691	rBV	335526	771114	100.00%	20.317%
6	9.451	844	853	874	rBV	282256	675913	87.65%	17.808%
7	10.950	1001	1006	1026	rBB	238686	531088	68.87%	13.993%
8	12.164	1122	1130	1147	rBV	364895	674358	87.45%	17.767%

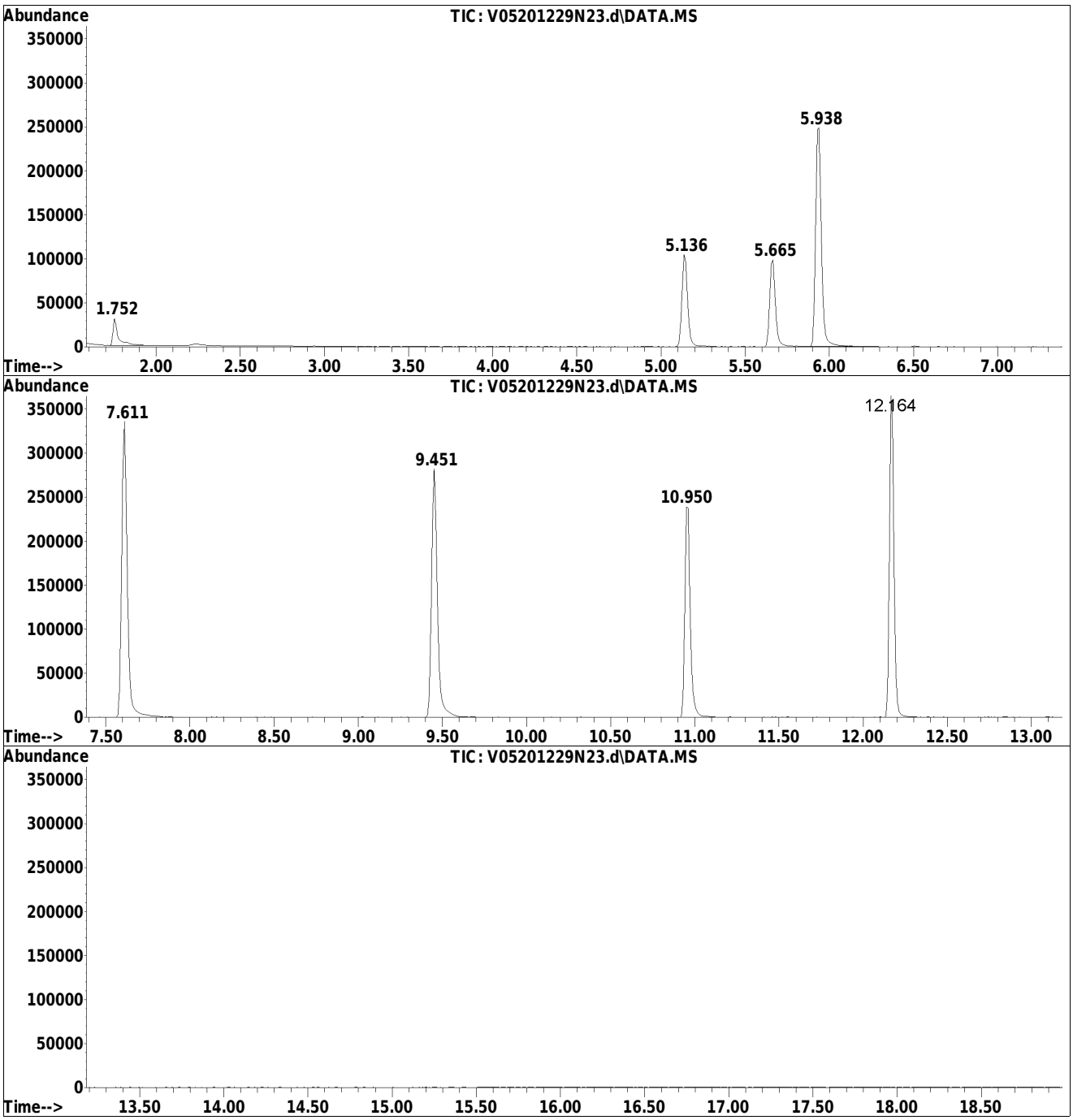
Sum of corrected areas: 3795476

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N23.d
Acq On : 30 Dec 2020 2:27 am
Operator : VOA105:MKS
Sample : 12056917-07,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 23 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N23.d
Acq On : 30 Dec 2020 2:27 am
Operator : VOA105:MKS
Sample : 12056917-07,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 23 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

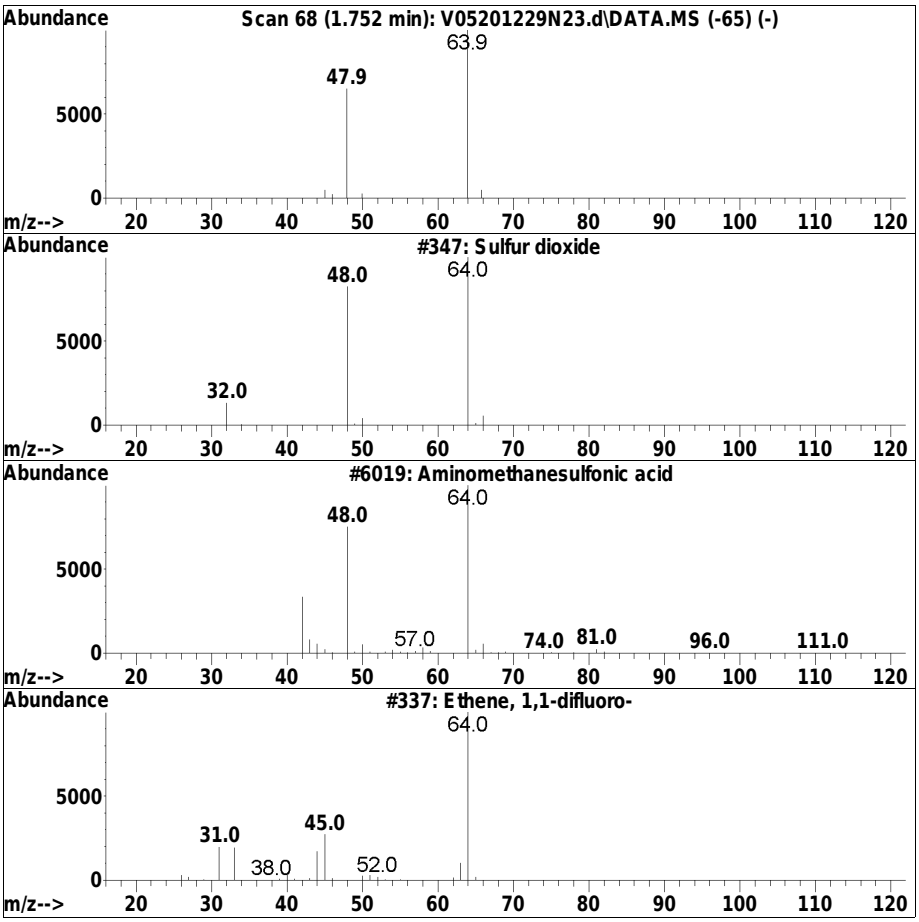
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

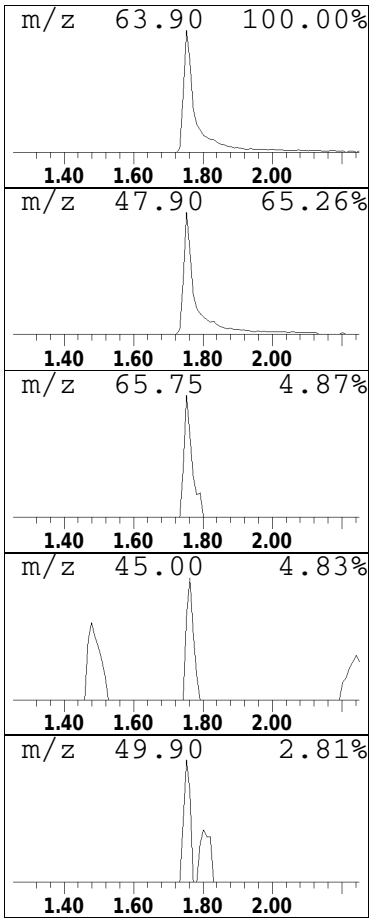
****

Peak Number 1 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.752	1.14 ug/L	68012	Fluorobenzene	5.938

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
3	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	3
5	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	3





Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N23.d
Acq On : 30 Dec 2020 2:27 am
Operator : VOA105:MKS
Sample : 12056917-07,31,10,10,,a
Misc : WG1450355,ICAL17339
ALS Vial : 23 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	# RT	Resp	Conc
Unknown	1.752	1.1	ug/L	68012	1 5.938	595134	10.0

Method Blank
Raw Data

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\201229A\
Data File : V05201229A04.d
Acq On : 29 Dec 2020 8:25 am
Operator : VOA105:PD
Sample : WG1449844-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1449844,ICAL17339 (Sig #1); WG,ICAL17339 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\201229A\V105_201110N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05201229A04.d\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.753	65	68	82	rBV	28394	59879	7.43%	1.517%
2	5.137	407	414	435	rVB	107987	260164	32.30%	6.592%
3	5.665	461	468	484	rBV	102539	247485	30.72%	6.271%
4	5.929	489	495	518	rVV	258697	621954	77.21%	15.760%
5	7.611	660	667	691	rBV	349406	805527	100.00%	20.411%
6	9.451	846	853	875	rBV	292121	695305	86.32%	17.618%
7	10.950	1001	1006	1028	rVB	249630	551574	68.47%	13.976%
8	12.165	1126	1130	1144	rBV	382340	704645	87.48%	17.855%

Sum of corrected areas: 3946533

Signal : TIC: V05201229A04.d\datasim.ms

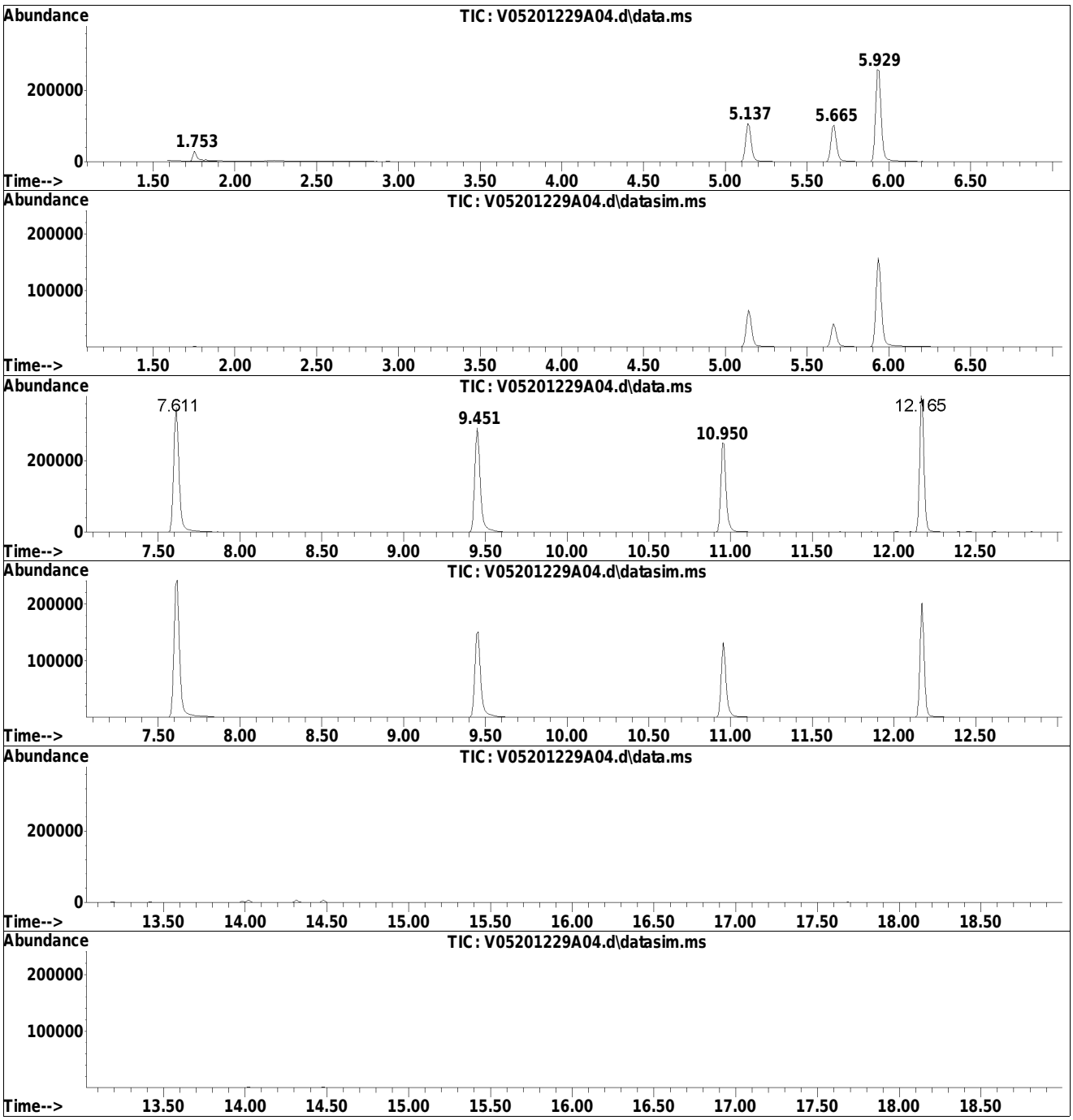
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total

No peaks were detected using the above RTE integration parameters!

Data Path : I:\VOLATILES\VOA105\2020\201229A\
Data File : V05201229A04.d
Acq On : 29 Dec 2020 8:25 am
Operator : VOA105:PD
Sample : WG1449844-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1449844,ICAL17339 (Sig #1); WG,ICAL17339 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229A\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA105\2020\201229A\
Data File : V05201229A04.d
Acq On : 29 Dec 2020 8:25 am
Operator : VOA105:PD
Sample : WG1449844-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1449844,ICAL17339 (Sig #1); WG,ICAL17339 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229A\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\201229A\
Data File : V05201229A04.d
Acq On : 29 Dec 2020 8:25 am
Operator : VOA105:PD
Sample : WG1449844-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1449844,ICAL17339 (Sig #1); WG,ICAL17339 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229A\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229A\
Data File : V05201229A04.d
Acq On : 29 Dec 2020 8:25 am
Operator : VOA105:PD
Sample : WG1449844-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1449844,ICAL17339 (Sig #1); WG,ICAL17339 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 29 08:58:39 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229A\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229A\V05201229A01.d
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.939	96	288524	10.000 ug/L	0.00
Standard Area 1 = 301630			Recovery =	95.65%	
59) Chlorobenzene-d5	9.451	117	233089	10.000 ug/L	0.00
Standard Area 1 = 240729			Recovery =	96.83%	
79) 1,4-Dichlorobenzene-d4	12.165	152	120905	10.000 ug/L	0.00
Standard Area 1 = 128238			Recovery =	94.28%	
System Monitoring Compounds					
36) Dibromofluoromethane	5.137	113	77714	10.129 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.29%	
43) 1,2-Dichloroethane-d4	5.665	65	89155	10.422 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.22%	
60) Toluene-d8	7.611	98	292221	10.472 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	104.72%	
83) 4-Bromofluorobenzene	10.950	95	110996	10.593 ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery =	105.93%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.811	50	381	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.183	94	236	N.D.	
6) Chloroethane	0.000		0	N.D. d	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.936	76	406	N.D.	
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	0.000		0	N.D.	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	

Data Path : I:\VOLATILES\VOA105\2020\201229A\
Data File : V05201229A04.d
Acq On : 29 Dec 2020 8:25 am
Operator : VOA105:PD
Sample : WG1449844-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1449844,ICAL17339 (Sig #1); WG,ICAL17339 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 29 08:58:39 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229A\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229A\V05201229A01.d
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.510	91	95	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	10.362	104	88	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.627	105	219	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	12.096	146	679	N.D.		
101) 1,4-Dichlorobenzene	12.184	146	848	N.D.		
104) 1,2-Dichlorobenzene	12.615	146	730	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.016	180	2817	0.361	ug/L #	94
111) 1,2,3-Trichlorobenzene	14.477	180	2680	0.435	ug/L #	93

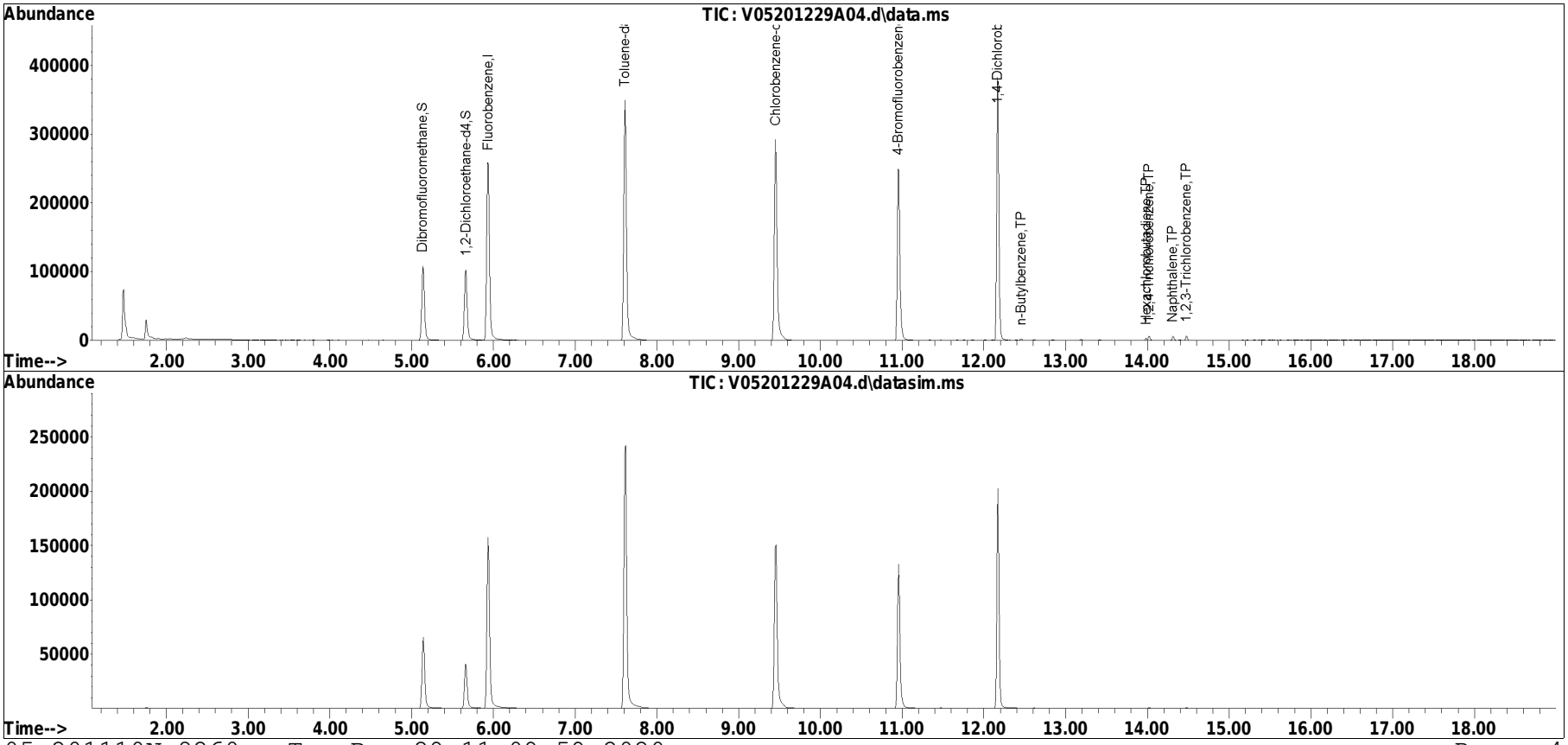
(#) = qualifier out of range (m) = manual integration (+) = signals summed

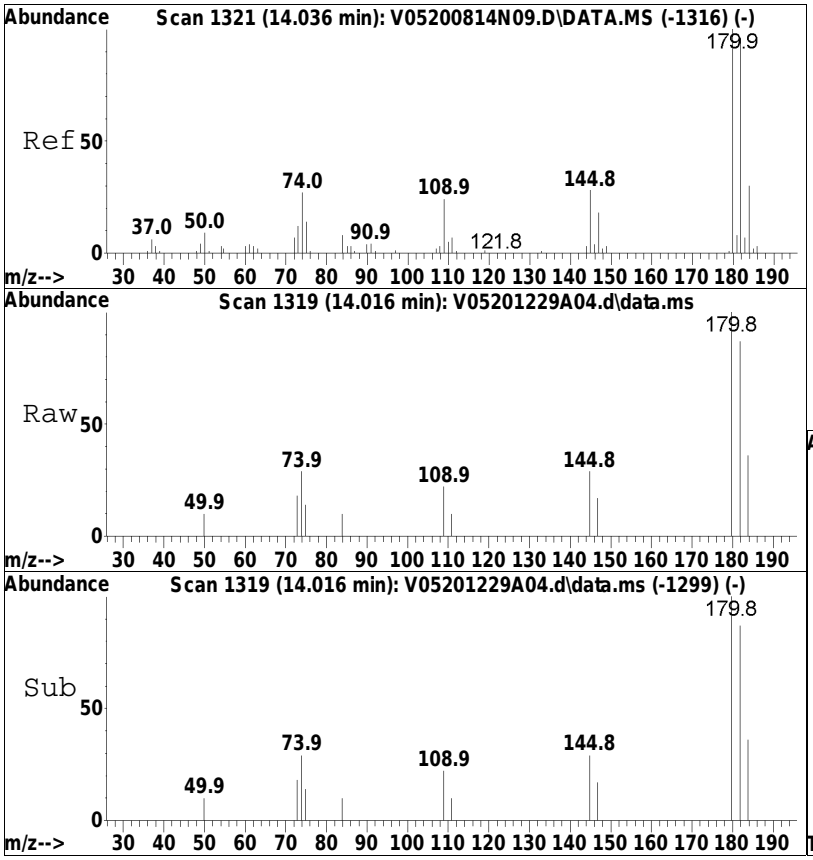
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229A\
Data File : V05201229A04.d
Acq On : 29 Dec 2020 8:25 am
Operator : VOA105:PD
Sample : WG1449844-5,31,10,10 (Sig #1); METHOD BLK (Sig #2)
Misc : WG1449844,ICAL17339 (Sig #1); WG,ICAL17339 (Sig #2)
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 29 08:58:39 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229A\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane•

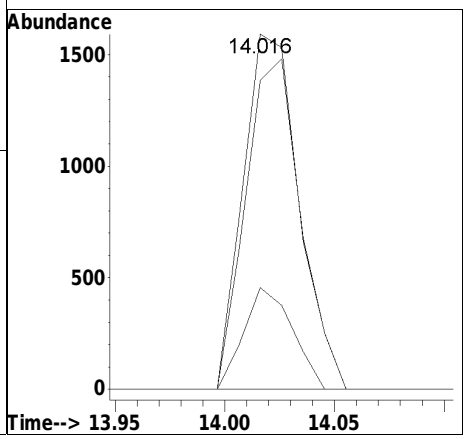


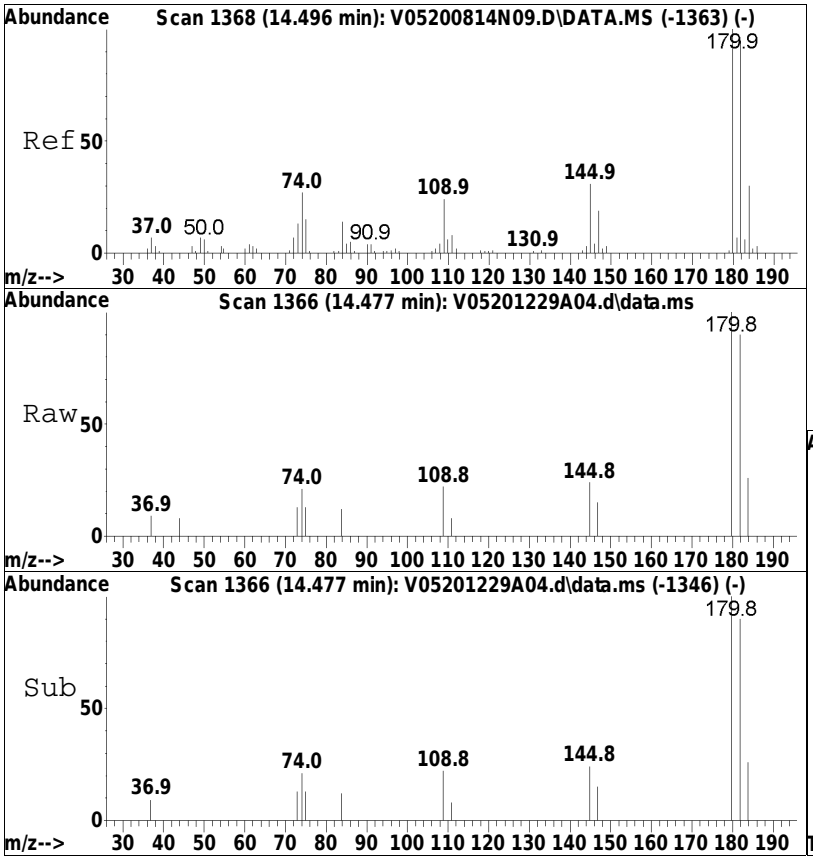


#109
1,2,4-Trichlorobenzene
Concen: 0.36 ug/L
RT: 14.016 min Scan# 1319
Delta R.T. 0.000 min
Lab File: V05201229A04.d
Acq: 29 Dec 2020 8:25 am

Tgt Ion:180 Resp: 2817

Ion	Ratio	Lower	Upper
180	100		
182	92.0	75.2	112.8
145	25.0	27.4	41.2#

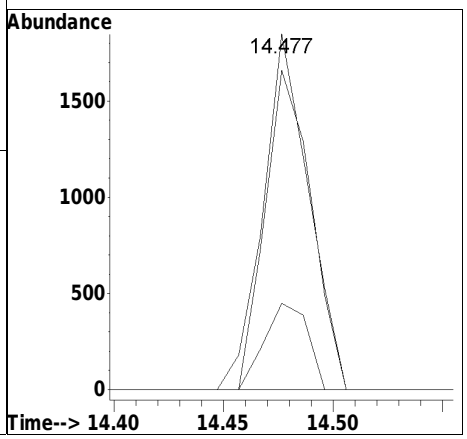




#111
1,2,3-Trichlorobenzene
Concen: 0.44 ug/L
RT: 14.477 min Scan# 1366
Delta R.T. -0.000 min
Lab File: V05201229A04.d
Acq: 29 Dec 2020 8:25 am

Tgt Ion:180 Resp: 2680

Ion	Ratio	Lower	Upper
180	100		
182	91.3	75.5	113.3
145	22.9	26.5	39.7#



Manual Integration Report

Data Path	: I:\VOLATILES\VOA105\2020\2	QMethod	: V105_201110N_8260.m
Data File	: V05201229A04.d	Operator	: VOA105:PD
Date Inj'd	: 12/29/2020 8:25 am	Instrument	: VOA 105
Sample	: WG1449844-5,31,10,10	Quant Date	: 12/29/2020 8:58 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N06.d
Acq On : 29 Dec 2020 7:49 pm
Operator : VOA105:LAC
Sample : WG1450355-5,31,10,10
Misc : WG1450355,ICAL17339
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 29 20:47:22 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.929	96	299769	10.000	ug/L	-0.01
Standard Area 1 = 312036			Recovery = 96.07%			
59) Chlorobenzene-d5	9.451	117	242859	10.000	ug/L	0.00
Standard Area 1 = 249232			Recovery = 97.44%			
79) 1,4-Dichlorobenzene-d4	12.164	152	125485	10.000	ug/L	0.00
Standard Area 1 = 132754			Recovery = 94.52%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.136	113	81230	10.190	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.90%			
43) 1,2-Dichloroethane-d4	5.665	65	91294	10.272	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.72%			
60) Toluene-d8	7.611	98	301979	10.387	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.87%			
83) 4-Bromofluorobenzene	10.950	95	116596	10.721	ug/L	-0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.21%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.	d	
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.183	94	300	N.D.		
6) Chloroethane	0.000		0	N.D.	d	
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.936	76	567	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.464	84	197	N.D.		
17) Acetone	0.000		0	N.D.		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N06.d
Acq On : 29 Dec 2020 7:49 pm
Operator : VOA105:LAC
Sample : WG1450355-5,31,10,10
Misc : WG1450355,ICAL17339
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 29 20:47:22 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\VOLATILES\VOA105\2020\201229N\V05201229N03.d
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	0.000		0	N.D.		
39) 2-Butanone	0.000		0	N.D.		
41) Benzene	0.000		0	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	9.471	112	88	N.D.		
74) Ethylbenzene	9.510	91	376	N.D.		
76) p/m Xylene	9.706	106	92	N.D.		
77) o Xylene	10.244	106	282	N.D.		
78) Styrene	10.333	104	667	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.627	105	593	N.D.		
87) 1,1,2,2-Tetrachloroethane	11.214	83	102	N.D.		
100) 1,3-Dichlorobenzene	12.096	146	1001	N.D.		
101) 1,4-Dichlorobenzene	12.184	146	1274M3	0.088	ug/L	
104) 1,2-Dichlorobenzene	12.615	146	1344	0.104	ug/L	85
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.016	180	3575	0.441	ug/L #	95
111) 1,2,3-Trichlorobenzene	14.476	180	4545	0.711	ug/L	93

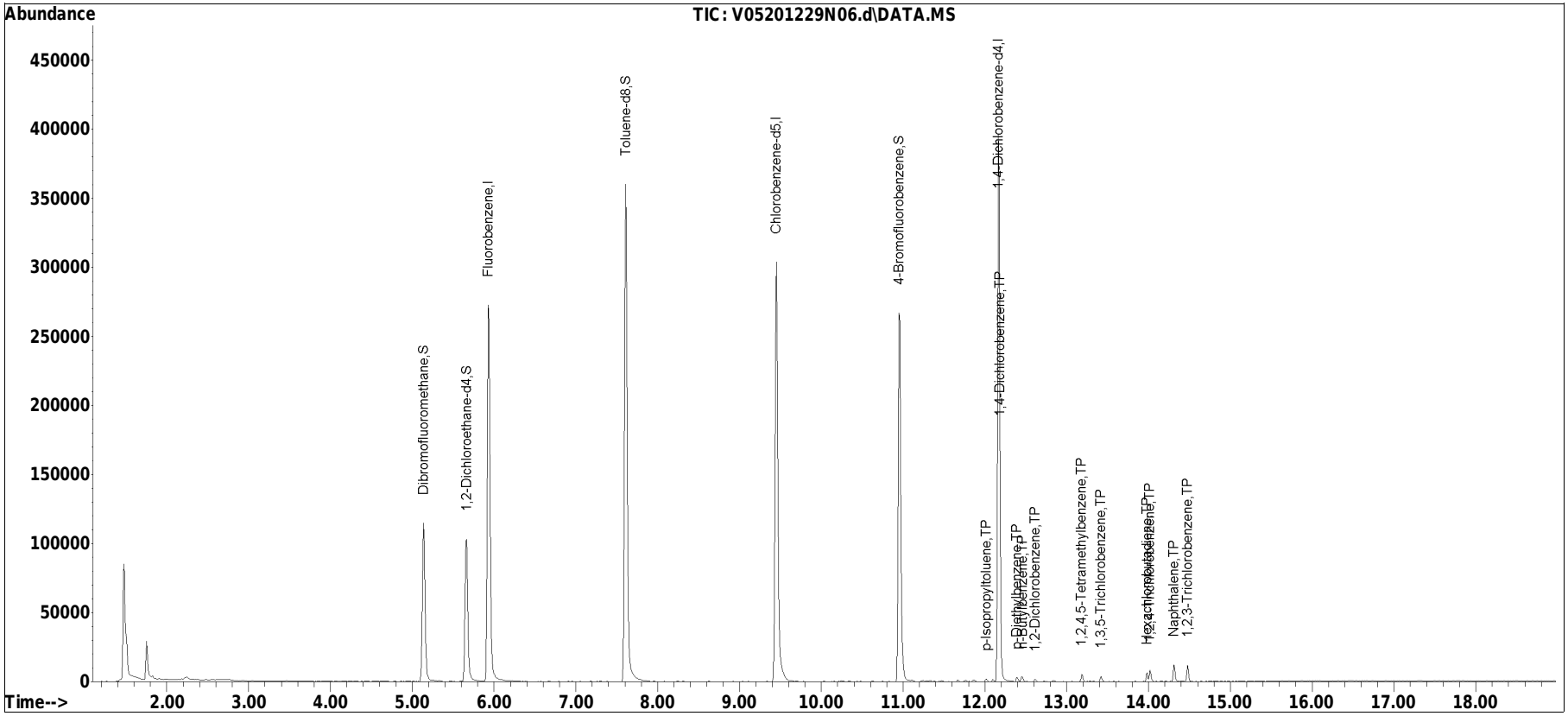
(#) = qualifier out of range (m) = manual integration (+) = signals summed

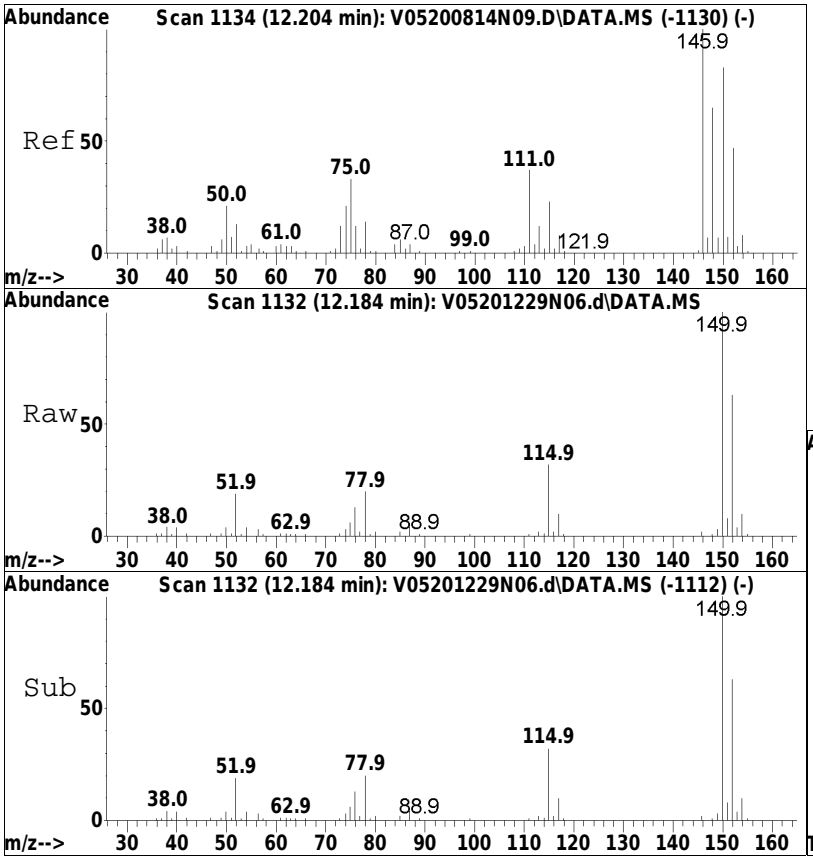
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N06.d
Acq On : 29 Dec 2020 7:49 pm
Operator : VOA105:LAC
Sample : WG1450355-5,31,10,10
Misc : WG1450355,ICAL17339
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 29 20:47:22 2020
Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Nov 11 07:40:29 2020
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane•

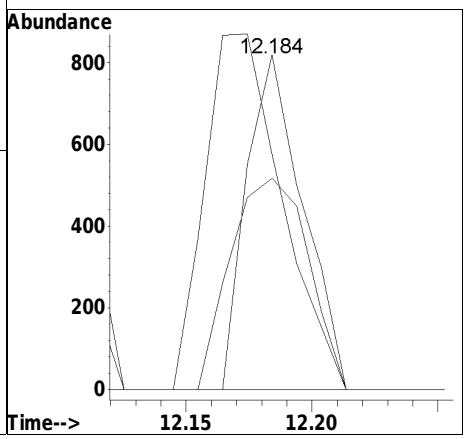


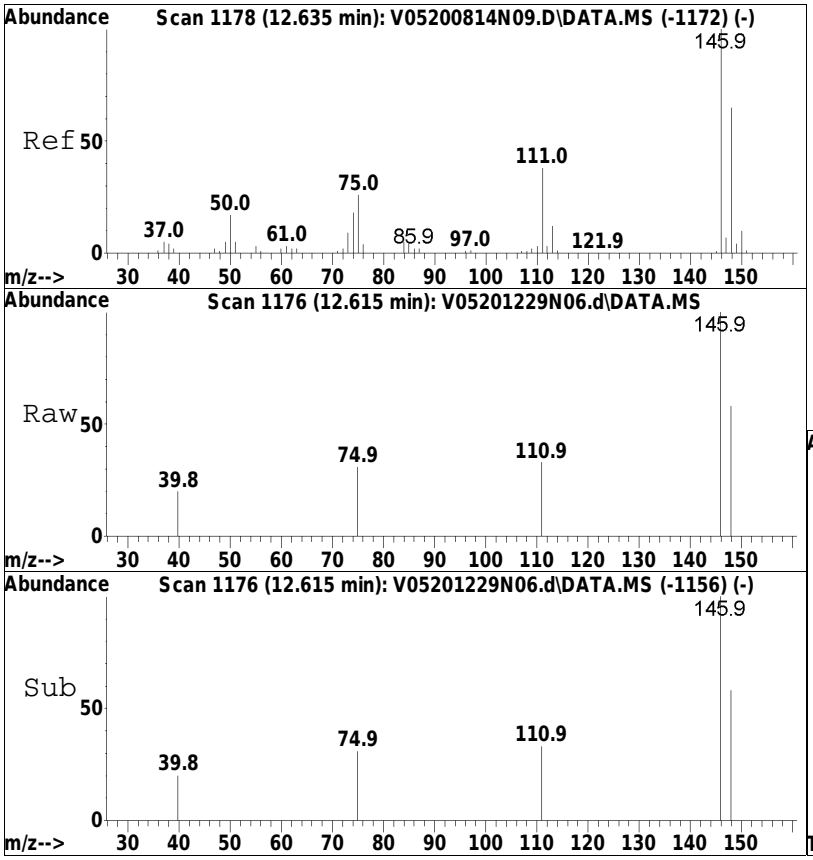


#101
1,4-Dichlorobenzene
Concen: 0.09 ug/L M3
RT: 12.184 min Scan# 1132
Delta R.T. 0.000 min
Lab File: V05201229N06.d
Acq: 29 Dec 2020 7:49 pm

Tgt Ion:146 Resp: 1274

Ion	Ratio	Lower	Upper
146	100		
111	27.8	33.8	50.6#
148	50.9	51.0	76.6#

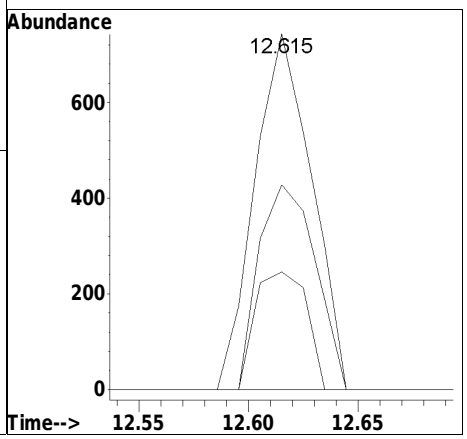


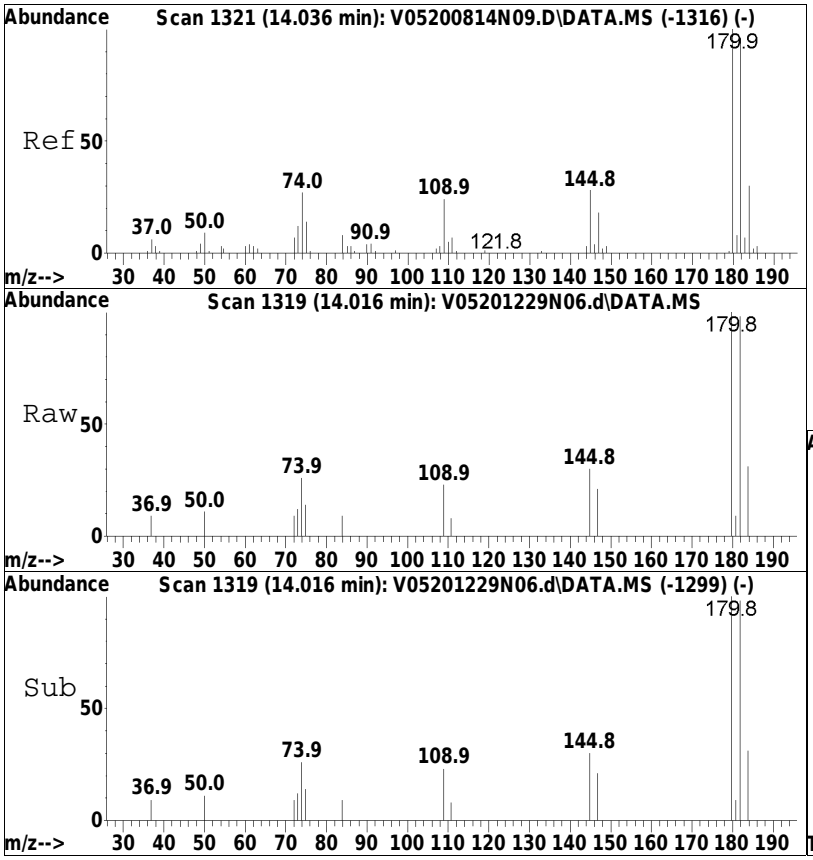


#104
1,2-Dichlorobenzene
Concen: 0.10 ug/L
RT: 12.615 min Scan# 1176
Delta R.T. 0.000 min
Lab File: V05201229N06.d
Acq: 29 Dec 2020 7:49 pm

Tgt Ion:146 Resp: 1344

Ion	Ratio	Lower	Upper
146	100		
111	29.8	29.1	60.5
148	57.1	41.7	86.7

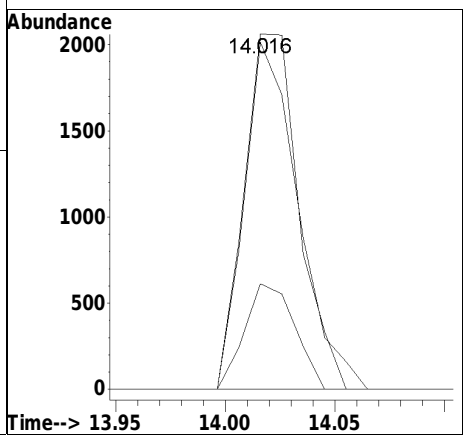


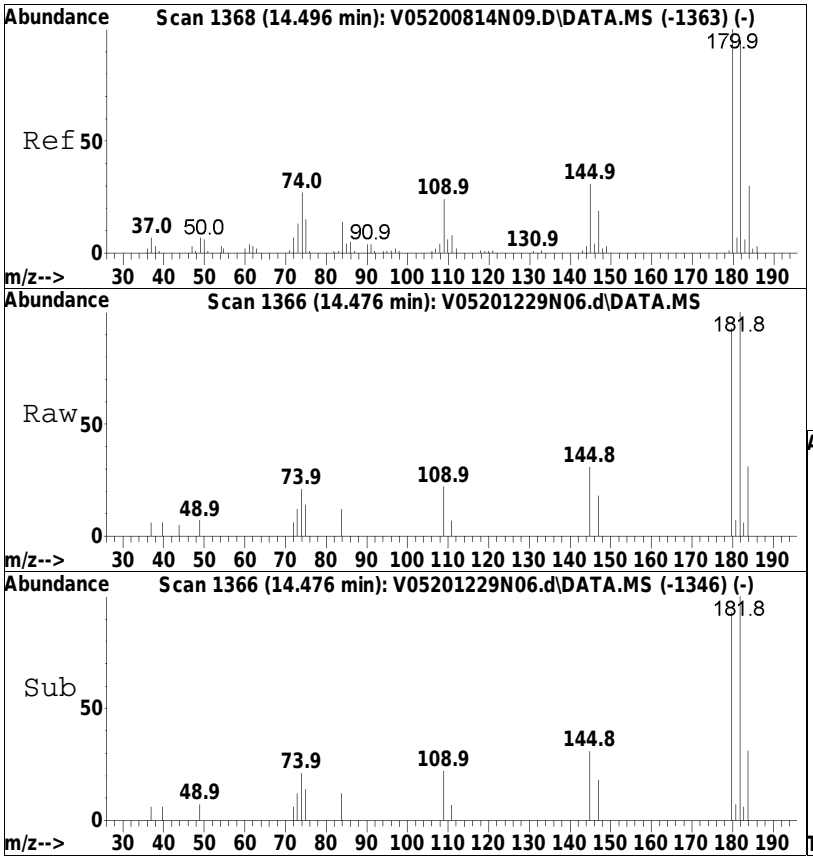


#109
1,2,4-Trichlorobenzene
Concen: 0.44 ug/L
RT: 14.016 min Scan# 1319
Delta R.T. -0.000 min
Lab File: V05201229N06.d
Acq: 29 Dec 2020 7:49 pm

Tgt Ion:180 Resp: 3575

Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.2	112.8
145	27.3	27.4	41.2#

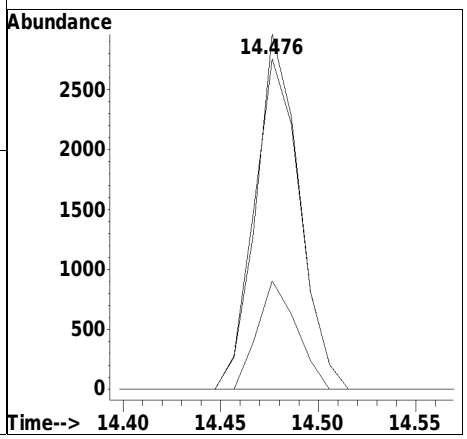




#111
1,2,3-Trichlorobenzene
Concen: 0.71 ug/L
RT: 14.476 min Scan# 1366
Delta R.T. -0.001 min
Lab File: V05201229N06.d
Acq: 29 Dec 2020 7:49 pm

Tgt Ion:180 Resp: 4545

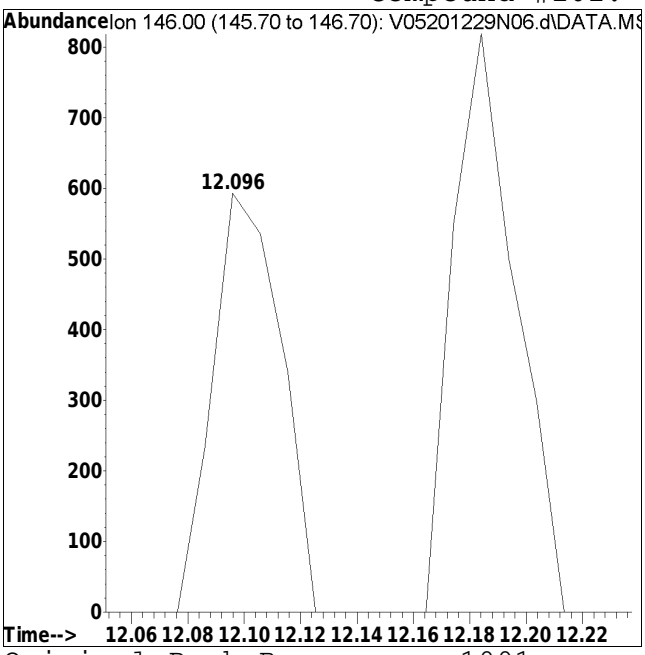
Ion	Ratio	Lower	Upper
180	100		
182	101.1	75.5	113.3
145	28.0	26.5	39.7



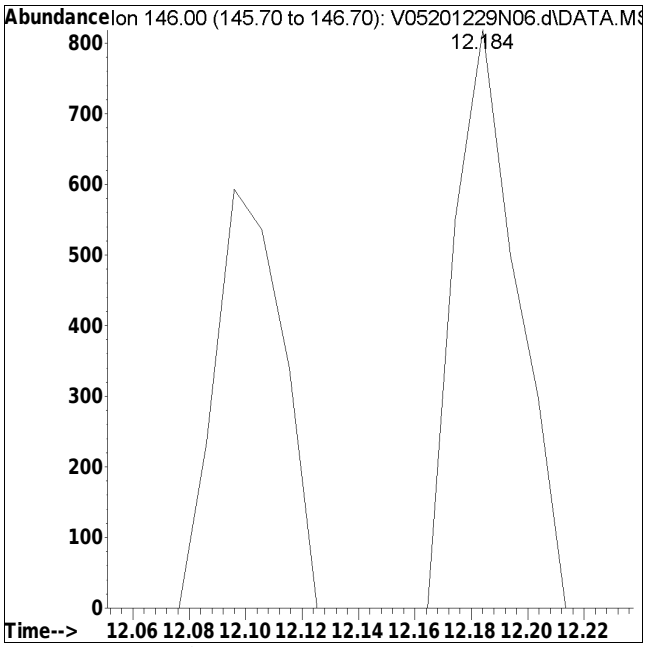
Manual Integration Report

Data Path : I:\VOLATILES\VOA105\2020\2QMethod : V105_201110N_8260.m
Data File : V05201229N06.d Operator : VOA105:LAC
Date Inj'd : 12/29/2020 7:49 pm Instrument : VOA 105
Sample : WG1450355-5,31,10,10 Quant Date : 12/29/2020 8:46 pm

Compound #101: 1,4-Dichlorobenzene



Original Peak Response = 1001



Manual Peak Response = 1274 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

LSC Area Percent Report

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N06.d
Acq On : 29 Dec 2020 7:49 pm
Operator : VOA105:LAC
Sample : WG1450355-5,31,10,10
Misc : WG1450355,ICAL17339
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V05201229N06.d\DATA.MS

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.752	65	68	74	rBV	27809	47222	5.67%	1.160%
2	5.136	407	414	432	rBV	114853	264823	31.79%	6.505%
3	5.665	461	468	487	rBV	103089	250688	30.09%	6.158%
4	5.929	488	495	519	rBV	272377	641831	77.04%	15.767%
5	7.611	661	667	698	rBB	360378	833071	100.00%	20.464%
6	9.451	845	853	876	rBV	304187	725926	87.14%	17.832%
7	10.950	1001	1006	1020	rBV	267027	576506	69.20%	14.162%
8	12.164	1126	1130	1146	rBV	396060	730751	87.72%	17.951%

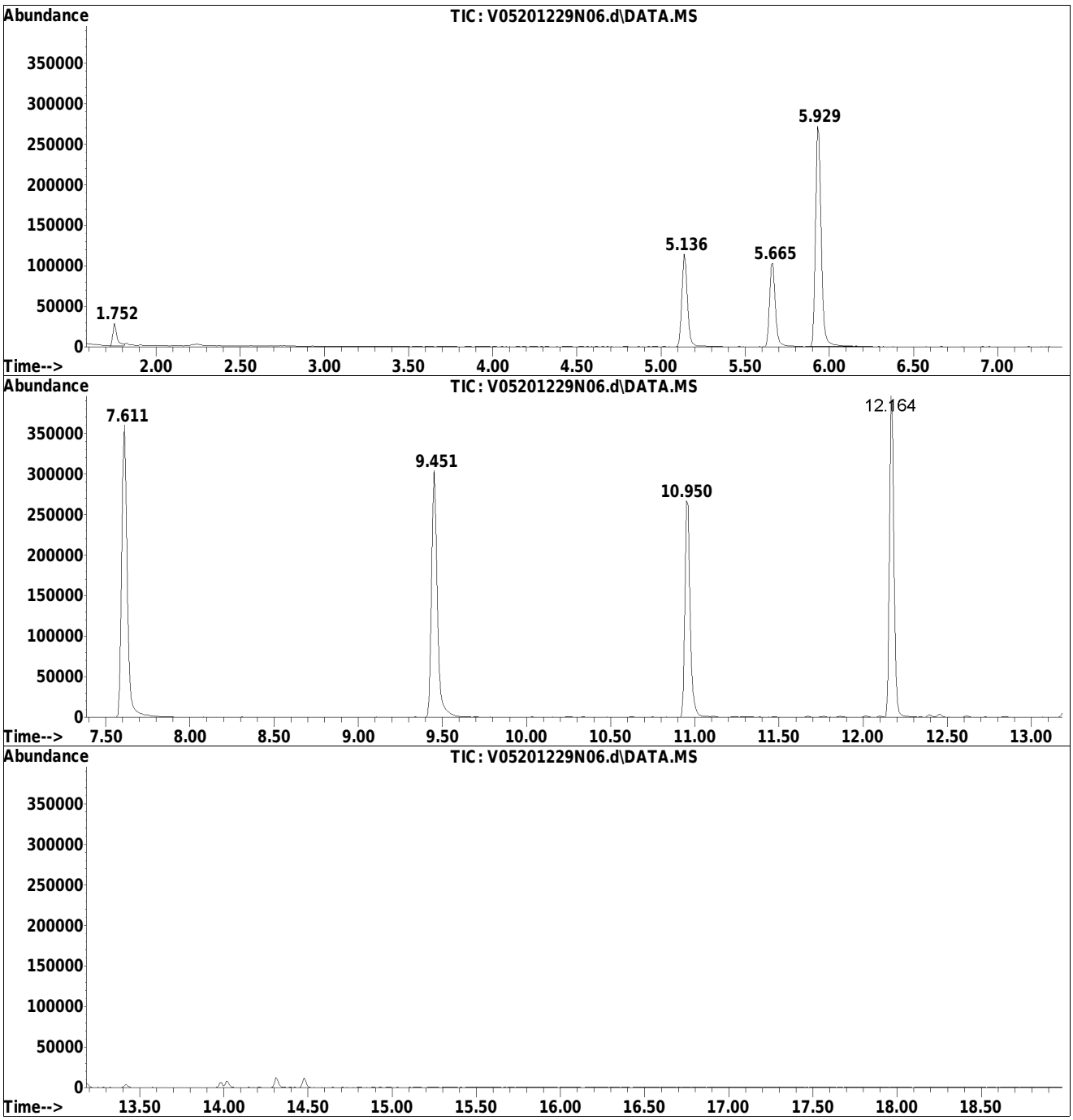
Sum of corrected areas: 4070818

LSC Report - Integrated Chromatogram

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N06.d
Acq On : 29 Dec 2020 7:49 pm
Operator : VOA105:LAC
Sample : WG1450355-5,31,10,10
Misc : WG1450355,ICAL17339
ALS Vial : 6 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N06.d
Acq On : 29 Dec 2020 7:49 pm
Operator : VOA105:LAC
Sample : WG1450355-5,31,10,10
Misc : WG1450355,ICAL17339
ALS Vial : 6 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\VOLATILES\VOA105\2020\201229N\
Data File : V05201229N06.d
Acq On : 29 Dec 2020 7:49 pm
Operator : VOA105:LAC
Sample : WG1450355-5,31,10,10
Misc : WG1450355,ICAL17339
ALS Vial : 6 Sample Multiplier: 1

Quant Method : I:\VOLATILES\VOA105\2020\201229N\V105_201110N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

GC/MS Extractable Analysis
Method 8270

Sample Results Summary

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-01	**Date Collected**	: 12/18/20 09:21
Client ID	: MW-1	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/27/20 13:08
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-01	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-01	**Date Collected**	: 12/18/20 09:21
Client ID	: MW-1	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/27/20 13:08
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-01	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-01	**Date Collected**	: 12/18/20 09:21
Client ID	: MW-1	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/27/20 13:08
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-01	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-01	**Date Collected**	: 12/18/20 09:21
Client ID	: MW-1	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/27/20 13:08
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-01	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 14 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.60	8.14	J
	Unknown	1.93	7.45	J
	Unknown Alkane	3.78	1.93	J
	Unknown Alkane	5.23	5.53	J
	Unknown Benzene	5.53	4.54	J
	Unknown Alkane	6.39	5.38	J
	Unknown Alkane	7.39	2.58	J
	Unknown Organic Acid	8.93	4.84	J
	Unknown Alcohol	9.18	1.53	J
	Unknown Organic Acid	9.69	3.67	J
	Unknown	11.08	1.49	J
	Unknown Alkane	12.82	1.6	J
	Unknown	14.20	2	J
	Total TIC Compounds		50.7J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-02	**Date Collected**	: 12/18/20 11:36
Client ID	: MW-2	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 03:21
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-02	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-02	**Date Collected**	: 12/18/20 11:36
Client ID	: MW-2	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 03:21
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-02	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-02	**Date Collected**	: 12/18/20 11:36
Client ID	: MW-2	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 03:21
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-02	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-02	**Date Collected**	: 12/18/20 11:36
Client ID	: MW-2	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 03:21
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-02	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 9 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.62	2.91	J
	Unknown Alkane	5.22	3.49	J
	Unknown Benzene	5.52	2.94	J
	Unknown Alkane	6.36	3.45	J
	Unknown Alkane	7.36	1.6	J
	Unknown Organic Acid	8.90	2.62	J
	Unknown Organic Acid	9.67	2.47	J
	Unknown	14.17	1.85	J
	Total TIC Compounds		21.3J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-03	**Date Collected**	: 12/18/20 09:41
Client ID	: MW-3	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 03:44
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-03	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L2056917
Project Name	: PISTOIA TIRE CO	Project Number	: 0064-5
Lab ID	: L2056917-03	Date Collected	: 12/18/20 09:41
Client ID	: MW-3	Date Received	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 12/28/20 03:44
Sample Matrix	: WATER	Date Extracted	: 12/23/20
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 56917-03	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV124
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-03	**Date Collected**	: 12/18/20 09:41
Client ID	: MW-3	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 03:44
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-03	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-03	**Date Collected**	: 12/18/20 09:41
Client ID	: MW-3	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 03:44
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-03	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 9 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.62	1.56	J
	Unknown	3.76	1.56	J
	Unknown Alkane	5.22	3.93	J
	Unknown Benzene	5.52	2.73	J
	Unknown Alkane	6.36	3.6	J
	Unknown Alkane	7.36	1.82	J
	Unknown Organic Acid	9.67	1.64	J
	Unknown	12.79	1.49	J
	Total TIC Compounds		18.3J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-04	**Date Collected**	: 12/18/20 10:46
Client ID	: MW-4	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 04:06
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-04	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-04	**Date Collected**	: 12/18/20 10:46
Client ID	: MW-4	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 04:06
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-04	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-04	**Date Collected**	: 12/18/20 10:46
Client ID	: MW-4	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 04:06
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-04	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-04	**Date Collected**	: 12/18/20 10:46
Client ID	: MW-4	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 04:06
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-04	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 8 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.62	2.25	J
	Unknown	3.28	2.14	J
	Unknown	3.68	1.74	J
	Unknown Organic Acid	4.66	3.56	J
	Unknown	11.05	2.22	J
	Unknown	11.94	1.78	J
	Unknown	12.79	2	J
	Total TIC Compounds		15.7J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-05	**Date Collected**	: 12/18/20 11:51
Client ID	: MW-5	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 04:29
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-05	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	Lab Number	: L2056917
Project Name	: PISTOIA TIRE CO	Project Number	: 0064-5
Lab ID	: L2056917-05	Date Collected	: 12/18/20 11:51
Client ID	: MW-5	Date Received	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	Date Analyzed	: 12/28/20 04:29
Sample Matrix	: WATER	Date Extracted	: 12/23/20
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 56917-05	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV124
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-05	**Date Collected**	: 12/18/20 11:51
Client ID	: MW-5	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 04:29
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-05	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-05	**Date Collected**	: 12/18/20 11:51
Client ID	: MW-5	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 04:29
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-05	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 6 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.62	3.49	J
	Unknown Organic Acid	8.90	3.09	J
	Unknown Organic Acid	9.67	2.11	J
	Unknown	10.46	1.64	J
	Unknown	12.79	1.56	J
	Total TIC Compounds		11.9J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-06	**Date Collected**	: 12/18/20 10:31
Client ID	: MW-6	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 04:52
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-06	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-06	**Date Collected**	: 12/18/20 10:31
Client ID	: MW-6	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 04:52
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-06	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-06	**Date Collected**	: 12/18/20 10:31
Client ID	: MW-6	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 04:52
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-06	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-06	**Date Collected**	: 12/18/20 10:31
Client ID	: MW-6	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/28/20 04:52
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 56917-06	**Analyst**	: JG
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 15 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.91	2.33	J
	Unknown	3.68	1.96	J
	Unknown Alkane	3.76	2.22	J
	Unknown Alkane	5.22	5.49	J
	Unknown Benzene	5.51	4.36	J
	Unknown Alkane	6.36	5.09	J
	Unknown Alkane	7.36	2.47	J
	Unknown Organic Acid	8.90	2.69	J
	Unknown Organic Acid	9.67	2.36	J
	Unknown	11.06	1.56	J
	Unknown	11.94	1.6	J
	Unknown	12.79	2.47	J
	Unknown	13.39	1.64	J
	Unknown	14.18	2.25	J
	Total TIC Compounds		38.5J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1448411-1	**Date Collected**	: NA
Client ID	: WG1448411-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/27/20 04:49
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 448411-1	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	Lab Number	: L2056917
Project Name	: PISTOIA TIRE CO	Project Number	: 0064-5
Lab ID	: WG1448411-1	Date Collected	: NA
Client ID	: WG1448411-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/27/20 04:49
Sample Matrix	: WATER	Date Extracted	: 12/23/20
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 448411-1	Analyst	: WR
Sample Amount	: 275 ml	Instrument ID	: SV124
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1448411-1	**Date Collected**	: NA
Client ID	: WG1448411-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/27/20 04:49
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 448411-1	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 14 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Organic Acid	8.93	2.44	J
	Unknown	10.18	1.67	J
	Unknown	10.49	2.47	J
	Unknown	10.86	1.71	J
	Unknown Alcohol	11.09	4.33	J
	Unknown	11.68	2.07	J
	Unknown	11.75	2.73	J
	Unknown	11.97	4.8	J
	Unknown	12.62	3.13	J
	Unknown	12.82	4.98	J
	Unknown Alcohol	13.43	3.78	J
	Unknown	13.62	2.91	J
	Unknown	14.19	3.27	J
	Total TIC Compounds		40.3J	J

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1448816-1	**Date Collected**	: NA
Client ID	: WG1448816-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/28/20 00:42
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 448816-1	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	2.0	0.44	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.44	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
206-44-0	Fluoranthene	ND	2.0	0.26	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
67-72-1	Hexachloroethane	ND	2.0	0.58	U
78-59-1	Isophorone	ND	5.0	1.2	U
91-20-3	Naphthalene	ND	2.0	0.46	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1448816-1	**Date Collected**	: NA
Client ID	: WG1448816-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/28/20 00:42
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 448816-1	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
218-01-9	Chrysene	ND	2.0	0.34	U
208-96-8	Acenaphthylene	ND	2.0	0.46	U
120-12-7	Anthracene	ND	2.0	0.33	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.30	U
86-73-7	Fluorene	ND	2.0	0.41	U
85-01-8	Phenanthrene	ND	2.0	0.33	U
129-00-0	Pyrene	ND	2.0	0.28	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.45	U
86-74-8	Carbazole	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
98-86-2	Acetophenone	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U
92-52-4	Biphenyl	ND	2.0	0.46	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
1912-24-9	Atrazine	ND	3.0	0.76	U

Tentatively Identified Compounds
Form 1
Base/Neutral Extractables by GC/MS- Westborough Lab

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1448816-1	**Date Collected**	: NA
Client ID	: WG1448816-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/28/20 00:42
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 448816-1	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV124
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.63	1.56	J
	Unknown	3.28	1.6	J
	Total TIC Compounds		3.16J	J

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV124	**Analysis Date**	: 12/03/20 17:22
Tune Standard	: R1380120-34	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	45.2
68	Less than 2.0% of mass 69	0.6 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	47.8
197	Less than 2.0% of mass 198	0.8
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	25.3
365	Greater than 1.0% of mass 198	3.9
441	Present, but less than 24% of mass 442	16.8
442	Base Peak, or >50% of mass 198	91.1
443	15.0 - 24.0% of mass 442	17.5 (19.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1380120-5	ABNL10	12/03/20 17:45
ABNL9	R1380120-12	ABNL9	12/03/20 18:07
ABNL8	R1380120-13	ABNL8	12/03/20 18:30
ABNL7	R1380120-11	ABNL7	12/03/20 18:53
ABNL6	R1380120-10	ABNL6	12/03/20 19:15
ABNL5	R1380120-9	ABNL5	12/03/20 19:38
ABNL4	R1380120-8	ABNL4	12/03/20 20:01
ABNL3	R1380120-7	ABNL3	12/03/20 20:23
ABNL2	R1380120-6	ABNL2	12/03/20 20:46
ABNL1	R1380120-4	ABNL1	12/03/20 21:08
AP9L10	R1380120-25	AP9L10	12/03/20 21:31
AP9L9	R1380120-33	AP9L9	12/03/20 21:54
AP9L8	R1380120-31	AP9L8	12/03/20 22:16
AP9L7	R1380120-32	AP9L7	12/03/20 22:39
AP9L6	R1380120-28	AP9L6	12/03/20 23:01
AP9L5	R1380120-29	AP9L5	12/03/20 23:24
AP9L4	R1380120-30	AP9L4	12/03/20 23:47
AP9L3	R1380120-26	AP9L3	12/04/20 00:09
AP9L2	R1380120-27	AP9L2	12/04/20 00:32
AP9L1	R1380120-23	AP9L1	12/04/20 00:55
ABN ICV Quant Report	R1380120-1	ABNICV	12/04/20 01:17
AP9 ICV Quant Report	R1380120-3	AP9ICV	12/04/20 01:40

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV124	**Analysis Date**	: 12/04/20 02:03
Tune Standard	: R1380120-35	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	44.1
68	Less than 2.0% of mass 69	0.6 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	47.8
197	Less than 2.0% of mass 198	0.8
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	25.1
365	Greater than 1.0% of mass 198	3.9
441	Present, but less than 24% of mass 442	16.8
442	Base Peak, or >50% of mass 198	94.1
443	15.0 - 24.0% of mass 442	18 (19.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R1380120-15	ADPL10	12/04/20 02:25
ADPL9	R1380120-24	ADPL9	12/04/20 02:48
ADPL8	R1380120-20	ADPL8	12/04/20 03:10
ADPL7	R1380120-22	ADPL7	12/04/20 03:33
ADPL6	R1380120-21	ADPL6	12/04/20 03:55
ADPL5	R1380120-18	ADPL5	12/04/20 04:18
ADPL4	R1380120-19	ADPL4	12/04/20 04:41
ADPL3	R1380120-17	ADPL3	12/04/20 05:03
ADPL2	R1380120-16	ADPL2	12/04/20 05:26
ADPL1	R1380120-14	ADPL1	12/04/20 05:48
ADP ICV Quant Report	R1380120-2	ADPICV	12/04/20 06:11

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV124	**Analysis Date**	: 12/27/20 03:12
Tune Standard	: WG1449122-1	**Tune File ID**	: Deg1227_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	44.5
68	Less than 2.0% of mass 69	0.6 (1.5)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	51
197	Less than 2.0% of mass 198	0.8
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.4
275	10.0 - 60.0% of Base Peak	25.2
365	Greater than 1.0% of mass 198	3.6
441	Present, but less than 24% of mass 442	17.5
442	Base Peak, or >50% of mass 198	80.6
443	15.0 - 24.0% of mass 442	15.9 (19.7)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1449122-3CCAL	WG1449122-3	ABN1227	12/27/20 03:36
WG1449122-4CCAL	WG1449122-4	AP91227	12/27/20 03:59
WG1449122-5CCAL	WG1449122-5	ADP1227	12/27/20 04:22
WG1448411-1BLANK	WG1448411-1	448411-1	12/27/20 04:49
WG1448411-2LCS	WG1448411-2	448411-2	12/27/20 05:11
WG1448411-3LCSD	WG1448411-3	448411-3	12/27/20 05:34
MW-1	L2056917-01	56917-01	12/27/20 13:08

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV124	**Analysis Date**	: 12/27/20 23:11
Tune Standard	: WG1449238-1	**Tune File ID**	: Deg1227n_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	46.4
68	Less than 2.0% of mass 69	0.6 (1.4)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	52.2
197	Less than 2.0% of mass 198	0.7
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 60.0% of Base Peak	24.8
365	Greater than 1.0% of mass 198	3.6
441	Present, but less than 24% of mass 442	16.8
442	Base Peak, or >50% of mass 198	78.8
443	15.0 - 24.0% of mass 442	15.8 (20.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1449238-3CCAL	WG1449238-3	ABN1227N	12/27/20 23:34
WG1449238-4CCAL	WG1449238-4	AP91227N	12/27/20 23:56
WG1449238-5CCAL	WG1449238-5	ADP1227N	12/28/20 00:19
WG1448816-1BLANK	WG1448816-1	448816-1	12/28/20 00:42
WG1448816-2LCS	WG1448816-2	448816-2	12/28/20 01:05
WG1448816-3LCSD	WG1448816-3	448816-3	12/28/20 01:27
MW-2	L2056917-02	56917-02	12/28/20 03:21
MW-3	L2056917-03	56917-03	12/28/20 03:44
MW-4	L2056917-04	56917-04	12/28/20 04:06
MW-5	L2056917-05	56917-05	12/28/20 04:29
MW-6	L2056917-06	56917-06	12/28/20 04:52

Blank Results Summary

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab Sample ID	: WG1448411-1	**Lab File ID**	: 448411-1
Instrument ID	: SV124	**Extraction Date**	: 12/23/20
Matrix	: WATER	**Analysis Date**	: 12/27/20 04:49
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1448411-2LCS	WG1448411-2	12/27/20 05:11
WG1448411-3LCSD	WG1448411-3	12/27/20 05:34
MW-1	L2056917-01	12/27/20 13:08

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab Sample ID	: WG1448816-1	**Lab File ID**	: 448816-1
Instrument ID	: SV124	**Extraction Date**	: 12/23/20
Matrix	: WATER	**Analysis Date**	: 12/28/20 00:42
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1448816-2LCS	WG1448816-2	12/28/20 01:05
WG1448816-3LCSD	WG1448816-3	12/28/20 01:27
MW-2	L2056917-02	12/28/20 03:21
MW-3	L2056917-03	12/28/20 03:44
MW-4	L2056917-04	12/28/20 04:06
MW-5	L2056917-05	12/28/20 04:29
MW-6	L2056917-06	12/28/20 04:52

Standards Data Summary

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2056917**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL17399**
Calibration dates	**: 12/03/20 17:45 12/04/20 05:48**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine		0.407	0.436	0.479	0.466	0.449	0.443	0.435	0.378	0.492	0.443	7.98
3)	t	Pyridine		0.638	0.695	0.746	0.705	0.666	0.736	0.681	0.623	0.850	0.704	9.65
4)	S	2-Fluorophenol	0.545	0.570	0.647	0.658	0.644	0.643	0.632	0.630	0.558	0.737	0.627	9.01
5)	T	Aniline		1.077	1.094	1.136	1.107	1.103	1.072	1.069	0.929	1.225	1.090	7.09
6)	t	2-Chlorophenol		0.670	0.745	0.797	0.794	0.754	0.745	0.740	0.635	0.839	0.747	8.43
7)	S	Phenol-d6	0.712	0.782	0.836	0.884	0.854	0.854	0.821	0.816	0.712	0.945	0.821	8.82
8)	T	Phenol		0.918	0.881	0.956	0.916	0.896	0.864	0.877	0.747	0.982	0.893	7.45
9)	T	bis(2-Chloroethyl)ether		0.708	0.744	0.792	0.757	0.726	0.701	0.692	0.590	0.786	0.722	8.44
10)	T	1,3-Dichlorobenzene		0.943	0.968	0.969	0.923	0.900	0.852	0.845	0.720	0.936	0.895	8.91
11)	T	1,4-Dichlorobenzene		0.973	0.970	0.978	0.959	0.906	0.865	0.860	0.728	0.959	0.911	9.07
12)	T	1,2-Dichlorobenzene		0.900	0.948	0.951	0.901	0.876	0.836	0.825	0.699	0.920	0.873	8.98
13)	t	Benzyl alcohol		0.485	0.537	0.602	0.591	0.588	0.590	0.589	0.532	0.691	0.578	9.90
14)	T	bis(2-chloroisopropyl)ether	1.478	1.407	1.435	1.521	1.447	1.428	1.383	1.360	1.169	1.532	1.416	7.25
15)	T	2-Methylphenol		0.600	0.647	0.671	0.671	0.663	0.658	0.653	0.557	0.734	0.650	7.56
16)	T	Hexachloroethane		0.357	0.352	0.358	0.348	0.344	0.325	0.323	0.280	0.362	0.339	7.68
17)	T	n-Nitrosodi-n-propylamine		0.421	0.497	0.523	0.518	0.518	0.515	0.517	0.455	0.600	0.507	9.73
18)	T	3-Methylphenol/4-Methylphenol		0.611	0.655	0.732	0.723	0.711	0.692	0.680	0.594	0.779	0.686	8.58
19)	S	Nitrobenzene-d5	0.607	0.664	0.713	0.788	0.782	0.765	0.767	0.762	0.674	0.878	0.740	10.42
20)	T	Nitrobenzene	0.634	0.689	0.757	0.819	0.802	0.787	0.788	0.785	0.680	0.883	0.762	9.76
21)	T	Isophorone	1.112	1.117	1.241	1.399	1.382	1.375	1.370	1.359	1.207	1.573	1.314	10.89
22)	T	2-Nitrophenol				0.352	0.360	0.373	0.373	0.375	0.340	0.436	0.373	8.26
23)	T	2,4-Dimethylphenol	0.654	0.649	0.714	0.791	0.779	0.757	0.733	0.738	0.646	0.840	0.730	8.97
24)	T	bis(2-Chloroethoxy)methane		0.915	0.911	1.005	0.967	0.940	0.908	0.880	0.758	0.990	0.919	7.97
25)	T	2,4-Dichlorophenol		0.580	0.646	0.717	0.709	0.690	0.681	0.675	0.577	0.750	0.669	8.85
26)	T	1,2,4-Trichlorobenzene		0.880	0.869	0.897	0.860	0.828	0.778	0.757	0.641	0.825	0.815	9.80
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde			0.576	0.598	0.590	0.618	0.652	0.635	0.654	0.691	0.627	6.14
29)	T	Acetophenone			0.961	0.938	0.974	1.044	1.120	1.107	1.138	1.195	1.059	8.91
30)	T	m-Toluidine			0.944	1.008	1.032	1.104	1.174	1.142	1.174	1.229	1.101	8.89
31)	T	2-Chloroaniline		0.876	0.931	0.942	0.965	0.999	1.049	1.023	1.045	1.073	0.989	6.59
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	n-Decane	0.924	0.865	0.904	0.926	0.882	0.909	0.948	0.932	0.931	0.948	0.917	2.95
34)	I	IS1_Naphthalene-d8	----------ISTD----------											
35)	T	Naphthalene		1.010	0.982	1.064	1.035	0.940	0.985	0.992	0.957	0.960	0.992	3.97
36)	T	Benzoic Acid					0.184	0.175	0.222	0.238	0.263	0.264	*L	0.9918

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2056917**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL17399**
Calibration dates	**: 12/03/20 17:45 12/04/20 05:48**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37)	T	4-Chloroaniline			0.125	0.130	0.127	0.118	0.126	0.127	0.130	0.133	0.127	3.60
38)	T	Hexachlorobutadiene		0.213	0.207	0.228	0.210	0.194	0.205	0.206	0.201	0.206	0.208	4.38
39)	T	p-Chloro-m-cresol		0.214	0.233	0.267	0.266	0.262	0.273	0.281	0.290	0.295	0.265	9.84
40)	T	2-Methylnaphthalene		0.655	0.671	0.726	0.698	0.652	0.675	0.690	0.670	0.670	0.678	3.40
41)	T	1-Methylnaphthalene		0.235	0.227	0.247	0.237	0.214	0.229	0.233	0.233	0.237	0.233	3.85
42)	T	Hexachlorocyclopentadiene			0.242	0.262	0.255	0.235	0.260	0.266	0.270	0.277	0.258	5.43
43)	T	2,4,6-Trichlorophenol			0.194	0.227	0.219	0.215	0.232	0.237	0.239	0.237	0.225	6.84
44)	T	2,4,5-Trichlorophenol			0.206	0.249	0.251	0.233	0.253	0.256	0.255	0.257	0.245	7.08
45)	S	2-Fluorobiphenyl	0.836	0.811	0.796	0.886	0.846	0.776	0.803	0.812	0.784	0.780	0.813	4.24
46)	T	2-Chloronaphthalene	0.654	0.650	0.662	0.734	0.684	0.635	0.669	0.674	0.647	0.648	0.666	4.22
47)	T	2-Nitroaniline			0.144	0.175	0.173	0.167	0.194	0.204	0.211	0.215	0.185	13.27
48)	T	1,4-Dinitrobenzene					0.090	0.090	0.105	0.107	0.112	0.115	0.103	10.39
49)	T	1,3-Dinitrobenzene				0.106	0.106	0.105	0.124	0.122	0.125	0.127	0.116	8.60
50)	T	Dimethyl phthalate	0.653	0.705	0.751	0.853	0.818	0.765	0.829	0.813	0.800	0.801	0.779	7.88
51)	T	Acenaphthylene	0.909	0.979	1.041	1.178	1.131	1.069	1.127	1.133	1.104	1.097	1.077	7.50
52)	T	2,6-Dinitrotoluene			0.133	0.169	0.168	0.161	0.182	0.178	0.175	0.176	0.168	9.34
53)	T	1,2-Dinitrobenzene				0.071	0.078	0.075	0.078	0.078	0.078	0.078	0.077	3.67
54)	I	IS2_Naphthalene-d8	----------ISTD----------											
55)	T	a-Terpineol		0.224	0.238	0.241	0.255	0.258	0.281	0.285	0.301	0.315	0.267	11.56
56)	T	3-Chloroaniline				0.131	0.137	0.141	0.146	0.147	0.148	0.153	0.143	5.19
57)	T	2,6-Dichlorophenol			0.244	0.260	0.273	0.274	0.291	0.292	0.291	0.298	0.278	6.76
58)	T	1-chloro-2-nitrobenzene			0.107	0.117	0.120	0.125	0.133	0.133	0.140	0.144	0.128	9.81
59)	T	Caprolactam				0.107	0.120	0.132	0.151	0.161	0.173	0.181	0.146	18.75
60)	T	1,2,4,5-Tetrachlorobenzene		0.357	0.346	0.366	0.361	0.355	0.369	0.358	0.350	0.359	0.358	2.00
61)	T	Biphenyl		0.794	0.797	0.840	0.869	0.843	0.862	0.831	0.827	0.827	0.832	3.05
62)	I	IS1_Acenaphthene-d10	----------ISTD----------											
63)	T	3-Nitroaniline			0.235	0.312	0.308	0.303	0.339	0.341	0.343	0.337	0.315	11.48
64)	T	Acenaphthene		1.169	1.145	1.235	1.166	1.075	1.133	1.137	1.075	1.068	1.134	4.83
65)	T	2,4-Dinitrophenol					0.140	0.145	0.186	0.197	0.214	0.218	*L	0.9990
66)	T	Dibenzofuran		1.810	1.779	1.929	1.839	1.697	1.787	1.766	1.679	1.665	1.772	4.75
67)	T	2,4-Dinitrotoluene			0.306	0.395	0.391	0.378	0.427	0.434	0.426	0.420	0.397	10.58
68)	T	4-Nitrophenol				0.261	0.269	0.264	0.308	0.314	0.320	0.326	0.295	9.70
69)	T	2,3,5,6-Tetrachlorophenol				0.364	0.352	0.340	0.377	0.389	0.382	0.379	0.369	4.82
70)	T	2,3,4,6-Tetrachlorophenol			0.316	0.366	0.368	0.343	0.378	0.378	0.376	0.374	0.362	6.05
71)	T	Diethyl phthalate	1.228	1.201	1.267	1.434	1.423	1.354	1.467	1.472	1.447	1.431	1.373	7.53
72)	T	Fluorene	1.288	1.287	1.298	1.516	1.421	1.318	1.411	1.394	1.342	1.330	1.360	5.43

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2056917**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL17399**
Calibration dates	**: 12/03/20 17:45 12/04/20 05:48**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
73)	T	4-Chlorophenyl-phenylether		0.688	0.654	0.753	0.702	0.643	0.674	0.668	0.647	0.650	0.675	5.18
74)	T	4-Nitroaniline			0.217	0.288	0.291	0.284	0.339	0.334	0.335	0.333	0.302	13.89
75)	T	4,6-Dinitro-o-cresol				0.182	0.196	0.193	0.236	0.241	0.254	0.252	0.222	13.73
76)	T	NDPA/DPA	1.007	0.992	1.083	1.249	1.226	1.117	1.216	1.196	1.146	1.128	1.136	7.85
77)	T	Azobenzene		1.043	1.149	1.412	1.375	1.285	1.403	1.394	1.342	1.368	1.308	9.84
78)	S	2,4,6-Tribromophenol		0.199	0.207	0.244	0.242	0.228	0.245	0.253	0.256	0.259	0.237	9.07
79)	T	4-Bromophenyl-phenylether	0.379	0.359	0.390	0.446	0.417	0.388	0.411	0.415	0.410	0.411	0.403	6.03
80)	T	Hexachlorobenzene	0.452	0.481	0.501	0.532	0.497	0.468	0.494	0.487	0.474	0.472	0.486	4.55
81)	T	Pentachlorophenol				0.246	0.250	0.245	0.292	0.298	0.310	0.317	0.280	11.27
82)	I	IS2_Acenaphthene-d10	----------ISTD----------											
83)	T	Dichloran				0.108	0.109	0.129	0.148	0.164	0.187	0.194	*L	0.9958
84)	T	Pentachloronitrobenzene			0.132	0.134	0.147	0.171	0.192	0.196	0.205	0.211	*L	0.9985
85)	I	IS3_Acenaphthene-d10	----------ISTD----------											
86)	T	Atrazine		0.262	0.237	0.277	0.292	0.299	0.342	0.342	0.380	0.383	0.313	16.50
87)	I	IS1_Phenanthrene-d10	----------ISTD----------											
88)	T	Phenanthrene		1.075	1.058	1.192	1.135	0.965	1.084	1.088	1.051	1.040	1.077	5.86
89)	T	Anthracene	0.985	0.945	0.987	1.151	1.118	0.966	1.099	1.125	1.072	1.065	1.051	7.08
90)	T	Carbazole		0.808	0.867	1.057	1.032	0.883	1.034	1.048	1.002	0.989	0.969	9.47
91)	T	Di-n-butylphthalate			0.805	1.020	1.036	0.927	1.162	1.202	1.223	1.220	1.074	14.34
92)	T	Fluoranthene	1.079	1.047	1.060	1.239	1.224	1.050	1.245	1.260	1.192	1.219	1.161	7.78
93)	T	Benzidine					0.717	0.657	0.868	0.896	0.892	0.903	0.822	13.02
94)	T	Pyrene	1.110	1.079	1.130	1.373	1.330	1.126	1.330	1.338	1.257	1.258	1.233	9.03
95)	S	4-Terphenyl-d14	0.837	0.841	0.864	0.982	0.963	0.807	0.967	0.978	0.925	0.936	0.910	7.29
96)	T	Butyl benzyl phthalate			0.285	0.358	0.366	0.351	0.482	0.514	0.538	0.555	*L	0.9960
97)	I	IS2_Phenanthrene-d10	----------ISTD----------											
98)	T	Diphenamid				0.320	0.336	0.390	0.441	0.443	0.467	0.487	0.412	15.77
99)	I	IS3_Phenanthrene-d10	----------ISTD----------											
100)	T	n-Octadecane			0.352	0.376	0.381	0.400	0.449	0.449	0.462	0.463	0.416	10.62
101)	T	Parathion			0.046	0.051	0.053	0.056	0.073	0.079	0.103	0.110	*Q	0.9985
102)	T	3,3'-Dimethylbenzidine			0.355	0.394	0.431	0.509	0.619	0.621	0.700	0.731	*Q	0.9991
103)	I	IS1_Chrysene-d12	----------ISTD----------											
104)	T	Benzo[a]anthracene	1.114	1.039	1.099	1.284	1.196	1.055	1.200	1.202	1.174	1.156	1.152	6.52
105)	T	3,3'-Dichlorobenzidine			0.365	0.437	0.429	0.402	0.470	0.474	0.478	0.473	0.441	9.29
106)	T	Chrysene	1.257	1.203	1.218	1.362	1.245	1.102	1.183	1.182	1.120	1.090	1.196	6.86
107)	T	bis(2-Ethylhexyl)phthalate		0.396	0.467	0.576	0.594	0.589	0.715	0.743	0.765	0.758	*Q	0.9984
108)	T	Di-n-octylphthalate			0.678	0.864	0.887	0.897	1.173	1.247	1.331	1.332	*L	0.9968

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2056917**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL17399**
Calibration dates	**: 12/03/20 17:45 12/04/20 05:48**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D L10 =AP9L10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
109)	T	Benzo(b)fluoranthene		1.026	1.087	1.428	1.198	1.148	1.277	1.268	1.239	1.212	1.209	9.67
110)	T	Benzo(k)fluoranthene		1.003	1.119	1.170	1.225	1.020	1.140	1.197	1.136	1.132	1.127	6.54
111)	T	Benzo(a)pyrene		0.771	0.908	1.093	1.058	0.930	1.091	1.126	1.090	1.083	1.017	11.78
112)	I	IS1_Perylene-d12	----------ISTD----------											
113)	T	Indeno(1,2,3-cd)pyrene		0.905	0.985	1.175	1.153	1.017	1.126	1.175	1.235	1.199	1.108	10.11
114)	T	Dibenzo[a,h]anthracene		0.972	1.060	1.233	1.177	1.080	1.165	1.200	1.190	1.172	1.139	7.34
115)	T	Benzo(g,h,i)perylene	1.093	1.084	1.119	1.293	1.229	1.109	1.194	1.251	1.204	1.208	1.178	6.15

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: SV124	**Calibration Date**	: 12/27/20 03:36		
Lab File ID	: ABN1227	**Init. Calib. Date(s)**	: 12/03/20	12/04/20	
Sample No	: WG1449122-3	**Init. Calib. Times**	: 17:45	05:48	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	101	0
n-Nitrosodimethylamine	0.443	0.527	-	-19	20	119	0
Pyridine	0.704	0.929	-	-32*	20	141	0
2-Fluorophenol	0.627	0.728	-	-16.1	20	115	0
Aniline	1.09	1.18	-	-8.3	20	108	0
2-Chlorophenol	0.747	0.834	-	-11.6	20	112	0
Phenol-d6	0.821	0.895	-	-9	20	106	0
Phenol	0.893	0.988	-	-10.6	20	111	0
Bis(2-chloroethyl)ether	0.722	0.794	-	-10	20	111	0
1,3-Dichlorobenzene	0.895	0.932	-	-4.1	20	105	0
1,4-Dichlorobenzene	0.911	0.934	-	-2.5	20	104	0
1,2-Dichlorobenzene	0.873	0.919	-	-5.3	20	106	0
Benzyl alcohol	0.578	0.631	-	-9.2	20	108	0
Bis(2-chloroisopropyl)ethe	1.416	1.515	-	-7	20	107	0
2-Methylphenol	0.65	0.723	-	-11.2	20	110	0
Hexachloroethane	0.339	0.366	-	-8	20	108	0
n-Nitrosodi-n-propylamine	0.507	0.555	-	-9.5	20	108	0
3-Methylphenol/4-Methylphe	0.686	0.77	-	-12.2	20	110	0
Nitrobenzene-d5	0.74	0.829	-	-12	20	109	0
Nitrobenzene	0.762	0.848	-	-11.3	20	109	0
Isophorone	1.314	1.484	-	-12.9	20	109	0
2-Nitrophenol	0.373	0.426	-	-14.2	20	115	0
2,4-Dimethylphenol	0.73	0.793	-	-8.6	20	106	0
Bis(2-chloroethoxy)methane	0.919	1.034	-	-12.5	20	111	0
2,4-Dichlorophenol	0.669	0.708	-	-5.8	20	104	0
1,2,4-Trichlorobenzene	0.815	0.796	-	2.3	20	97	0
IS1_Naphthalene-d8	1	1	-	0	20	95	0
Naphthalene	0.992	1.049	-	-5.7	20	106	0
Benzoic Acid	5	5.668	-	-13.4	20	130	0
4-Chloroaniline	0.127	0.133	-	-4.7	20	108	0
Hexachlorobutadiene	0.208	0.196	-	5.8	20	96	0
p-Chloro-m-cresol	0.265	0.287	-	-8.3	20	104	0
2-Methylnaphthalene	0.678	0.693	-	-2.2	20	101	0
1-Methylnaphthalene	0.233	0.225	-	3.4	20	100	0
Hexachlorocyclopentadiene	0.258	0.25	-	3.1	20	102	0
2,4,6-Trichlorophenol	0.225	0.226	-	-0.4	20	101	0
2,4,5-Trichlorophenol	0.245	0.243	-	0.8	20	99	0
2-Fluorobiphenyl	0.813	0.791	-	2.7	20	97	0
2-Chloronaphthalene	0.666	0.68	-	-2.1	20	102	0
2-Nitroaniline	0.185	0.202	-	-9.2	20	115	0
1,4-Dinitrobenzene	0.103	0.093	-	9.7	20	98	0
1,3-Dinitrobenzene	0.116	0.111	-	4.3	20	101	0
Dimethyl phthalate	0.779	0.819	-	-5.1	20	102	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: SV124	**Calibration Date**	: 12/27/20 03:36		
Lab File ID	: ABN1227	**Init. Calib. Date(s)**	: 12/03/20	12/04/20	
Sample No	: WG1449122-3	**Init. Calib. Times**	: 17:45	05:48	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.077	1.139	-	-5.8	20	102	0
2,6-Dinitrotoluene	0.168	0.171	-	-1.8	20	102	0
1,2-Dinitrobenzene	0.077	0.075	-	2.6	20	96	0
IS1_Acenaphthene-d10	1	1	-	0	20	94	0
3-Nitroaniline	0.315	0.35	-	-11.1	20	108	0
Acenaphthene	1.134	1.152	-	-1.6	20	101	0
2,4-Dinitrophenol	5	5.725	-	-14.5	20	124	0
Dibenzofuran	1.772	1.779	-	-0.4	20	98	0
2,4-Dinitrotoluene	0.397	0.416	-	-4.8	20	103	0
4-Nitrophenol	0.295	0.312	-	-5.8	20	111	0
2,3,5,6-Tetrachlorophenol	0.369	0.366	-	0.8	20	101	0
2,3,4,6-Tetrachlorophenol	0.362	0.357	-	1.4	20	98	0
Diethyl phthalate	1.373	1.454	-	-5.9	20	101	0
Fluorene	1.36	1.4	-	-2.9	20	100	0
4-Chlorophenyl phenyl ethe	0.675	0.657	-	2.7	20	96	0
4-Nitroaniline	0.302	0.33	-	-9.3	20	109	0
4,6-Dinitro-o-cresol	0.222	0.229	-	-3.2	20	111	0
NDPA/DPA	1.136	1.179	-	-3.8	20	99	0
Azobenzene	1.308	1.595	-	-21.9*	20	116	0
2,4,6-Tribromophenol	0.237	0.236	-	0.4	20	97	0
4-Bromophenyl phenyl ether	0.403	0.385	-	4.5	20	93	0
Hexachlorobenzene	0.486	0.465	-	4.3	20	93	0
Pentachlorophenol	0.28	0.278	-	0.7	20	106	0
IS1_Phenanthrene-d10	1	1	-	0	20	85	0
Phenanthrene	1.077	1.09	-	-1.2	20	96	0
Anthracene	1.051	1.094	-	-4.1	20	96	0
Carbazole	0.969	1.016	-	-4.9	20	98	0
Di-n-butylphthalate	1.074	1.147	-	-6.8	20	105	0
Fluoranthene	1.161	1.19	-	-2.5	20	96	0
Benzidine	0.822	0.779	-	5.2	20	101	0
Pyrene	1.233	1.257	-	-1.9	20	95	0
4-Terphenyl-d14	0.91	0.916	-	-0.7	20	96	0
Butyl benzyl phthalate	5	5.034	-	-0.7	20	113	0
IS1_Chrysene-d12	1	1	-	0	20	85	0
Benzo(a)anthracene	1.152	1.214	-	-5.4	20	98	0
3,3'-Dichlorobenzidine	0.441	0.478	-	-8.4	20	101	0
Chrysene	1.196	1.277	-	-6.8	20	99	0
Bis(2-ethylhexyl)phthalate	5	5.352	-	-7	20	105	0
Di-n-octylphthalate	5	5.096	-	-1.9	20	110	0
Benzo(b)fluoranthene	1.209	1.354	-	-12	20	101	0
Benzo(k)fluoranthene	1.127	1.164	-	-3.3	20	97	0
Benzo(a)pyrene	1.017	1.105	-	-8.7	20	101	0
IS1_Perylene-d12	1	1	-	0	20	87	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2056917	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: SV124		**Calibration Date**	: 12/27/20 03:36	
Lab File ID	: ABN1227		**Init. Calib. Date(s)**	: 12/03/20	12/04/20
Sample No	: WG1449122-3		**Init. Calib. Times**	: 17:45	05:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.108	1.151	-	-3.9	20	99	0
Dibenzo(a,h)anthracene	1.139	1.264	-	-11	20	102	0
Benzo(ghi)perylene	1.178	1.27	-	-7.8	20	100	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2056917	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: SV124		**Calibration Date**	: 12/27/20 03:59	
Lab File ID	: AP91227		**Init. Calib. Date(s)**	: 12/03/20	12/04/20
Sample No	: WG1449122-4		**Init. Calib. Times**	: 17:45	05:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	103	0
Benzaldehyde	0.627	0.627	-	0	20	105	0
Acetophenone	1.059	1.081	-	-2.1	20	107	0
m-Toluidine	1.101	1.1	-	0.1	20	103	0
2-Chloroaniline	0.989	1.024	-	-3.5	20	106	0
IS2_Naphthalene-d8	1	1	-	0	20	105	0
a-Terpineol	0.267	0.302	-	-13.1	20	123	0
3-Chloroaniline	0.143	0.143	-	0	20	107	0
2,6-Dichlorophenol	0.278	0.269	-	3.2	20	103	0
1-chloro-2-nitrobenzene	0.128	0.13	-	-1.6	20	109	0
Caprolactam	0.146	0.159	-	-8.9	20	126	0
1,2,4,5-Tetrachlorobenzene	0.358	0.306	-	14.5	20	90	0
Biphenyl	0.832	0.778	-	6.5	20	97	0
IS2_Acenaphthene-d10	1	1	-	0	20	101	0
Dichloran	5	4.713	-	5.7	20	103	0
Pentachloronitrobenzene	5	4.499	-	10	20	96	0
IS2_Phenanthrene-d10	1	1	-	0	20	101	0
Diphenamid	0.412	0.403	-	2.2	20	104	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2056917	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: SV124		**Calibration Date**	: 12/27/20 04:22	
Lab File ID	: ADP1227		**Init. Calib. Date(s)**	: 12/03/20	12/04/20
Sample No	: WG1449122-5		**Init. Calib. Times**	: 17:45	05:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	93	0
n-Decane	0.917	1.105	-	-20.5*	20	113	0
IS3_Acenaphthene-d10	1	1	-	0	20	88	0
Atrazine	0.313	0.325	-	-3.8	20	96	0
IS3_Phenanthrene-d10	1	1	-	0	20	84	0
n-Octadecane	0.416	0.547	-	-31.5*	20	115	0
Parathion	5	6.41	-	-28.2*	20	131	0
3,3'-Dimethylbenzidine	5	5.443	-	-8.9	20	99	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: SV124	**Calibration Date**	: 12/27/20 23:34		
Lab File ID	: ABN1227N	**Init. Calib. Date(s)**	: 12/03/20	12/04/20	
Sample No	: WG1449238-3	**Init. Calib. Times**	: 17:45	05:48	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	114	0
n-Nitrosodimethylamine	0.443	0.474	-	-7	20	120	0
Pyridine	0.704	0.787	-	-11.8	20	135	0
2-Fluorophenol	0.627	0.668	-	-6.5	20	119	0
Aniline	1.09	1.103	-	-1.2	20	114	0
2-Chlorophenol	0.747	0.766	-	-2.5	20	116	0
Phenol-d6	0.821	0.835	-	-1.7	20	112	0
Phenol	0.893	0.925	-	-3.6	20	118	0
Bis(2-chloroethyl)ether	0.722	0.767	-	-6.2	20	121	0
1,3-Dichlorobenzene	0.895	0.87	-	2.8	20	110	0
1,4-Dichlorobenzene	0.911	0.872	-	4.3	20	110	0
1,2-Dichlorobenzene	0.873	0.843	-	3.4	20	110	0
Benzyl alcohol	0.578	0.568	-	1.7	20	110	0
Bis(2-chloroisopropyl)ethe	1.416	1.404	-	0.8	20	112	0
2-Methylphenol	0.65	0.68	-	-4.6	20	117	0
Hexachloroethane	0.339	0.344	-	-1.5	20	114	0
n-Nitrosodi-n-propylamine	0.507	0.507	-	0	20	112	0
3-Methylphenol/4-Methylphe	0.686	0.722	-	-5.2	20	116	0
Nitrobenzene-d5	0.74	0.785	-	-6.1	20	117	0
Nitrobenzene	0.762	0.801	-	-5.1	20	116	0
Isophorone	1.314	1.375	-	-4.6	20	114	0
2-Nitrophenol	0.373	0.395	-	-5.9	20	121	0
2,4-Dimethylphenol	0.73	0.745	-	-2.1	20	112	0
Bis(2-chloroethoxy)methane	0.919	0.979	-	-6.5	20	119	0
2,4-Dichlorophenol	0.669	0.662	-	1	20	110	0
1,2,4-Trichlorobenzene	0.815	0.745	-	8.6	20	103	0
IS1_Naphthalene-d8	1	1	-	0	20	108	0
Naphthalene	0.992	1.002	-	-1	20	115	0
Benzoic Acid	5	5.187	-	-3.7	20	132	0
4-Chloroaniline	0.127	0.126	-	0.8	20	115	0
Hexachlorobutadiene	0.208	0.182	-	12.5	20	101	0
p-Chloro-m-cresol	0.265	0.266	-	-0.4	20	110	0
2-Methylnaphthalene	0.678	0.663	-	2.2	20	110	0
1-Methylnaphthalene	0.233	0.22	-	5.6	20	111	0
Hexachlorocyclopentadiene	0.258	0.223	-	13.6	20	103	0
2,4,6-Trichlorophenol	0.225	0.214	-	4.9	20	108	0
2,4,5-Trichlorophenol	0.245	0.224	-	8.6	20	104	0
2-Fluorobiphenyl	0.813	0.734	-	9.7	20	102	0
2-Chloronaphthalene	0.666	0.641	-	3.8	20	109	0
2-Nitroaniline	0.185	0.182	-	1.6	20	118	0
1,4-Dinitrobenzene	0.103	0.086	-	16.5	20	103	0
1,3-Dinitrobenzene	0.116	0.104	-	10.3	20	107	0
Dimethyl phthalate	0.779	0.773	-	0.8	20	109	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2056917	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: SV124		**Calibration Date**	: 12/27/20 23:34	
Lab File ID	: ABN1227N		**Init. Calib. Date(s)**	: 12/03/20	12/04/20
Sample No	: WG1449238-3		**Init. Calib. Times**	: 17:45	05:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.077	1.068	-	0.8	20	108	0
2,6-Dinitrotoluene	0.168	0.161	-	4.2	20	108	0
1,2-Dinitrobenzene	0.077	0.073	-	5.2	20	104	0
IS1_Acenaphthene-d10	1	1	-	0	20	103	0
3-Nitroaniline	0.315	0.341	-	-8.3	20	115	0
Acenaphthene	1.134	1.131	-	0.3	20	108	0
2,4-Dinitrophenol	5	5.361	-	-7.2	20	124	0
Dibenzofuran	1.772	1.741	-	1.7	20	105	0
2,4-Dinitrotoluene	0.397	0.402	-	-1.3	20	109	0
4-Nitrophenol	0.295	0.297	-	-0.7	20	115	0
2,3,5,6-Tetrachlorophenol	0.369	0.353	-	4.3	20	107	0
2,3,4,6-Tetrachlorophenol	0.362	0.347	-	4.1	20	104	0
Diethyl phthalate	1.373	1.427	-	-3.9	20	108	0
Fluorene	1.36	1.375	-	-1.1	20	107	0
4-Chlorophenyl phenyl ethe	0.675	0.644	-	4.6	20	103	0
4-Nitroaniline	0.302	0.322	-	-6.6	20	116	0
4,6-Dinitro-o-cresol	0.222	0.225	-	-1.4	20	119	0
NDPA/DPA	1.136	1.157	-	-1.8	20	106	0
Azobenzene	1.308	1.39	-	-6.3	20	111	0
2,4,6-Tribromophenol	0.237	0.225	-	5.1	20	101	0
4-Bromophenyl phenyl ether	0.403	0.383	-	5	20	101	0
Hexachlorobenzene	0.486	0.459	-	5.6	20	101	0
Pentachlorophenol	0.28	0.266	-	5	20	111	0
IS1_Phenanthrene-d10	1	1	-	0	20	97	0
Phenanthrene	1.077	1.021	-	5.2	20	103	0
Anthracene	1.051	1.022	-	2.8	20	103	0
Carbazole	0.969	0.941	-	2.9	20	104	0
Di-n-butylphthalate	1.074	1.038	-	3.4	20	109	0
Fluoranthene	1.161	1.092	-	5.9	20	101	0
Benzidine	0.822	0.669	-	18.6	20	99	0
Pyrene	1.233	1.192	-	3.3	20	103	0
4-Terphenyl-d14	0.91	0.864	-	5.1	20	104	0
Butyl benzyl phthalate	5	4.473	-	10.5	20	113	0
IS1_Chrysene-d12	1	1	-	0	20	99	0
Benzo(a)anthracene	1.152	1.136	-	1.4	20	107	0
3,3'-Dichlorobenzidine	0.441	0.418	-	5.2	20	103	0
Chrysene	1.196	1.184	-	1	20	107	0
Bis(2-ethylhexyl)phthalate	5	4.776	-	4.5	20	108	0
Di-n-octylphthalate	5	4.425	-	11.5	20	108	0
Benzo(b)fluoranthene	1.209	1.167	-	3.5	20	101	0
Benzo(k)fluoranthene	1.127	1.141	-	-1.2	20	111	0
Benzo(a)pyrene	1.017	0.985	-	3.1	20	105	0
IS1_Perylene-d12	1	1	-	0	20	100	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2056917	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: SV124		**Calibration Date**	: 12/27/20 23:34	
Lab File ID	: ABN1227N		**Init. Calib. Date(s)**	: 12/03/20	12/04/20
Sample No	: WG1449238-3		**Init. Calib. Times**	: 17:45	05:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.108	1.033	-	6.8	20	102	0
Dibenzo(a,h)anthracene	1.139	1.138	-	0.1	20	105	0
Benzo(ghi)perylene	1.178	1.144	-	2.9	20	103	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2056917	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: SV124		**Calibration Date**	: 12/27/20 23:56	
Lab File ID	: AP91227N		**Init. Calib. Date(s)**	: 12/03/20	12/04/20
Sample No	: WG1449238-4		**Init. Calib. Times**	: 17:45	05:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	112	0
Benzaldehyde	0.627	0.6	-	4.3	20	108	0
Acetophenone	1.059	1.026	-	3.1	20	110	0
m-Toluidine	1.101	1.098	-	0.3	20	111	0
2-Chloroaniline	0.989	1.002	-	-1.3	20	112	0
IS2_Naphthalene-d8	1	1	-	0	20	111	0
a-Terpineol	0.267	0.295	-	-10.5	20	127	0
3-Chloroaniline	0.143	0.143	-	0	20	112	0
2,6-Dichlorophenol	0.278	0.267	-	4	20	108	0
1-chloro-2-nitrobenzene	0.128	0.13	-	-1.6	20	115	0
Caprolactam	0.146	0.152	-	-4.1	20	127	0
1,2,4,5-Tetrachlorobenzene	0.358	0.317	-	11.5	20	99	0
Biphenyl	0.832	0.801	-	3.7	20	105	0
IS2_Acenaphthene-d10	1	1	-	0	20	107	0
Dichloran	5	4.479	-	10.4	20	102	0
Pentachloronitrobenzene	5	4.355	-	12.9	20	98	0
IS2_Phenanthrene-d10	1	1	-	0	20	109	0
Diphenamid	0.412	0.376	-	8.7	20	105	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC		**Lab Number**	: L2056917	
Project Name	: PISTOIA TIRE CO		**Project Number**	: 0064-5	
Instrument ID	: SV124		**Calibration Date**	: 12/28/20 00:19	
Lab File ID	: ADP1227N		**Init. Calib. Date(s)**	: 12/03/20	12/04/20
Sample No	: WG1449238-5		**Init. Calib. Times**	: 17:45	05:48
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	111	0
n-Decane	0.917	1.023	-	-11.6	20	125	0
IS3_Acenaphthene-d10	1	1	-	0	20	100	0
Atrazine	0.313	0.288	-	8	20	96	0
IS3_Phenanthrene-d10	1	1	-	0	20	101	0
n-Octadecane	0.416	0.485	-	-16.6	20	122	0
Parathion	5	5.15	-	-3	20	122	0
3,3'-Dimethylbenzidine	5	4.457	-	10.9	20	95	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Lisko Environmental, LLC
Project Name: PISTOIA TIRE CO

Lab Number: L2056917
Project Number: 0064-5
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (NBZ)	S2 (FBP)	S3 (TPH)	S4 ()	S5 ()	S6 ()	TOT OUT
MW-1 (L2056917-01)	58	51	60	--	--	--	0
MW-2 (L2056917-02)	53	51	68	--	--	--	0
MW-3 (L2056917-03)	40	38	53	--	--	--	0
MW-4 (L2056917-04)	81	70	79	--	--	--	0
MW-5 (L2056917-05)	75	67	78	--	--	--	0
MW-6 (L2056917-06)	71	59	68	--	--	--	0
WG1448411-1BLANK	68	66	83	--	--	--	0
WG1448411-2LCS	68	62	78	--	--	--	0
WG1448411-3LCSD	66	65	78	--	--	--	0
WG1448816-1BLANK	71	65	80	--	--	--	0
WG1448816-2LCS	80	73	84	--	--	--	0
WG1448816-3LCSD	75	66	76	--	--	--	0

QC LIMITS

(30-130) NBZ = NITROBENZENE-D5
(30-130) FBP = 2-FLUOROBIPHENYL
(30-130) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NJ-BNEXT-LVI

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1448411-2	**Analysis Date** : 12/27/20 05:11	**File ID** : 448411-2
LCSD Sample ID	: WG1448411-3	**Analysis Date** : 12/27/20 05:34	**File ID** : 448411-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Acenaphthene	18	13	73		18	13	72		1	70-130	20
Bis(2-chloroethyl)ether	18	12	67	Q	18	12	67	Q	0	70-130	20
2-Chloronaphthalene	18	12	68	Q	18	12	69	Q	1	70-130	20
2,4-Dinitrotoluene	18	15	81		18	14	80		1	70-130	20
2,6-Dinitrotoluene	18	14	77		18	14	77		0	70-130	20
Fluoranthene	18	15	81		18	15	84		4	70-130	20
4-Chlorophenyl phenyl ether	18	13	73		18	13	72		1	70-130	20
Bis(2-chloroisopropyl)ether	18	12	64	Q	18	12	65	Q	2	70-130	20
Bis(2-chloroethoxy)methane	18	14	75		18	13	74		1	70-130	20
Hexachlorocyclopentadiene	18	8.6	47		18	8.8	49		4	20-160	20
Hexachloroethane	18	11	60		18	11	62		3	20-160	20
Isophorone	18	13	74		18	14	75		1	70-130	20
Naphthalene	18	12	66	Q	18	12	66	Q	0	70-130	20
Nitrobenzene	18	13	70		18	13	70		0	70-130	20
NDPA/DPA	18	14	77		18	14	75		3	70-130	20
n-Nitrosodi-n-propylamine	18	13	74		18	14	75		1	70-130	20
Bis(2-ethylhexyl)phthalate	18	16	89		18	17	94		5	70-130	20
Butyl benzyl phthalate	18	16	86		18	16	90		5	70-130	20
Di-n-butylphthalate	18	16	87		18	16	88		1	70-130	20
Di-n-octylphthalate	18	16	85		18	16	91		7	70-130	20
Diethyl phthalate	18	15	84		18	15	83		1	70-130	20
Dimethyl phthalate	18	14	80		18	15	84		5	70-130	20
Chrysene	18	15	82		18	15	82		0	70-130	20
Acenaphthylene	18	13	74		18	14	76		3	70-130	20
Anthracene	18	14	80		18	14	80		0	70-130	20
Benzo(ghi)perylene	18	15	81		18	14	80		1	70-130	20

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1448411-2	**Analysis Date** : 12/27/20 05:11	**File ID** : 448411-2
LCSD Sample ID	: WG1448411-3	**Analysis Date** : 12/27/20 05:34	**File ID** : 448411-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Fluorene	18	14	76		18	14	76		0	70-130	20
Phenanthrene	18	14	78		18	14	78		0	70-130	20
Pyrene	18	15	80		18	15	81		1	70-130	20
4-Chloroaniline	18	6.0	33		18	4.9	27		20	20-160	20
2-Nitroaniline	18	14	79		18	15	84		6	70-130	20
3-Nitroaniline	18	11	60	Q	18	9.8	54	Q	11	70-130	20
4-Nitroaniline	18	14	79		18	14	78		1	70-130	20
Dibenzofuran	18	13	74		18	13	72		3	70-130	20
2-Methylnaphthalene	18	12	68	Q	18	12	69	Q	1	70-130	20
Carbazole	18	15	83		18	15	83		0	70-130	20
4-Bromophenyl phenyl ether	18	14	76		18	13	73		4	70-130	20
3,3'-Dichlorobenzidine	18	10	55	Q	18	8.7	48	Q	14	70-130	20
Benzaldehyde	18	11	62		18	11	62		0	20-160	20
Acetophenone	18	13	71		18	13	71		0	70-130	20
Caprolactam	18	6.4	36		18	6.0	33		9	20-160	20
Biphenyl	18	13	72		18	13	74		3	70-130	20
1,2,4,5-Tetrachlorobenzene	18	11	61	Q	18	11	62	Q	2	70-130	20
Atrazine	18	20	108		18	20	109		1	70-130	20

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1448816-2	**Analysis Date** : 12/28/20 01:05	**File ID** : 448816-2
LCSD Sample ID	: WG1448816-3	**Analysis Date** : 12/28/20 01:27	**File ID** : 448816-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	18	14	77	18	13	71	8	70-130	20
Bis(2-chloroethyl)ether	18	14	80	18	14	75	6	70-130	20
2-Chloronaphthalene	18	14	77	18	12	68 Q	12	70-130	20
2,4-Dinitrotoluene	18	15	84	18	14	75	11	70-130	20
2,6-Dinitrotoluene	18	15	81	18	13	72	12	70-130	20
Fluoranthene	18	16	87	18	14	80	8	70-130	20
4-Chlorophenyl phenyl ether	18	14	78	18	13	70	11	70-130	20
Bis(2-chloroisopropyl)ether	18	14	75	18	13	69 Q	8	70-130	20
Bis(2-chloroethoxy)methane	18	15	84	18	14	76	10	70-130	20
Hexachlorocyclopentadiene	18	9.5	52	18	8.4	46	12	20-160	20
Hexachloroethane	18	13	72	18	12	68	6	20-160	20
Isophorone	18	15	83	18	14	76	9	70-130	20
Naphthalene	18	14	77	18	13	70	10	70-130	20
Nitrobenzene	18	15	81	18	14	76	6	70-130	20
NDPA/DPA	18	15	82	18	13	74	10	70-130	20
n-Nitrosodi-n-propylamine	18	15	85	18	14	76	11	70-130	20
Bis(2-ethylhexyl)phthalate	18	16	91	18	15	84	8	70-130	20
Butyl benzyl phthalate	18	16	86	18	15	81	6	70-130	20
Di-n-butylphthalate	18	16	90	18	15	82	9	70-130	20
Di-n-octylphthalate	18	15	85	18	15	81	5	70-130	20
Diethyl phthalate	18	16	88	18	14	78	12	70-130	20
Dimethyl phthalate	18	16	86	18	14	76	12	70-130	20
Chrysene	18	16	90	18	15	83	8	70-130	20
Acenaphthylene	18	14	80	18	13	72	11	70-130	20
Anthracene	18	16	86	18	14	76	12	70-130	20
Benzo(ghi)perylene	18	16	87	18	15	82	6	70-130	20

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1448816-2	**Analysis Date** : 12/28/20 01:05	**File ID** : 448816-2
LCSD Sample ID	: WG1448816-3	**Analysis Date** : 12/28/20 01:27	**File ID** : 448816-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Fluorene	18	15	82		18	13	73		12	70-130	20
Phenanthrene	18	15	84		18	14	75		11	70-130	20
Pyrene	18	16	86		18	14	78		10	70-130	20
4-Chloroaniline	18	8.8	48		18	7.4	40		18	20-160	20
2-Nitroaniline	18	16	86		18	14	78		10	70-130	20
3-Nitroaniline	18	12	67	Q	18	11	60	Q	11	70-130	20
4-Nitroaniline	18	15	83		18	14	75		10	70-130	20
Dibenzofuran	18	14	79		18	13	71		11	70-130	20
2-Methylnaphthalene	18	14	76		18	13	70		8	70-130	20
Carbazole	18	16	89		18	15	81		9	70-130	20
4-Bromophenyl phenyl ether	18	14	79		18	13	71		11	70-130	20
3,3'-Dichlorobenzidine	18	8.5	47	Q	18	8.2	45	Q	4	70-130	20
Benzaldehyde	18	13	74		18	12	69		7	20-160	20
Acetophenone	18	15	82		18	13	74		10	70-130	20
Caprolactam	18	7.6	42		18	6.9	38		10	20-160	20
Biphenyl	18	14	80		18	13	71		12	70-130	20
1,2,4,5-Tetrachlorobenzene	18	12	68	Q	18	11	62	Q	9	70-130	20
Atrazine	18	20	108		18	18	100		8	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV124	**Analysis Date**	: 12/27/20 03:36:00
Sample No	: WG1449122-3	**Lab File ID**	: ABN1227

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1449122-3	35651	3.88	84527	5.13	47575	6.83
Upper Limit	71302	4.38	169054	5.63	95150	7.33
Lower Limit	17826	3.38	42264	4.63	23788	6.33
Sample ID						
WG1449122-4 CCAL	33932	3.87	86468	5.13	46459	6.83
WG1449122-5 CCAL	32888	3.87	-	-	44758	6.83
WG1448411-1 BLANK	35687	3.88	88175	5.13	47739	6.83
WG1448411-2 LCS	37452	3.87	91343	5.13	50841	6.83
WG1448411-3 LCSD	37786	3.87	91142	5.13	52556	6.83
MW-1	39520	3.87	99738	5.13	58340	6.83

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV124	**Analysis Date**	: 12/27/20 03:36:00
Sample No	: WG1449122-3	**Lab File ID**	: ABN1227

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1449122-3	93420	8.24	91393	10.79	92552	12.19
Upper Limit	186840	8.74	182786	11.29	185104	12.69
Lower Limit	46710	7.74	45697	10.29	46276	11.69
Sample ID						
WG1449122-4 CCAL	96808	8.24	-	-	-	-
WG1449122-5 CCAL	92144	8.24	-	-	-	-
WG1448411-1 BLANK	98738	8.24	97143	10.80	101834	12.19
WG1448411-2 LCS	103693	8.24	103792	10.79	104596	12.19
WG1448411-3 LCSD	106423	8.24	107464	10.79	111378	12.19
MW-1	120118	8.24	116808	10.79	119624	12.19

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV124	**Analysis Date**	: 12/27/20 23:34:00
Sample No	: WG1449238-3	**Lab File ID**	: ABN1227N

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1449238-3	40257	3.85	95766	5.10	52020	6.80
Upper Limit	80514	4.35	191532	5.60	104040	7.30
Lower Limit	20129	3.35	47883	4.60	26010	6.30
Sample ID						
WG1449238-4 CCAL	36729	3.85	91344	5.10	49520	6.80
WG1449238-5 CCAL	39055	3.85	-	-	50610	6.80
WG1448816-1 BLANK	34005	3.85	84410	5.10	45563	6.80
WG1448816-2 LCS	37136	3.85	89377	5.10	50806	6.80
WG1448816-3 LCSD	37195	3.85	89776	5.10	50210	6.80
MW-2	36043	3.85	89393	5.10	49653	6.80
MW-3	35022	3.85	89460	5.10	49268	6.80
MW-4	33848	3.85	85641	5.10	46047	6.80
MW-5	35405	3.85	88424	5.10	48609	6.80
MW-6	35388	3.85	88376	5.10	48915	6.80

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV124	**Analysis Date**	: 12/27/20 23:34:00
Sample No	: WG1449238-3	**Lab File ID**	: ABN1227N

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1449238-3	106942	8.22	106272	10.76	105931	12.16
Upper Limit	213884	8.72	212544	11.26	211862	12.66
Lower Limit	53471	7.72	53136	10.26	52966	11.66
Sample ID						
WG1449238-4 CCAL	104158	8.22	-	-	-	-
WG1449238-5 CCAL	110971	8.22	-	-	-	-
WG1448816-1 BLANK	93274	8.21	85086	10.76	84371	12.16
WG1448816-2 LCS	100255	8.22	97919	10.76	99135	12.16
WG1448816-3 LCSD	99396	8.22	97862	10.76	99324	12.16
MW-2	100257	8.21	98312	10.76	99884	12.16
MW-3	98379	8.22	93097	10.76	93632	12.16
MW-4	90524	8.21	85203	10.76	85821	12.16
MW-5	100691	8.21	92176	10.76	92418	12.16
MW-6	100675	8.21	93341	10.76	92021	12.16

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 29 18:56:18 2020
Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 13:06:09 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227LVI\ABN1227.D
: 2 - i:\8270\SV124\201227LVI\ADP1227.D
: 3 - i:\8270\SV124\201227LVI\AP91227.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.869	150	39520	4.000	ug/ml	0.00
Standard Area 1 = 35651			Recovery = 110.85%			
27) IS2_1,4-Dichlorobenzen...	3.869	150	39520	4.000	ug/ml	0.00
Standard Area 3 = 33932			Recovery = 116.47%			
34) IS1_Naphthalene-d8	5.128	136	99738	4.000	ug/ml	0.00
Standard Area 1 = 84527			Recovery = 118.00%			
54) IS2_Naphthalene-d8	5.128	136	99738	4.000	ug/ml	0.00
Standard Area 3 = 86468			Recovery = 115.35%			
62) IS1_Acenaphthene-d10	6.828	164	58340	4.000	ug/ml	0.00
Standard Area 1 = 47575			Recovery = 122.63%			
85) IS3_Acenaphthene-d10	6.828	164	58340	4.000	ug/ml	0.00
Standard Area 2 = 44758			Recovery = 130.35%			
87) IS1_Phenanthrene-d10	8.239	188	120118	4.000	ug/ml	0.00
Standard Area 1 = 93420			Recovery = 128.58%			
103) IS1_Chrysene-d12	10.786	240	116808	4.000	ug/ml	0.00
Standard Area 1 = 91393			Recovery = 127.81%			
112) IS1_Perylene-d12	12.186	264	119624	4.000	ug/ml	0.00
Standard Area 1 = 92552			Recovery = 129.25%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.522	112	18054	2.916	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 58.32%			
7) Phenol-d6	3.593	99	19912	2.453	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 49.06%			
19) Nitrobenzene-d5	4.445	82	10679	1.461	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 58.44%			
45) 2-Fluorobiphenyl	6.216	172	25769	1.271	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 50.84%			
78) 2,4,6-Tribromophenol	7.586	330	9553	2.763	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 55.26%			
95) 4-Terphenyl-d14	9.822	244	40741	1.491	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 59.64%			
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		

Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 29 18:56:18 2020
Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 13:06:09 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227LVI\ABN1227.D
: 2 - i:\8270\SV124\201227LVI\ADP1227.D
: 3 - i:\8270\SV124\201227LVI\AP91227.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
35) Naphthalene	0.000		0	N.D.		
37) 4-Chloroaniline	0.000		0	N.D.		
40) 2-Methylnaphthalene	0.000		0	N.D.		
42) Hexachlorocyclopentadiene	0.000		0	N.D.		
46) 2-Chloronaphthalene	0.000		0	N.D.		
47) 2-Nitroaniline	0.000		0	N.D.		
50) Dimethyl phthalate	0.000		0	N.D.		
51) Acenaphthylene	0.000		0	N.D.		
52) 2,6-Dinitrotoluene	0.000		0	N.D.		
59) Caprolactam	0.000		0	N.D.	d	
60) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
61) Biphenyl	0.000		0	N.D.		
63) 3-Nitroaniline	0.000		0	N.D.		
64) Acenaphthene	0.000		0	N.D.		
66) Dibenzofuran	0.000		0	N.D.		
67) 2,4-Dinitrotoluene	0.000		0	N.D.		
71) Diethyl phthalate	0.000		0	N.D.		
72) Fluorene	0.000		0	N.D.		
73) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
74) 4-Nitroaniline	0.000		0	N.D.		
76) NDPA/DPA	0.000		0	N.D.		
79) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
86) Atrazine	0.000		0	N.D.		
88) Phenanthrene	0.000		0	N.D.		
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.	d	
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		

Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 29 18:56:18 2020
Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 13:06:09 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227LVI\ABN1227.D
: 2 - i:\8270\SV124\201227LVI\ADP1227.D
: 3 - i:\8270\SV124\201227LVI\AP91227.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0		N.D.	
106) Chrysene	0.000		0		N.D.	
107) Bis(2-ethylhexyl)phtha...	0.000		0		N.D.	d
108) Di-n-octylphthalate	0.000		0		N.D.	d
115) Benzo(ghi)perylene	0.000		0		N.D.	

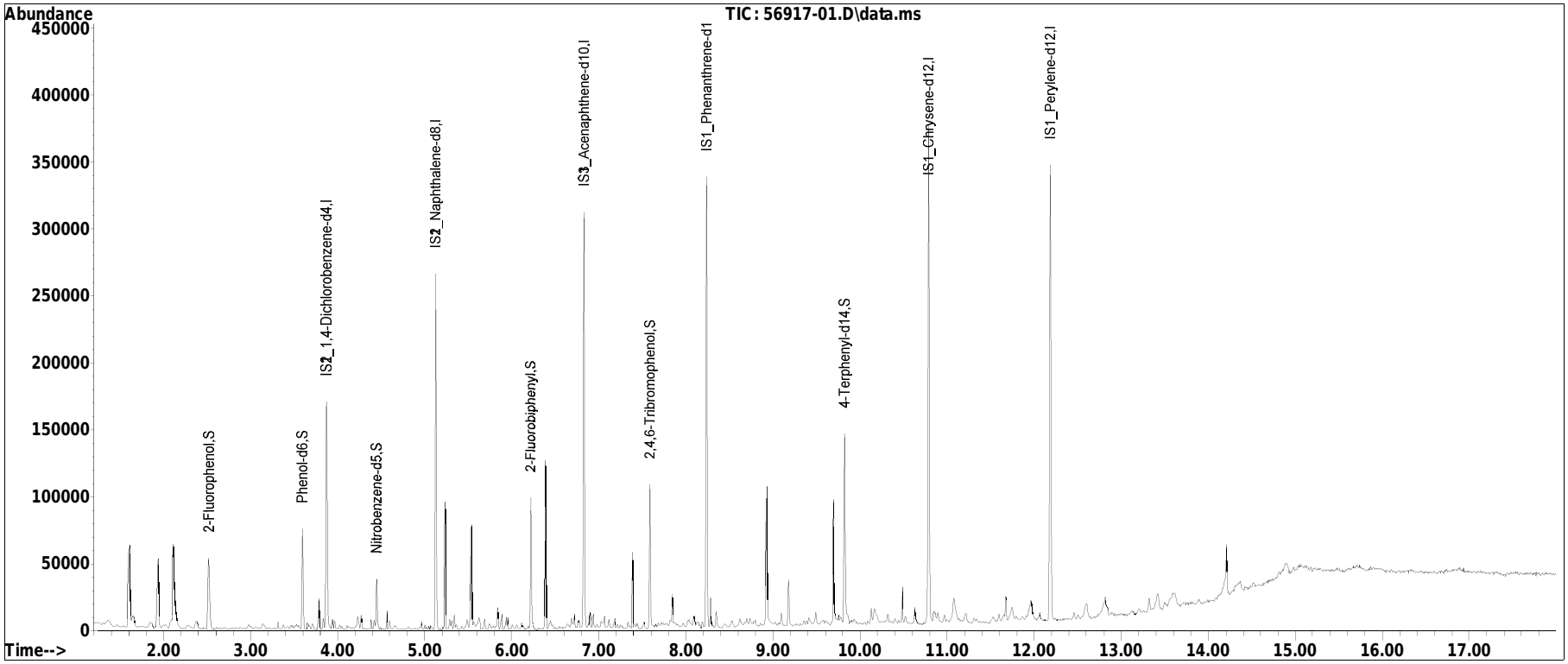
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 29 18:56:18 2020
Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 13:06:09 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional227.D•



Manual Integration Report

Data Path	: I:\8270\SV124\201227LVI\	QMethod	: FS201203SV124.m
Data File	: 56917-01.D	Operator	: SV124:jg
Date Inj'd	: 12/27/2020 1:08 pm	Instrument	: SV124
Sample	: L2056917-01,32,,JT,	Quant Date	: 12/28/2020 1:06 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227LVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 56917-01.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.357	27	29	36	rVB3	2924	6524	1.84%	0.172%
2	1.604	66	71	76	rBV	61049	91488	25.84%	2.414%
3	1.646	76	78	87	rVB3	8903	16120	4.55%	0.425%
4	1.846	106	112	113	rBV5	3582	6139	1.73%	0.162%
5	1.934	122	127	135	rVB	51612	83965	23.72%	2.215%
6	2.093	148	154	155	rBV2	6640	11848	3.35%	0.313%
7	2.110	155	157	172	rVB	62764	102590	28.98%	2.706%
8	2.369	196	201	202	rBV	4928	6093	1.72%	0.161%
9	2.522	223	227	234	rVB	53083	63888	18.04%	1.685%
10	3.140	325	332	339	rVB4	3570	7378	2.08%	0.195%
11	3.310	358	361	369	rBV	4923	5779	1.63%	0.152%
12	3.593	406	409	414	rBV	74563	61831	17.46%	1.631%
13	3.651	417	419	422	rBV2	5115	5358	1.51%	0.141%
14	3.781	437	441	445	rBV	22545	21716	6.13%	0.573%
15	3.840	448	451	453	rVV	8236	7384	2.09%	0.195%
16	3.869	453	456	465	rVV	169606	163720	46.24%	4.319%
17	3.934	465	467	470	rVV	7691	7943	2.24%	0.210%
18	3.963	470	472	475	rVB	6190	5540	1.56%	0.146%
19	4.228	514	517	521	rVB2	8527	10539	2.98%	0.278%
20	4.269	521	524	527	rVB2	10943	10576	2.99%	0.279%
21	4.387	541	544	547	rVB	7575	6468	1.83%	0.171%
22	4.422	547	550	551	rBV	6698	5804	1.64%	0.153%
23	4.445	551	554	559	rVB	37224	32690	9.23%	0.862%
24	4.563	570	574	578	rBV	13738	11678	3.30%	0.308%
25	4.604	578	581	583	rVV	6220	5500	1.55%	0.145%
26	4.963	640	642	646	rVB2	5743	5451	1.54%	0.144%
27	5.128	667	670	674	rBV	265436	206933	58.45%	5.459%
28	5.234	685	688	692	rVB	94743	78591	22.20%	2.073%

Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227LVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

29	5.292	696	698	700	rBV	7129	6254	1.77%	0.165%
30	5.345	704	707	709	rBV2	10531	8375	2.37%	0.221%
31	5.487	728	731	734	rVB3	5905	6252	1.77%	0.165%
32	5.534	734	739	742	rBV	76514	64736	18.28%	1.708%
33	5.616	750	753	757	rVB	8561	11709	3.31%	0.309%
34	5.687	762	765	768	rVB	7384	6513	1.84%	0.172%
35	5.740	771	774	778	rBV2	4240	5796	1.64%	0.153%
36	5.834	788	790	794	rVB2	15441	15157	4.28%	0.400%
37	5.887	794	799	802	rVV2	11155	14063	3.97%	0.371%
38	5.934	802	807	809	rVV2	8940	9641	2.72%	0.254%
39	5.957	809	811	814	rVB	8304	6787	1.92%	0.179%
40	6.110	832	837	843	rBV2	4392	5701	1.61%	0.150%
41	6.216	852	855	858	rBV	97680	75893	21.44%	2.002%
42	6.387	879	884	888	rBV	125351	97343	27.49%	2.568%
43	6.445	888	894	896	rBV	5865	9250	2.61%	0.244%
44	6.681	931	934	937	rBV	6937	7468	2.11%	0.197%
45	6.716	937	940	945	rVB3	9610	11524	3.25%	0.304%
46	6.769	945	949	952	rVB3	5857	7137	2.02%	0.188%
47	6.828	955	959	962	rBV	310044	263383	74.39%	6.948%
48	6.898	969	971	975	rVB	10993	9678	2.73%	0.255%
49	6.939	975	978	982	rVB2	9936	10574	2.99%	0.279%
50	7.028	991	993	996	rBV3	4344	5831	1.65%	0.154%
51	7.069	996	1000	1003	rVV	8112	9786	2.76%	0.258%
52	7.116	1003	1008	1012	rVV2	5977	6279	1.77%	0.166%
53	7.181	1012	1019	1022	rVB3	6690	9218	2.60%	0.243%
54	7.386	1050	1054	1057	rBV	57084	46750	13.20%	1.233%
55	7.522	1072	1077	1083	rVB3	5026	7813	2.21%	0.206%
56	7.586	1083	1088	1093	rBV	107890	89134	25.18%	2.352%
57	7.845	1129	1132	1134	rVB	21006	16783	4.74%	0.443%
58	8.039	1163	1165	1170	rVV2	4850	6692	1.89%	0.177%
59	8.092	1170	1174	1177	rVB2	7180	8083	2.28%	0.213%
60	8.239	1195	1199	1202	rVV	336023	299140	84.49%	7.892%

LSC Area Percent Report

Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227LVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

61	8.281	1202	1206	1210	rVB	21221	17690	5.00%	0.467%
62	8.357	1216	1219	1224	rVB	11872	12223	3.45%	0.322%
63	8.457	1229	1236	1240	rBV4	2977	7637	2.16%	0.201%
64	8.533	1243	1249	1253	rBV3	4967	8075	2.28%	0.213%
65	8.616	1256	1263	1269	rBV3	6124	11962	3.38%	0.316%
66	8.928	1310	1316	1330	rBV	102716	99523	28.11%	2.626%
67	9.092	1342	1344	1350	rVB	9373	9680	2.73%	0.255%
68	9.175	1355	1358	1362	rBV	34032	31591	8.92%	0.833%
69	9.416	1397	1399	1404	rVV3	5315	7678	2.17%	0.203%
70	9.492	1407	1412	1416	rVV2	8742	9874	2.79%	0.260%
71	9.692	1442	1446	1451	rBV	91738	87846	24.81%	2.318%
72	9.822	1465	1468	1477	rVB	141617	133348	37.66%	3.518%
73	10.133	1517	1521	1523	rBV2	11792	10974	3.10%	0.290%
74	10.169	1523	1527	1536	rVB4	10332	24263	6.85%	0.640%
75	10.316	1549	1552	1555	rVB2	5748	5590	1.58%	0.147%
76	10.486	1576	1581	1585	rVV2	27108	30128	8.51%	0.795%
77	10.527	1585	1588	1592	rVB2	4628	5104	1.44%	0.135%
78	10.627	1601	1605	1613	rVB	11795	12725	3.59%	0.336%
79	10.786	1626	1632	1639	rBV	372181	348145	98.33%	9.185%
80	10.857	1639	1644	1649	rVV4	8640	20622	5.82%	0.544%
81	10.898	1649	1651	1657	rVV4	7105	8457	2.39%	0.223%
82	10.974	1660	1664	1666	rBV2	5120	5523	1.56%	0.146%
83	11.074	1674	1681	1689	rBV	16414	35621	10.06%	0.940%
84	11.210	1699	1704	1709	rVB3	6724	11875	3.35%	0.313%
85	11.521	1751	1757	1762	rBV7	4779	11539	3.26%	0.304%
86	11.592	1766	1769	1773	rVV4	5674	6425	1.81%	0.170%
87	11.645	1774	1778	1780	rVV2	4571	6500	1.84%	0.171%
88	11.669	1780	1782	1786	rVB	17275	18534	5.23%	0.489%
89	11.739	1788	1794	1800	rVV3	9148	19644	5.55%	0.518%
90	11.957	1825	1831	1840	rVB2	14106	34883	9.85%	0.920%
91	12.063	1843	1849	1856	rBV6	5899	10330	2.92%	0.273%

LSC Area Percent Report

Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227LVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

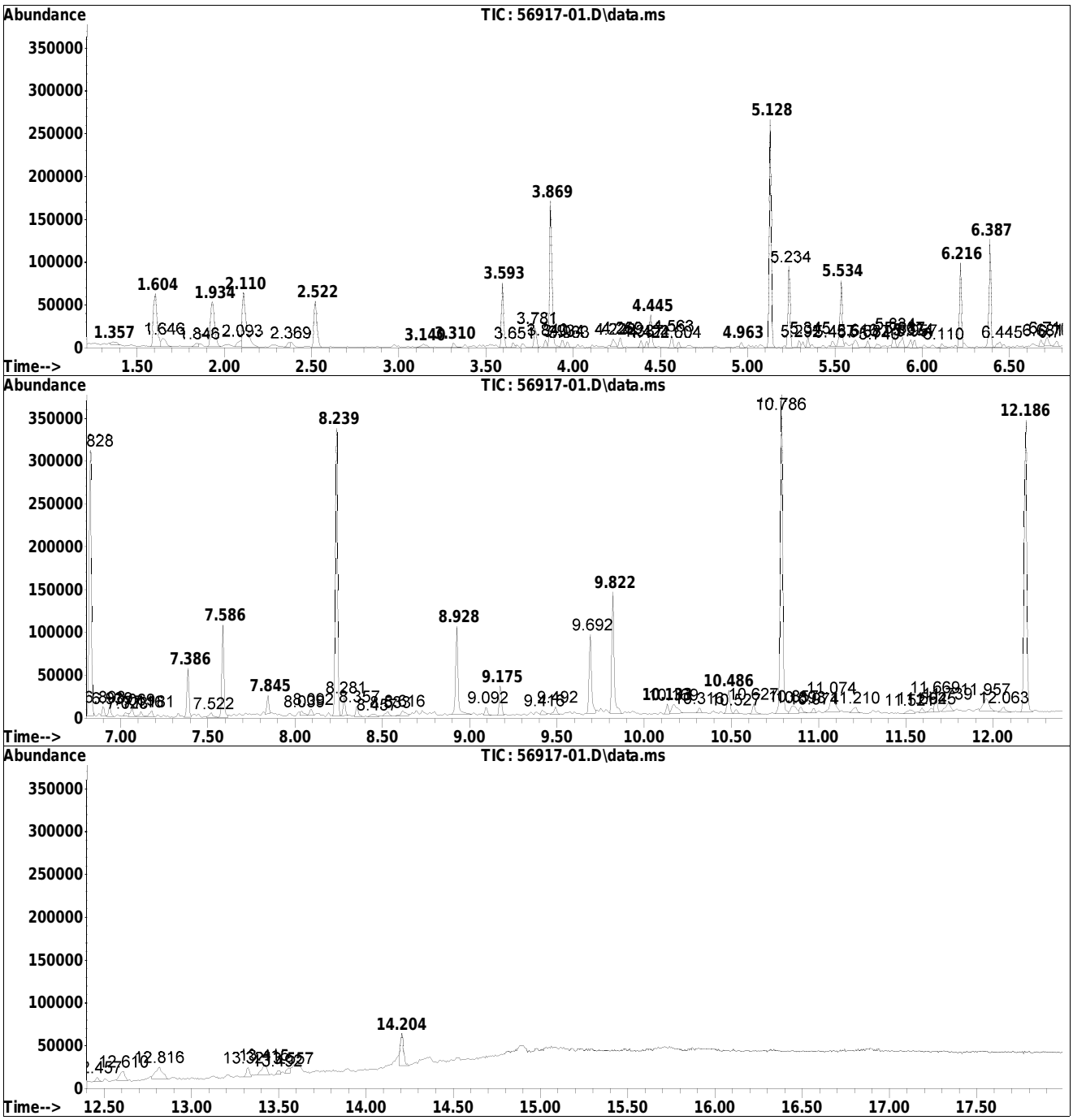
92	12.186	1865	1870	1877	rBV	340461	354057	100.00%	9.341%
93	12.457	1913	1916	1920	rVB4	4694	5413	1.53%	0.143%
94	12.610	1935	1942	1946	rVB4	9839	20704	5.85%	0.546%
95	12.816	1969	1977	1985	rVB5	13352	38511	10.88%	1.016%
96	13.321	2059	2063	2066	rBV4	10564	13678	3.86%	0.361%
97	13.415	2072	2079	2084	rVB4	11124	23326	6.59%	0.615%
98	13.492	2090	2092	2095	rBV4	4365	5753	1.62%	0.152%
99	13.557	2099	2103	2104	rBV4	5853	8470	2.39%	0.223%
100	14.204	2210	2213	2220	rVB	37672	48311	13.64%	1.275%

Sum of corrected areas: 3790509

Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

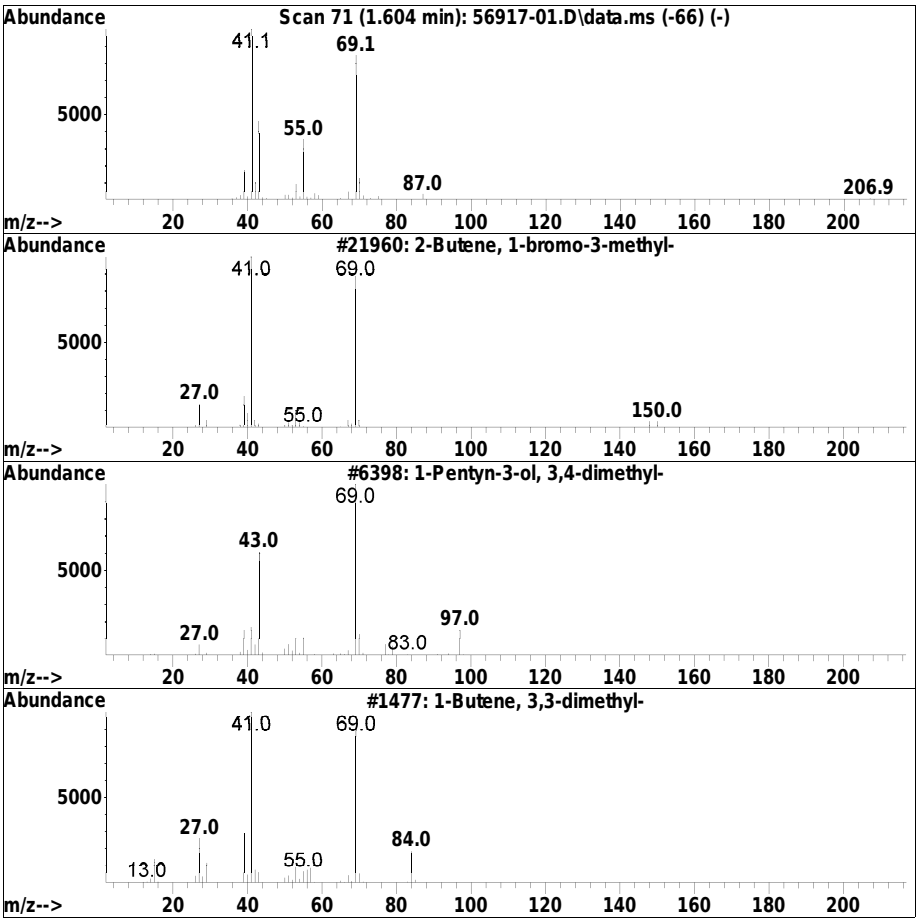
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

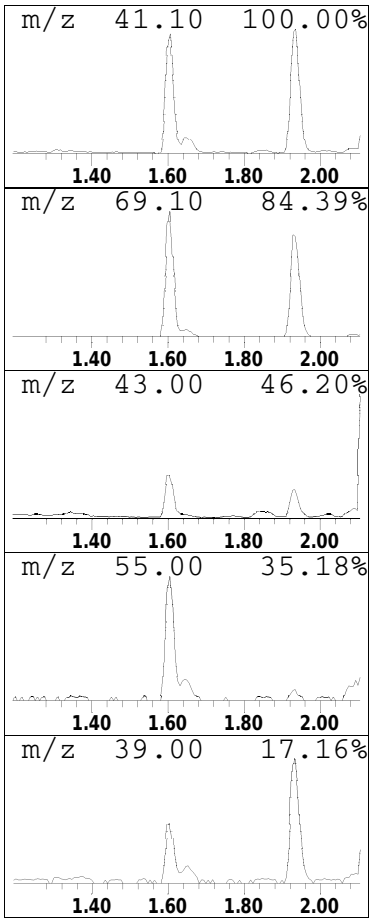
****

Peak Number 1 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.604	2.24 ug/ml	91488	IS2_1,4-Dichlorobenzene-d4	3.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	50
2	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	45
3	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	43
4	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	40
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	39





Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

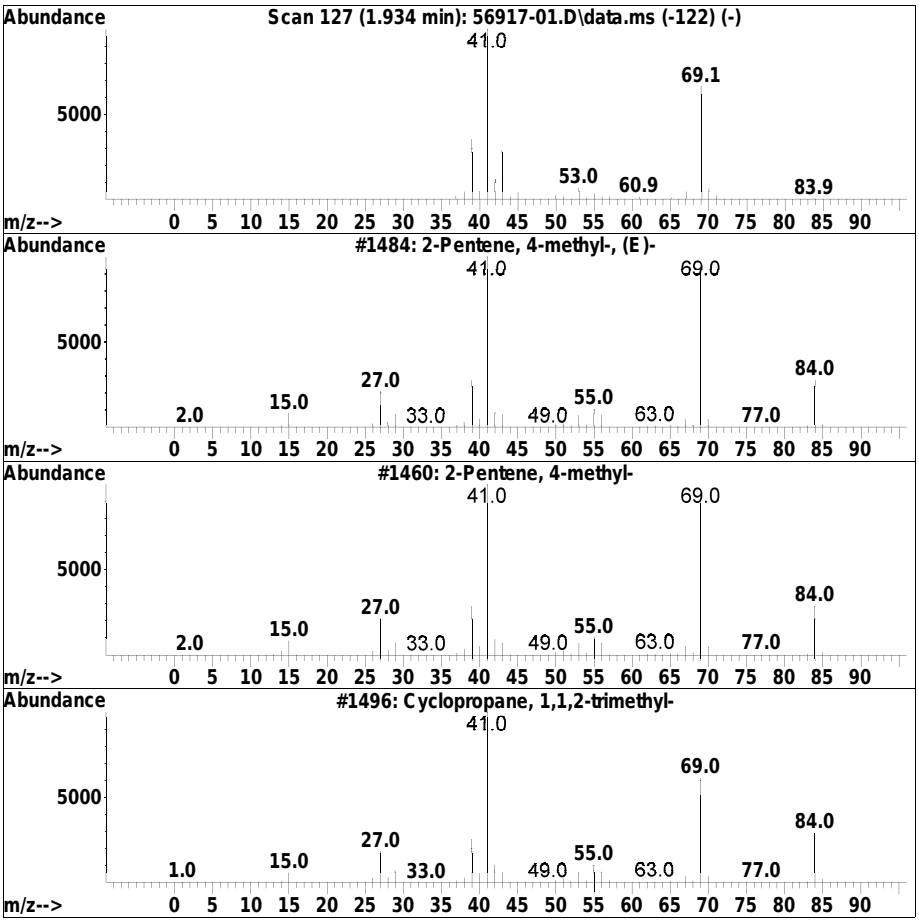
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

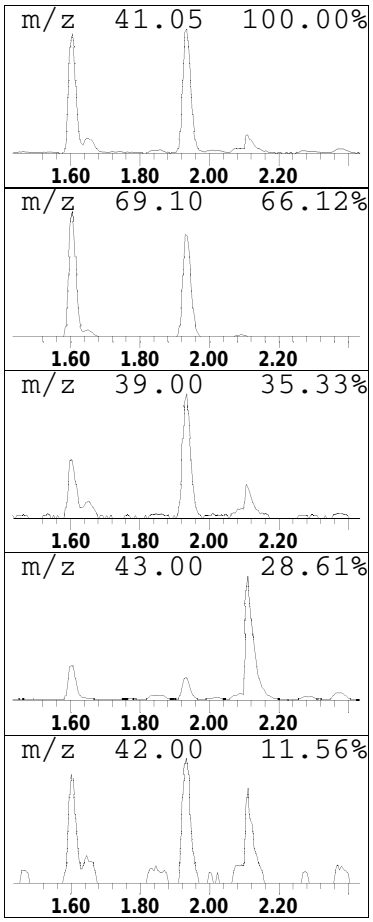
****

Peak Number 2 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.934	2.05 ug/ml	83965	IS2_1,4-Dichlorobenzene-d4	3.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	59
2	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	56
3	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	45
4	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	45
5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	45





Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

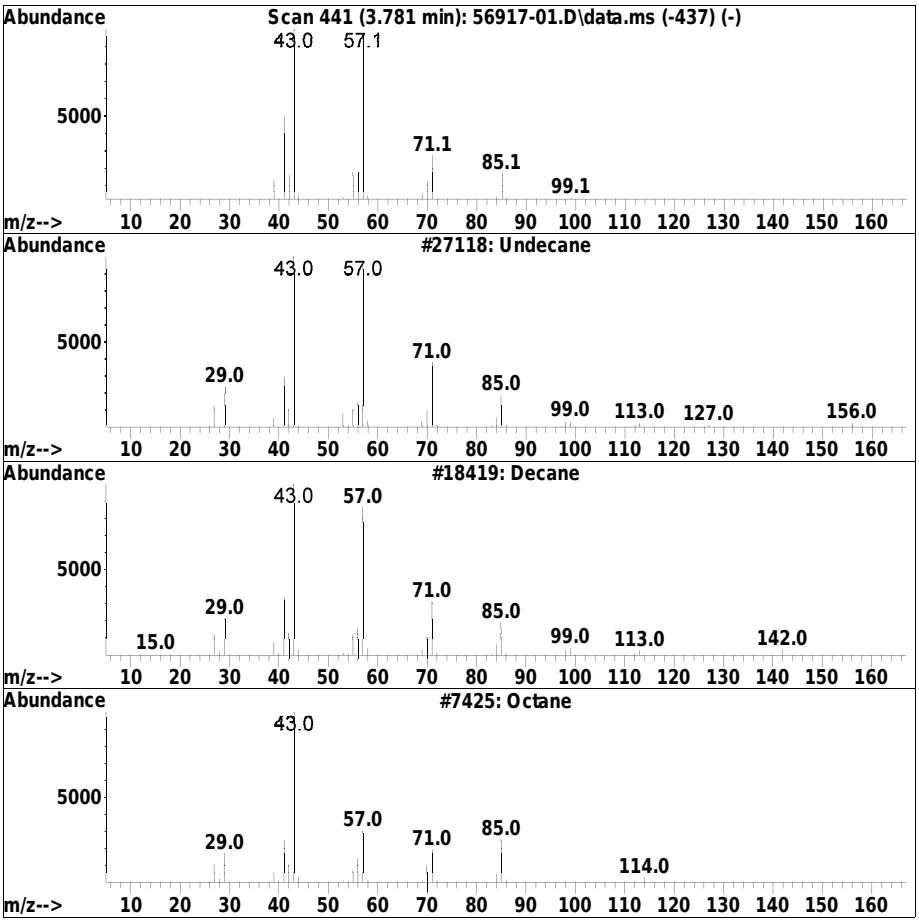
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

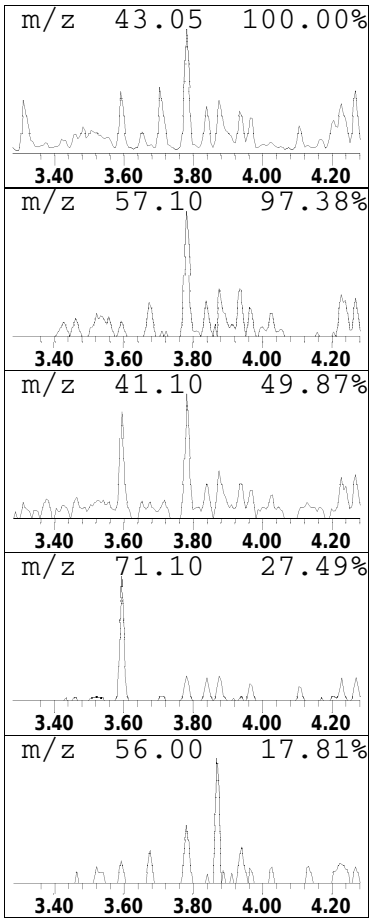
****

Peak Number 4 Unknown Alkane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.781	0.53 ug/ml	21716	IS2_1,4-Dichlorobenzene-d4	3.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	83
2	Decane	142	C10H22	000124-18-5	78
3	Octane	114	C8H18	000111-65-9	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	56





Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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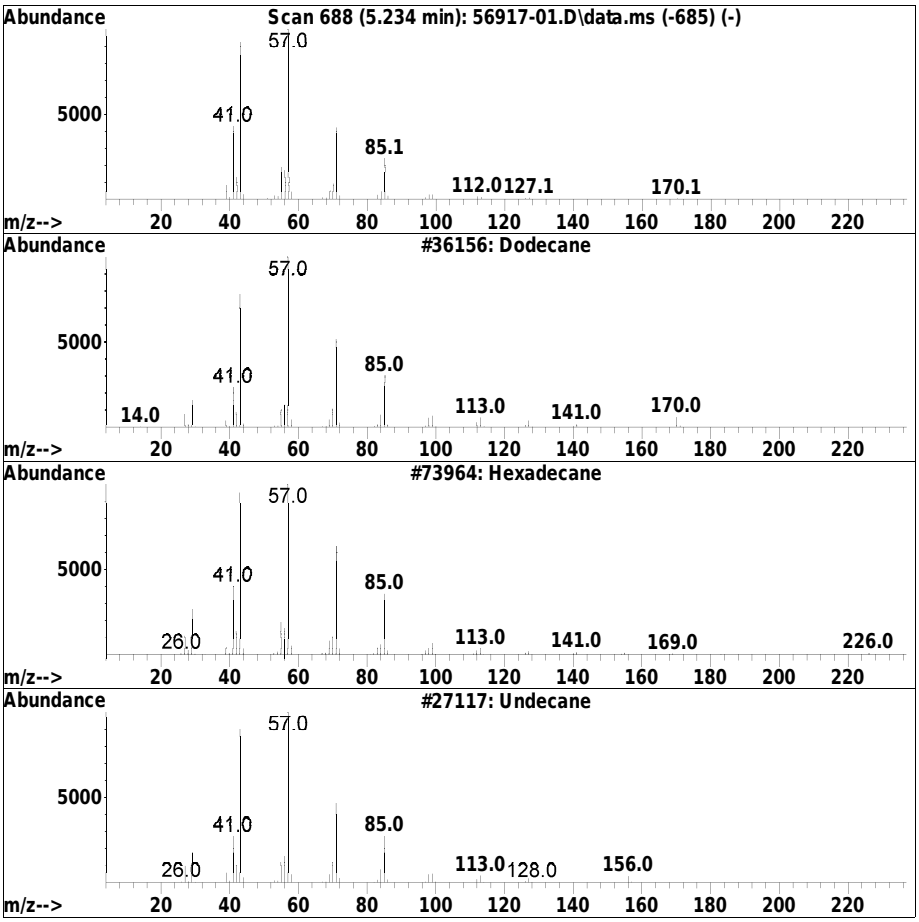
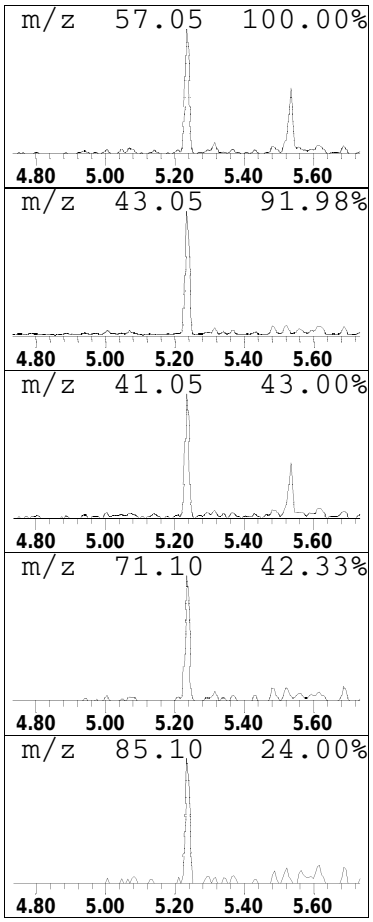
Peak Number 5 Unknown Alkane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.234	1.52 ug/ml	78591	IS2_Naphthalene-d8	5.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	86
2	Hexadecane	226	C16H34	000544-76-3	83
3	Undecane	156	C11H24	001120-21-4	78
4	Tridecane	184	C13H28	000629-50-5	78
5	Undecane	156	C11H24	001120-21-4	78





Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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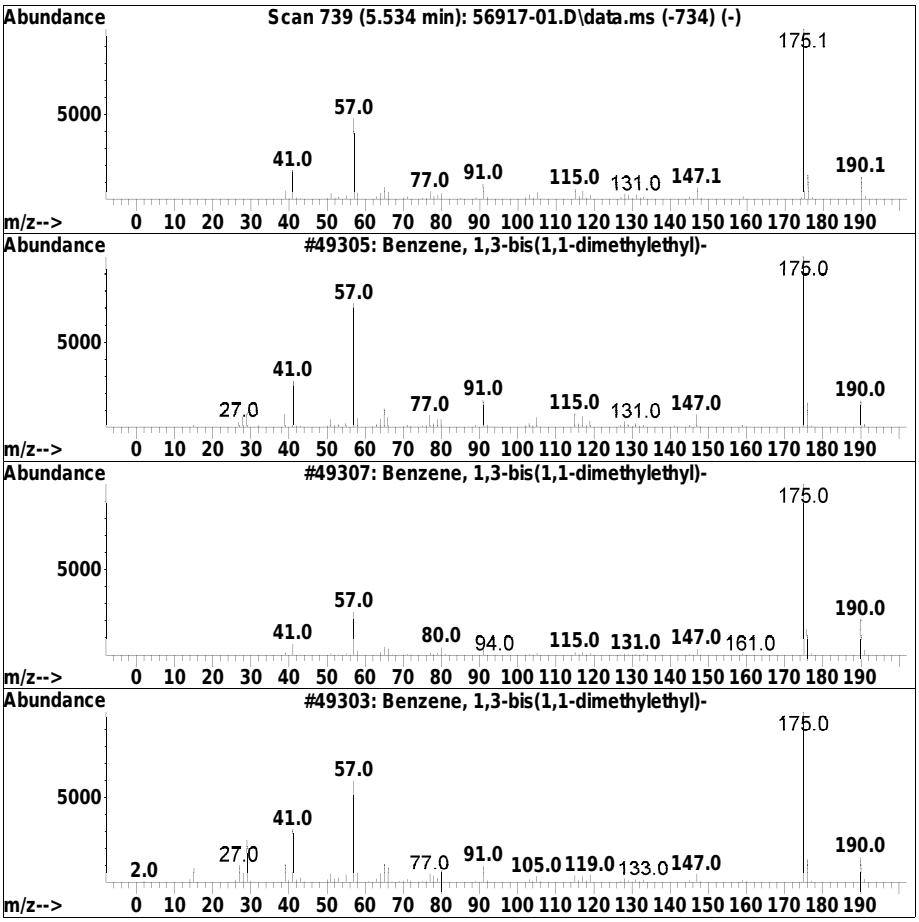
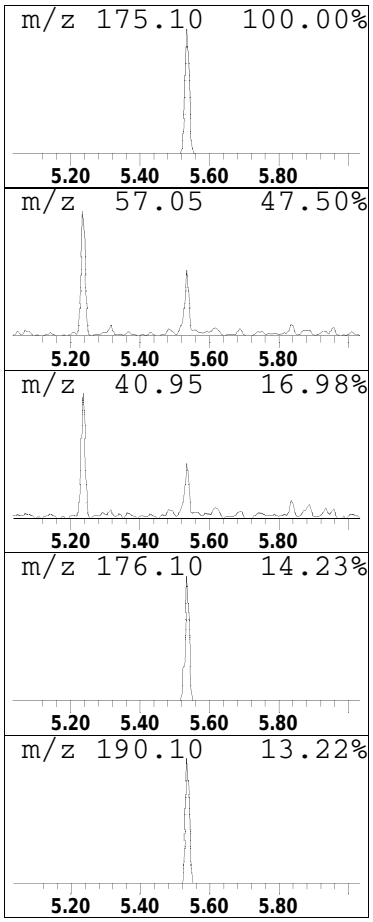
Peak Number 6 Unknown Benzene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.534	1.25 ug/ml	64736	IS2_Naphthalene-d8	5.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	95
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
4	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	86
5	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80





Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

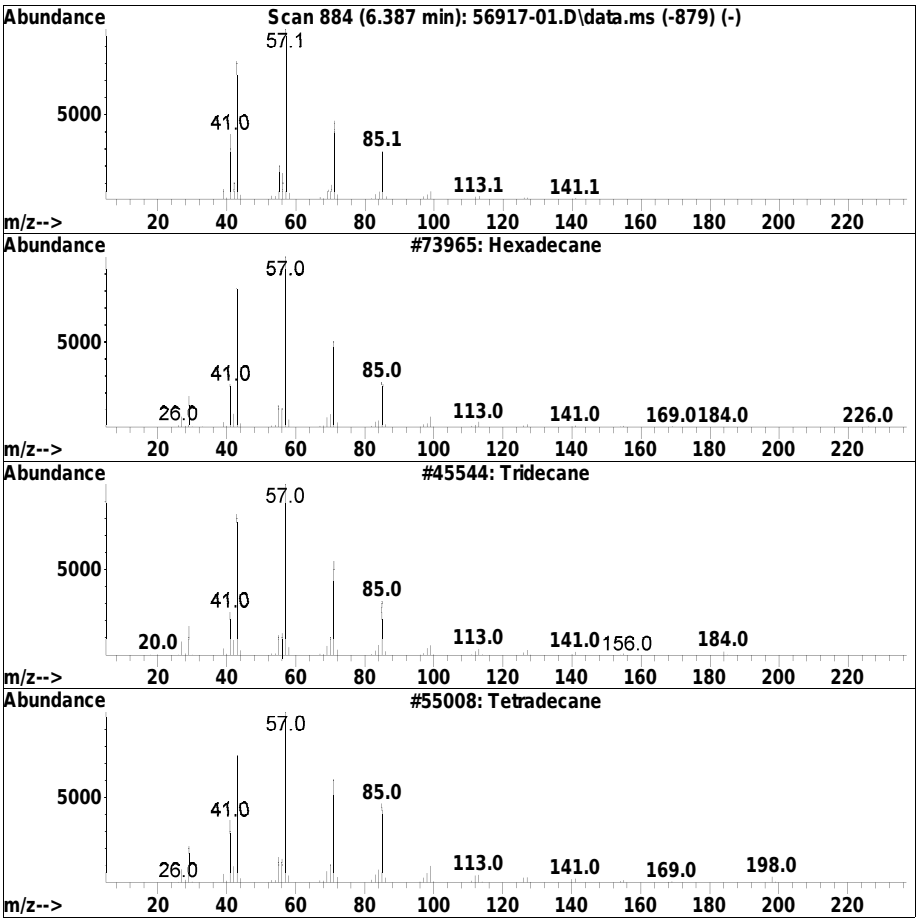
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

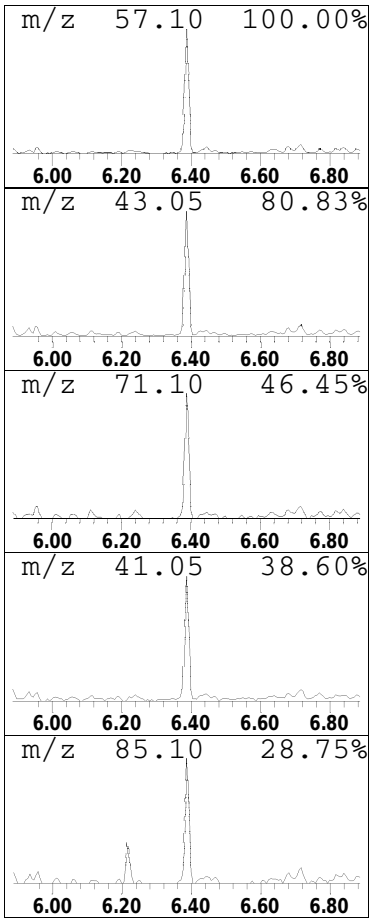
****

Peak Number 7 Unknown Alkane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.387	1.48 ug/ml	97343	IS1_Acenaphthene-d10	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane	184	C13H28	000629-50-5	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Dotriacontane	451	C32H66	000544-85-4	83
5	Hexadecane	226	C16H34	000544-76-3	80





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Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

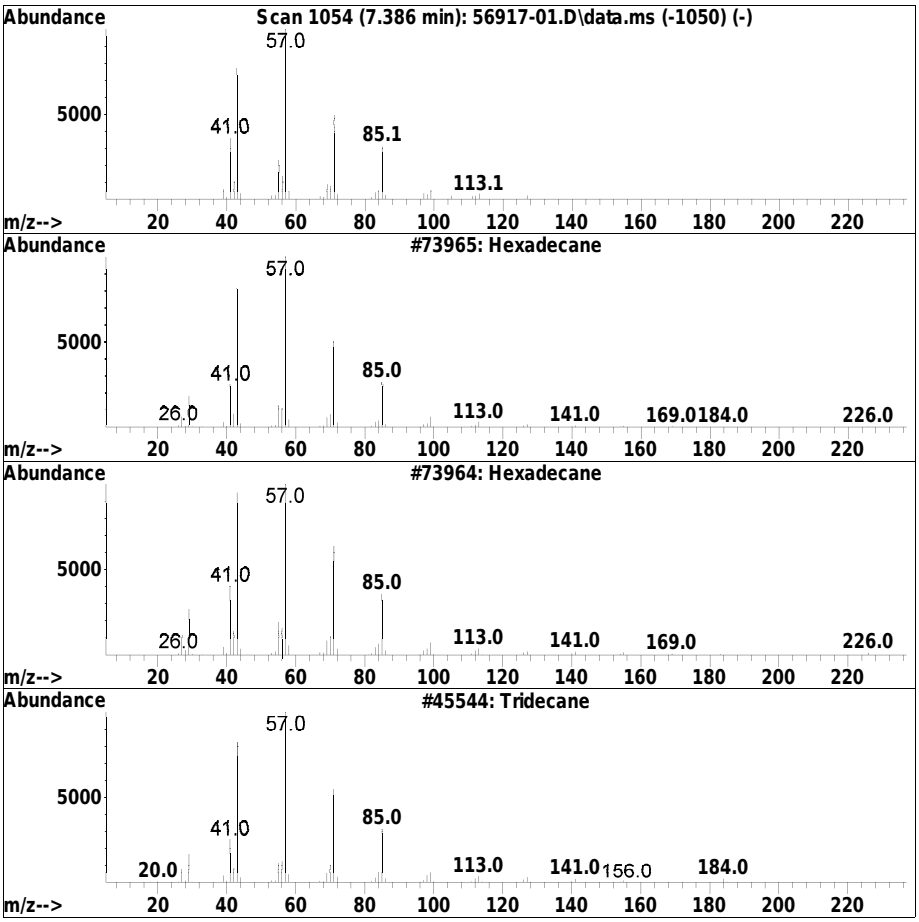
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

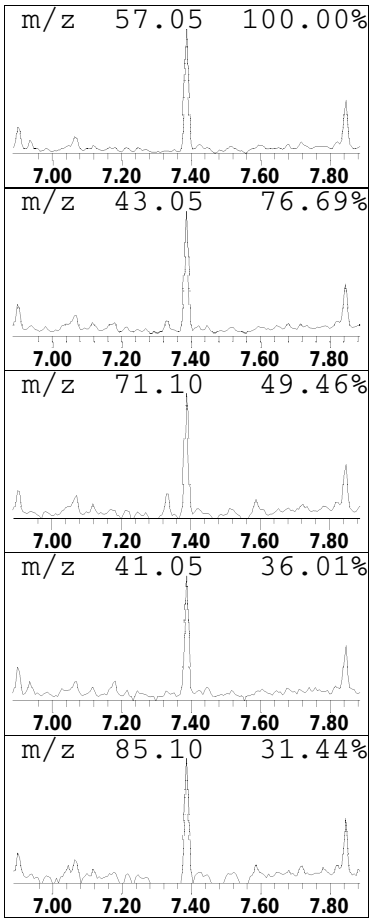
****

Peak Number 8 Unknown Alkane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.386	0.71 ug/ml	46750	IS3_Acenaphthene-d10	6.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : I:\8270\SV124\201227LVI\
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Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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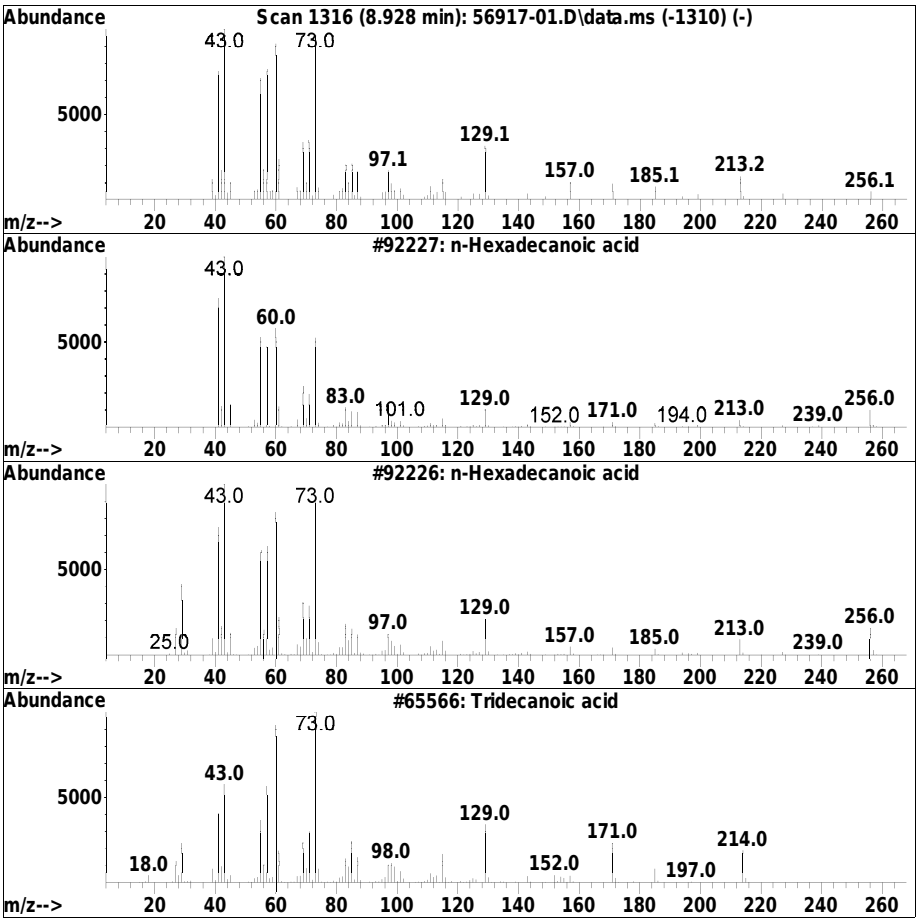
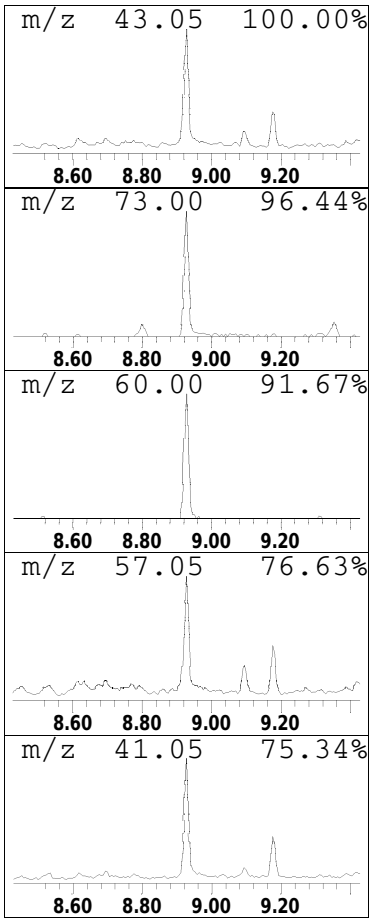
Peak Number 9 Unknown Organic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.928	1.33 ug/ml	99523	IS3_Phenanthrene-d10	8.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

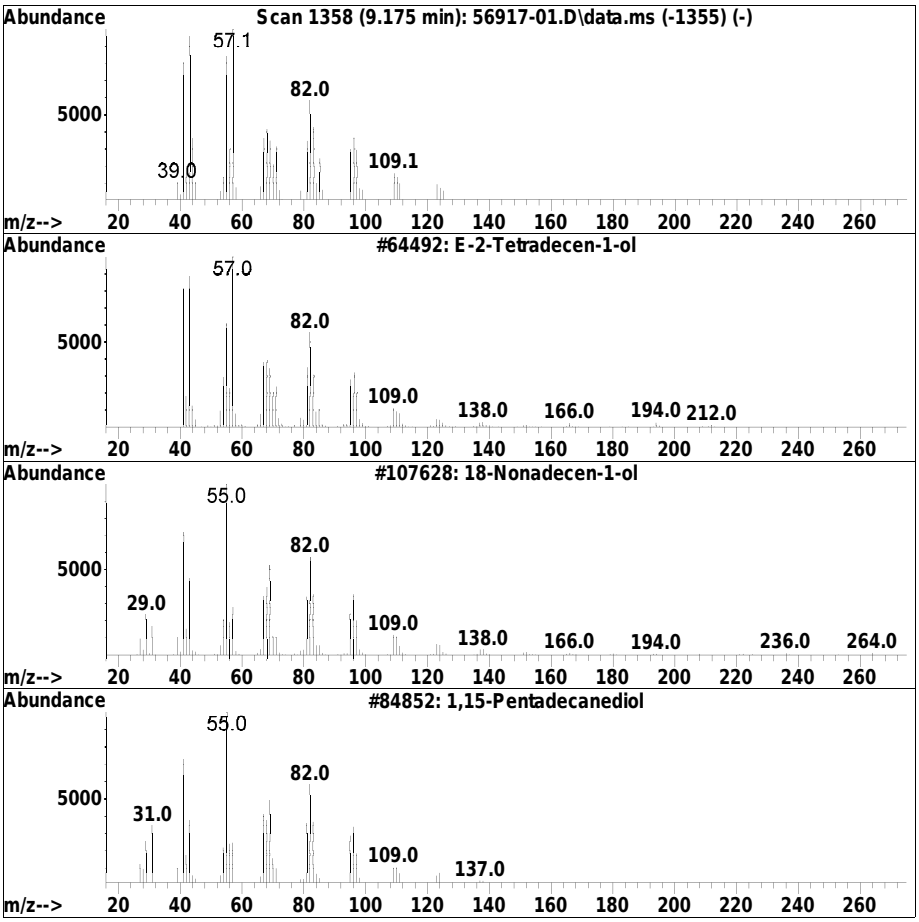
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

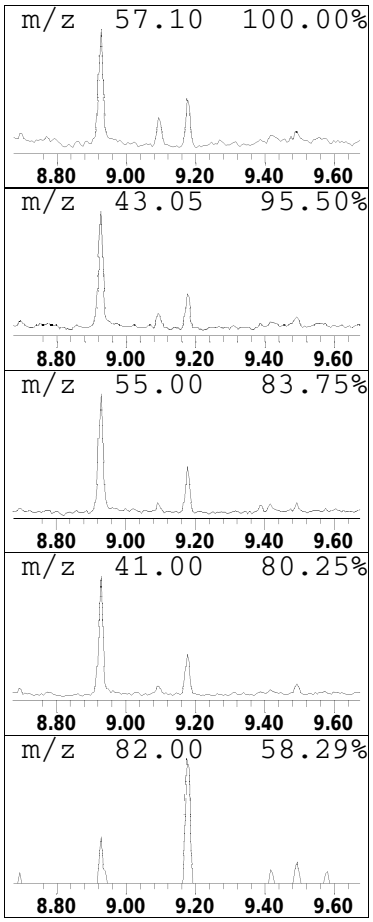
****

Peak Number 10 Unknown Alcohol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	0.42 ug/ml	31591	IS3_Phenanthrene-d10	8.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	87
2	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	87
3	1,15-Pentadecanediol	244	C15H32O2	014722-40-8	83
4	Pentadecanal-	226	C15H30O	002765-11-9	83
5	Oxirane, dodecyl-	212	C14H28O	003234-28-4	80





Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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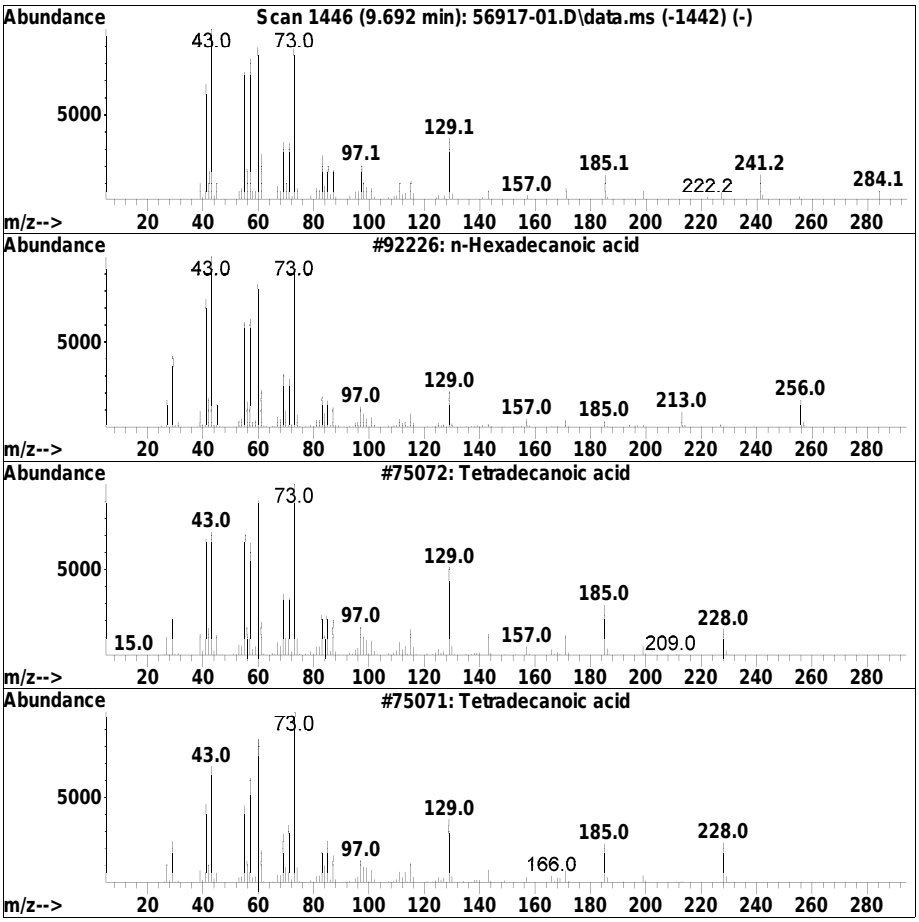
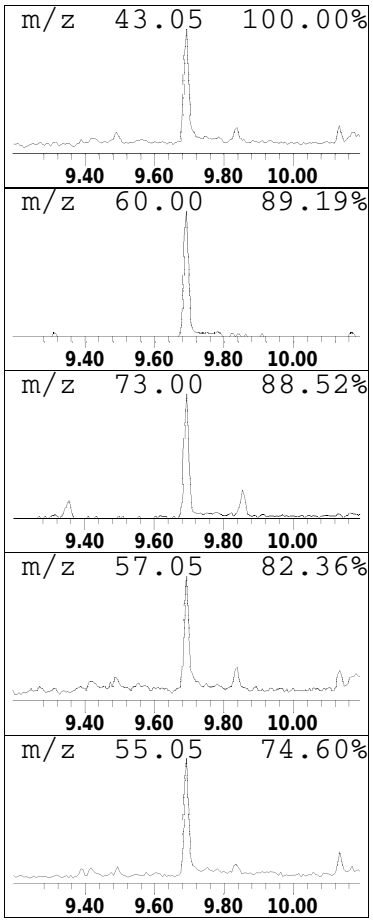
Peak Number 11 Unknown Organic Acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	1.01 ug/ml	87846	IS1_Chrysene-d12	10.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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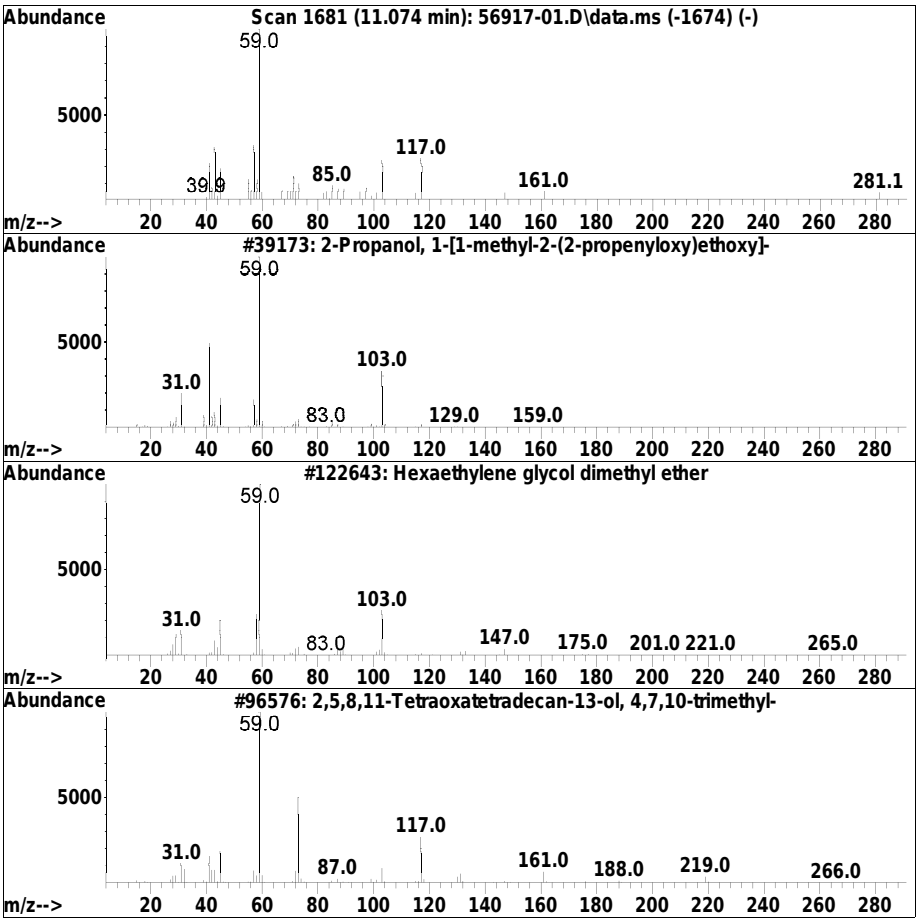
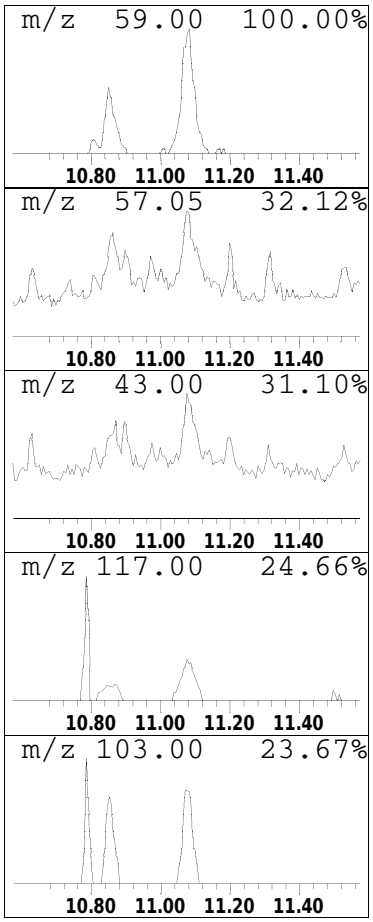
Peak Number 12 Unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.075	0.41 ug/ml	35621	IS1_Chrysene-d12	10.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	50
2	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	42
3	2,5,8,11-Tetraoxatetradecan-13-o...	264	C13H28O5	020324-34-9	42
4	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	40
5	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	40





Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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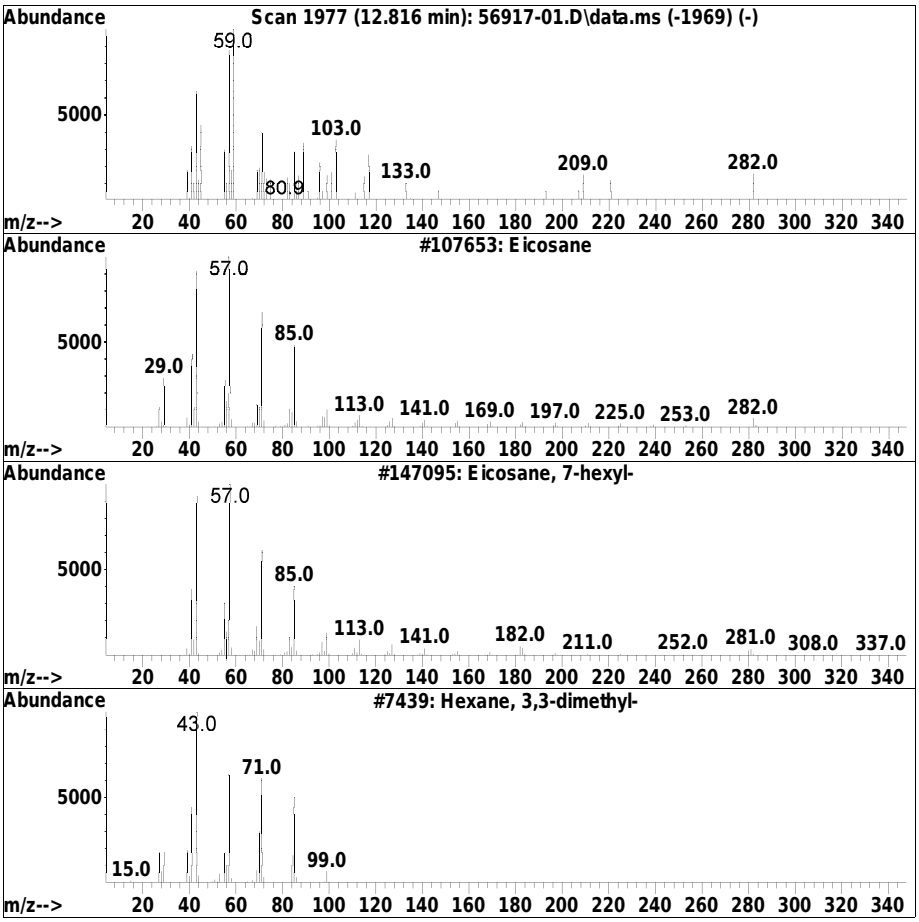
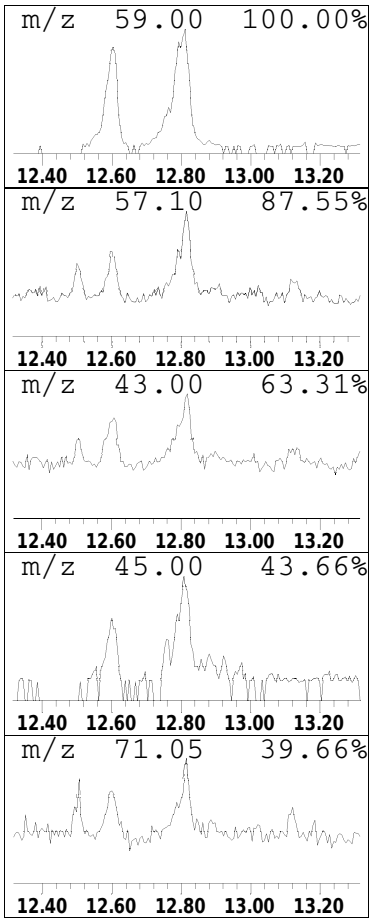
Peak Number 13 Unknown Alkane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.816	0.44 ug/ml	38511	IS1_Perylene-d12	12.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	11
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	10
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	10
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	10
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	10





Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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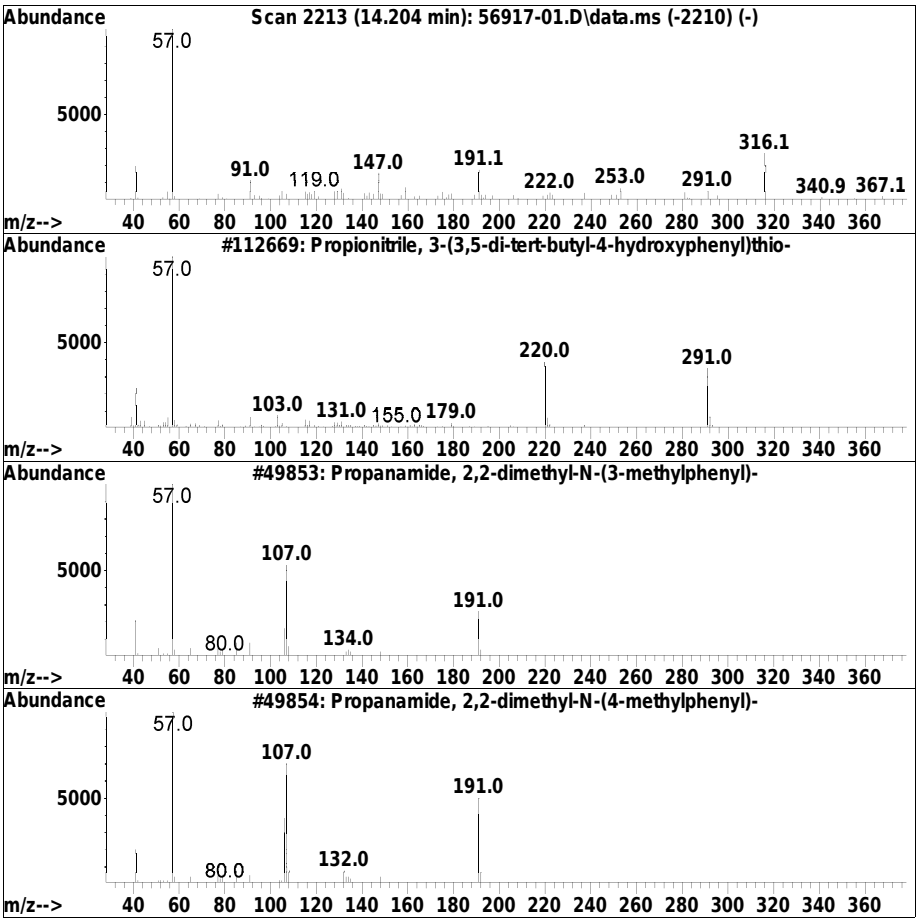
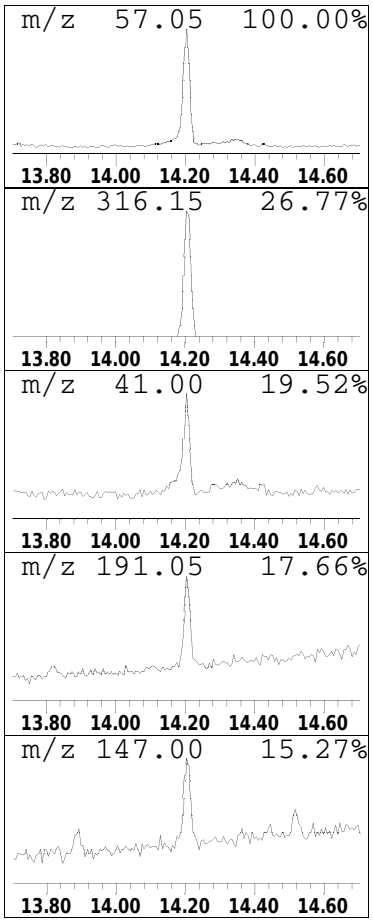
Peak Number 14 Unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.204	0.55 ug/ml	48311	IS1_Perylene-d12	12.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propionitrile, 3-(3,5-di-tert-bu...	291	C17H25NOS	1000295-21-7	12
2	Propanamide, 2,2-dimethyl-N-(3-m...	191	C12H17NO	032597-29-8	9
3	Propanamide, 2,2-dimethyl-N-(4-m...	191	C12H17NO	021354-40-5	4
4	Piperazine, 1-methyl-4-nitroso-	129	C5H11N3O	016339-07-4	3
5	3-Butoxypropylamine	131	C7H17NO	016499-88-0	3





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV124\201227LVI\
Data File : 56917-01.D
Acq On : 27 Dec 2020 1:08 pm
Operator : SV124:jg
Sample : L2056917-01,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 23 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.604	2.2	ug/ml	91488	1	3.869	163720	4.0
Unknown	1.934	2.1	ug/ml	83965	1	3.869	163720	4.0
Unknown Alkane	3.781	0.5	ug/ml	21716	1	3.869	163720	4.0
Unknown Alkane	5.234	1.5	ug/ml	78591	5	5.128	206933	4.0
Unknown Benzene	5.534	1.3	ug/ml	64736	5	5.128	206933	4.0
Unknown Alkane	6.387	1.5	ug/ml	97343	6	6.828	263383	4.0
Unknown Alkane	7.386	0.7	ug/ml	46750	8	6.828	263383	4.0
Unknown Organic...	8.928	1.3	ug/ml	99523	11	8.239	299140	4.0
Unknown Alcohol	9.175	0.4	ug/ml	31591	11	8.239	299140	4.0
Unknown Organic...	9.692	1.0	ug/ml	87846	12	10.786	348145	4.0
Unknown	11.075	0.4	ug/ml	35621	12	10.786	348145	4.0
Unknown Alkane	12.816	0.4	ug/ml	38511	13	12.186	354057	4.0
Unknown	14.204	0.5	ug/ml	48311	13	12.186	354057	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 29 19:30:17 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:48:15 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.846	150	36043	4.000	ug/ml	0.00
Standard Area 1 = 40257			Recovery = 89.53%			
27) IS2_1,4-Dichlorobenzen...	3.846	150	36043	4.000	ug/ml	0.00
Standard Area 3 = 36729			Recovery = 98.13%			
34) IS1_Naphthalene-d8	5.104	136	89393	4.000	ug/ml	0.00
Standard Area 1 = 95766			Recovery = 93.35%			
54) IS2_Naphthalene-d8	5.104	136	89393	4.000	ug/ml	0.00
Standard Area 3 = 91344			Recovery = 97.86%			
62) IS1_Acenaphthene-d10	6.804	164	49653	4.000	ug/ml	0.00
Standard Area 1 = 52020			Recovery = 95.45%			
85) IS3_Acenaphthene-d10	6.804	164	49653	4.000	ug/ml	0.00
Standard Area 2 = 50610			Recovery = 98.11%			
87) IS1_Phenanthrene-d10	8.210	188	100257	4.000	ug/ml	0.00
Standard Area 1 = 106942			Recovery = 93.75%			
103) IS1_Chrysene-d12	10.763	240	98312	4.000	ug/ml	0.00
Standard Area 1 = 106272			Recovery = 92.51%			
112) IS1_Perylene-d12	12.157	264	99884	4.000	ug/ml	0.00
Standard Area 1 = 105931			Recovery = 94.29%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.499	112	8794	1.558	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 31.16%			
7) Phenol-d6	3.569	99	15060	2.035	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 40.70%			
19) Nitrobenzene-d5	4.422	82	8915	1.337	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 53.48%			
45) 2-Fluorobiphenyl	6.193	172	23306	1.283	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 51.32%			
78) 2,4,6-Tribromophenol	7.563	330	3209	1.091	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 21.82%			
95) 4-Terphenyl-d14	9.798	244	38993	1.709	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 68.36%			
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 29 19:30:17 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:48:15 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0		N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0		N.D.	
20) Nitrobenzene	0.000		0		N.D.	
21) Isophorone	0.000		0		N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0		N.D.	
28) Benzaldehyde	0.000		0		N.D.	
29) Acetophenone	0.000		0		N.D.	
35) Naphthalene	0.000		0		N.D.	
37) 4-Chloroaniline	0.000		0		N.D.	
40) 2-Methylnaphthalene	0.000		0		N.D.	
42) Hexachlorocyclopentadiene	0.000		0		N.D.	
46) 2-Chloronaphthalene	0.000		0		N.D.	
47) 2-Nitroaniline	0.000		0		N.D.	
50) Dimethyl phthalate	0.000		0		N.D.	
51) Acenaphthylene	0.000		0		N.D.	
52) 2,6-Dinitrotoluene	0.000		0		N.D.	
59) Caprolactam	0.000		0		N.D.	d
60) 1,2,4,5-Tetrachloroben...	0.000		0		N.D.	
61) Biphenyl	0.000		0		N.D.	
63) 3-Nitroaniline	0.000		0		N.D.	
64) Acenaphthene	0.000		0		N.D.	
66) Dibenzofuran	0.000		0		N.D.	
67) 2,4-Dinitrotoluene	0.000		0		N.D.	
71) Diethyl phthalate	0.000		0		N.D.	
72) Fluorene	0.000		0		N.D.	
73) 4-Chlorophenyl phenyl ...	0.000		0		N.D.	
74) 4-Nitroaniline	0.000		0		N.D.	
76) NDPA/DPA	0.000		0		N.D.	
79) 4-Bromophenyl phenyl e...	0.000		0		N.D.	
86) Atrazine	0.000		0		N.D.	
88) Phenanthrene	0.000		0		N.D.	
89) Anthracene	0.000		0		N.D.	
90) Carbazole	0.000		0		N.D.	
91) Di-n-butylphthalate	0.000		0		N.D.	
92) Fluoranthene	0.000		0		N.D.	
94) Pyrene	0.000		0		N.D.	
96) Butyl benzyl phthalate	0.000		0		N.D.	

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 29 19:30:17 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:48:15 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0		N.D.	
106) Chrysene	0.000		0		N.D.	
107) Bis(2-ethylhexyl)phtha...	0.000		0		N.D.	d
108) Di-n-octylphthalate	0.000		0		N.D.	d
115) Benzo(ghi)perylene	0.000		0		N.D.	

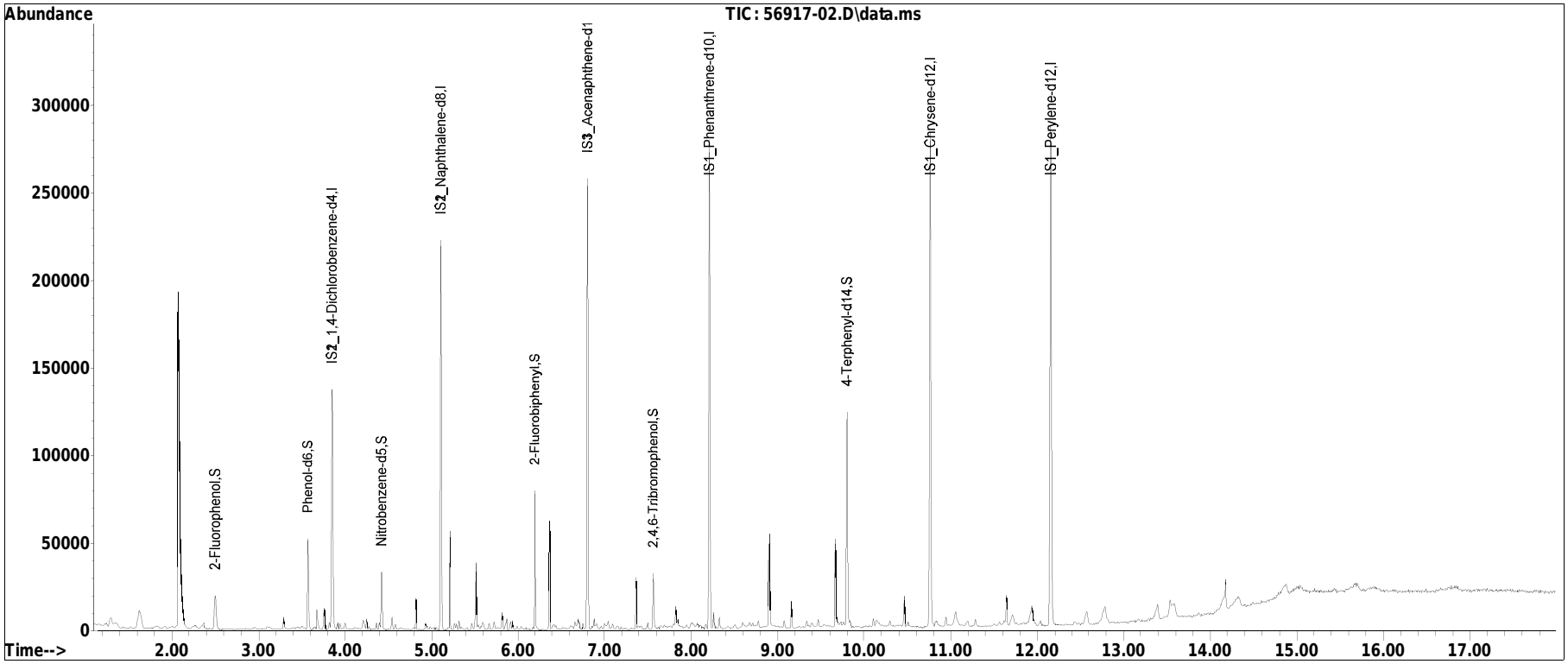
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 29 19:30:17 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:48:15 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional91227n.D•



Manual Integration Report

Data Path	: I:\8270\SV124\201227naLVI\	QMethod	: FS201203SV124.m
Data File	: 56917-02.D	Operator	: SV124:jg
Date Inj'd	: 12/28/2020 3:21 am	Instrument	: SV124
Sample	: L2056917-02,32,,JRW,	Quant Date	: 12/28/2020 9:48 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 56917-02.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.299	30	36	40	rBV4	4970	9934	2.87%	0.359%
2	1.622	84	91	101	rVB4	10253	28304	8.17%	1.023%
3	2.069	164	167	187	rVB	192315	346343	100.00%	12.517%
4	2.363	209	217	223	rVB2	3132	6855	1.98%	0.248%
5	2.499	235	240	248	rVB	19309	28792	8.31%	1.041%
6	3.287	371	374	381	rBV	6760	7625	2.20%	0.276%
7	3.569	419	422	429	rVB	51938	44426	12.83%	1.606%
8	3.681	438	441	451	rVB	10695	12178	3.52%	0.440%
9	3.757	451	454	458	rVB	11698	12876	3.72%	0.465%
10	3.816	460	464	466	rBV	3976	3567	1.03%	0.129%
11	3.846	466	469	476	rVV	136732	141792	40.94%	5.124%
12	3.916	478	481	483	rBV	3793	3535	1.02%	0.128%
13	4.004	492	496	504	rVB	3514	4087	1.18%	0.148%
14	4.204	526	530	535	rBV	4728	6370	1.84%	0.230%
15	4.246	535	537	541	rVB	5544	4835	1.40%	0.175%
16	4.399	560	563	565	rVV2	4018	3557	1.03%	0.129%
17	4.422	565	567	574	rVB	32789	26077	7.53%	0.942%
18	4.546	584	588	591	rBV	6938	5956	1.72%	0.215%
19	4.822	633	635	640	rVB	17902	12153	3.51%	0.439%
20	5.104	680	683	687	rBV	222719	181309	52.35%	6.552%
21	5.216	699	702	705	rVB	55785	43716	12.62%	1.580%
22	5.322	718	720	723	rBV2	5068	3732	1.08%	0.135%
23	5.463	741	744	748	rBV	3726	3838	1.11%	0.139%
24	5.516	748	753	755	rBV	38021	36683	10.59%	1.326%
25	5.593	764	766	771	rVB2	4056	5194	1.50%	0.188%
26	5.663	775	778	783	rVB	3428	3529	1.02%	0.128%
27	5.722	783	788	791	rBV3	4516	5054	1.46%	0.183%
28	5.816	801	804	808	rVV2	9459	8574	2.48%	0.310%

LSC Area Percent Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

29	5.863	808	812	815	rVB2	5709	7508	2.17%	0.271%
30	5.910	815	820	822	rBV2	4481	4112	1.19%	0.149%
31	5.934	822	824	829	rVB	5240	3764	1.09%	0.136%
32	6.193	866	868	872	rBV	78795	66208	19.12%	2.393%
33	6.363	894	897	901	rVB	61825	52407	15.13%	1.894%
34	6.422	901	907	909	rBV3	2791	4719	1.36%	0.171%
35	6.657	945	947	950	rVV	3697	4218	1.22%	0.152%
36	6.692	950	953	960	rVB4	5302	8043	2.32%	0.291%
37	6.804	968	972	975	rBV	256671	219703	63.44%	7.940%
38	6.881	982	985	987	rBV	5275	4442	1.28%	0.161%
39	6.916	987	991	996	rVB2	3181	5059	1.46%	0.183%
40	7.045	1010	1013	1016	rVV	4604	5146	1.49%	0.186%
41	7.145	1026	1030	1036	rVB3	2000	3506	1.01%	0.127%
42	7.363	1064	1067	1070	rBV	29386	23968	6.92%	0.866%
43	7.498	1085	1090	1094	rVB2	3561	4195	1.21%	0.152%
44	7.563	1096	1101	1107	rBV2	31994	27064	7.81%	0.978%
45	7.822	1142	1145	1147	rBV	10897	8762	2.53%	0.317%
46	8.210	1208	1211	1215	rBV	279409	245643	70.92%	8.877%
47	8.257	1215	1219	1223	rVB	8732	8037	2.32%	0.290%
48	8.334	1228	1232	1234	rBV2	6559	5491	1.59%	0.198%
49	8.510	1257	1262	1266	rVB3	2472	4154	1.20%	0.150%
50	8.592	1266	1276	1278	rBV3	3633	5772	1.67%	0.209%
51	8.781	1305	1308	1311	rVB	3923	3848	1.11%	0.139%
52	8.904	1325	1329	1332	rBV	52559	44385	12.82%	1.604%
53	9.075	1354	1358	1364	rVB2	4298	4981	1.44%	0.180%
54	9.157	1369	1372	1375	rBV	15237	13609	3.93%	0.492%
55	9.334	1397	1402	1404	rBV	3838	4508	1.30%	0.163%
56	9.404	1410	1414	1417	rBV3	2199	3571	1.03%	0.129%
57	9.469	1422	1425	1428	rVB2	4069	3597	1.04%	0.130%
58	9.669	1455	1459	1465	rBV	49731	47673	13.76%	1.723%
59	9.798	1477	1481	1485	rBV	121694	109035	31.48%	3.940%
60	9.833	1485	1487	1491	rVB	3809	4045	1.17%	0.146%

LSC Area Percent Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

61	10.110	1530	1534	1537	rBV	4805	5129	1.48%	0.185%
62	10.151	1537	1541	1549	rVV4	3348	7721	2.23%	0.279%
63	10.463	1589	1594	1597	rVB2	17367	19141	5.53%	0.692%
64	10.763	1640	1645	1652	rVB	282094	279626	80.74%	10.106%
65	10.833	1652	1657	1664	rBV3	3254	7590	2.19%	0.274%
66	10.945	1673	1676	1679	rBV	5163	5013	1.45%	0.181%
67	11.057	1688	1695	1704	rVB2	7722	15887	4.59%	0.574%
68	11.192	1712	1718	1722	rVB4	2926	5156	1.49%	0.186%
69	11.286	1731	1734	1740	rVB2	4097	4782	1.38%	0.173%
70	11.645	1792	1795	1801	rVB2	17302	17687	5.11%	0.639%
71	11.716	1801	1807	1813	rBV3	6054	13673	3.95%	0.494%
72	11.933	1838	1844	1851	rVB2	10078	22261	6.43%	0.805%
73	12.039	1857	1862	1866	rBV4	2621	3984	1.15%	0.144%
74	12.157	1877	1882	1890	rBV	285873	286125	82.61%	10.340%
75	12.580	1947	1954	1960	rVB5	7134	15153	4.38%	0.548%
76	12.786	1976	1989	1993	rBV2	9290	25685	7.42%	0.928%
77	13.392	2084	2092	2097	rVB5	8252	17364	5.01%	0.628%
78	13.533	2111	2116	2119	rBV3	9637	16278	4.70%	0.588%
79	14.174	2213	2225	2232	rBV3	16707	36726	10.60%	1.327%

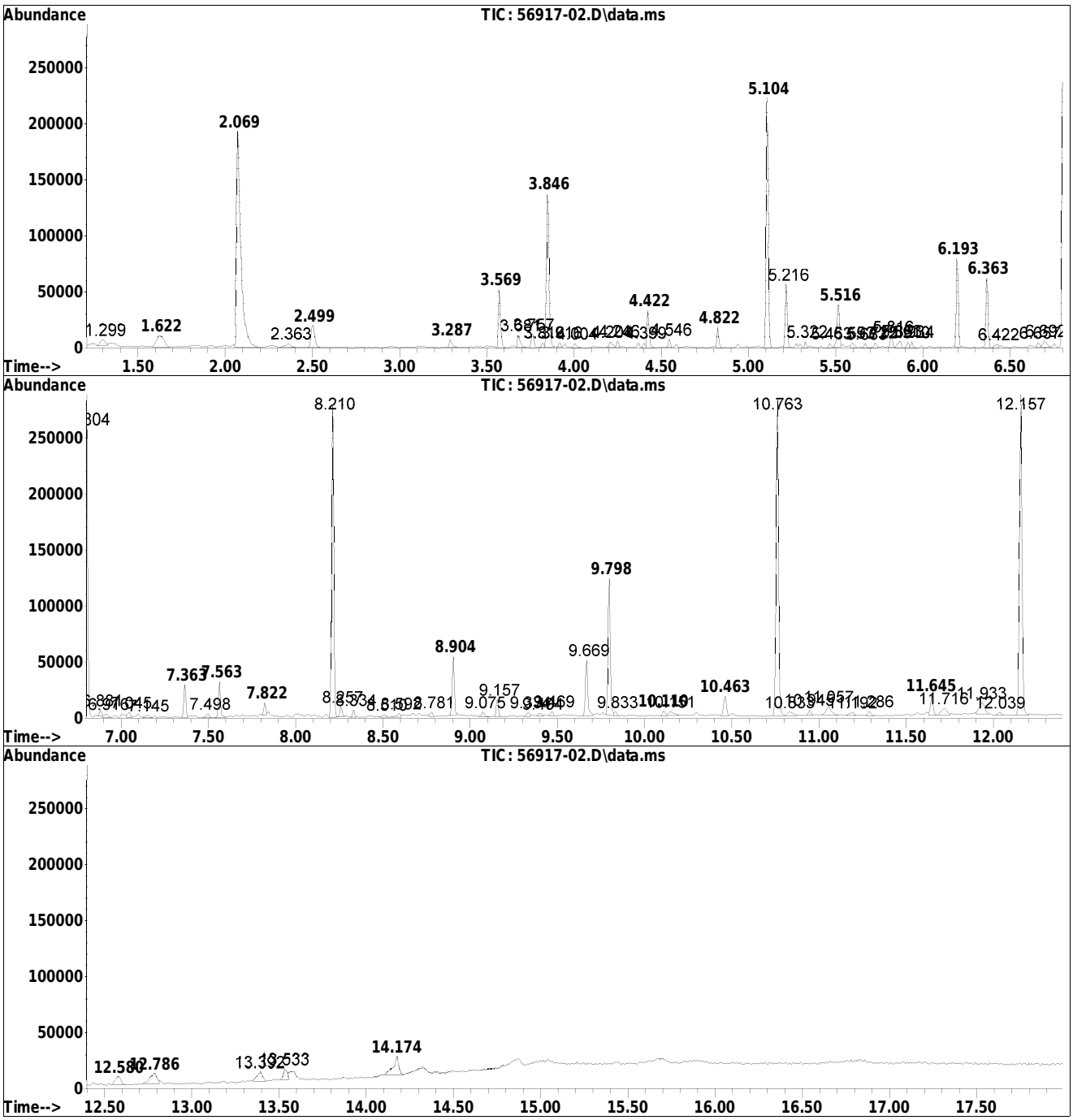
Sum of corrected areas: 2767045

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

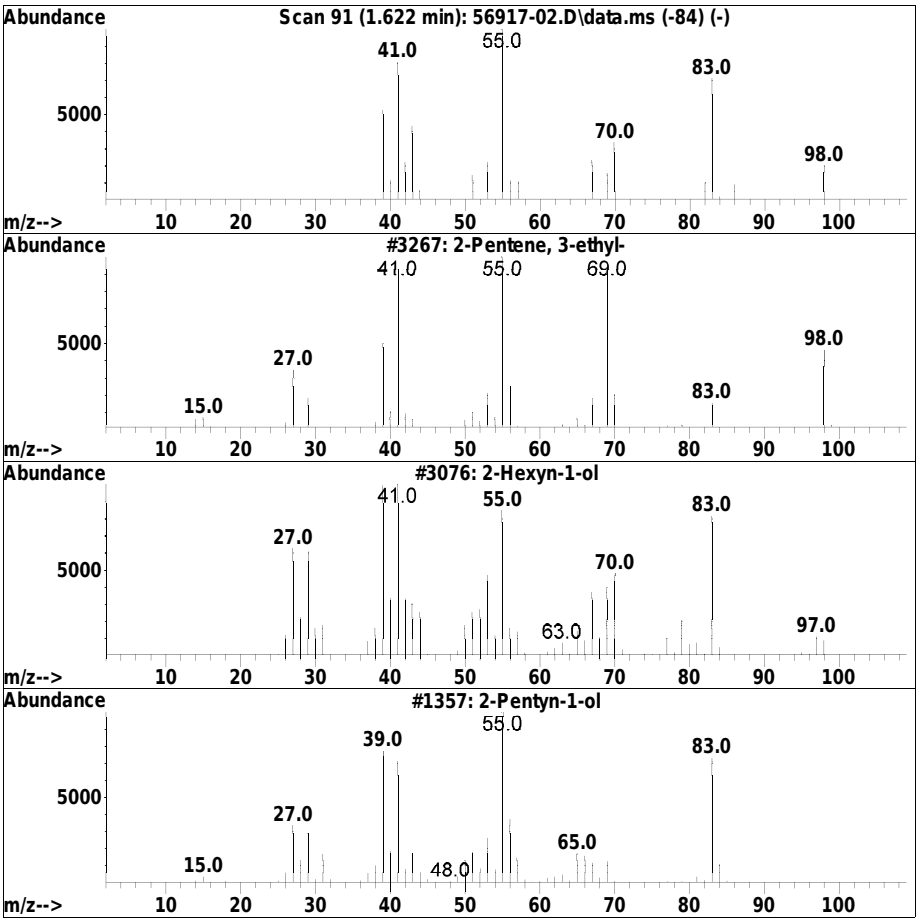
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

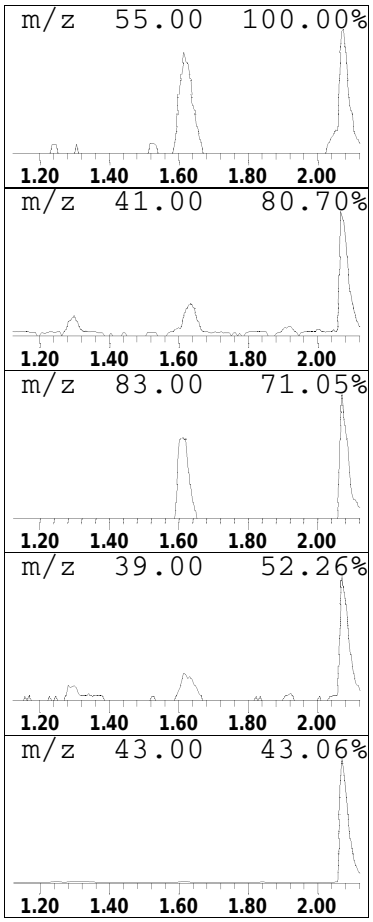
****

Peak Number 1 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.622	0.80 ug/ml	28304	IS2_1,4-Dichlorobenzene-d4	3.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-	98	C7H14	000816-79-5	50
2	2-Hexyn-1-ol	98	C6H10O	000764-60-3	50
3	2-Pentyn-1-ol	84	C5H8O	006261-22-9	47
4	2-Heptene	98	C7H14	000592-77-8	47
5	2-Heptene, (E)-	98	C7H14	014686-13-6	43





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

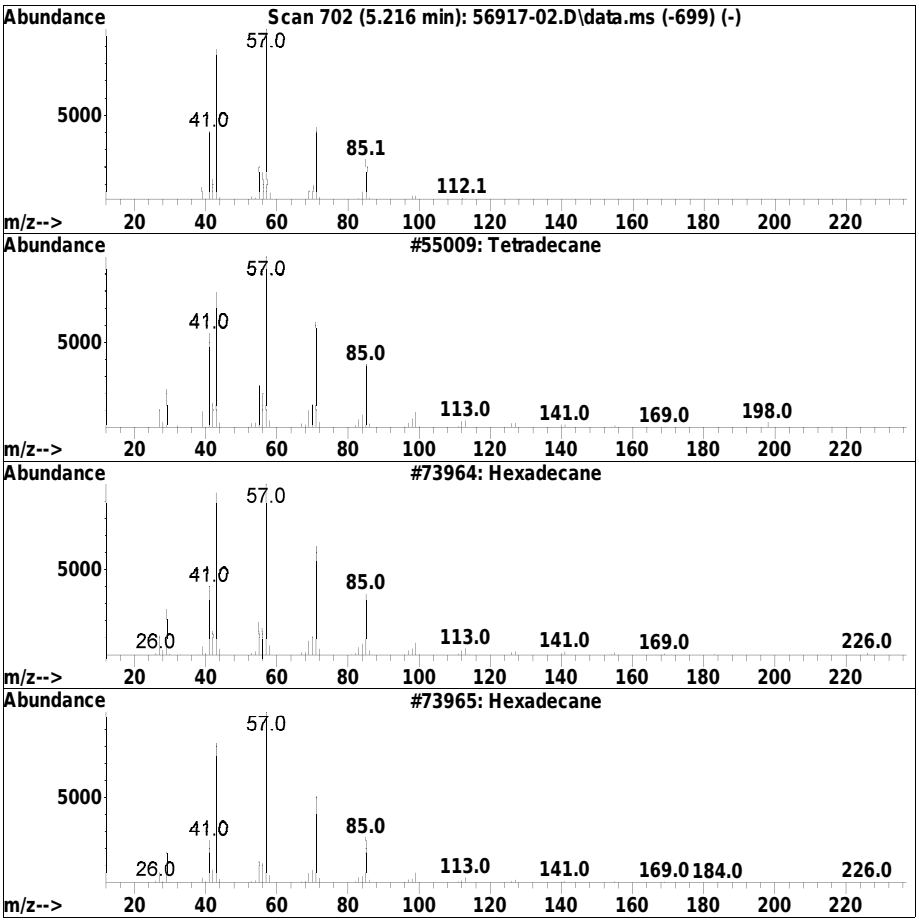
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

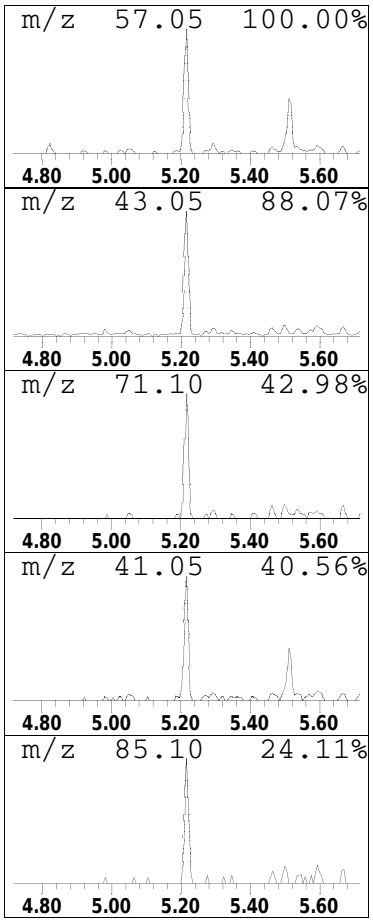
****

Peak Number 3 Unknown Alkane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.216	0.96 ug/ml	43716	IS2_Naphthalene-d8	5.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	83
3	Hexadecane	226	C16H34	000544-76-3	83
4	Undecane	156	C11H24	001120-21-4	78
5	Tridecane	184	C13H28	000629-50-5	78





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

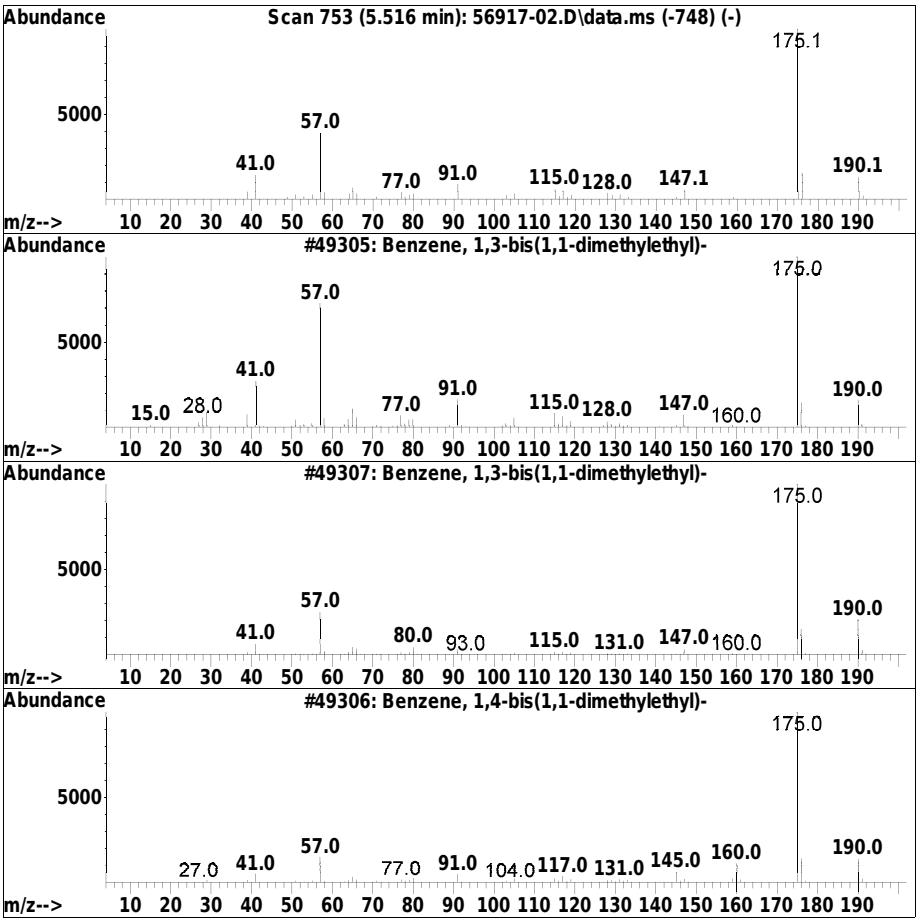
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

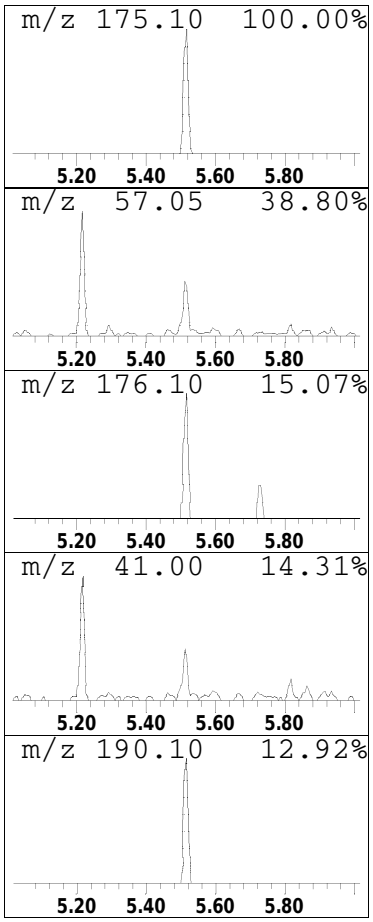
****

Peak Number 4 Unknown Benzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.516	0.81 ug/ml	36683	IS2_Naphthalene-d8	5.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	92
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
3	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	86
4	2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	72
5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	72





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

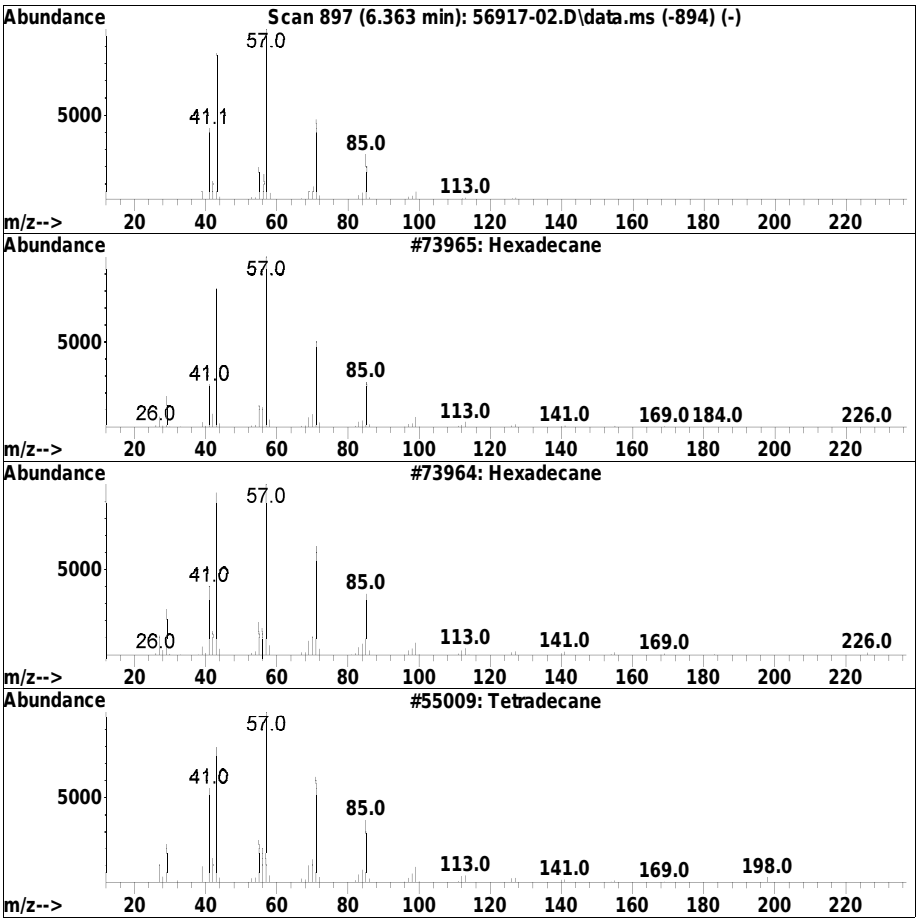
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

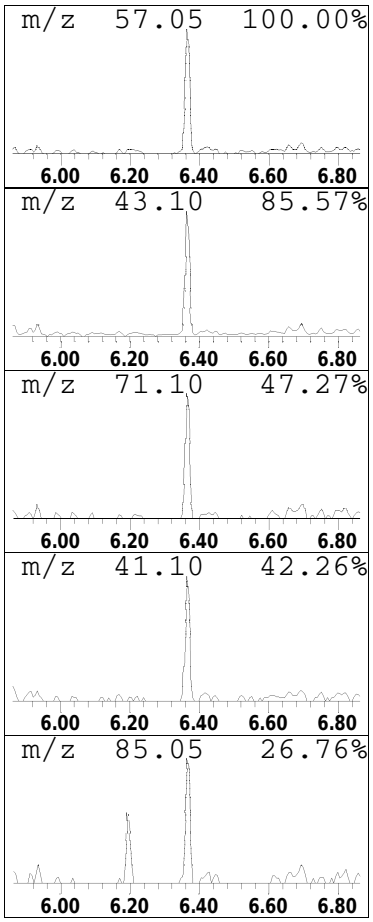
****

Peak Number 5 Unknown Alkane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.363	0.95 ug/ml	52407	IS1_Acenaphthene-d10	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Eicosane	282	C20H42	000112-95-8	83
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	83





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

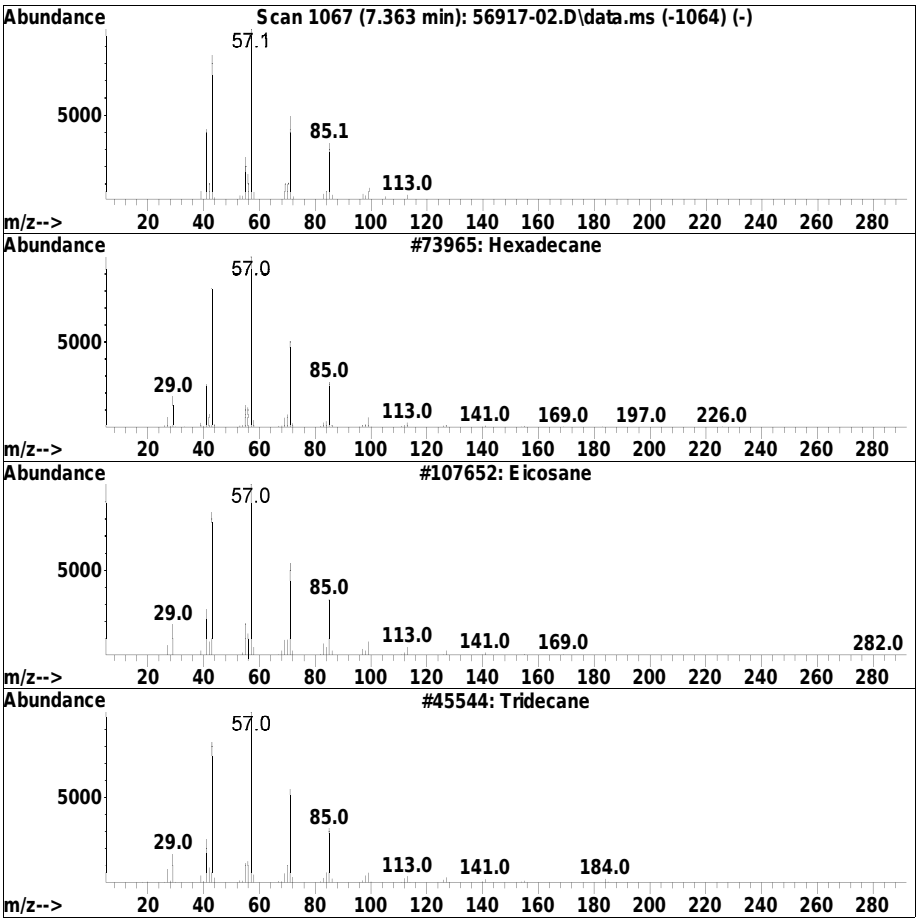
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

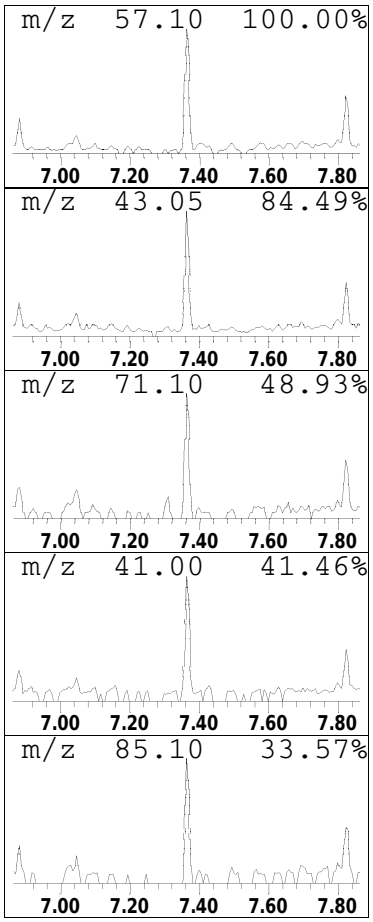
****

Peak Number 6 Unknown Alkane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.363	0.44 ug/ml	23968	IS3_Acenaphthene-d10	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Tridecane	184	C13H28	000629-50-5	78
4	Dotriacontane	451	C32H66	000544-85-4	78
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

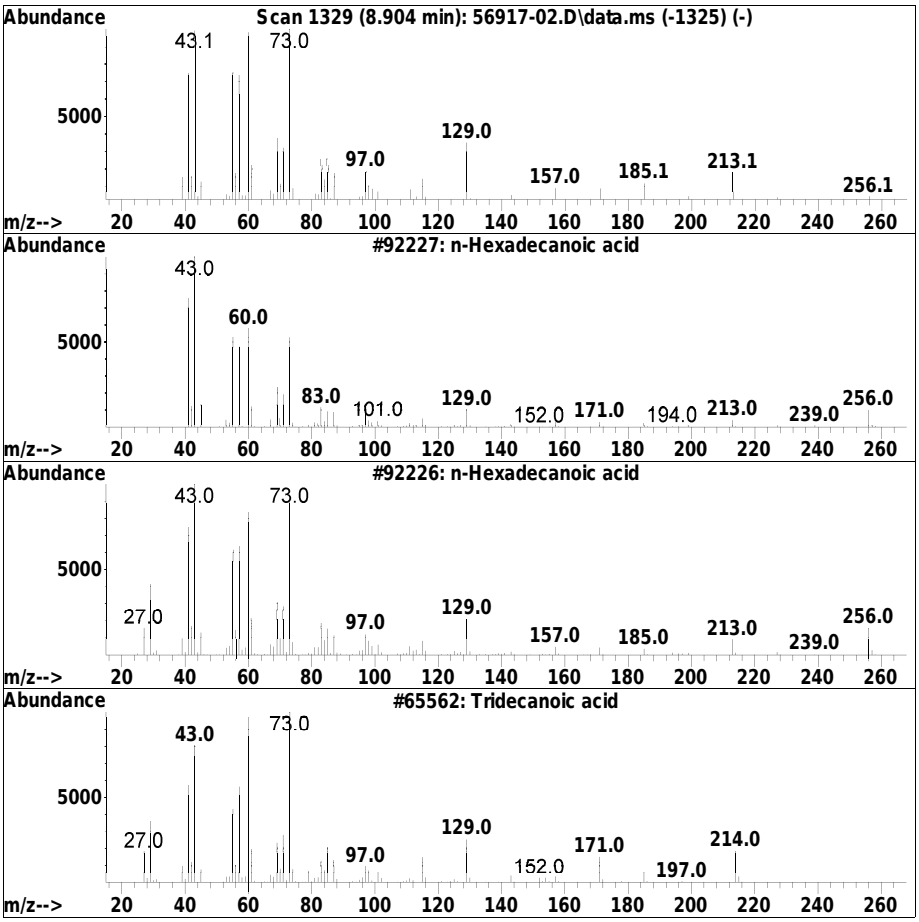
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

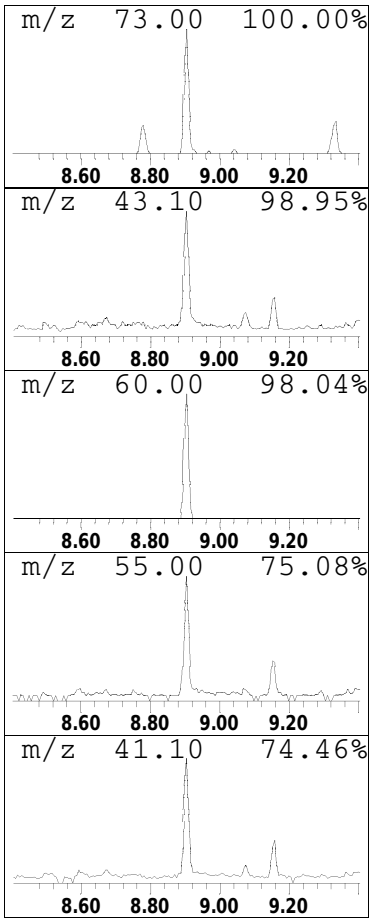
****

Peak Number 7 Unknown Organic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.904	0.72 ug/ml	44385	IS3_Phenanthrene-d10	8.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

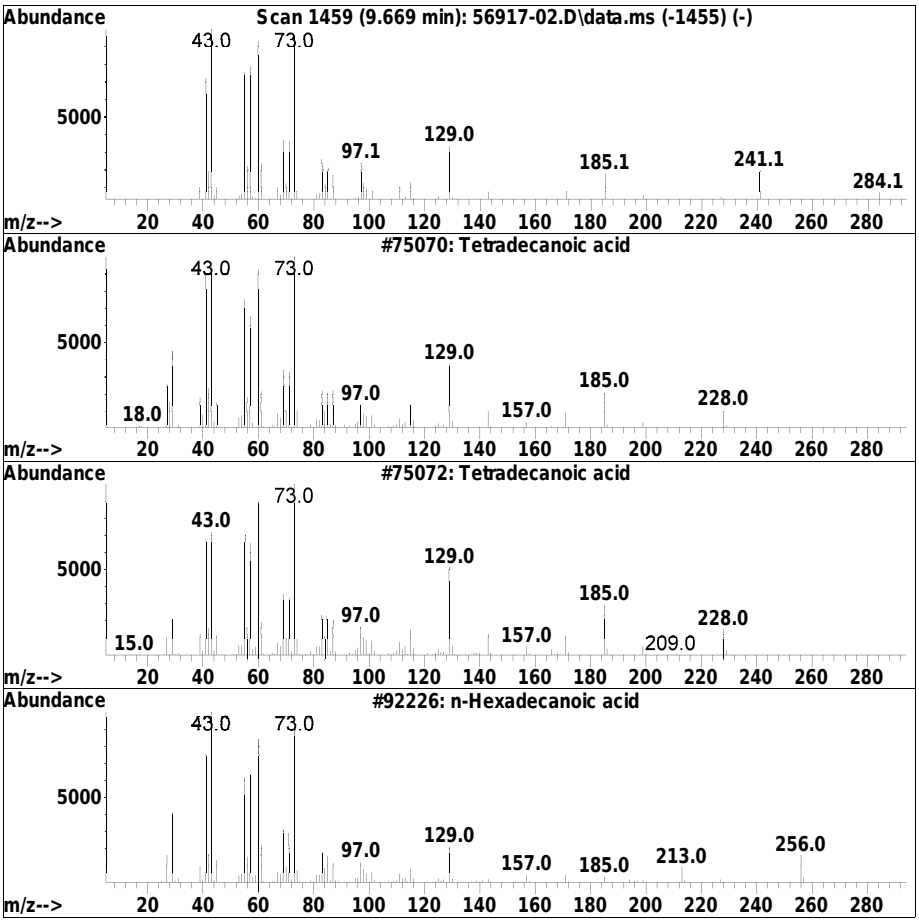
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

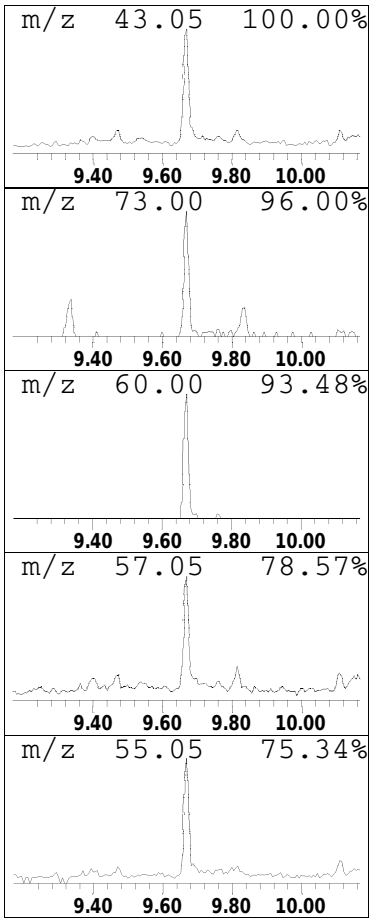
****

Peak Number 8 Unknown Organic Acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	0.68 ug/ml	47673	IS1_Chrysene-d12	10.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

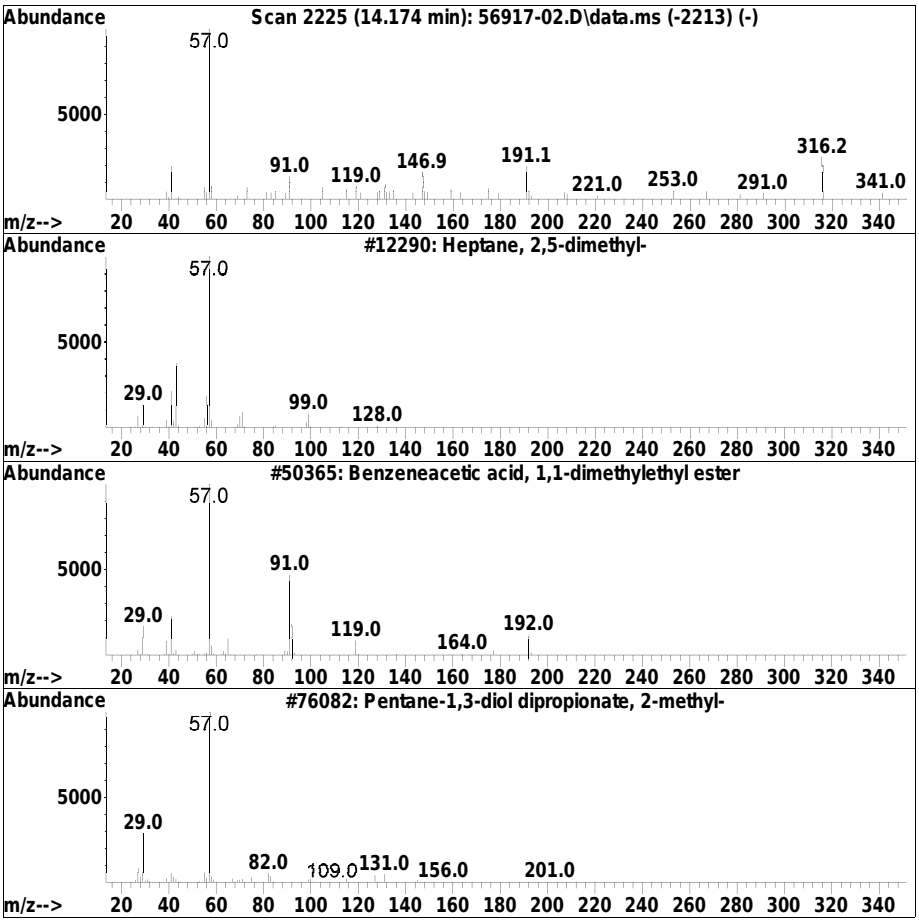
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

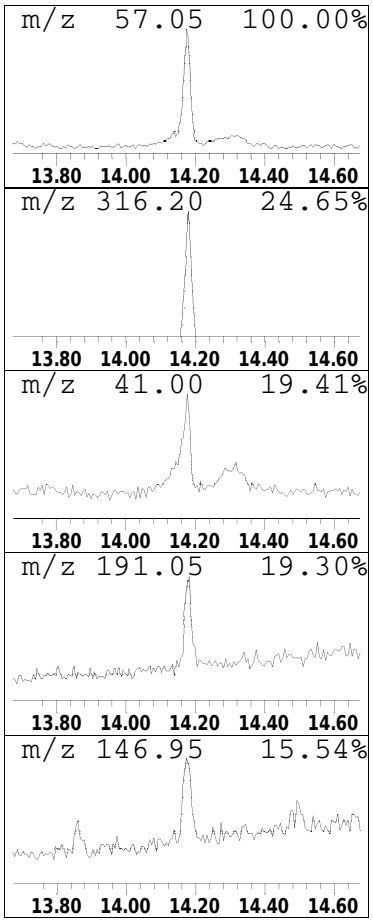
****

Peak Number 9 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.174	0.51 ug/ml	36726	IS1_Perylene-d12	12.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	9
2	Benzeneacetic acid, 1,1-dimethyl...	192	C12H16O2	016537-09-0	9
3	Pentane-1,3-diol dipropionate, 2...	230	C12H22O4	343318-72-9	9
4	Aziridinone, 1-(1,1-dimethylethy...	289	C19H31NO	018606-19-4	9
5	t-Butyl 1-thio-d-glucofuranoside	252	C10H20O5S	094033-53-1	9





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-02.D
Acq On : 28 Dec 2020 3:21 am
Operator : SV124:jg
Sample : L2056917-02,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 8 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.622	0.8	ug/ml	28304	1	3.846	141792	4.0
Unknown Alkane	5.216	1.0	ug/ml	43716	5	5.104	181309	4.0
Unknown Benzene	5.516	0.8	ug/ml	36683	5	5.104	181309	4.0
Unknown Alkane	6.363	1.0	ug/ml	52407	6	6.804	219703	4.0
Unknown Alkane	7.363	0.4	ug/ml	23968	8	6.804	219703	4.0
Unknown Organic...	8.904	0.7	ug/ml	44385	11	8.210	245643	4.0
Unknown Organic...	9.669	0.7	ug/ml	47673	12	10.763	279626	4.0
Unknown	14.174	0.5	ug/ml	36726	13	12.157	286125	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 29 19:31:17 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:48:52 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.845	150	35022	4.000	ug/ml	0.00
Standard Area 1 = 40257			Recovery = 87.00%			
27) IS2_1,4-Dichlorobenzen...	3.845	150	35022	4.000	ug/ml	0.00
Standard Area 3 = 36729			Recovery = 95.35%			
34) IS1_Naphthalene-d8	5.104	136	89460	4.000	ug/ml	0.00
Standard Area 1 = 95766			Recovery = 93.42%			
54) IS2_Naphthalene-d8	5.104	136	89460	4.000	ug/ml	0.00
Standard Area 3 = 91344			Recovery = 97.94%			
62) IS1_Acenaphthene-d10	6.804	164	49268	4.000	ug/ml	0.00
Standard Area 1 = 52020			Recovery = 94.71%			
85) IS3_Acenaphthene-d10	6.804	164	49268	4.000	ug/ml	0.00
Standard Area 2 = 50610			Recovery = 97.35%			
87) IS1_Phenanthrene-d10	8.216	188	98379	4.000	ug/ml	0.00
Standard Area 1 = 106942			Recovery = 91.99%			
103) IS1_Chrysene-d12	10.763	240	93097	4.000	ug/ml	0.00
Standard Area 1 = 106272			Recovery = 87.60%			
112) IS1_Perylene-d12	12.157	264	93632	4.000	ug/ml	0.00
Standard Area 1 = 105931			Recovery = 88.39%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.504	112	5979	1.090	ug/ml	0.01
Spiked Amount 5.000	Range 15 - 110		Recovery = 21.80%			
7) Phenol-d6	3.569	99	10823	1.505	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 30.10%			
19) Nitrobenzene-d5	4.422	82	6523	1.007	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 40.28%			
45) 2-Fluorobiphenyl	6.198	172	17271	0.950	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 38.00%			
78) 2,4,6-Tribromophenol	7.563	330	2284	0.782	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 15.64%			
95) 4-Terphenyl-d14	9.798	244	29435	1.315	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 52.60%			
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 29 19:31:17 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:48:52 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0		N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0		N.D.	
20) Nitrobenzene	0.000		0		N.D.	
21) Isophorone	0.000		0		N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0		N.D.	
28) Benzaldehyde	0.000		0		N.D.	
29) Acetophenone	0.000		0		N.D.	
35) Naphthalene	0.000		0		N.D.	
37) 4-Chloroaniline	0.000		0		N.D.	
40) 2-Methylnaphthalene	0.000		0		N.D.	
42) Hexachlorocyclopentadiene	0.000		0		N.D.	
46) 2-Chloronaphthalene	0.000		0		N.D.	
47) 2-Nitroaniline	0.000		0		N.D.	
50) Dimethyl phthalate	0.000		0		N.D.	
51) Acenaphthylene	0.000		0		N.D.	
52) 2,6-Dinitrotoluene	0.000		0		N.D.	
59) Caprolactam	0.000		0		N.D.	d
60) 1,2,4,5-Tetrachloroben...	0.000		0		N.D.	
61) Biphenyl	0.000		0		N.D.	
63) 3-Nitroaniline	0.000		0		N.D.	
64) Acenaphthene	0.000		0		N.D.	
66) Dibenzofuran	0.000		0		N.D.	
67) 2,4-Dinitrotoluene	0.000		0		N.D.	
71) Diethyl phthalate	0.000		0		N.D.	
72) Fluorene	0.000		0		N.D.	
73) 4-Chlorophenyl phenyl ...	0.000		0		N.D.	
74) 4-Nitroaniline	0.000		0		N.D.	
76) NDPA/DPA	0.000		0		N.D.	
79) 4-Bromophenyl phenyl e...	0.000		0		N.D.	
86) Atrazine	0.000		0		N.D.	
88) Phenanthrene	0.000		0		N.D.	
89) Anthracene	0.000		0		N.D.	
90) Carbazole	0.000		0		N.D.	
91) Di-n-butylphthalate	0.000		0		N.D.	
92) Fluoranthene	0.000		0		N.D.	
94) Pyrene	0.000		0		N.D.	
96) Butyl benzyl phthalate	0.000		0		N.D.	

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 29 19:31:17 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:48:52 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0		N.D.	
106) Chrysene	0.000		0		N.D.	
107) Bis(2-ethylhexyl)phtha...	0.000		0		N.D.	
108) Di-n-octylphthalate	0.000		0		N.D.	d
115) Benzo(ghi)perylene	0.000		0		N.D.	

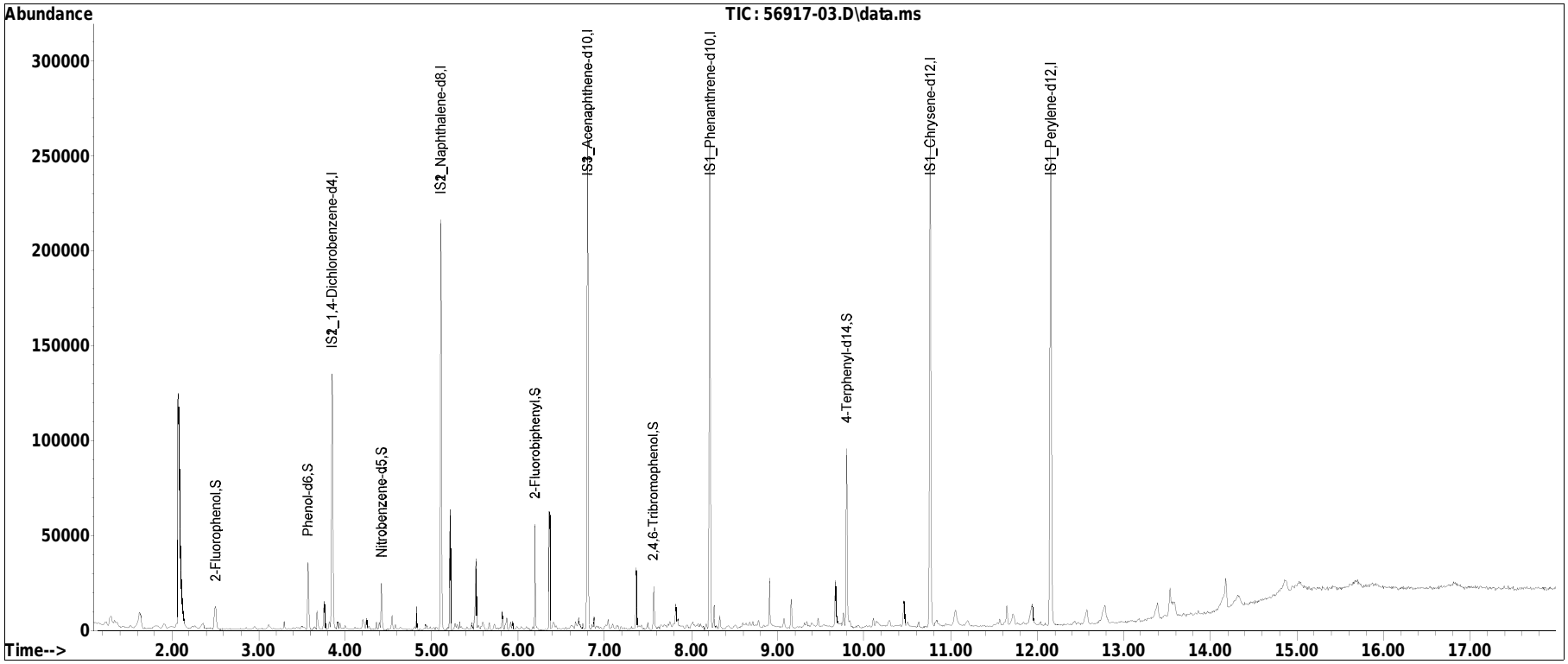
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 29 19:31:17 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:48:52 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional91227n.D•



Manual Integration Report

Data Path	: I:\8270\SV124\201227naLVI\	QMethod	: FS201203SV124.m
Data File	: 56917-03.D	Operator	: SV124:jg
Date Inj'd	: 12/28/2020 3:44 am	Instrument	: SV124
Sample	: L2056917-03,32,,JRW,	Quant Date	: 12/28/2020 9:49 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 56917-03.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.299	30	36	41	rBV3	4853	10759	4.04%	0.430%
2	1.622	80	91	92	rBV4	8123	14955	5.62%	0.598%
3	1.904	135	139	145	rVB3	2132	4219	1.59%	0.169%
4	2.051	159	164	165	rBV2	2552	3217	1.21%	0.129%
5	2.075	165	168	187	rVB	123863	230014	86.44%	9.194%
6	2.357	208	216	222	rVB5	2694	6392	2.40%	0.255%
7	2.498	236	240	247	rBV2	12039	18635	7.00%	0.745%
8	3.116	339	345	352	rBV3	2426	4186	1.57%	0.167%
9	3.293	369	375	384	rBV	4292	7017	2.64%	0.280%
10	3.569	419	422	429	rVB	35318	32444	12.19%	1.297%
11	3.651	429	436	439	rBV2	1767	2675	1.01%	0.107%
12	3.681	439	441	447	rVB	9577	9505	3.57%	0.380%
13	3.757	451	454	458	rBV	14487	15149	5.69%	0.606%
14	3.816	461	464	466	rBV	3960	3636	1.37%	0.145%
15	3.845	466	469	475	rVV	134105	140151	52.67%	5.602%
16	3.916	478	481	484	rBV	4116	4172	1.57%	0.167%
17	4.204	527	530	535	rBV3	4767	6114	2.30%	0.244%
18	4.251	535	538	540	rBV	5021	4629	1.74%	0.185%
19	4.369	555	558	560	rBV	3861	3097	1.16%	0.124%
20	4.398	560	563	565	rVV	3806	3192	1.20%	0.128%
21	4.422	565	567	573	rVB	24244	18770	7.05%	0.750%
22	4.545	584	588	591	rVB	7224	6149	2.31%	0.246%
23	4.822	633	635	641	rVB	12315	8774	3.30%	0.351%
24	5.104	680	683	687	rBV	215645	181861	68.34%	7.269%
25	5.216	699	702	706	rVB	63297	49126	18.46%	1.964%
26	5.275	709	712	714	rBV2	3075	3008	1.13%	0.120%
27	5.322	718	720	723	rBV	3866	3361	1.26%	0.134%
28	5.463	742	744	748	rVB	3394	3052	1.15%	0.122%

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

29	5.516	748	753	755	rBV	37176	34056	12.80%	1.361%
30	5.592	764	766	771	rVB2	4056	4963	1.87%	0.198%
31	5.669	775	779	781	rBV	3598	2905	1.09%	0.116%
32	5.728	783	789	792	rBV2	2937	3777	1.42%	0.151%
33	5.816	801	804	808	rVB2	9476	8628	3.24%	0.345%
34	5.863	808	812	816	rVV2	5660	7071	2.66%	0.283%
35	5.916	816	821	822	rVV2	3857	3577	1.34%	0.143%
36	5.934	822	824	828	rVB	4423	3527	1.33%	0.141%
37	6.198	866	869	872	rBV	54816	47163	17.72%	1.885%
38	6.363	894	897	901	rVB	61926	54280	20.40%	2.170%
39	6.416	901	906	909	rBV2	3644	5545	2.08%	0.222%
40	6.610	935	939	945	rBV5	1734	3294	1.24%	0.132%
41	6.657	945	947	950	rBV	3533	3831	1.44%	0.153%
42	6.692	950	953	960	rVB3	5557	8471	3.18%	0.339%
43	6.804	968	972	975	rBV	265092	220205	82.75%	8.802%
44	6.881	983	985	988	rVB	6206	5131	1.93%	0.205%
45	7.022	1004	1009	1010	rBV4	2220	3304	1.24%	0.132%
46	7.045	1010	1013	1016	rVV	5076	4933	1.85%	0.197%
47	7.098	1019	1022	1027	rVB2	2572	2790	1.05%	0.112%
48	7.363	1064	1067	1071	rBV	31701	27532	10.35%	1.100%
49	7.498	1085	1090	1095	rBV2	3454	4260	1.60%	0.170%
50	7.563	1098	1101	1109	rVB2	22399	18242	6.86%	0.729%
51	7.757	1132	1134	1138	rVB2	2881	2845	1.07%	0.114%
52	7.822	1143	1145	1148	rBV	10452	9008	3.39%	0.360%
53	8.016	1172	1178	1180	rBV3	3246	6671	2.51%	0.267%
54	8.175	1201	1205	1208	rBV2	3057	3680	1.38%	0.147%
55	8.216	1208	1212	1215	rVV	255093	243364	91.45%	9.727%
56	8.263	1216	1220	1223	rVV	11847	11006	4.14%	0.440%
57	8.333	1229	1232	1235	rBV	6859	6054	2.28%	0.242%
58	8.433	1242	1249	1252	rBV3	1635	4141	1.56%	0.166%
59	8.510	1255	1262	1266	rVV4	1894	3788	1.42%	0.151%
60	8.780	1305	1308	1311	rVB2	3525	3527	1.33%	0.141%

LSC Area Percent Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

61	8.904	1325	1329	1335	rBV2	24755	23989	9.01%	0.959%
62	9.075	1354	1358	1364	rVB	5063	5918	2.22%	0.237%
63	9.157	1369	1372	1376	rBV	15256	13986	5.26%	0.559%
64	9.304	1392	1397	1399	rBV	2682	3200	1.20%	0.128%
65	9.333	1399	1402	1406	rVV	3187	4140	1.56%	0.165%
66	9.398	1409	1413	1420	rVV5	2197	4225	1.59%	0.169%
67	9.469	1420	1425	1428	rVB3	4341	4205	1.58%	0.168%
68	9.669	1452	1459	1466	rBV2	24631	29821	11.21%	1.192%
69	9.763	1471	1475	1477	rVV	7527	7632	2.87%	0.305%
70	9.798	1477	1481	1485	rVV	93838	84681	31.82%	3.385%
71	9.833	1485	1487	1492	rVB	3211	3369	1.27%	0.135%
72	10.110	1531	1534	1537	rBV2	4779	4702	1.77%	0.188%
73	10.145	1537	1540	1542	rBV3	2549	2998	1.13%	0.120%
74	10.292	1558	1565	1569	rBV4	3095	5320	2.00%	0.213%
75	10.457	1588	1593	1597	rBV3	13695	16396	6.16%	0.655%
76	10.627	1616	1622	1625	rBV	2766	3405	1.28%	0.136%
77	10.763	1639	1645	1649	rBV	260462	264415	99.36%	10.569%
78	10.839	1652	1658	1661	rBV3	3063	5971	2.24%	0.239%
79	11.051	1686	1694	1704	rBV2	7997	18559	6.97%	0.742%
80	11.192	1711	1718	1725	rVB5	2839	6345	2.38%	0.254%
81	11.563	1779	1781	1784	rVB2	3001	2852	1.07%	0.114%
82	11.645	1792	1795	1799	rVB	9869	9990	3.75%	0.399%
83	11.716	1801	1807	1812	rVB5	5488	11119	4.18%	0.444%
84	11.939	1837	1845	1854	rVB3	10602	25108	9.44%	1.004%
85	12.039	1858	1862	1868	rVB4	1969	3024	1.14%	0.121%
86	12.157	1877	1882	1890	rBV	254509	266107	100.00%	10.637%
87	12.433	1924	1929	1932	rBV6	1884	3035	1.14%	0.121%
88	12.580	1946	1954	1960	rBV3	7395	14290	5.37%	0.571%
89	12.786	1980	1989	1998	rVB8	9447	27187	10.22%	1.087%
90	13.392	2085	2092	2097	rVB5	8126	16208	6.09%	0.648%
91	13.533	2111	2116	2118	rBV2	14637	19128	7.19%	0.765%

LSC Area Percent Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

92	14.174	2222	2225	2231	rVB	15118	20673	7.77%	0.826%

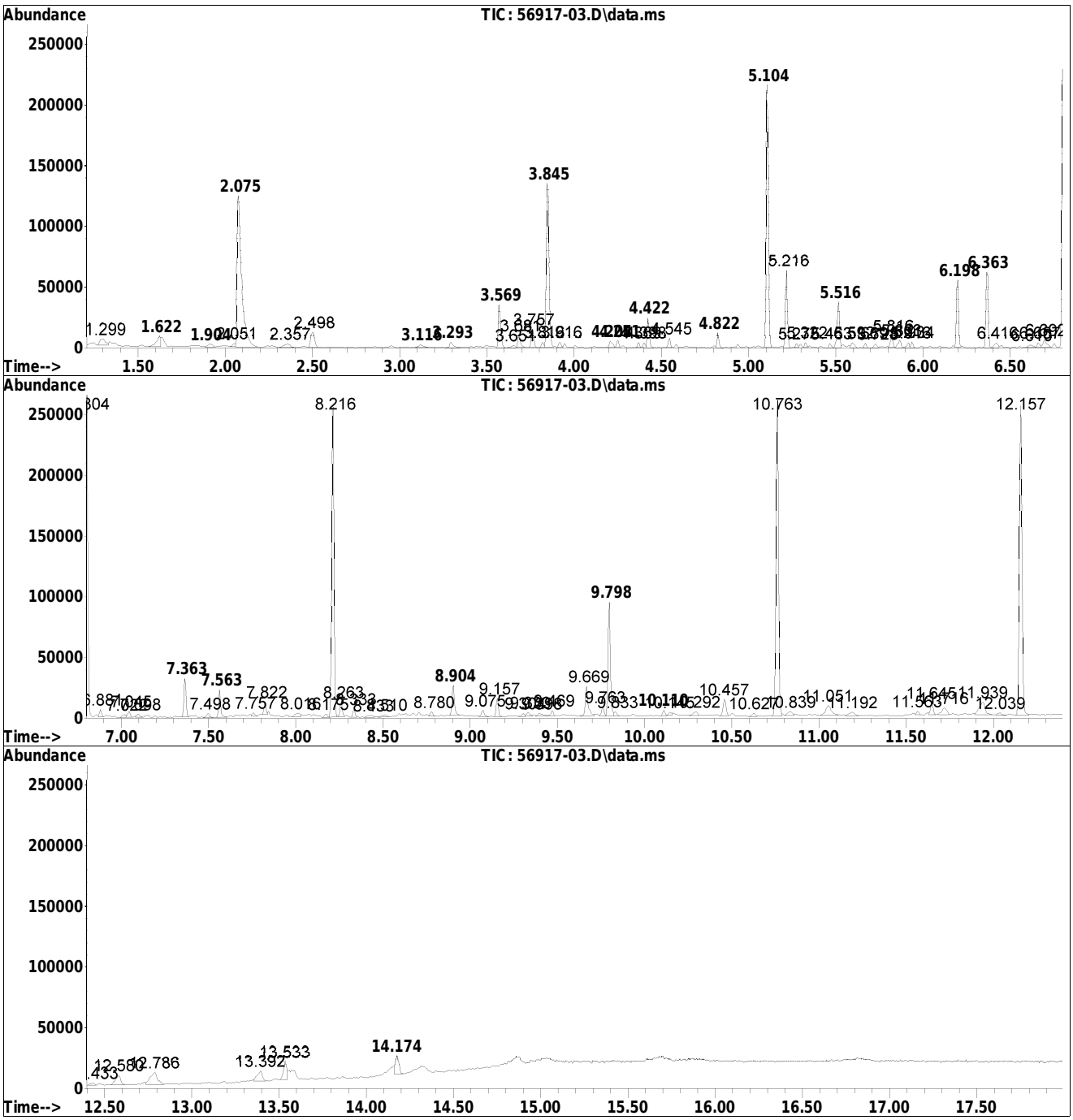
Sum of corrected areas: 2501826

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

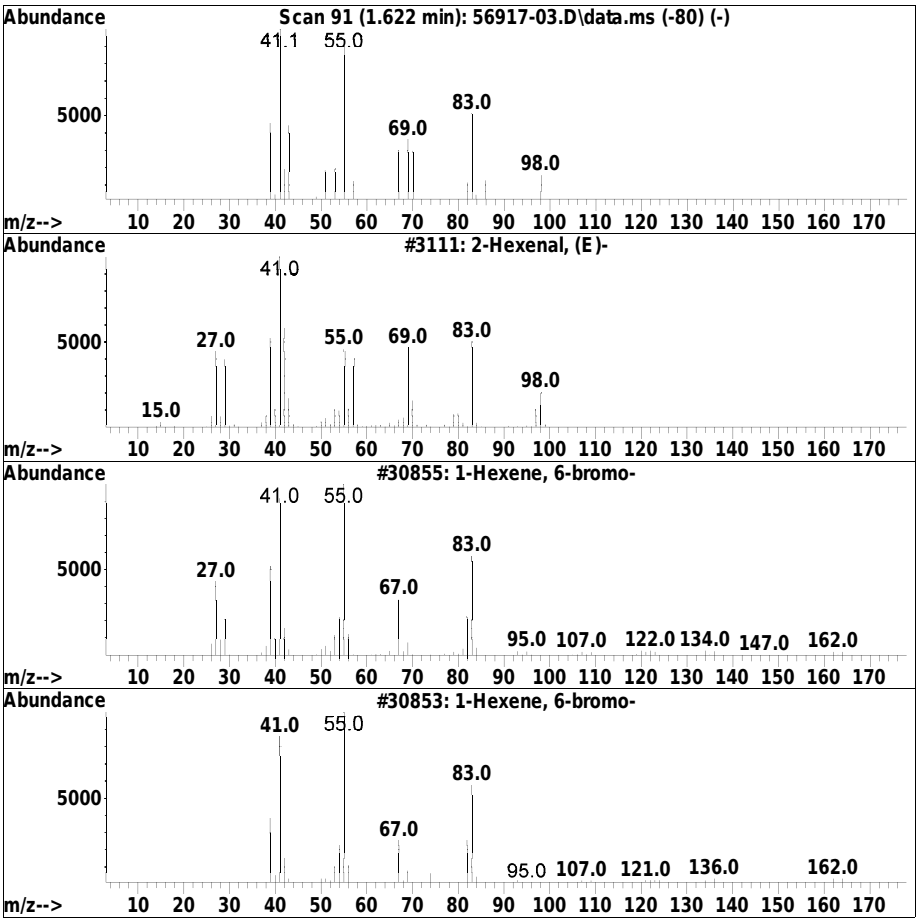
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

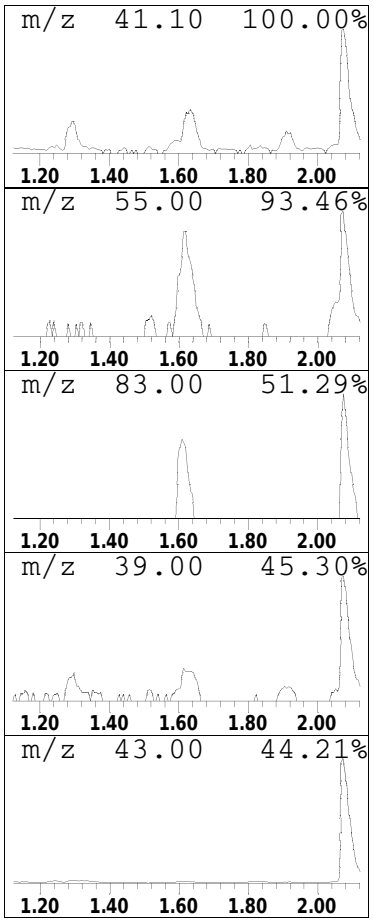
****

Peak Number 1 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.622	0.43 ug/ml	14955	IS2_1,4-Dichlorobenzene-d4	3.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenal, (E)-	98	C6H10O	006728-26-3	47
2	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	45
3	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	45
4	2-Heptene, (E)-	98	C7H14	014686-13-6	43
5	2-Pentyn-1-ol	84	C5H8O	006261-22-9	43





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

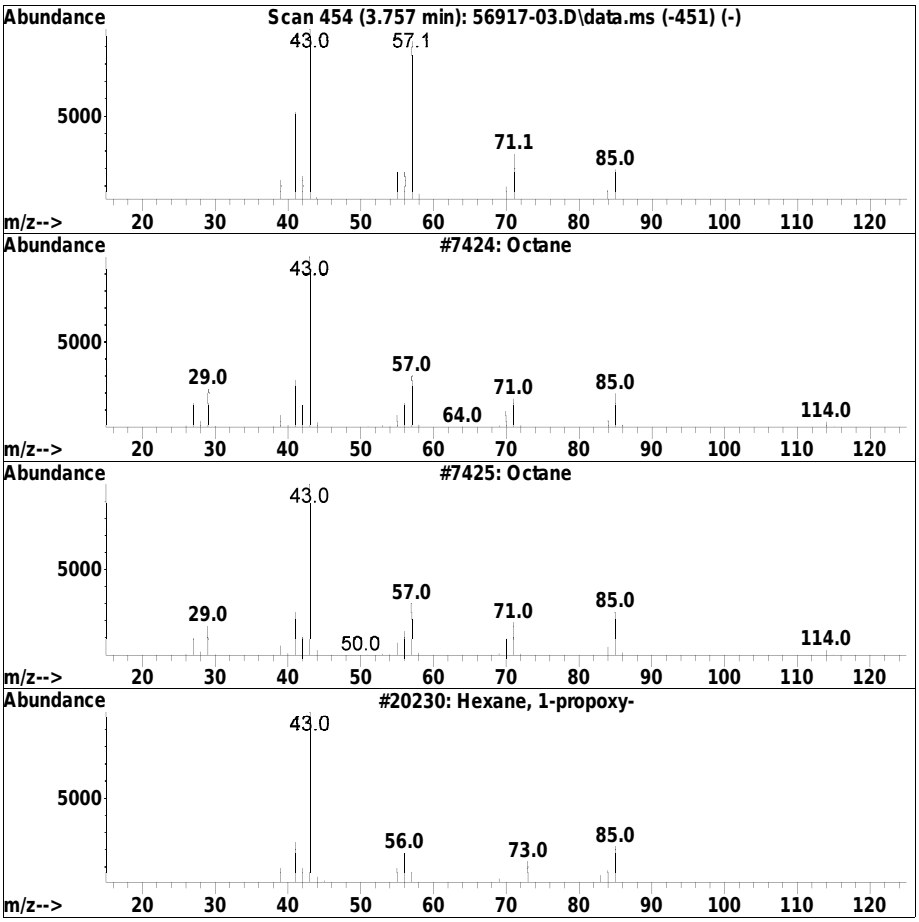
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

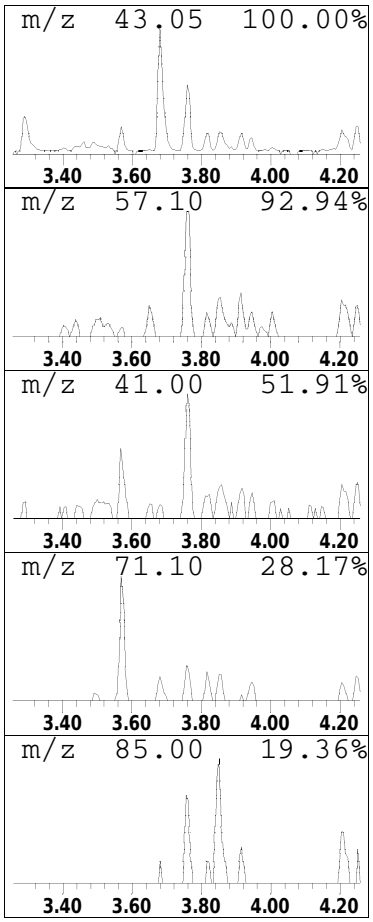
****

Peak Number 3 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.757	0.43 ug/ml	15149	IS2_1,4-Dichlorobenzene-d4	3.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	59
2	Octane	114	C8H18	000111-65-9	38
3	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	37
4	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	37
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	36





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

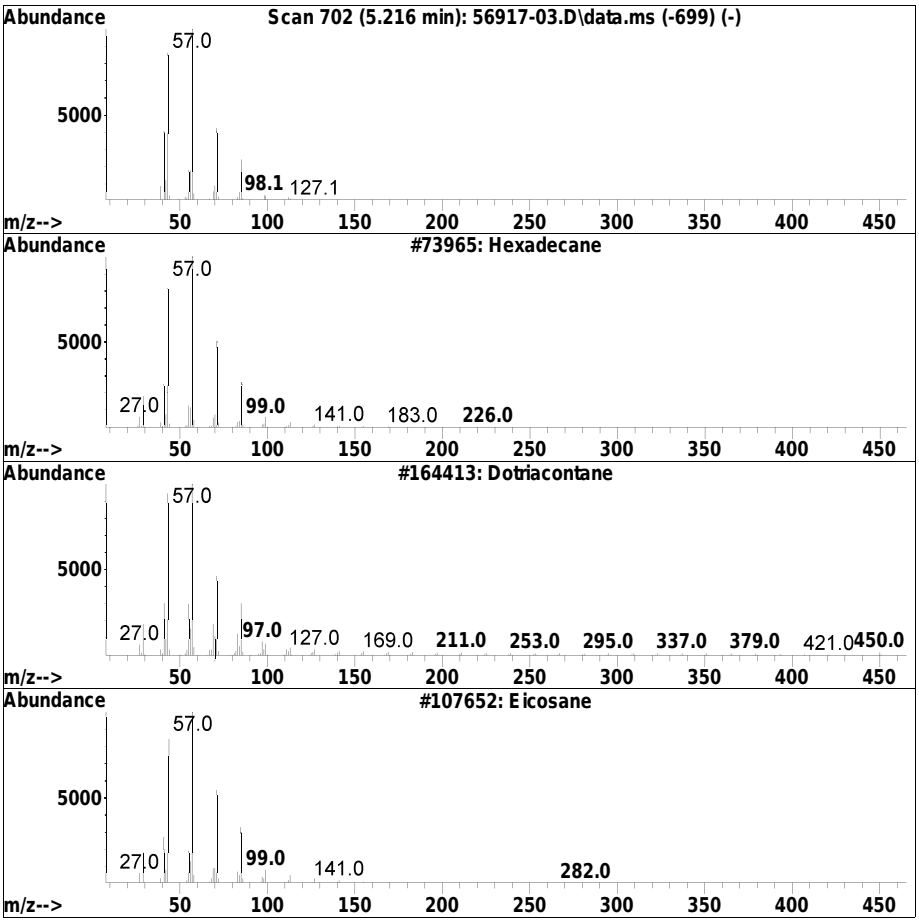
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

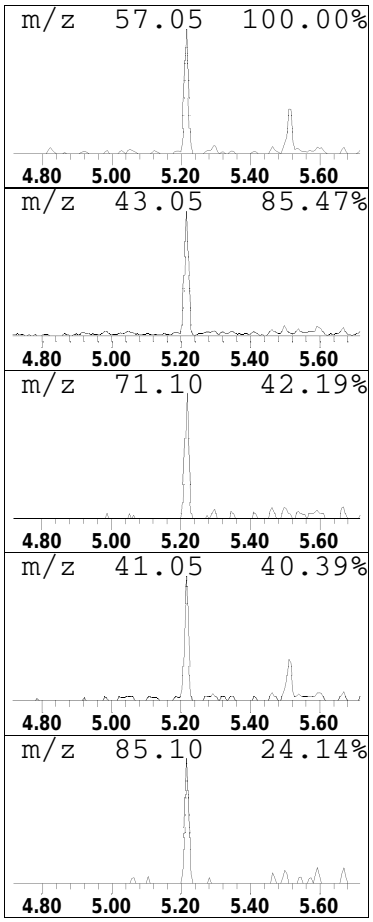
****

Peak Number 4 Unknown Alkane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.216	1.08 ug/ml	49126	IS2_Naphthalene-d8	5.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Dotriacontane	451	C32H66	000544-85-4	83
3	Eicosane	282	C20H42	000112-95-8	83
4	Tridecane	184	C13H28	000629-50-5	83
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	78





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

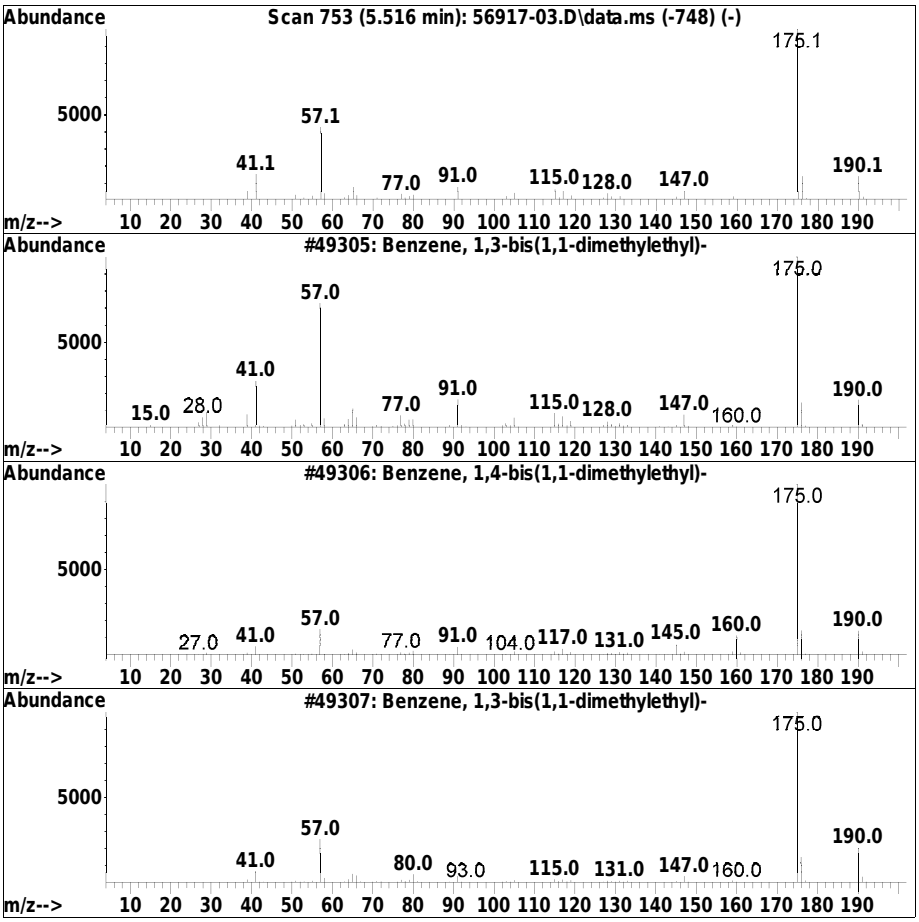
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

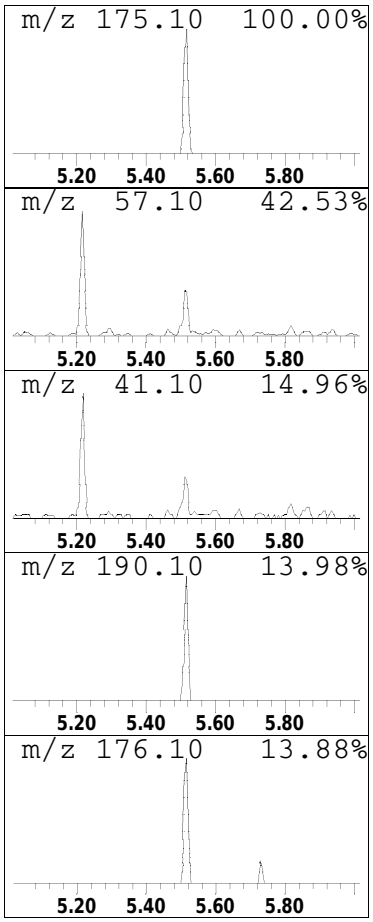
****

Peak Number 5 Unknown Benzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.516	0.75 ug/ml	34056	IS2_Naphthalene-d8	5.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	96
2	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	91
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
4	2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	72
5	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	72





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

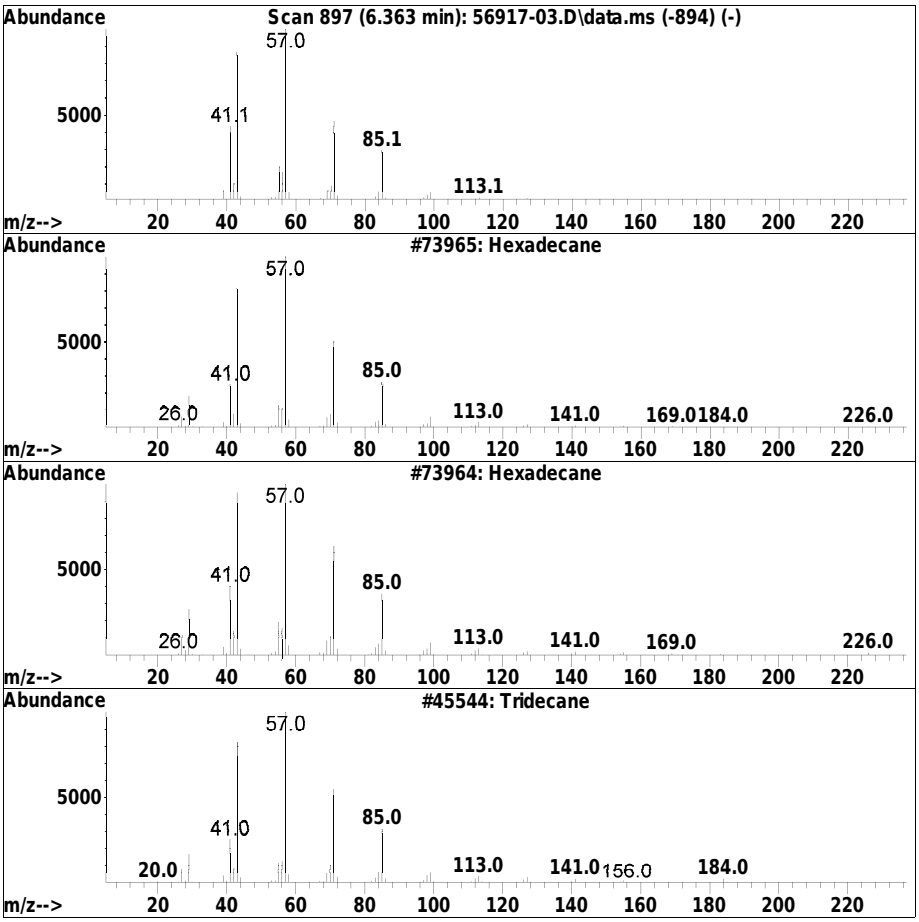
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

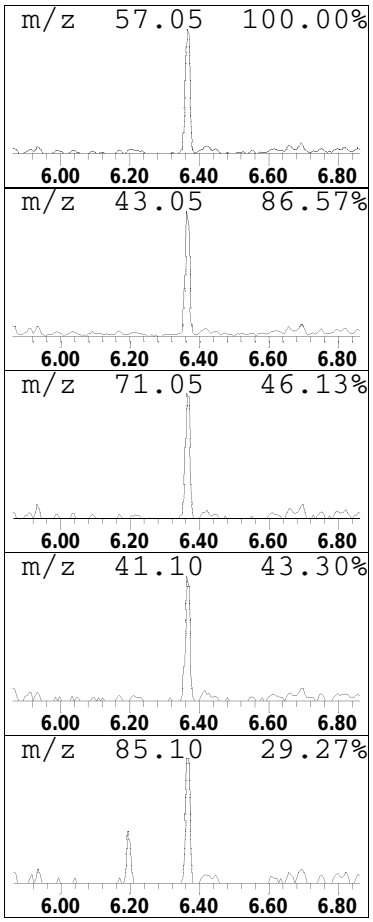
****

Peak Number 6 Unknown Alkane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.363	0.99 ug/ml	54280	IS1_Acenaphthene-d10	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tridecane	184	C13H28	000629-50-5	78
4	Eicosane	282	C20H42	000112-95-8	78
5	Tridecane	184	C13H28	000629-50-5	78





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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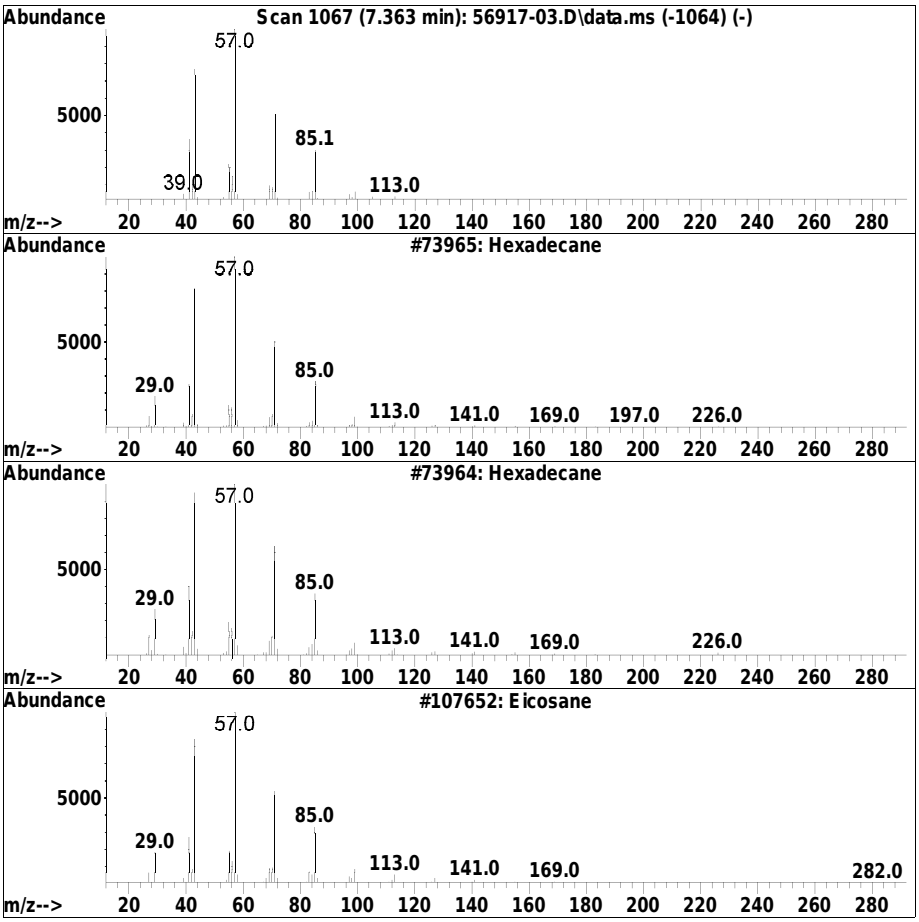
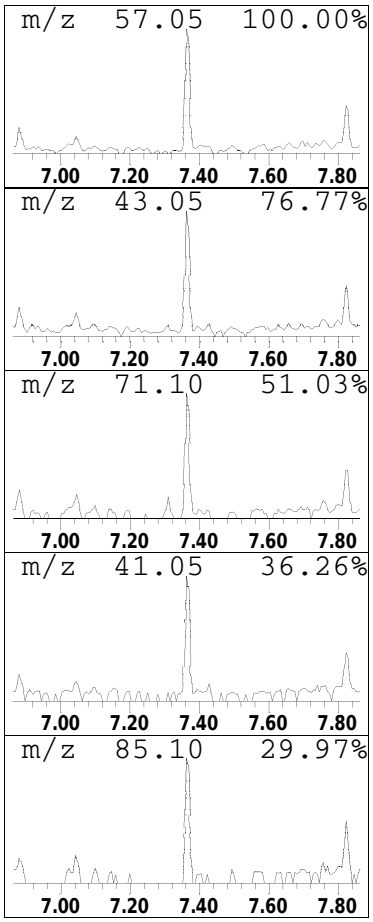
Peak Number 7 Unknown Alkane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.363	0.50 ug/ml	27532	IS3_Acenaphthene-d10	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Eicosane	282	C20H42	000112-95-8	83
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
5	Tetradecane	198	C14H30	000629-59-4	78





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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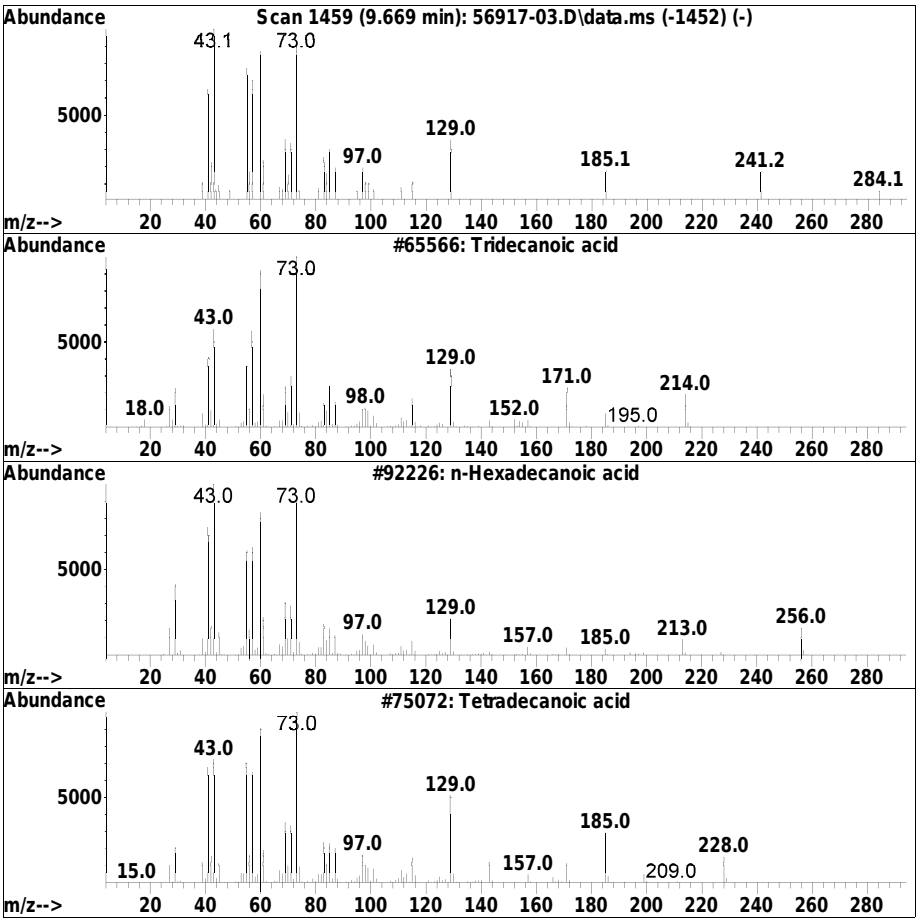
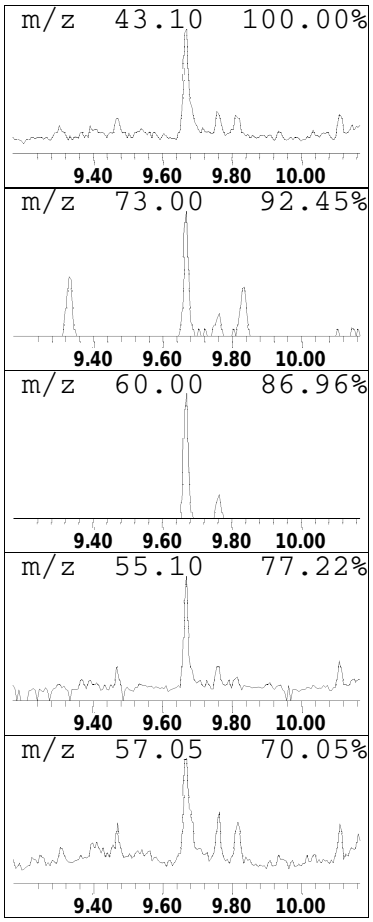
Peak Number 8 Unknown Organic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	0.45 ug/ml	29821	IS1_Chrysene-d12	10.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	80
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

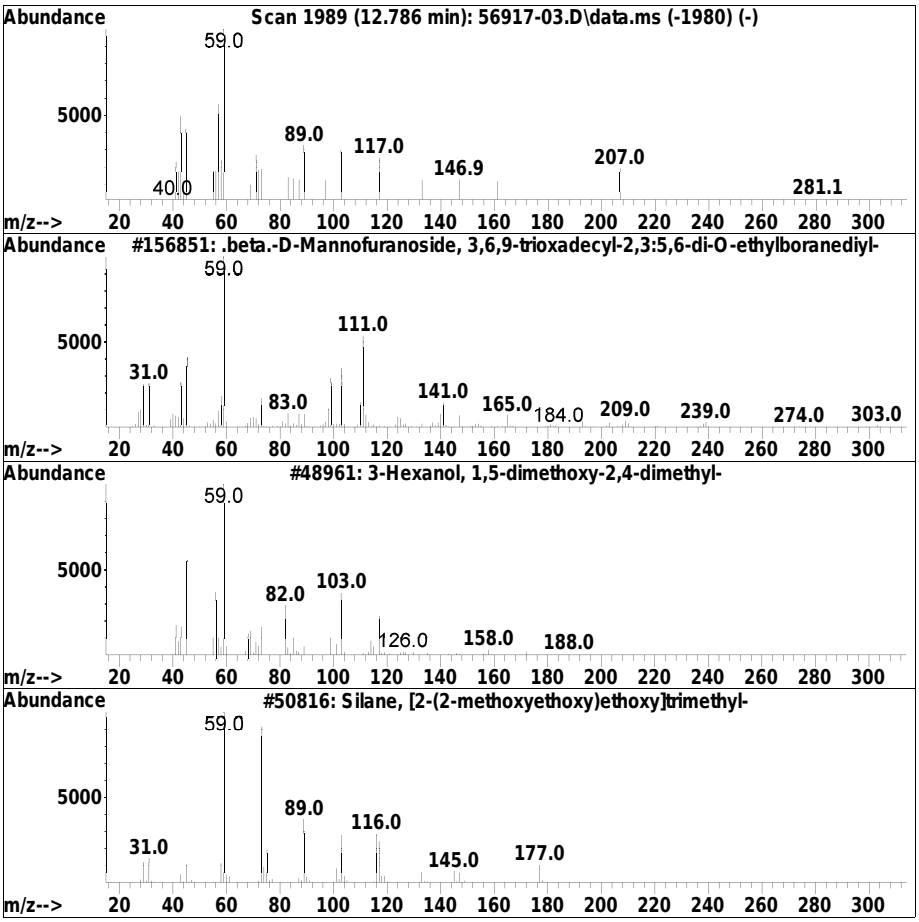
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

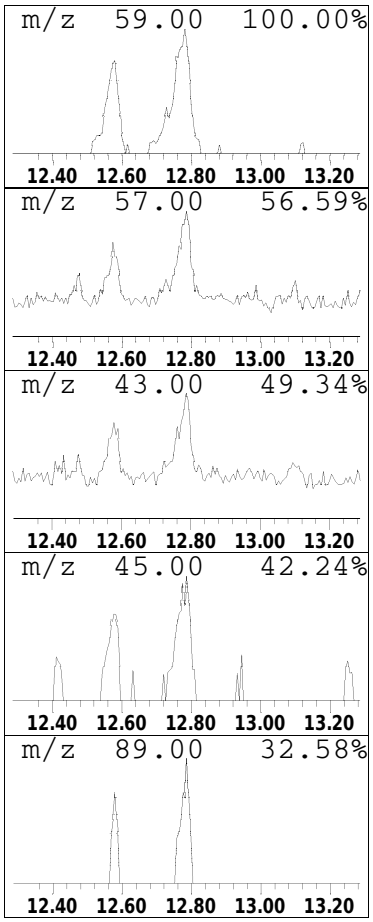
****

Peak Number 9 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	0.41 ug/ml	27187	IS1_Perylene-d12	12.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-D-Mannofuranoside, 3,6,9-...	402	C17H32B2O9	1000155-77-2	38
2	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	33
3	Silane, [2-(2-methoxyethoxy)etho...	192	C8H20O3Si	062199-57-9	28
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23
5	Hexylene Glycol	118	C6H14O2	000107-41-5	23





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-03.D
Acq On : 28 Dec 2020 3:44 am
Operator : SV124:jg
Sample : L2056917-03,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 9 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.622	0.4	ug/ml	14955	1	3.845	140151	4.0
Unknown	3.757	0.4	ug/ml	15149	1	3.845	140151	4.0
Unknown Alkane	5.216	1.1	ug/ml	49126	5	5.104	181861	4.0
Unknown Benzene	5.516	0.7	ug/ml	34056	5	5.104	181861	4.0
Unknown Alkane	6.363	1.0	ug/ml	54280	6	6.804	220205	4.0
Unknown Alkane	7.363	0.5	ug/ml	27532	8	6.804	220205	4.0
Unknown Organic...	9.669	0.5	ug/ml	29821	12	10.763	264415	4.0
Unknown	12.786	0.4	ug/ml	27187	13	12.157	266107	4.0

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 29 19:31:39 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:49:33 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.846	150	33848	4.000	ug/ml	0.00
Standard Area 1 = 40257			Recovery = 84.08%			
27) IS2_1,4-Dichlorobenzen...	3.846	150	33848	4.000	ug/ml	0.00
Standard Area 3 = 36729			Recovery = 92.16%			
34) IS1_Naphthalene-d8	5.104	136	85641	4.000	ug/ml	0.00
Standard Area 1 = 95766			Recovery = 89.43%			
54) IS2_Naphthalene-d8	5.104	136	85641	4.000	ug/ml	0.00
Standard Area 3 = 91344			Recovery = 93.76%			
62) IS1_Acenaphthene-d10	6.804	164	46047	4.000	ug/ml	0.00
Standard Area 1 = 52020			Recovery = 88.52%			
85) IS3_Acenaphthene-d10	6.804	164	46047	4.000	ug/ml	0.00
Standard Area 2 = 50610			Recovery = 90.98%			
87) IS1_Phenanthrene-d10	8.210	188	90524	4.000	ug/ml	0.00
Standard Area 1 = 106942			Recovery = 84.65%			
103) IS1_Chrysene-d12	10.763	240	85203	4.000	ug/ml	0.00
Standard Area 1 = 106272			Recovery = 80.17%			
112) IS1_Perylene-d12	12.157	264	85821	4.000	ug/ml	0.00
Standard Area 1 = 105931			Recovery = 81.02%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.499	112	14591	2.752	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 55.04%			
7) Phenol-d6	3.569	99	19274	2.773	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 55.46%			
19) Nitrobenzene-d5	4.422	82	12646	2.020	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 80.80%			
45) 2-Fluorobiphenyl	6.192	172	30670	1.762	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 70.48%			
78) 2,4,6-Tribromophenol	7.563	330	4902	1.796	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 35.92%			
95) 4-Terphenyl-d14	9.798	244	40477	1.965	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 78.60%			
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 29 19:31:39 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:49:33 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0		N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0		N.D.	
20) Nitrobenzene	0.000		0		N.D.	
21) Isophorone	0.000		0		N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0		N.D.	
28) Benzaldehyde	0.000		0		N.D.	
29) Acetophenone	0.000		0		N.D.	
35) Naphthalene	0.000		0		N.D.	
37) 4-Chloroaniline	0.000		0		N.D.	
40) 2-Methylnaphthalene	0.000		0		N.D.	
42) Hexachlorocyclopentadiene	0.000		0		N.D.	
46) 2-Chloronaphthalene	0.000		0		N.D.	
47) 2-Nitroaniline	0.000		0		N.D.	
50) Dimethyl phthalate	0.000		0		N.D.	
51) Acenaphthylene	0.000		0		N.D.	
52) 2,6-Dinitrotoluene	0.000		0		N.D.	
59) Caprolactam	0.000		0		N.D.	
60) 1,2,4,5-Tetrachloroben...	0.000		0		N.D.	
61) Biphenyl	0.000		0		N.D.	
63) 3-Nitroaniline	0.000		0		N.D.	
64) Acenaphthene	0.000		0		N.D.	
66) Dibenzofuran	0.000		0		N.D.	
67) 2,4-Dinitrotoluene	0.000		0		N.D.	
71) Diethyl phthalate	0.000		0		N.D.	
72) Fluorene	0.000		0		N.D.	
73) 4-Chlorophenyl phenyl ...	0.000		0		N.D.	
74) 4-Nitroaniline	0.000		0		N.D.	
76) NDPA/DPA	0.000		0		N.D.	
79) 4-Bromophenyl phenyl e...	0.000		0		N.D.	
86) Atrazine	0.000		0		N.D.	
88) Phenanthrene	0.000		0		N.D.	
89) Anthracene	0.000		0		N.D.	
90) Carbazole	0.000		0		N.D.	
91) Di-n-butylphthalate	0.000		0		N.D.	
92) Fluoranthene	0.000		0		N.D.	
94) Pyrene	0.000		0		N.D.	
96) Butyl benzyl phthalate	0.000		0		N.D.	

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 29 19:31:39 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:49:33 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
106) Chrysene	0.000		0	N.D.		
107) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108) Di-n-octylphthalate	0.000		0	N.D.	d	
115) Benzo(ghi)perylene	0.000		0	N.D.		

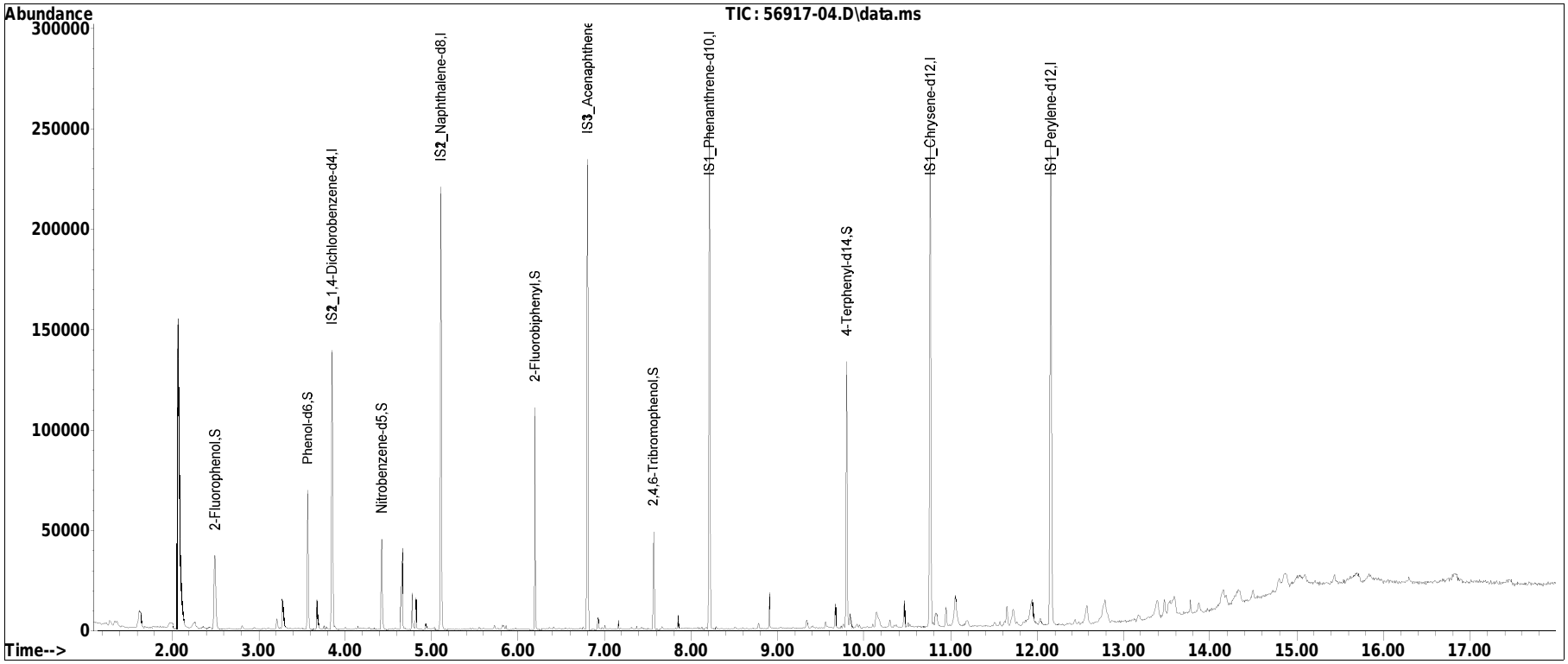
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 29 19:31:39 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:49:33 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional91227n.D•



Manual Integration Report

Data Path	: I:\8270\SV124\201227naLVI\	QMethod	: FS201203SV124.m
Data File	: 56917-04.D	Operator	: SV124:jg
Date Inj'd	: 12/28/2020 4:06 am	Instrument	: SV124
Sample	: L2056917-04,32,,JRW,	Quant Date	: 12/28/2020 9:49 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 56917-04.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.281	31	33	40	rVV2	2490	4190	1.51%	0.174%
2	1.346	40	44	46	rVV4	2591	4105	1.48%	0.170%
3	1.363	46	47	55	rVB6	2832	3922	1.42%	0.162%
4	1.622	85	91	101	rVB6	8530	20008	7.23%	0.829%
5	1.981	144	152	154	rBV3	2429	5566	2.01%	0.231%
6	2.069	165	167	185	rBV	154512	276740	100.00%	11.463%
7	2.252	189	198	199	rBV3	2618	3987	1.44%	0.165%
8	2.446	224	231	235	rVB3	1275	3091	1.12%	0.128%
9	2.493	235	239	248	rBV	36955	50943	18.41%	2.110%
10	3.210	358	361	366	rBV	5000	5438	1.97%	0.225%
11	3.275	370	372	385	rVB	14978	19159	6.92%	0.794%
12	3.569	419	422	428	rVB	69350	57859	20.91%	2.397%
13	3.675	437	440	449	rBV	14722	15463	5.59%	0.640%
14	3.846	466	469	473	rBV	139260	128976	46.61%	5.342%
15	4.422	564	567	572	rBV	44805	38805	14.02%	1.607%
16	4.663	602	608	612	rBV	40560	43324	15.66%	1.794%
17	4.775	624	627	632	rBV	17875	15761	5.70%	0.653%
18	4.822	632	635	639	rVB	15191	10957	3.96%	0.454%
19	5.104	680	683	687	rBV	220458	176516	63.78%	7.311%
20	6.192	865	868	872	rBV	110523	89568	32.37%	3.710%
21	6.804	968	972	975	rBV	234265	202104	73.03%	8.371%
22	6.922	989	992	995	rBV	5928	5961	2.15%	0.247%
23	7.157	1029	1032	1036	rVB2	4555	3476	1.26%	0.144%
24	7.563	1098	1101	1105	rVB	48642	38018	13.74%	1.575%
25	7.845	1146	1149	1155	rVB2	7004	6929	2.50%	0.287%
26	8.210	1208	1211	1215	rBV	251242	222236	80.30%	9.205%
27	8.904	1325	1329	1334	rBV	17853	16623	6.01%	0.689%
28	9.333	1398	1402	1404	rBV	3810	4481	1.62%	0.186%

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

29	9.557	1437	1440	1442	rBV	3144	3151	1.14%	0.131%
30	9.669	1454	1459	1464	rBV2	12025	12480	4.51%	0.517%
31	9.798	1477	1481	1484	rBV	132645	111779	40.39%	4.630%
32	9.839	1484	1488	1491	rVB3	7019	7777	2.81%	0.322%
33	10.145	1536	1540	1551	rVB5	7438	17645	6.38%	0.731%
34	10.298	1559	1566	1569	rVB3	3780	4324	1.56%	0.179%
35	10.463	1589	1594	1597	rVB2	13253	14543	5.26%	0.602%
36	10.763	1639	1645	1649	rBV	247391	243416	87.96%	10.082%
37	10.827	1652	1656	1663	rVB3	6517	13681	4.94%	0.567%
38	10.945	1672	1676	1681	rBV	9853	10109	3.65%	0.419%
39	11.051	1685	1694	1705	rVV3	15442	37052	13.39%	1.535%
40	11.186	1713	1717	1723	rVB2	3069	6513	2.35%	0.270%
41	11.504	1768	1771	1776	rBV2	1887	2893	1.05%	0.120%
42	11.622	1786	1791	1793	rBV3	2530	3963	1.43%	0.164%
43	11.645	1793	1795	1800	rVV	9770	10837	3.92%	0.449%
44	11.722	1800	1808	1813	rVV3	8189	18441	6.66%	0.764%
45	11.939	1838	1845	1853	rVB3	12095	30135	10.89%	1.248%
46	12.033	1857	1861	1865	rBV3	3012	4800	1.73%	0.199%
47	12.157	1878	1882	1890	rVB	241287	247417	89.40%	10.248%
48	12.439	1925	1930	1933	rBV2	2420	3248	1.17%	0.135%
49	12.580	1946	1954	1962	rVB2	9105	19186	6.93%	0.795%
50	12.786	1982	1989	1999	rVB6	11406	34052	12.30%	1.410%
51	13.174	2051	2055	2059	rBV3	3520	6758	2.44%	0.280%
52	13.392	2084	2092	2098	rVB5	8667	22547	8.15%	0.934%
53	13.468	2101	2105	2110	rBV6	8306	11674	4.22%	0.484%
54	13.521	2110	2114	2115	rBV3	5468	7526	2.72%	0.312%
55	13.768	2152	2156	2161	rVB2	6815	7761	2.80%	0.321%
56	13.868	2169	2173	2176	rBV3	4216	5692	2.06%	0.236%
57	14.157	2215	2222	2224	rBV6	7071	15669	5.66%	0.649%
58	14.498	2277	2280	2284	rVB5	4128	5028	1.82%	0.208%

LSC Area Percent Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

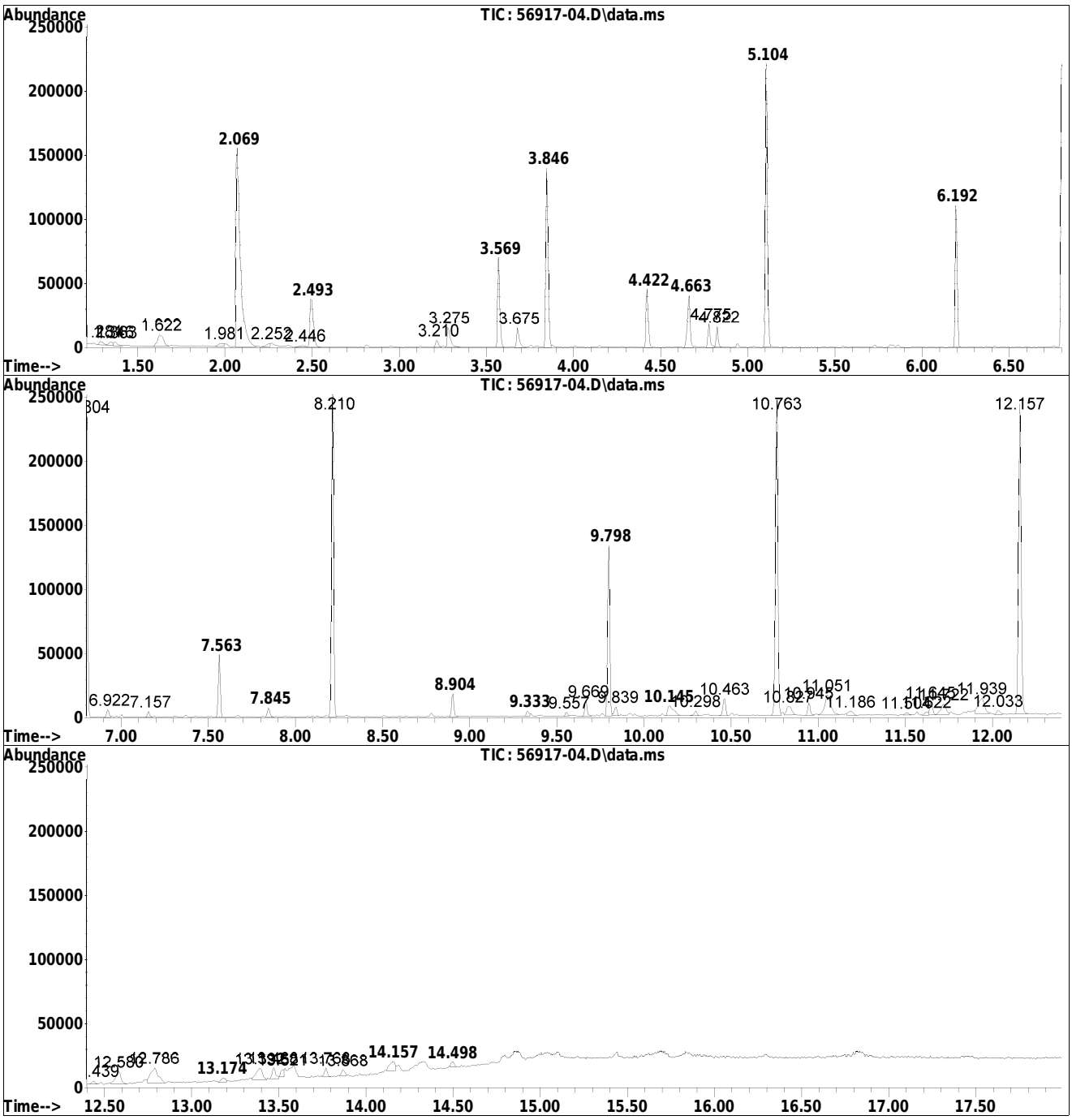
Sum of corrected areas: 2414303

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

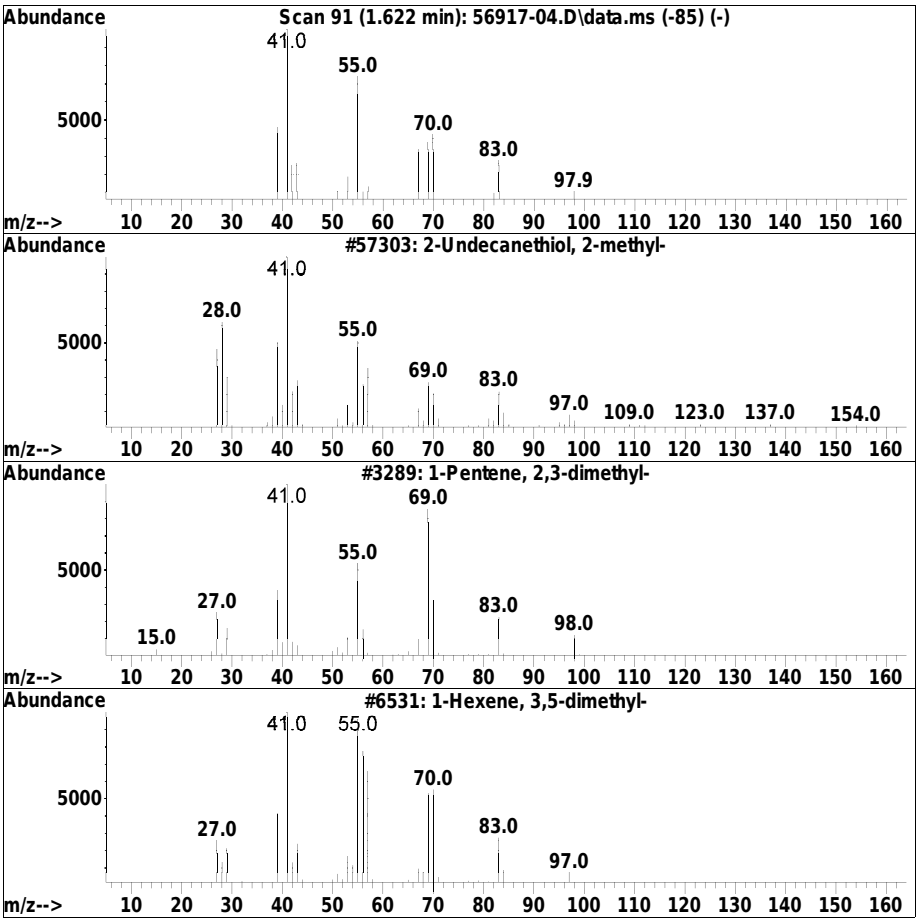
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

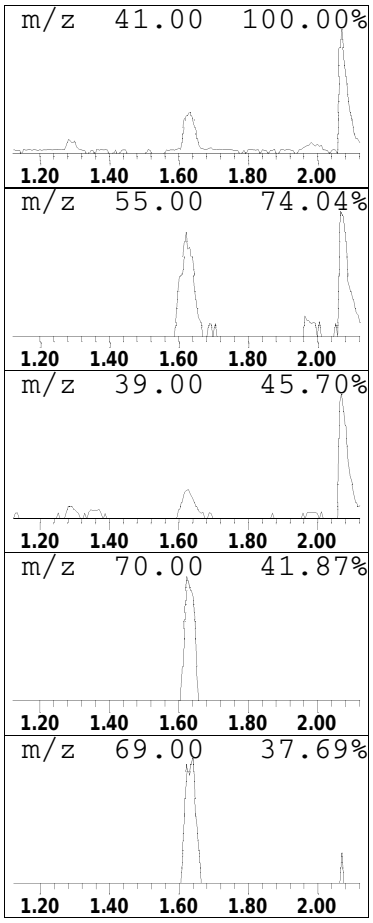
****

Peak Number 1 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.622	0.62 ug/ml	20008	IS2_1,4-Dichlorobenzene-d4	3.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecanethiol, 2-methyl-	202	C12H26S	010059-13-9	59
2	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	50
3	1-Hexene, 3,5-dimethyl-	112	C8H16	007423-69-0	50
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	47
5	2-Heptene	98	C7H14	000592-77-8	43





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

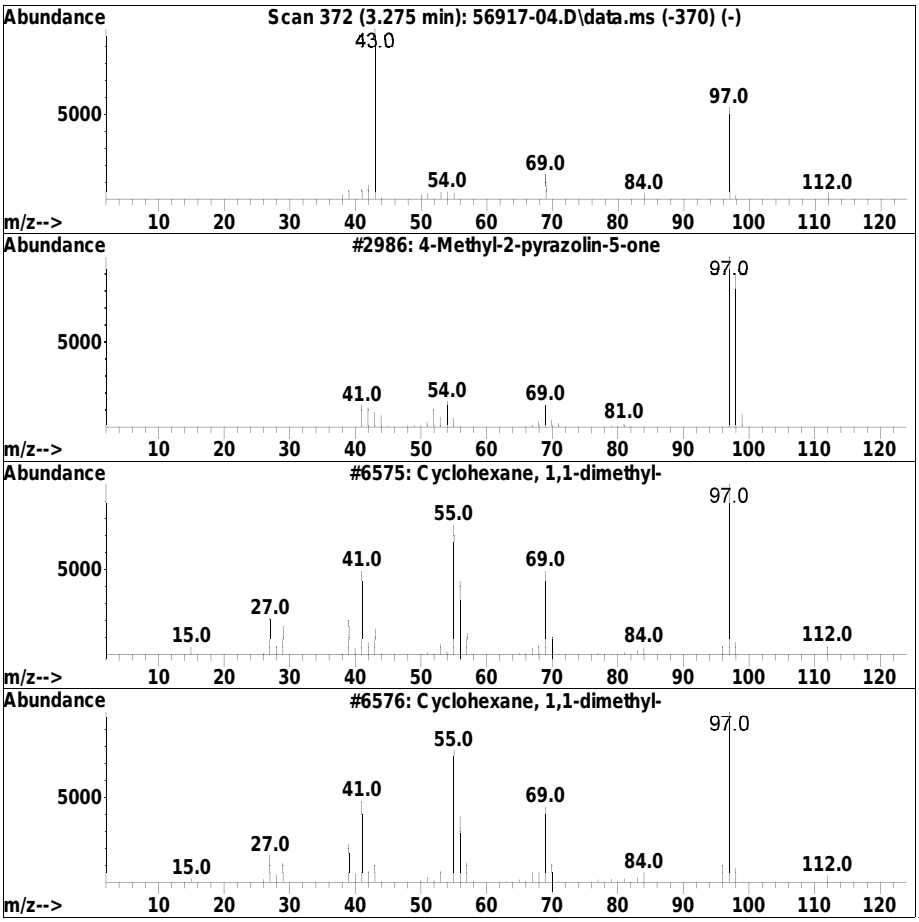
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

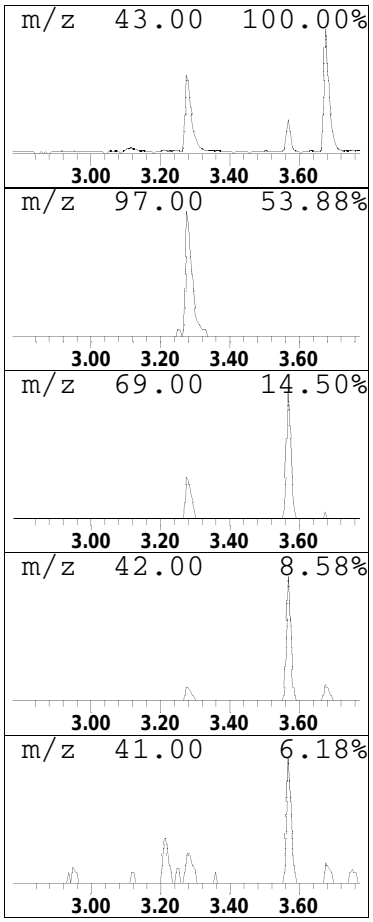
****

Peak Number 3 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.275	0.59 ug/ml	19159	IS2_1,4-Dichlorobenzene-d4	3.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-2-pyrazolin-5-one	98	C4H6N2O	013315-23-6	28
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	23
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	9
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	9
5	1H-Pyrrole-2,5-dione	97	C4H3NO2	000541-59-3	9





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

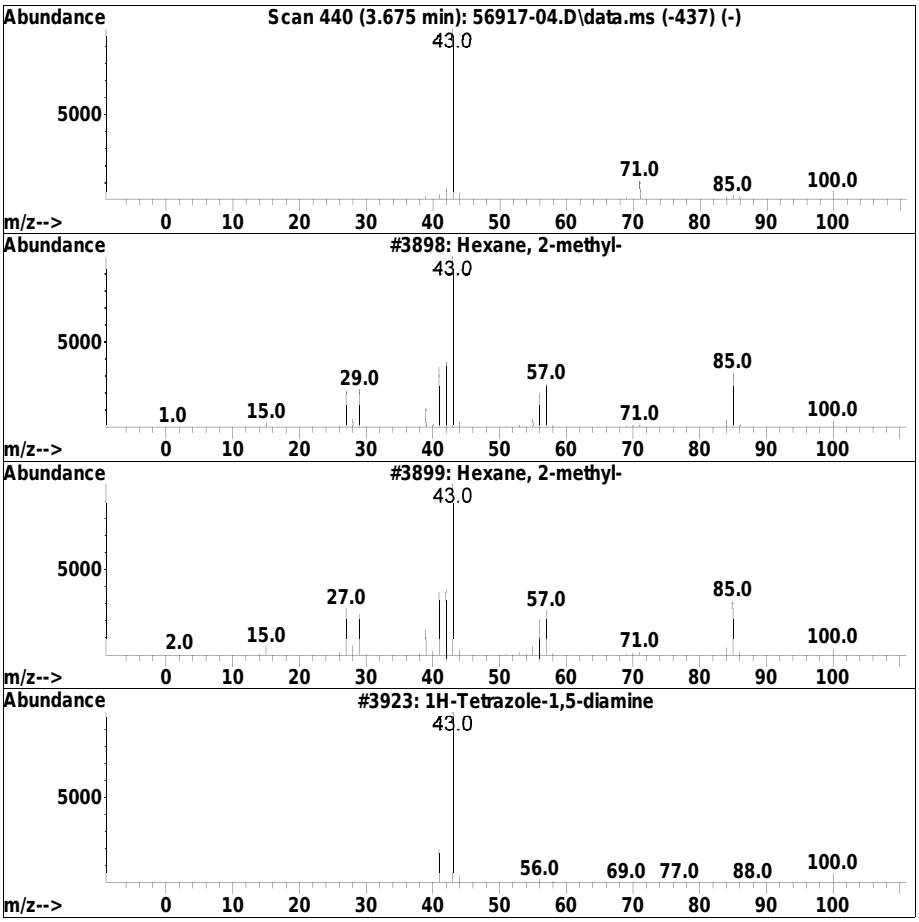
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

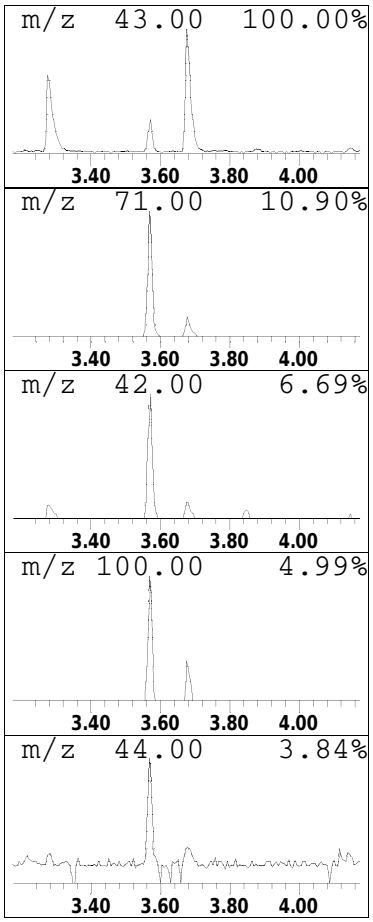
****

Peak Number 4 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.675	0.48 ug/ml	15463	IS2_1,4-Dichlorobenzene-d4	3.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	5
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	4
3	1H-Tetrazole-1,5-diamine	100	CH4N6	002165-21-1	4
4	Heptane	100	C7H16	000142-82-5	4
5	Heptane	100	C7H16	000142-82-5	4





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

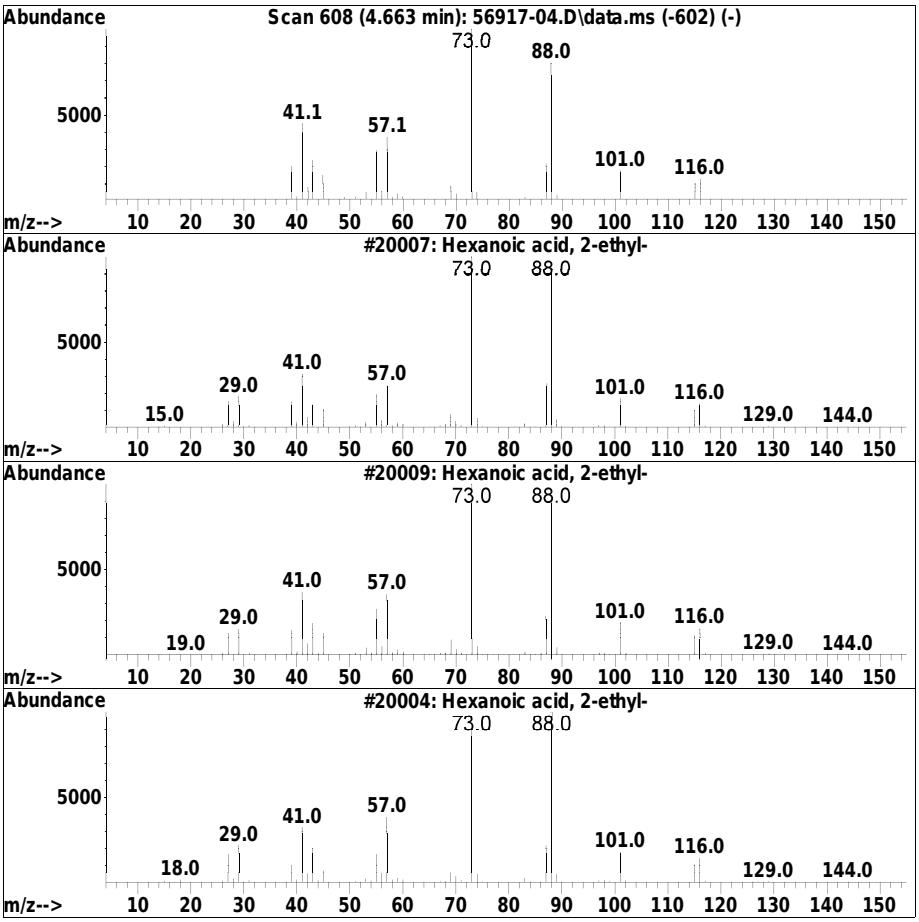
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

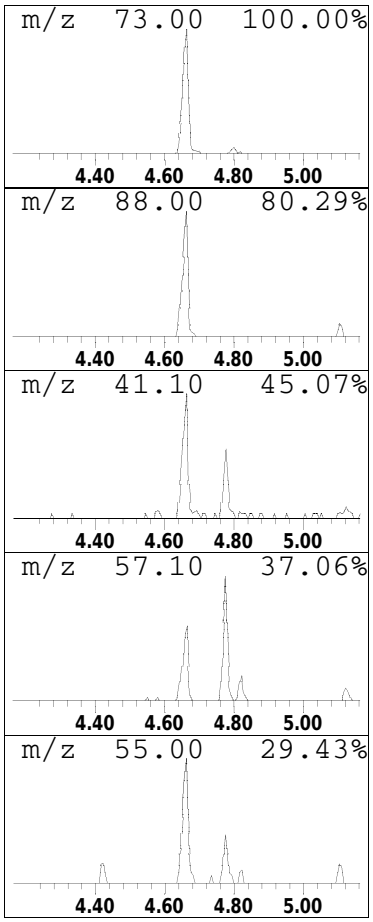
****

Peak Number 5 Unknown Organic Acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.663	0.98 ug/ml	43324	IS1_Naphthalene-d8	5.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
5	1,4-Dioxane	88	C4H8O2	000123-91-1	43





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

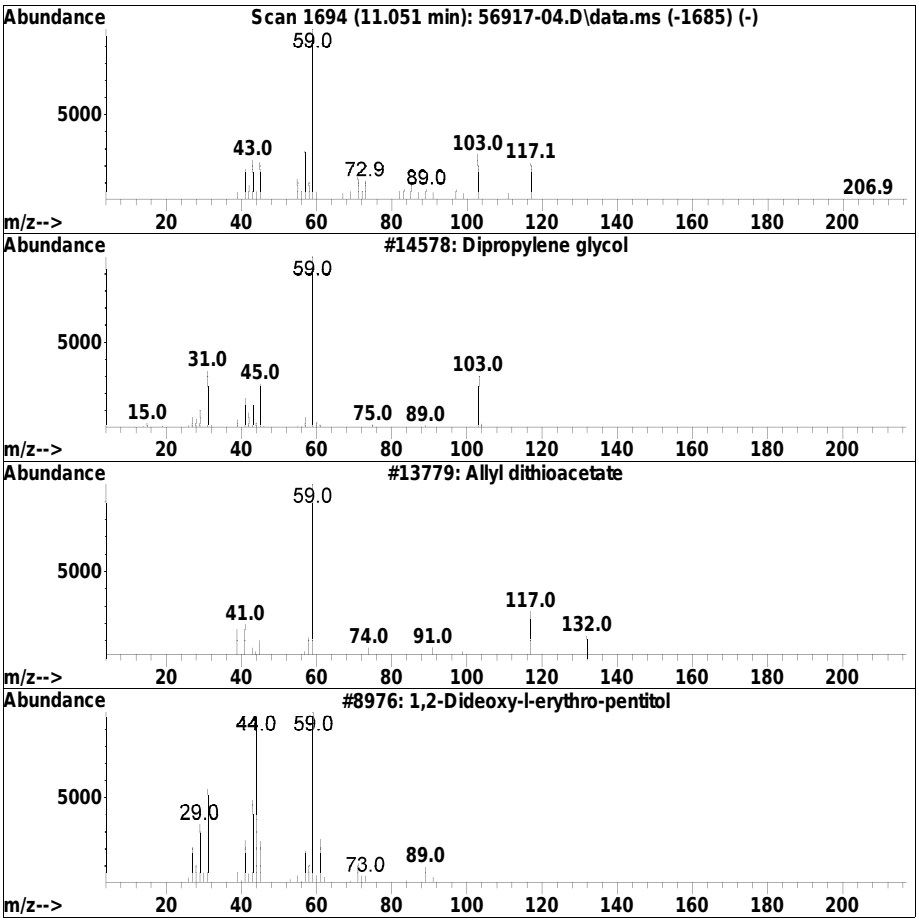
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

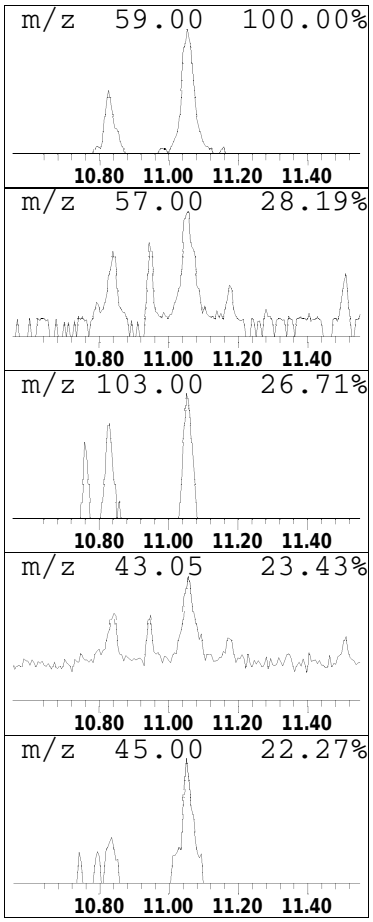
****

Peak Number 6 Unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.051	0.61 ug/ml	37052	IS1_Chrysene-d12	10.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dipropylene glycol	134	C6H14O3	025265-71-8	50
2	Allyl dithioacetate	132	C5H8S2	027249-83-8	47
3	1,2-Dideoxy-l-erythro-pentitol	120	C5H12O3	1000112-47-4	47
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	42
5	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	42





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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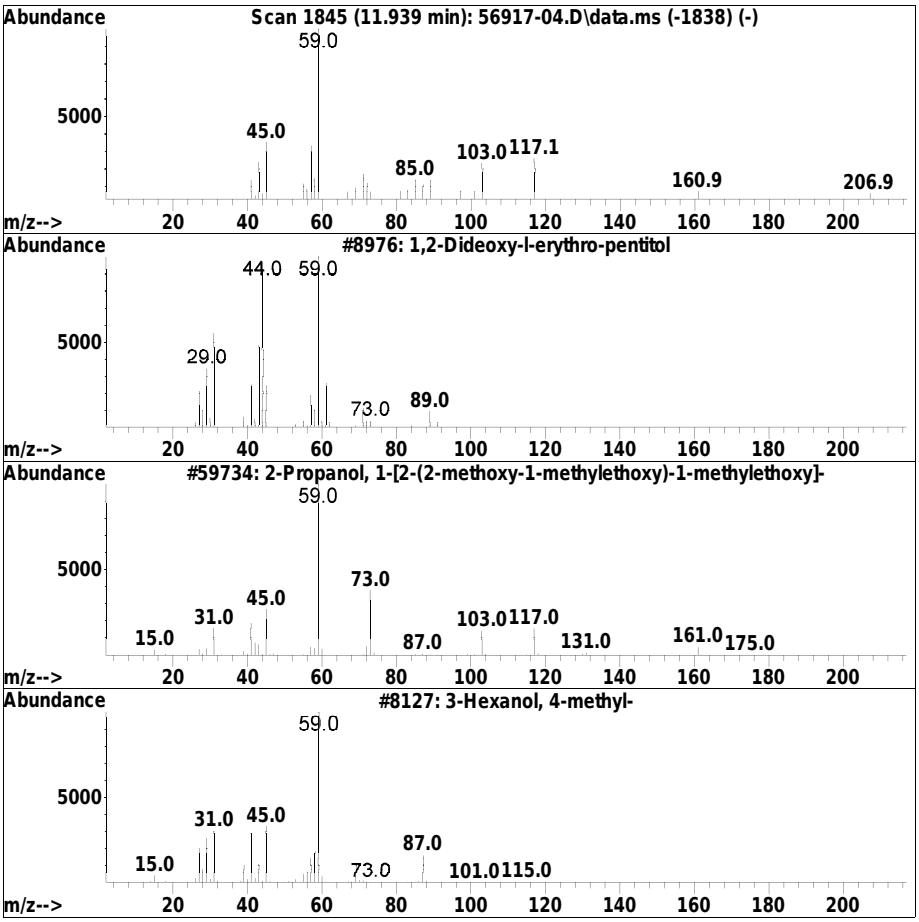
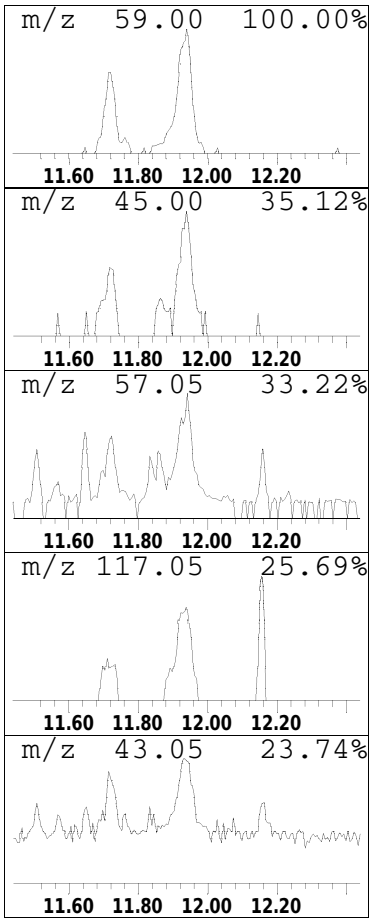
Peak Number 7 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	0.49 ug/ml	30135	IS1_Perylene-d12	12.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dideoxy-1-erythro-pentitol	120	C5H12O3	1000112-47-4	47
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	37
4	Propanoic acid, 3-ethoxy-, ethyl...	146	C7H14O3	000763-69-9	36
5	Propanoic acid, 3-ethoxy-, ethyl...	146	C7H14O3	000763-69-9	36





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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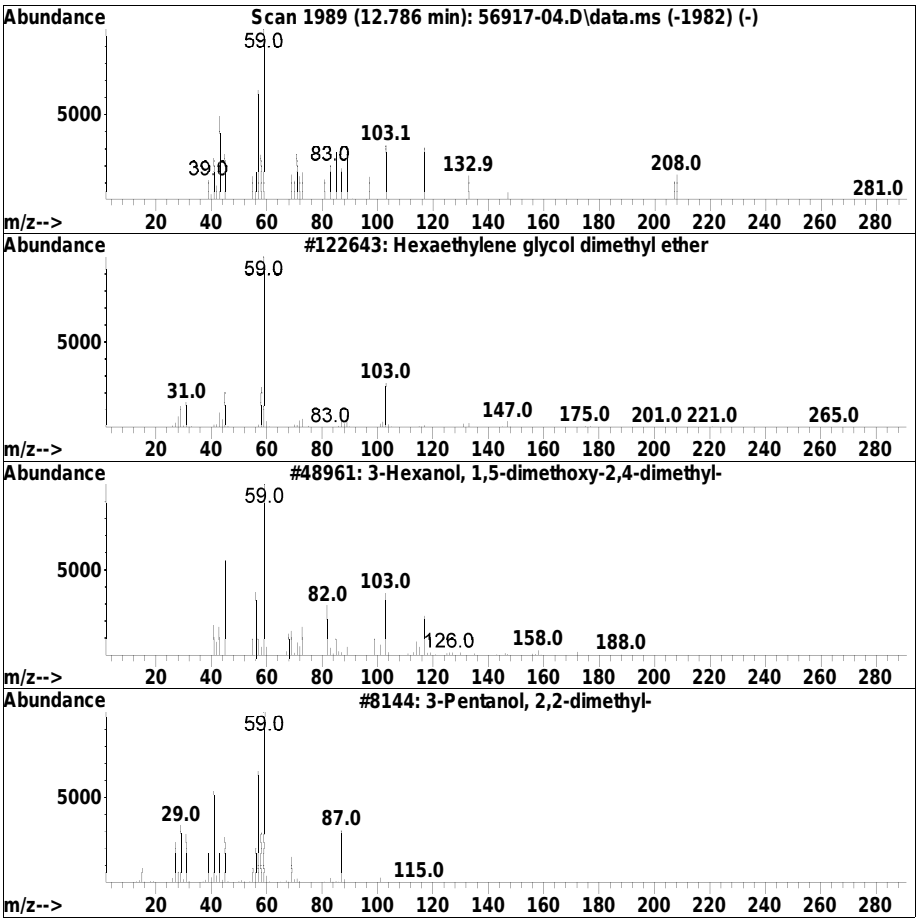
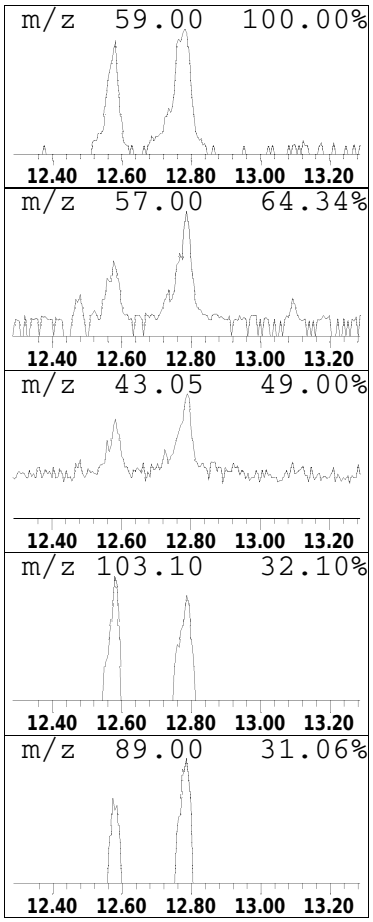
Peak Number 8 Unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	0.55 ug/ml	34052	IS1_Perylene-d12	12.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	32
2	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	28
3	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	27
4	Butanoic acid, 4-ethoxy-, methyl...	146	C7H14O3	029006-04-0	25
5	Disilane, 1,1,2-trimethyl-	104	C3H12Si2	000814-74-4	23





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-04.D
Acq On : 28 Dec 2020 4:06 am
Operator : SV124:jg
Sample : L2056917-04,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 10 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.622	0.6	ug/ml	20008	1	3.846	128976	4.0
Unknown	3.275	0.6	ug/ml	19159	1	3.846	128976	4.0
Unknown	3.675	0.5	ug/ml	15463	1	3.846	128976	4.0
Unknown Organic...	4.663	1.0	ug/ml	43324	4	5.104	176516	4.0
Unknown	11.051	0.6	ug/ml	37052	12	10.763	243416	4.0
Unknown	11.939	0.5	ug/ml	30135	13	12.157	247417	4.0
Unknown	12.786	0.6	ug/ml	34052	13	12.157	247417	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-05.D
Acq On : 28 Dec 2020 4:29 am
Operator : SV124:jg
Sample : L2056917-05,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 29 19:32:07 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:50:23 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.846	150	35405	4.000	ug/ml	0.00
Standard Area 1 = 40257			Recovery = 87.95%			
27) IS2_1,4-Dichlorobenzen...	3.846	150	35405	4.000	ug/ml	0.00
Standard Area 3 = 36729			Recovery = 96.40%			
34) IS1_Naphthalene-d8	5.104	136	88424	4.000	ug/ml	0.00
Standard Area 1 = 95766			Recovery = 92.33%			
54) IS2_Naphthalene-d8	5.104	136	88424	4.000	ug/ml	0.00
Standard Area 3 = 91344			Recovery = 96.80%			
62) IS1_Acenaphthene-d10	6.804	164	48609	4.000	ug/ml	0.00
Standard Area 1 = 52020			Recovery = 93.44%			
85) IS3_Acenaphthene-d10	6.804	164	48609	4.000	ug/ml	0.00
Standard Area 2 = 50610			Recovery = 96.05%			
87) IS1_Phenanthrene-d10	8.210	188	100691	4.000	ug/ml	0.00
Standard Area 1 = 106942			Recovery = 94.15%			
103) IS1_Chrysene-d12	10.763	240	92176	4.000	ug/ml	0.00
Standard Area 1 = 106272			Recovery = 86.74%			
112) IS1_Perylene-d12	12.157	264	92418	4.000	ug/ml	0.00
Standard Area 1 = 105931			Recovery = 87.24%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.499	112	16396	2.956	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 59.12%			
7) Phenol-d6	3.569	99	20082	2.762	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 55.24%			
19) Nitrobenzene-d5	4.422	82	12279	1.875	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 75.00%			
45) 2-Fluorobiphenyl	6.192	172	30120	1.676	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 67.04%			
78) 2,4,6-Tribromophenol	7.563	330	5538	1.923	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 38.46%			
95) 4-Terphenyl-d14	9.798	244	44683	1.950	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 78.00%			
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-05.D
Acq On : 28 Dec 2020 4:29 am
Operator : SV124:jg
Sample : L2056917-05,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 29 19:32:07 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:50:23 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0		N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0		N.D.	
20) Nitrobenzene	0.000		0		N.D.	
21) Isophorone	0.000		0		N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0		N.D.	
28) Benzaldehyde	0.000		0		N.D.	
29) Acetophenone	0.000		0		N.D.	
35) Naphthalene	0.000		0		N.D.	
37) 4-Chloroaniline	0.000		0		N.D.	
40) 2-Methylnaphthalene	0.000		0		N.D.	
42) Hexachlorocyclopentadiene	0.000		0		N.D.	
46) 2-Chloronaphthalene	0.000		0		N.D.	
47) 2-Nitroaniline	0.000		0		N.D.	
50) Dimethyl phthalate	0.000		0		N.D.	
51) Acenaphthylene	0.000		0		N.D.	
52) 2,6-Dinitrotoluene	0.000		0		N.D.	
59) Caprolactam	0.000		0		N.D.	
60) 1,2,4,5-Tetrachloroben...	0.000		0		N.D.	
61) Biphenyl	0.000		0		N.D.	
63) 3-Nitroaniline	0.000		0		N.D.	
64) Acenaphthene	0.000		0		N.D.	
66) Dibenzofuran	0.000		0		N.D.	
67) 2,4-Dinitrotoluene	0.000		0		N.D.	
71) Diethyl phthalate	0.000		0		N.D.	
72) Fluorene	0.000		0		N.D.	
73) 4-Chlorophenyl phenyl ...	0.000		0		N.D.	
74) 4-Nitroaniline	0.000		0		N.D.	
76) NDPA/DPA	0.000		0		N.D.	
79) 4-Bromophenyl phenyl e...	0.000		0		N.D.	
86) Atrazine	0.000		0		N.D.	
88) Phenanthrene	0.000		0		N.D.	
89) Anthracene	0.000		0		N.D.	
90) Carbazole	0.000		0		N.D.	
91) Di-n-butylphthalate	0.000		0		N.D.	
92) Fluoranthene	0.000		0		N.D.	
94) Pyrene	0.000		0		N.D.	
96) Butyl benzyl phthalate	0.000		0		N.D.	

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-05.D
Acq On : 28 Dec 2020 4:29 am
Operator : SV124:jg
Sample : L2056917-05,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 29 19:32:07 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:50:23 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
106) Chrysene	0.000		0	N.D.		
107) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108) Di-n-octylphthalate	0.000		0	N.D.	d	
115) Benzo(ghi)perylene	0.000		0	N.D.		

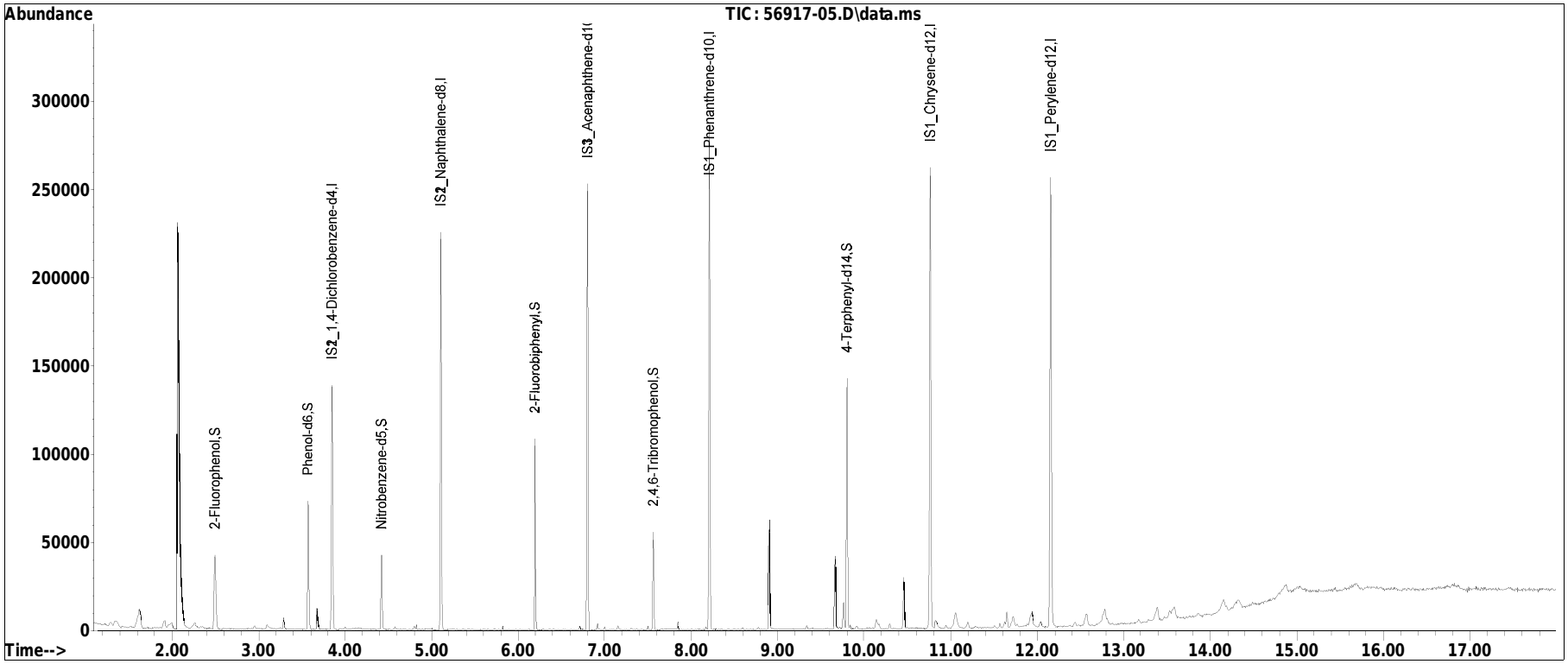
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-05.D
Acq On : 28 Dec 2020 4:29 am
Operator : SV124:jg
Sample : L2056917-05,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 29 19:32:07 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:50:23 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional91227n.D•



Manual Integration Report

Data Path	: I:\8270\SV124\201227naLVI\	QMethod	: FS201203SV124.m
Data File	: 56917-05.D	Operator	: SV124:jg
Date Inj'd	: 12/28/2020 4:29 am	Instrument	: SV124
Sample	: L2056917-05,32,,JRW,	Quant Date	: 12/28/2020 9:50 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-05.D
Acq On : 28 Dec 2020 4:29 am
Operator : SV124:jg
Sample : L2056917-05,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 56917-05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.622	80	91	100	rBV6	10463	32085	7.82%	1.291%
2	1.916	135	141	146	rBV3	4094	7869	1.92%	0.317%
3	1.999	153	155	161	rVB2	3187	4340	1.06%	0.175%
4	2.063	164	166	184	rBV	230319	410147	100.00%	16.497%
5	2.269	190	201	210	rBV3	2907	8825	2.15%	0.355%
6	2.499	236	240	248	rVB	41914	56338	13.74%	2.266%
7	3.287	371	374	383	rBV	6297	7581	1.85%	0.305%
8	3.569	419	422	428	rBV	72711	59811	14.58%	2.406%
9	3.675	438	440	447	rVB	11484	11947	2.91%	0.481%
10	3.846	465	469	474	rBV	138378	133321	32.51%	5.362%
11	4.422	564	567	572	rBV	42036	36686	8.94%	1.476%
12	5.104	680	683	687	rBV	225170	180714	44.06%	7.269%
13	6.192	865	868	872	rBV	108310	87526	21.34%	3.520%
14	6.804	968	972	975	rBB	252739	214353	52.26%	8.622%
15	7.563	1098	1101	1104	rVB	55338	43034	10.49%	1.731%
16	8.210	1208	1211	1215	rBV	285831	244200	59.54%	9.822%
17	8.904	1325	1329	1332	rBV	61993	52103	12.70%	2.096%
18	9.669	1455	1459	1465	rBV	41400	37820	9.22%	1.521%
19	9.763	1471	1475	1478	rBV	14833	14473	3.53%	0.582%
20	9.798	1478	1481	1484	rVV	141236	121675	29.67%	4.894%
21	10.145	1535	1540	1544	rBV2	5063	8437	2.06%	0.339%
22	10.457	1589	1593	1598	rBV2	28989	29732	7.25%	1.196%
23	10.763	1638	1645	1649	rBV	261142	262610	64.03%	10.563%
24	10.822	1652	1655	1664	rVB4	4251	8563	2.09%	0.344%
25	11.057	1685	1695	1706	rBV2	8629	22387	5.46%	0.900%
26	11.192	1712	1718	1725	rVB6	3551	5449	1.33%	0.219%
27	11.622	1786	1791	1793	rBV	3508	4811	1.17%	0.194%
28	11.645	1793	1795	1799	rVB	8540	8142	1.99%	0.327%

LSC Area Percent Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-05.D
Acq On : 28 Dec 2020 4:29 am
Operator : SV124:jg
Sample : L2056917-05,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

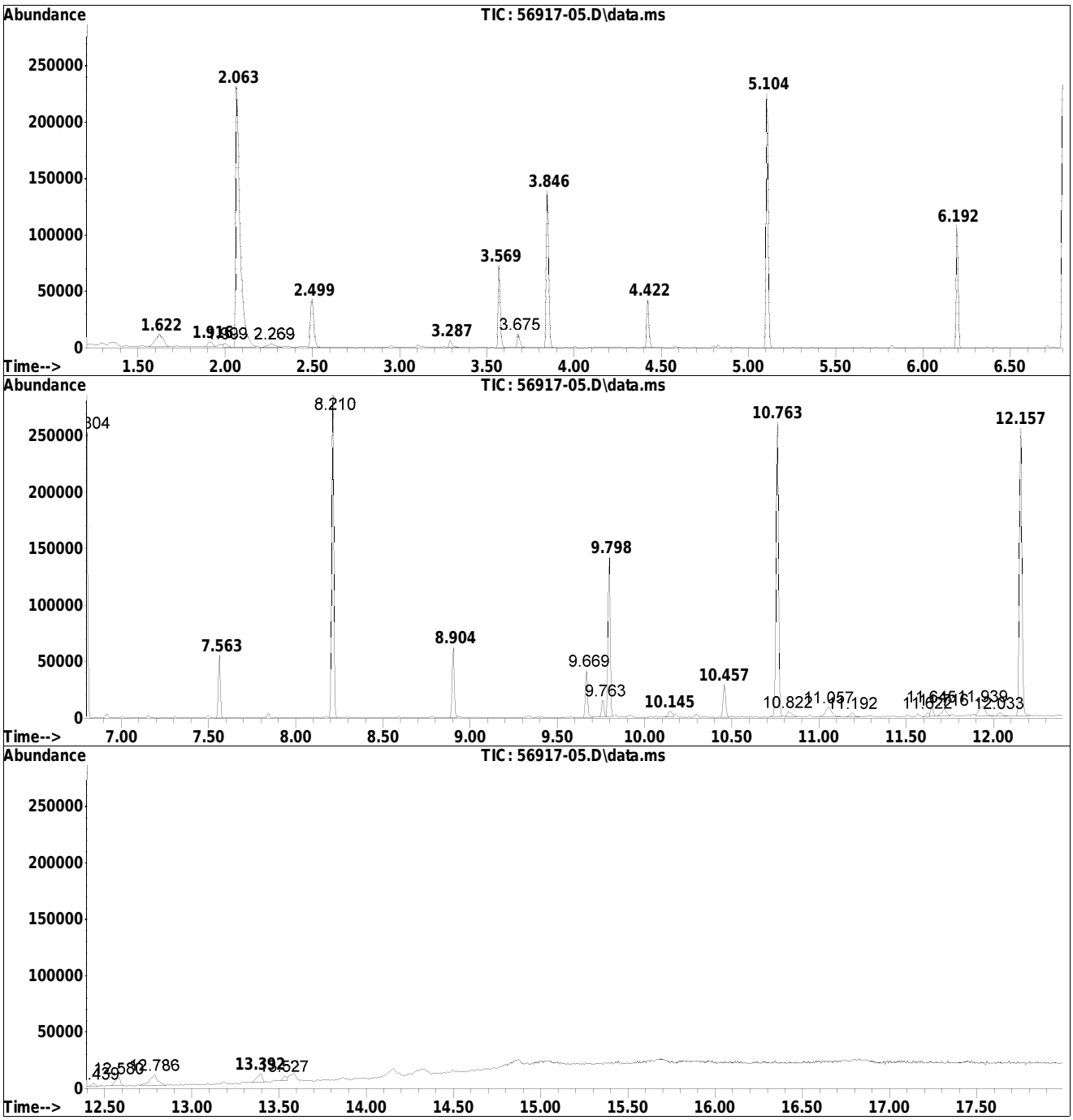
29	11.716	1800	1807	1813	rBV2	5964	13179	3.21%	0.530%
30	11.939	1838	1845	1856	rVB3	9109	23652	5.77%	0.951%
31	12.033	1858	1861	1869	rVV7	2918	5175	1.26%	0.208%
32	12.157	1877	1882	1891	rBV	254559	262662	64.04%	10.565%
33	12.439	1925	1930	1933	rBV3	2537	4357	1.06%	0.175%
34	12.580	1946	1954	1958	rBV3	6302	13241	3.23%	0.533%
35	12.786	1974	1989	2000	rBV4	8853	28307	6.90%	1.139%
36	13.392	2084	2092	2096	rVB4	6998	14423	3.52%	0.580%
37	13.527	2111	2115	2118	rBV5	3890	6232	1.52%	0.251%

Sum of corrected areas: 2486207

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-05.D
Acq On : 28 Dec 2020 4:29 am
Operator : SV124:jg
Sample : L2056917-05,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-05.D
Acq On : 28 Dec 2020 4:29 am
Operator : SV124:jg
Sample : L2056917-05,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

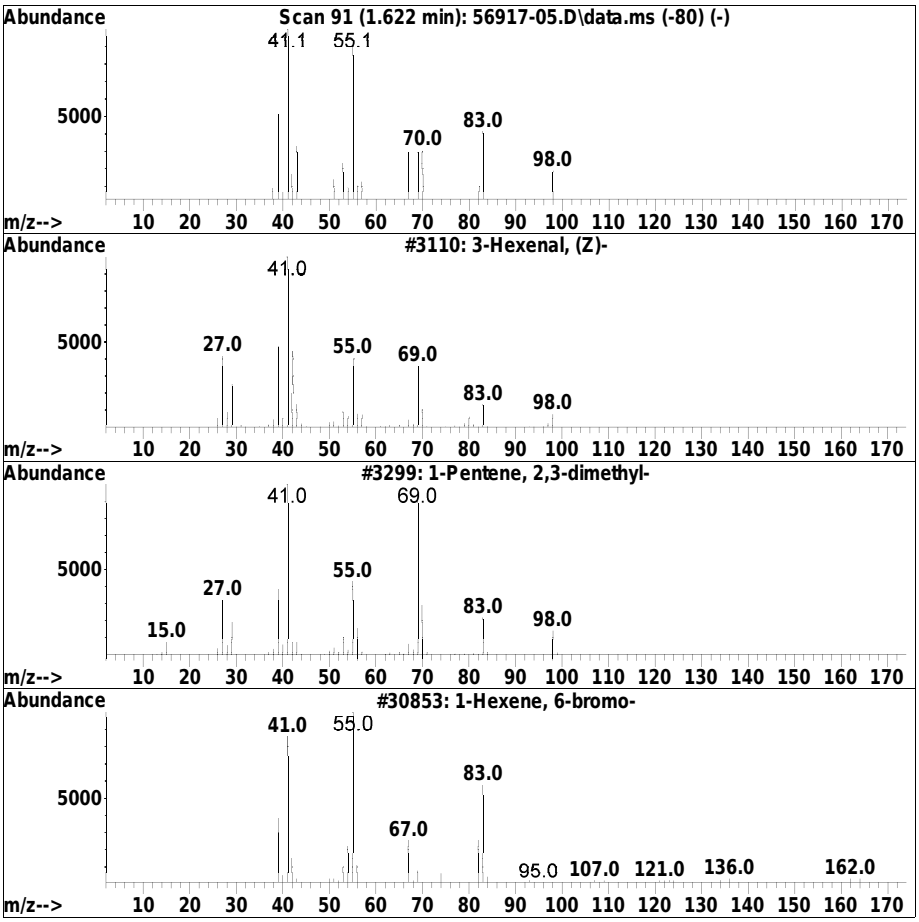
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

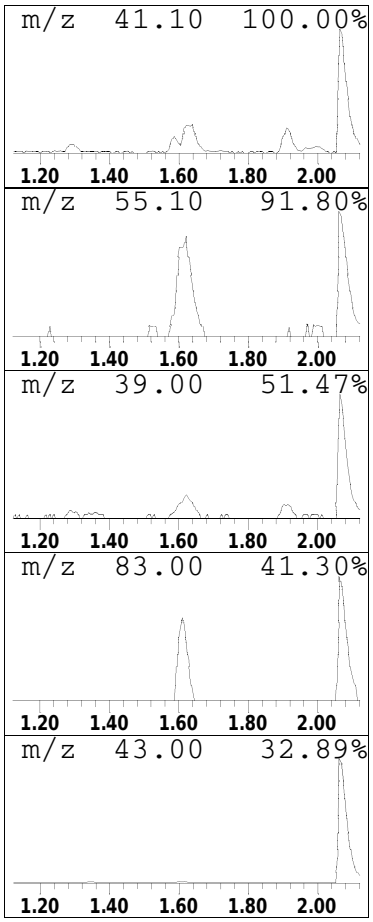
****

Peak Number 1 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.622	0.96 ug/ml	32085	IS2_1,4-Dichlorobenzene-d4	3.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexenal, (Z)-	98	C6H10O	006789-80-6	47
2	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	43
3	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	42
4	2-Hexyn-1-ol	98	C6H10O	000764-60-3	42
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	40





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-05.D
Acq On : 28 Dec 2020 4:29 am
Operator : SV124:jg
Sample : L2056917-05,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

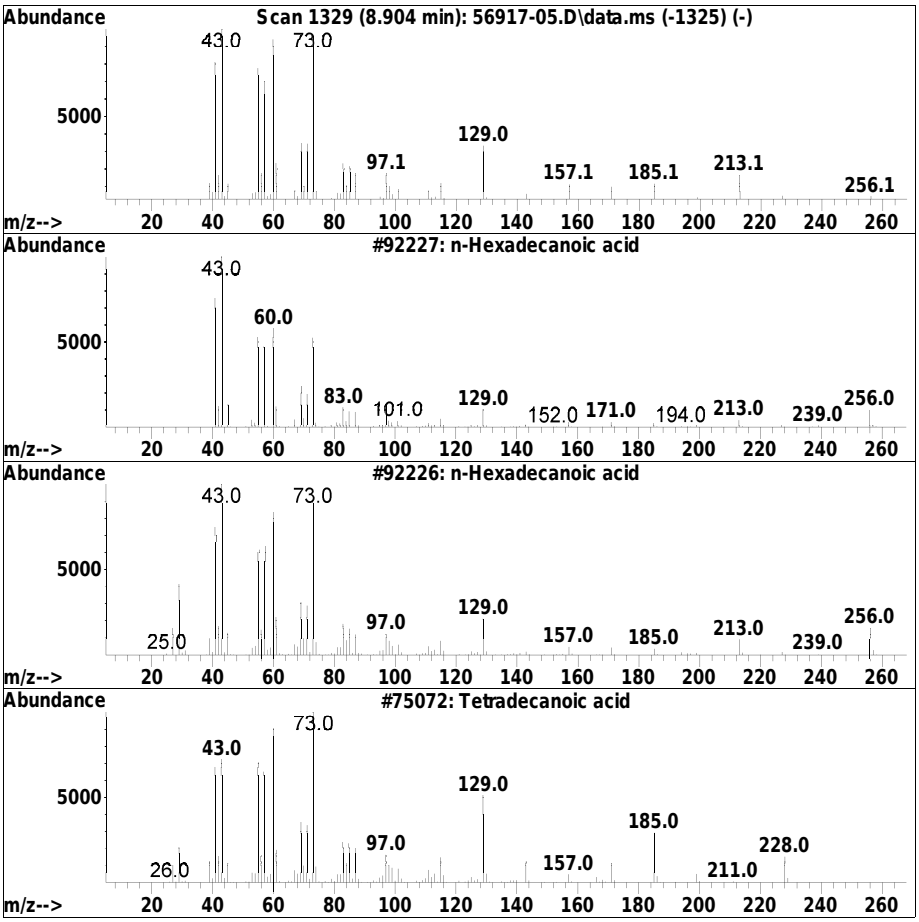
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

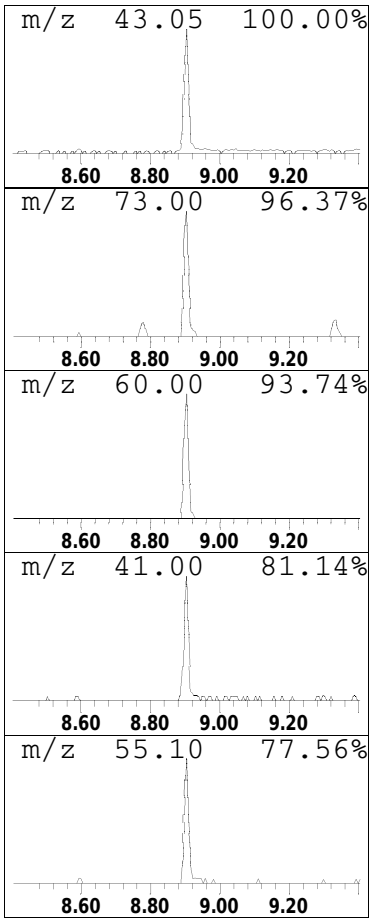
****

Peak Number 3 Unknown Organic Acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.904	0.85 ug/ml	52103	IS3_Phenanthrene-d10	8.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-05.D
Acq On : 28 Dec 2020 4:29 am
Operator : SV124:jg
Sample : L2056917-05,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

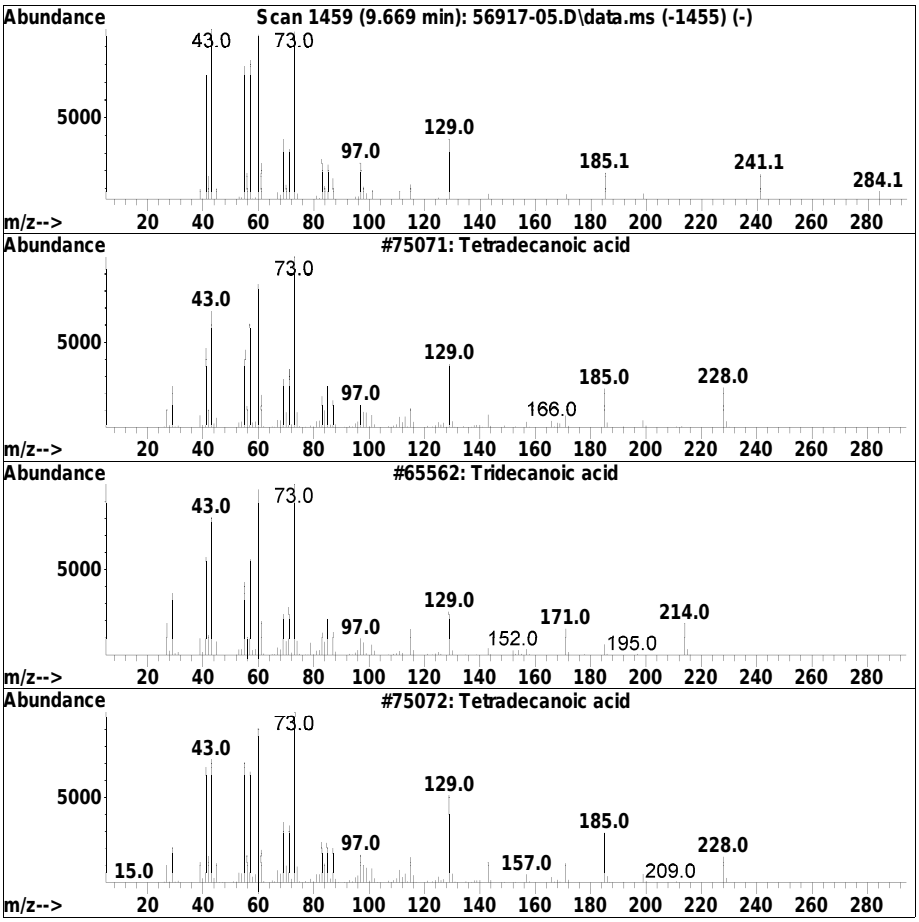
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

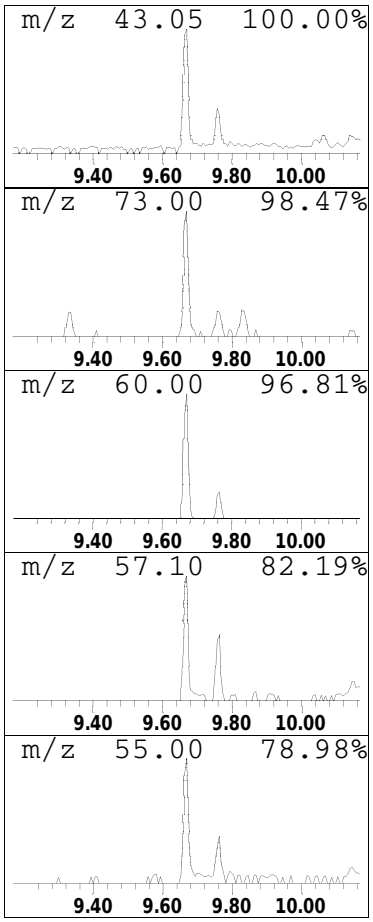
****

Peak Number 4 Unknown Organic Acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	0.58 ug/ml	37820	IS1_Chrysene-d12	10.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-05.D
Acq On : 28 Dec 2020 4:29 am
Operator : SV124:jg
Sample : L2056917-05,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

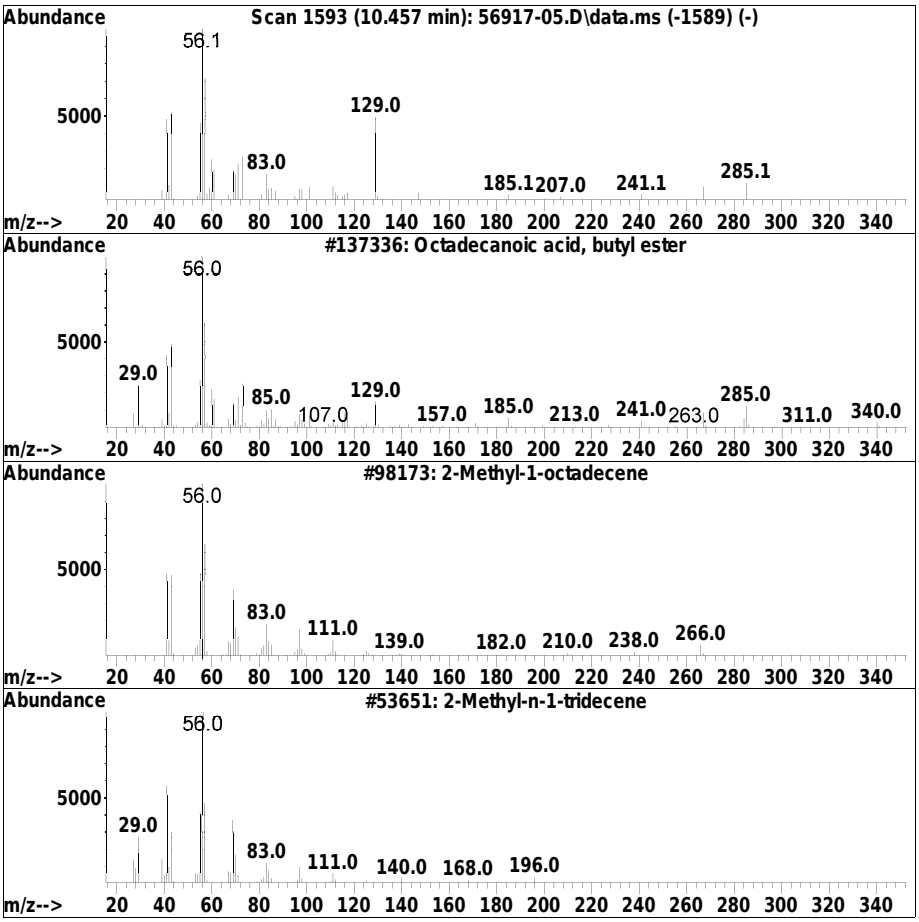
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

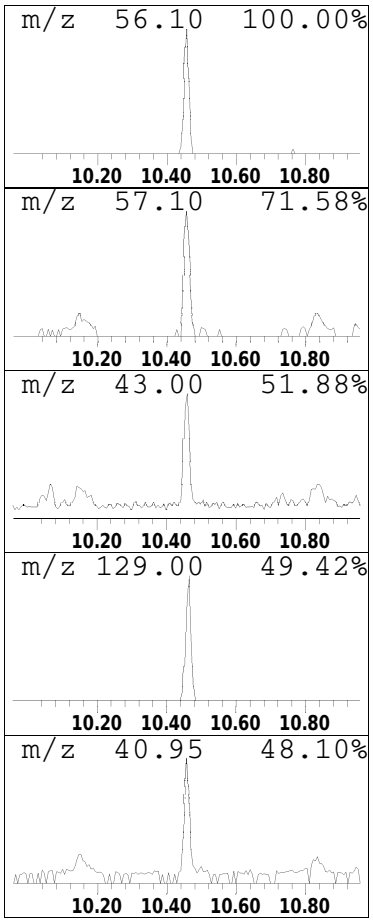
****

Peak Number 5 Unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	0.45 ug/ml	29732	IS1_Chrysene-d12	10.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	64
2	2-Methyl-1-octadecene	266	C19H38	061868-20-0	27
3	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	27
4	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	25
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	25





Library Search Compound Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-05.D
Acq On : 28 Dec 2020 4:29 am
Operator : SV124:jg
Sample : L2056917-05,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

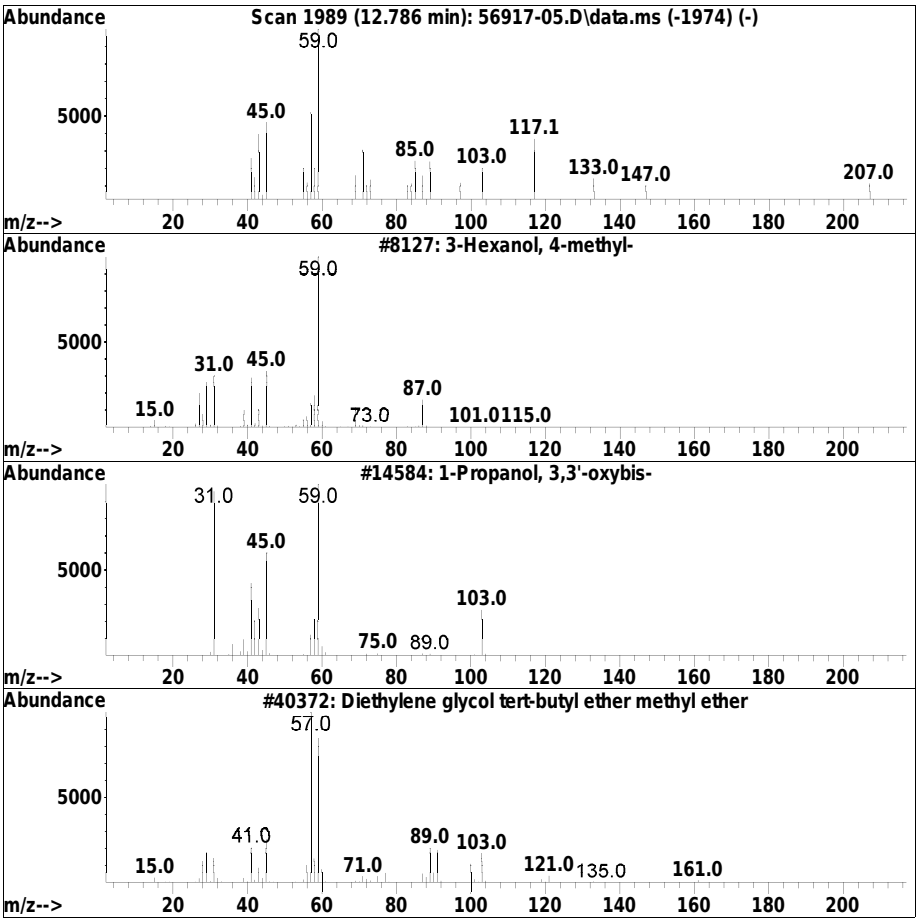
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

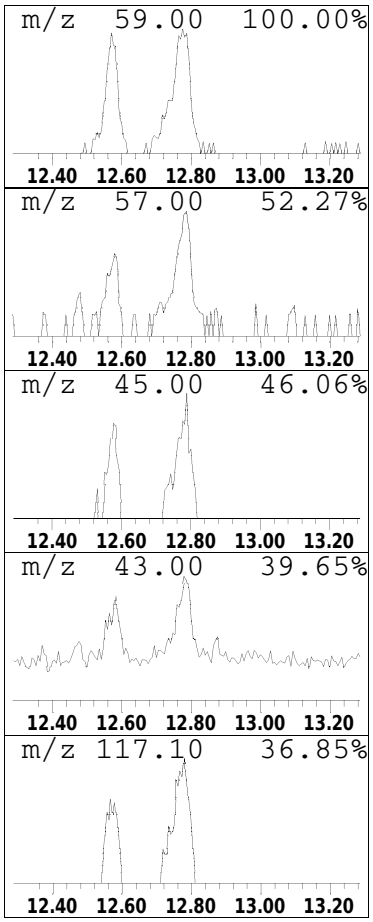
****

Peak Number 6 Unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	0.43 ug/ml	28307	IS1_Perylene-d12	12.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	38
2	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	38
3	Diethylene glycol tert-butyl eth...	176	C9H20O3	052788-79-1	37
4	Diethylene glycol tert-butyl eth...	176	C9H20O3	052788-79-1	33
5	Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	14





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-05.D
Acq On : 28 Dec 2020 4:29 am
Operator : SV124:jg
Sample : L2056917-05,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 11 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.622	1.0	ug/ml	32085	1	3.846	133321	4.0
Unknown Organic...	8.904	0.9	ug/ml	52103	11	8.210	244200	4.0
Unknown Organic...	9.669	0.6	ug/ml	37820	12	10.763	262610	4.0
Unknown	10.457	0.5	ug/ml	29732	12	10.763	262610	4.0
Unknown	12.786	0.4	ug/ml	28307	13	12.157	262662	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 29 19:32:38 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:51:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.846	150	35388	4.000	ug/ml	0.00
Standard Area 1 = 40257			Recovery = 87.91%			
27) IS2_1,4-Dichlorobenzen...	3.846	150	35388	4.000	ug/ml	0.00
Standard Area 3 = 36729			Recovery = 96.35%			
34) IS1_Naphthalene-d8	5.104	136	88376	4.000	ug/ml	0.00
Standard Area 1 = 95766			Recovery = 92.28%			
54) IS2_Naphthalene-d8	5.104	136	88376	4.000	ug/ml	0.00
Standard Area 3 = 91344			Recovery = 96.75%			
62) IS1_Acenaphthene-d10	6.804	164	48915	4.000	ug/ml	0.00
Standard Area 1 = 52020			Recovery = 94.03%			
85) IS3_Acenaphthene-d10	6.804	164	48915	4.000	ug/ml	0.00
Standard Area 2 = 50610			Recovery = 96.65%			
87) IS1_Phenanthrene-d10	8.210	188	100675	4.000	ug/ml	0.00
Standard Area 1 = 106942			Recovery = 94.14%			
103) IS1_Chrysene-d12	10.763	240	93341	4.000	ug/ml	0.00
Standard Area 1 = 106272			Recovery = 87.83%			
112) IS1_Perylene-d12	12.157	264	92021	4.000	ug/ml	0.00
Standard Area 1 = 105931			Recovery = 86.87%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.499	112	14181	2.558	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 51.16%			
7) Phenol-d6	3.569	99	16981	2.337	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 46.74%			
19) Nitrobenzene-d5	4.422	82	11598	1.772	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 70.88%			
45) 2-Fluorobiphenyl	6.193	172	26700	1.486	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 59.44%			
78) 2,4,6-Tribromophenol	7.563	330	6377	2.200	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 44.00%			
95) 4-Terphenyl-d14	9.798	244	38832	1.695	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 67.80%			
Target Compounds						Qvalue
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 29 19:32:38 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:51:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
16) Hexachloroethane	0.000		0		N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0		N.D.	
20) Nitrobenzene	0.000		0		N.D.	
21) Isophorone	0.000		0		N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0		N.D.	
28) Benzaldehyde	0.000		0		N.D.	
29) Acetophenone	0.000		0		N.D.	
35) Naphthalene	0.000		0		N.D.	
37) 4-Chloroaniline	0.000		0		N.D.	
40) 2-Methylnaphthalene	0.000		0		N.D.	
42) Hexachlorocyclopentadiene	0.000		0		N.D.	
46) 2-Chloronaphthalene	0.000		0		N.D.	
47) 2-Nitroaniline	0.000		0		N.D.	
50) Dimethyl phthalate	0.000		0		N.D.	
51) Acenaphthylene	0.000		0		N.D.	
52) 2,6-Dinitrotoluene	0.000		0		N.D.	
59) Caprolactam	0.000		0		N.D.	d
60) 1,2,4,5-Tetrachloroben...	0.000		0		N.D.	
61) Biphenyl	0.000		0		N.D.	
63) 3-Nitroaniline	0.000		0		N.D.	
64) Acenaphthene	0.000		0		N.D.	
66) Dibenzofuran	0.000		0		N.D.	
67) 2,4-Dinitrotoluene	0.000		0		N.D.	
71) Diethyl phthalate	0.000		0		N.D.	
72) Fluorene	0.000		0		N.D.	
73) 4-Chlorophenyl phenyl ...	0.000		0		N.D.	
74) 4-Nitroaniline	0.000		0		N.D.	
76) NDPA/DPA	0.000		0		N.D.	
79) 4-Bromophenyl phenyl e...	0.000		0		N.D.	
86) Atrazine	0.000		0		N.D.	
88) Phenanthrene	0.000		0		N.D.	
89) Anthracene	0.000		0		N.D.	
90) Carbazole	0.000		0		N.D.	
91) Di-n-butylphthalate	0.000		0		N.D.	
92) Fluoranthene	0.000		0		N.D.	
94) Pyrene	0.000		0		N.D.	
96) Butyl benzyl phthalate	0.000		0		N.D.	

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 29 19:32:38 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:51:03 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : NJLiq_combo - NJTCL+7 Additional

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
106)	Chrysene	0.000		0	N.D.		
107)	Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108)	Di-n-octylphthalate	0.000		0	N.D.	d	
115)	Benzo(ghi)perylene	0.000		0	N.D.		

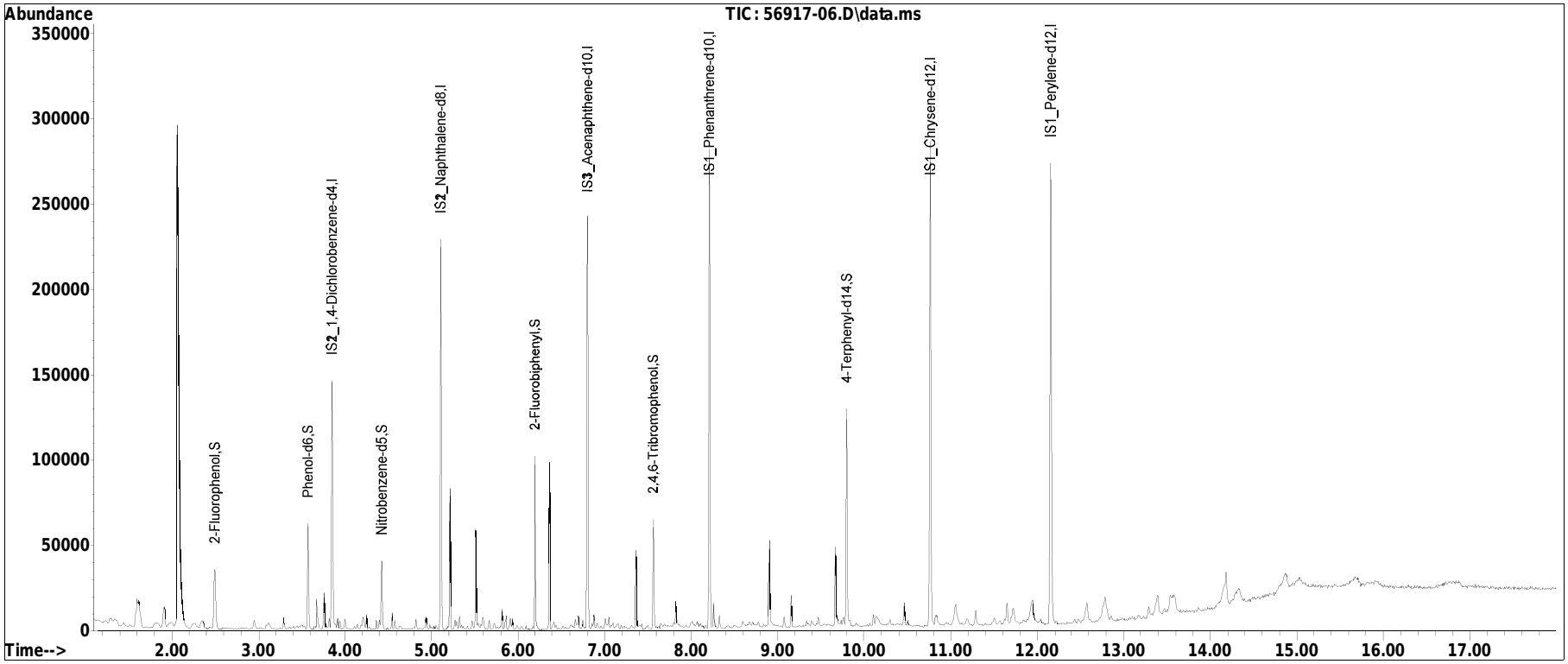
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 29 19:32:38 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:51:03 2020
Response via : Initial Calibration

Sub List : NJLiq_combo - NJTCL+7 Additional91227n.D•



Manual Integration Report

Data Path	: I:\8270\SV124\201227naLVI\	QMethod	: FS201203SV124.m
Data File	: 56917-06.D	Operator	: SV124:jg
Date Inj'd	: 12/28/2020 4:52 am	Instrument	: SV124
Sample	: L2056917-06,32,,JRW,	Quant Date	: 12/28/2020 9:51 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 56917-06.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.593	80	86	88	rBV3	16505	27209	5.22%	0.854%
2	1.910	133	140	146	rBV2	12013	23216	4.46%	0.729%
3	2.063	163	166	189	rVB	295020	520947	100.00%	16.350%
4	2.346	209	214	215	rBV3	4167	6350	1.22%	0.199%
5	2.499	235	240	247	rVB	34926	49649	9.53%	1.558%
6	2.946	313	316	322	rVB	4705	5934	1.14%	0.186%
7	3.116	343	345	353	rVB5	3426	5315	1.02%	0.167%
8	3.287	371	374	380	rBV	6549	7885	1.51%	0.247%
9	3.569	419	422	427	rVB	61867	51749	9.93%	1.624%
10	3.675	438	440	449	rVB	17543	19331	3.71%	0.607%
11	3.757	450	454	457	rVV	20837	21812	4.19%	0.685%
12	3.816	461	464	466	rVV	6321	5596	1.07%	0.176%
13	3.846	466	469	474	rVV	145384	144025	27.65%	4.520%
14	3.916	478	481	483	rVV	6199	6440	1.24%	0.202%
15	4.204	528	530	535	rVV2	6239	7449	1.43%	0.234%
16	4.246	535	537	540	rVB	8434	7270	1.40%	0.228%
17	4.422	564	567	574	rVB	39949	34086	6.54%	1.070%
18	4.546	582	588	591	rBV	9410	9525	1.83%	0.299%
19	4.940	652	655	659	rVB	6841	6707	1.29%	0.210%
20	5.104	680	683	687	rBV	228747	180376	34.62%	5.661%
21	5.216	699	702	706	rVB	82476	68299	13.11%	2.144%
22	5.322	718	720	722	rBV	7415	5492	1.05%	0.172%
23	5.510	747	752	755	rBV	57999	54186	10.40%	1.701%
24	5.593	764	766	771	rVB3	7105	8766	1.68%	0.275%
25	5.816	801	804	807	rVB2	11361	10113	1.94%	0.317%
26	5.863	807	812	816	rVB2	7784	9918	1.90%	0.311%
27	5.910	816	820	822	rBV	6352	5734	1.10%	0.180%
28	6.193	866	868	872	rBV	101113	78630	15.09%	2.468%

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

29	6.363	894	897	901	rVB	97452	77289	14.84%	2.426%
30	6.422	901	907	909	rBV2	4229	5836	1.12%	0.183%
31	6.692	950	953	957	rVB	7065	8053	1.55%	0.253%
32	6.798	968	971	975	rBV	241910	220888	42.40%	6.933%
33	6.881	982	985	989	rVB	8030	7278	1.40%	0.228%
34	7.004	1002	1006	1010	rBV2	5717	6737	1.29%	0.211%
35	7.045	1010	1013	1016	rVV	6703	6824	1.31%	0.214%
36	7.157	1024	1032	1034	rVB4	2943	5411	1.04%	0.170%
37	7.363	1064	1067	1070	rBV	45556	37528	7.20%	1.178%
38	7.563	1097	1101	1104	rBV	64037	51568	9.90%	1.618%
39	7.822	1143	1145	1147	rBV	13919	10484	2.01%	0.329%
40	8.210	1208	1211	1215	rBV	280841	246602	47.34%	7.740%
41	8.257	1215	1219	1223	rVV	14272	12993	2.49%	0.408%
42	8.334	1229	1232	1241	rVB	7694	7213	1.38%	0.226%
43	8.592	1270	1276	1282	rBV4	3538	5660	1.09%	0.178%
44	8.904	1325	1329	1337	rVB	49254	45314	8.70%	1.422%
45	9.075	1355	1358	1361	rBV	6355	6281	1.21%	0.197%
46	9.157	1368	1372	1375	rBV	18929	16342	3.14%	0.513%
47	9.669	1455	1459	1467	rBV	45563	43866	8.42%	1.377%
48	9.798	1478	1481	1486	rBV	126393	109258	20.97%	3.429%
49	10.110	1532	1534	1537	rBV2	6149	5488	1.05%	0.172%
50	10.145	1537	1540	1553	rVB3	5147	12529	2.41%	0.393%
51	10.463	1589	1594	1597	rBV2	13123	15408	2.96%	0.484%
52	10.763	1639	1645	1649	rBV	284119	271512	52.12%	8.521%
53	10.828	1652	1656	1667	rVB5	6115	14552	2.79%	0.457%
54	11.057	1686	1695	1703	rBV2	12030	29261	5.62%	0.918%
55	11.180	1712	1716	1722	rVB3	3603	6366	1.22%	0.200%
56	11.292	1729	1735	1742	rBV2	9114	12270	2.36%	0.385%
57	11.504	1764	1771	1776	rBV4	4376	8290	1.59%	0.260%
58	11.651	1792	1796	1800	rVB	11587	13031	2.50%	0.409%
59	11.716	1801	1807	1815	rVV4	8085	16394	3.15%	0.515%
60	11.939	1837	1845	1852	rVB4	12381	29997	5.76%	0.941%

LSC Area Percent Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

61	12.157	1878	1882	1889	rBV	269755	270994	52.02%	8.505%
62	12.580	1942	1954	1959	rBV2	11755	26800	5.14%	0.841%
63	12.786	1975	1989	1998	rBV5	14120	46115	8.85%	1.447%
64	13.292	2071	2075	2079	rBV6	6972	10325	1.98%	0.324%
65	13.392	2083	2092	2098	rVV3	12280	30282	5.81%	0.950%
66	13.533	2113	2116	2119	rBV4	7369	11016	2.11%	0.346%
67	14.180	2216	2226	2231	rVB4	18297	42172	8.10%	1.324%

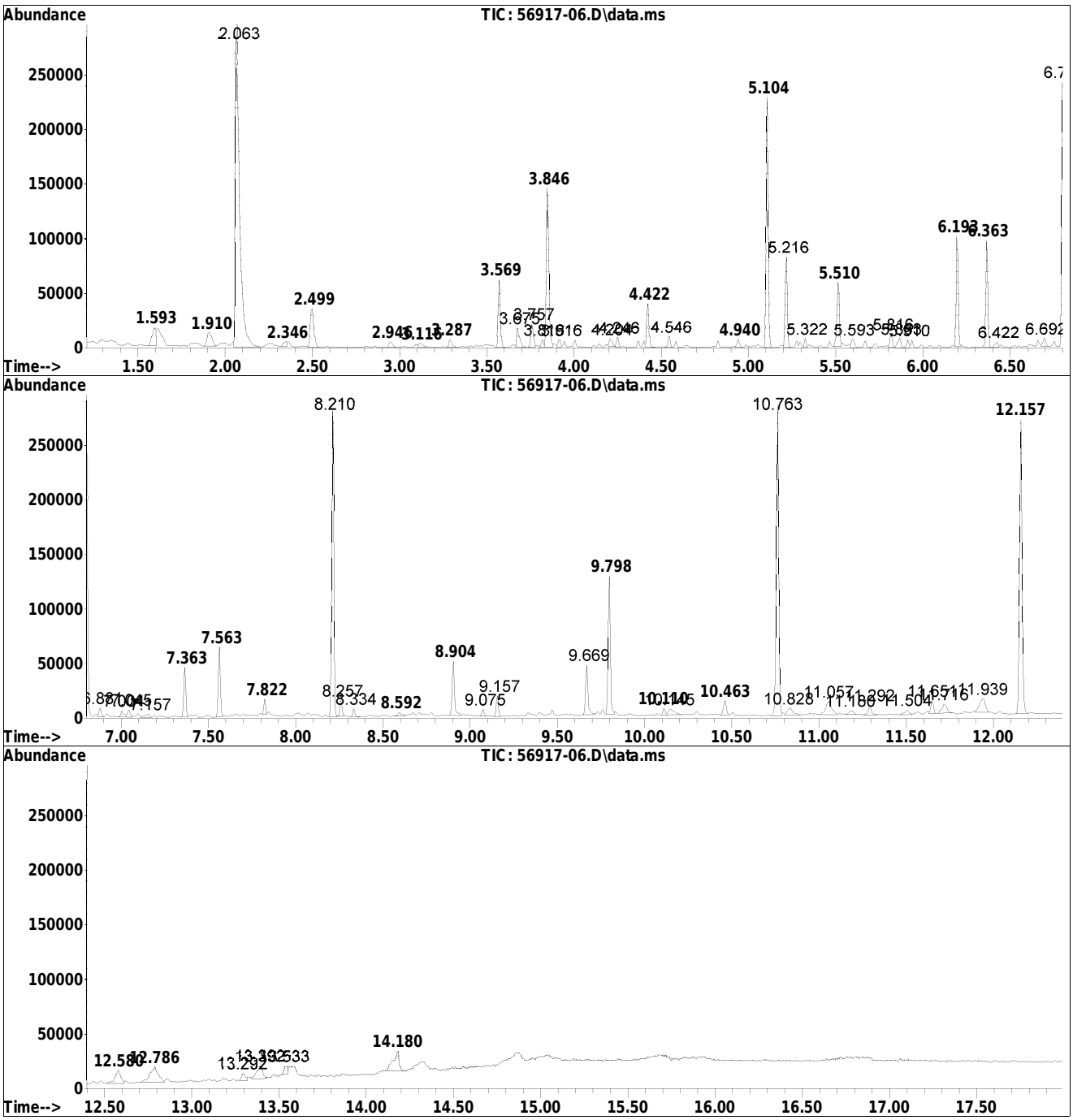
Sum of corrected areas: 3186236

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

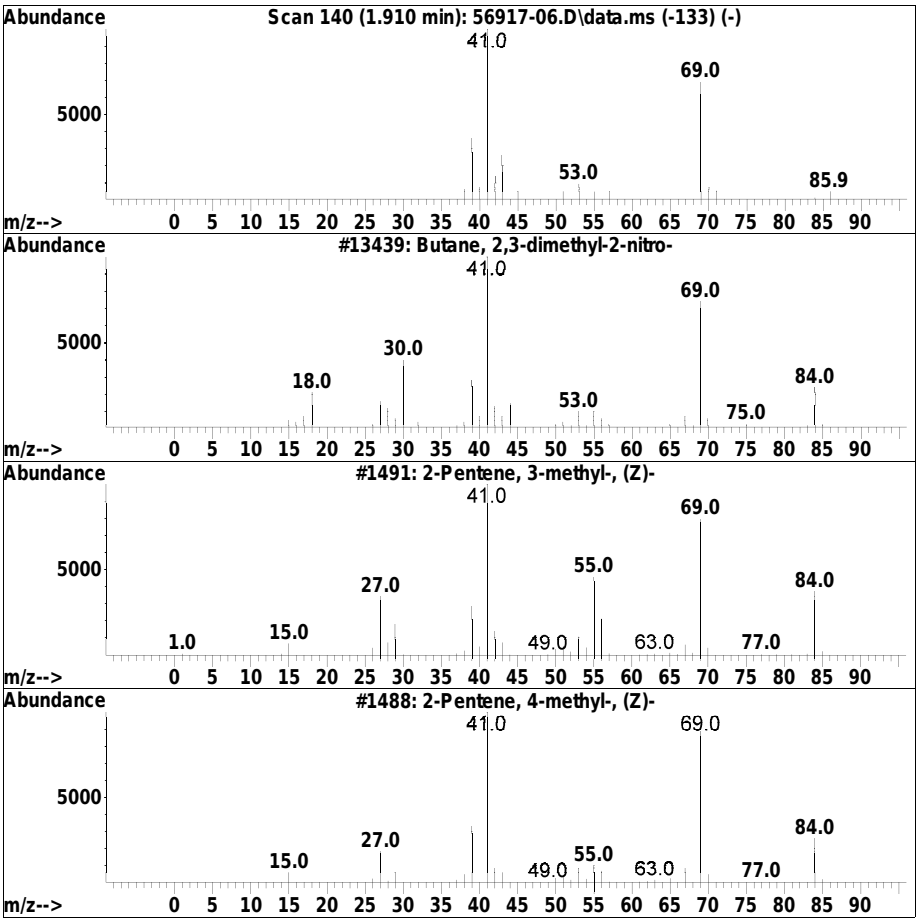
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

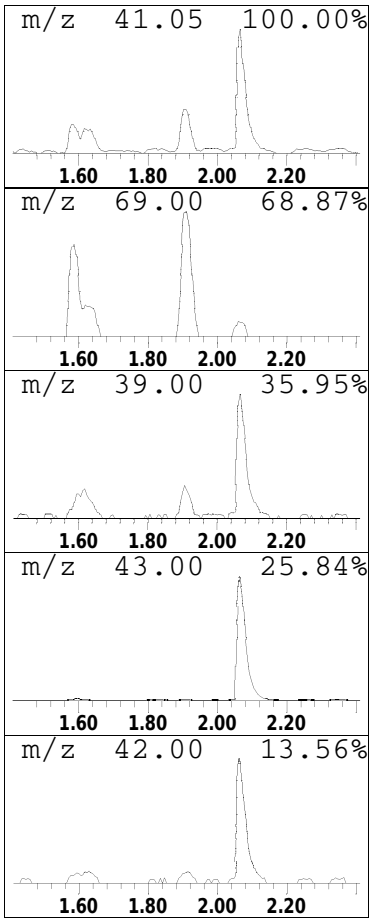
****

Peak Number 2 Unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.910	0.64 ug/ml	23216	IS2_1,4-Dichlorobenzene-d4	3.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	53
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	42
3	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	42
4	3-Methyl-3-nitrobut-1-ene	115	C5H9NO2	001809-67-2	38
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	36





Library Search Compound Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

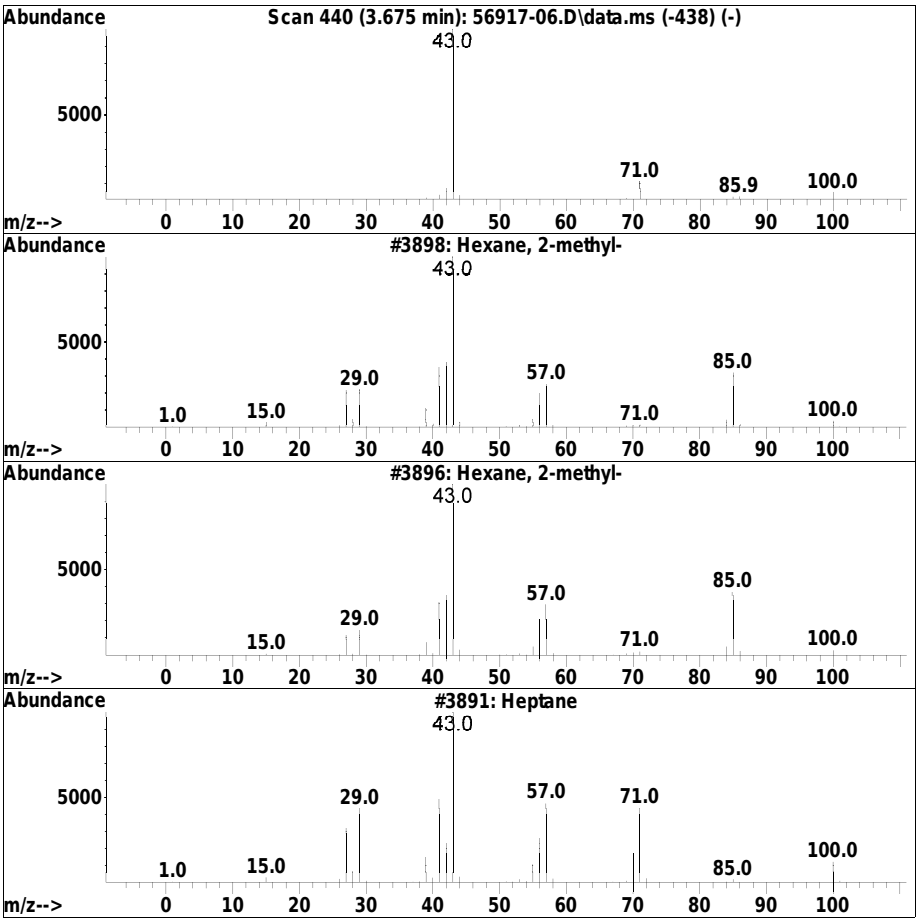
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

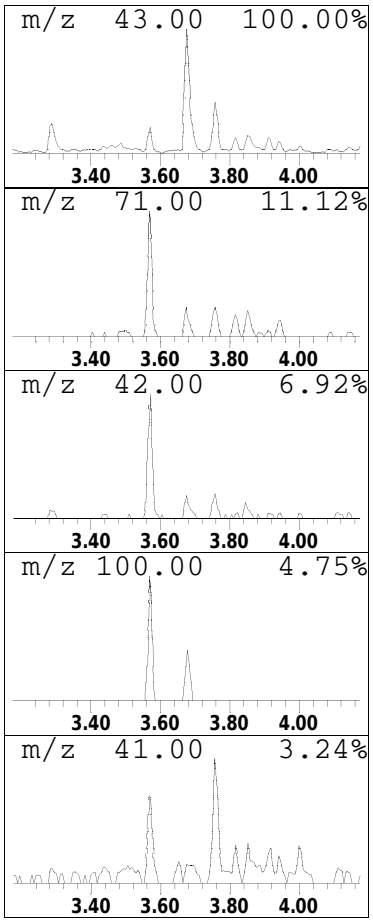
****

Peak Number 4 Unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.675	0.54 ug/ml	19331	IS2_1,4-Dichlorobenzene-d4	3.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	5
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	5
3	Heptane	100	C7H16	000142-82-5	5
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	4
5	1H-Tetrazole-1,5-diamine	100	CH4N6	002165-21-1	4





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

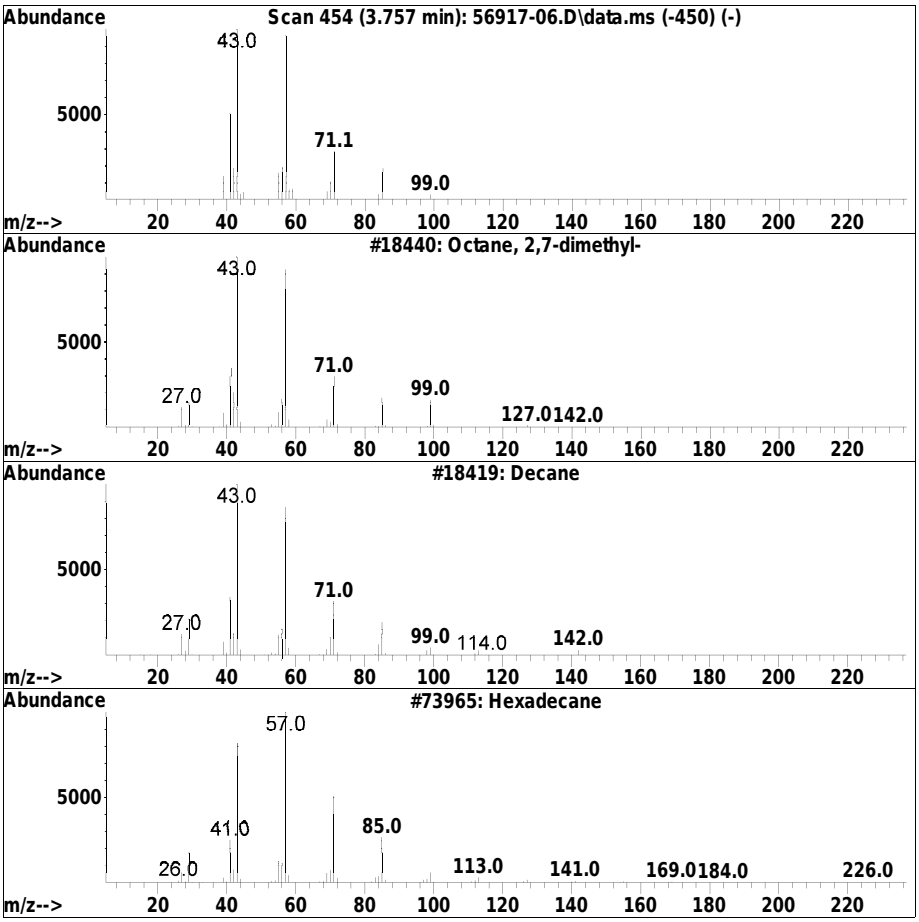
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

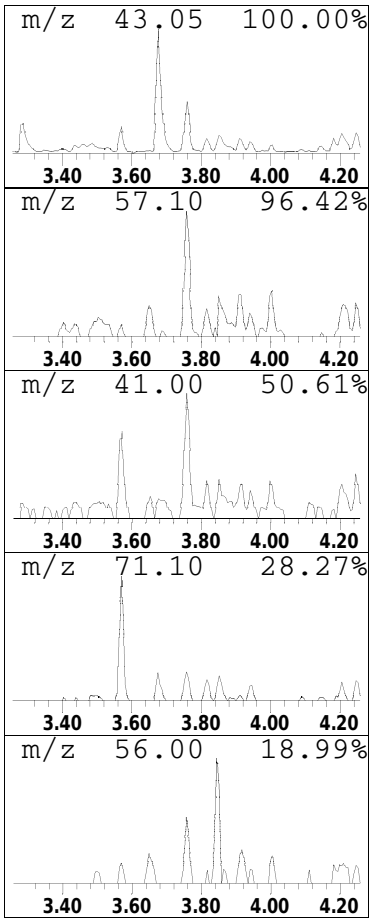
****

Peak Number 5 Unknown Alkane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.757	0.61 ug/ml	21812	IS2_1,4-Dichlorobenzene-d4	3.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	72
2	Decane	142	C10H22	000124-18-5	64
3	Hexadecane	226	C16H34	000544-76-3	56
4	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	50
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

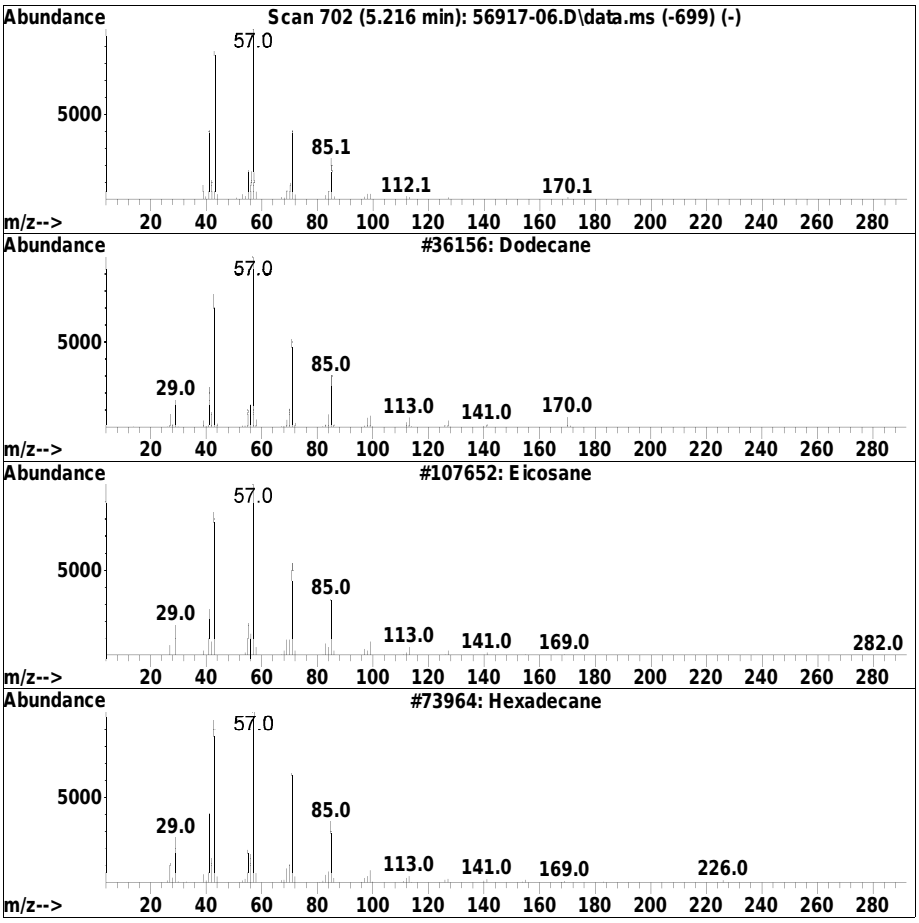
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

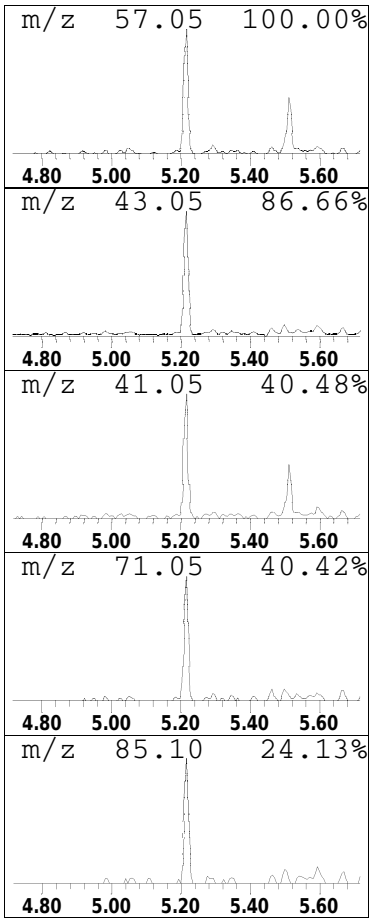
****

Peak Number 6 Unknown Alkane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.216	1.51 ug/ml	68299	IS2_Naphthalene-d8	5.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	86
2	Eicosane	282	C20H42	000112-95-8	83
3	Hexadecane	226	C16H34	000544-76-3	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane	184	C13H28	000629-50-5	78





Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

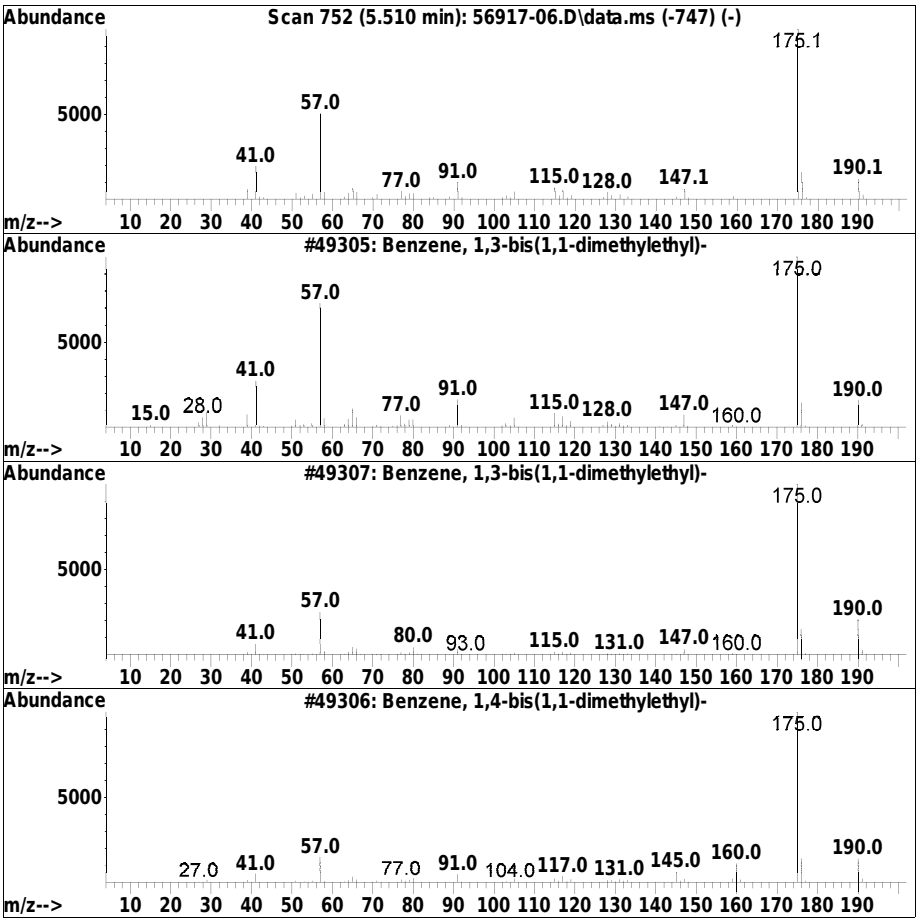
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

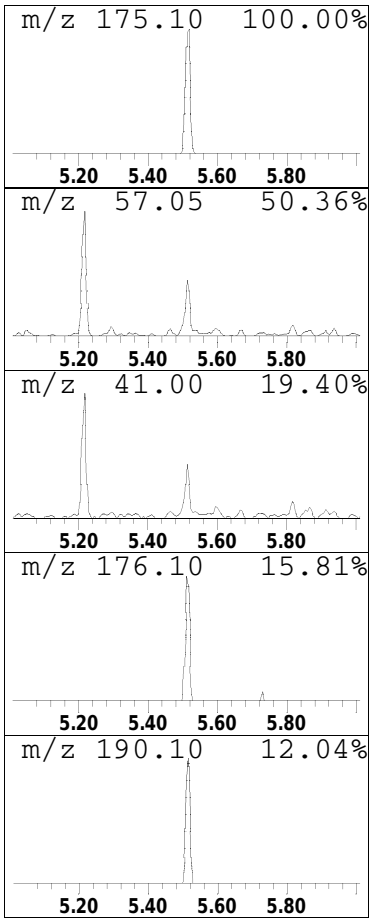
****

Peak Number 7 Unknown Benzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.510	1.20 ug/ml	54186	IS2_Naphthalene-d8	5.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	95
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
3	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	72
5	4,5-Dihydro-5-oxo-3-(p-tolyl)iso...	175	C10H9NO2	025755-82-2	59





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Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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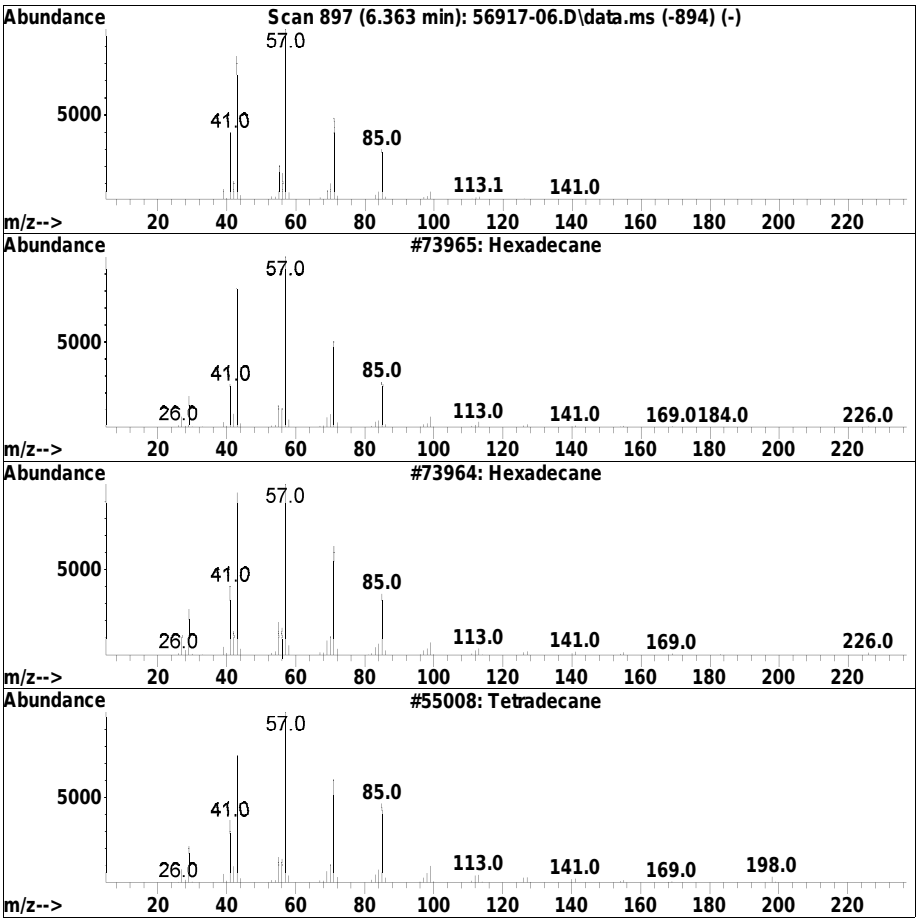
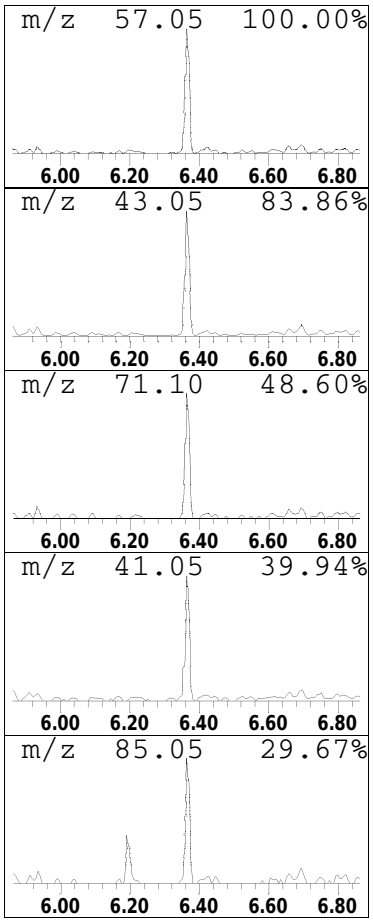
Peak Number 8 Unknown Alkane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.363	1.40 ug/ml	77289	IS1_Acenaphthene-d10	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexadecane	226	C16H34	000544-76-3	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	78





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Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

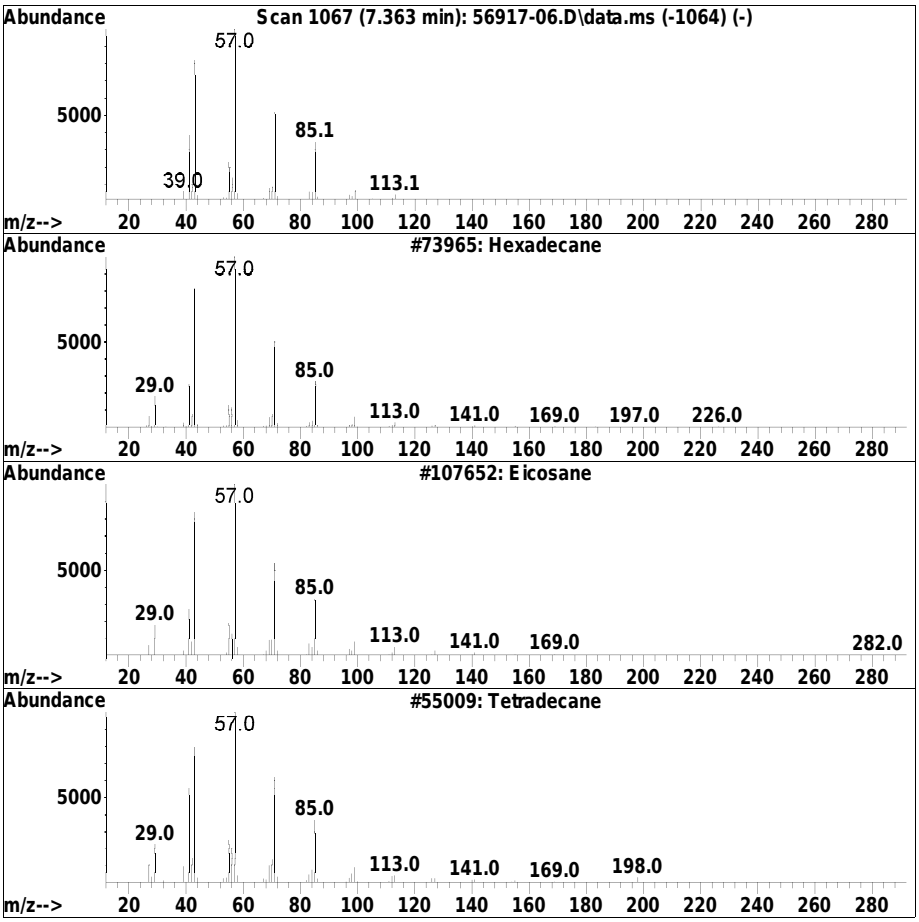
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

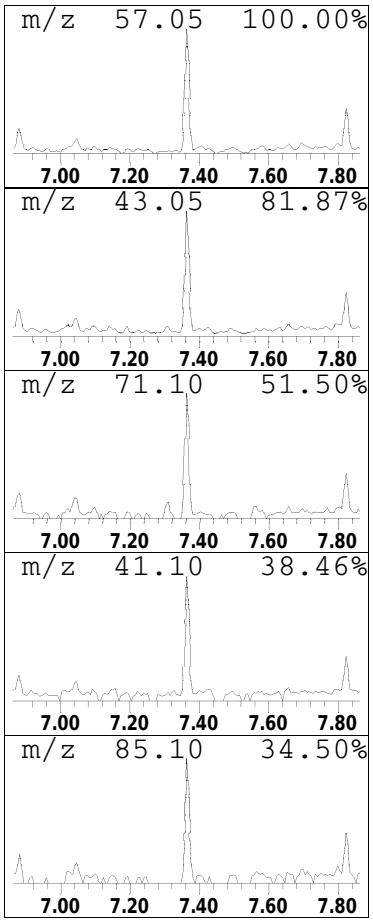
****

Peak Number 9 Unknown Alkane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.363	0.68 ug/ml	37528	IS3_Acenaphthene-d10	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane	184	C13H28	000629-50-5	86





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Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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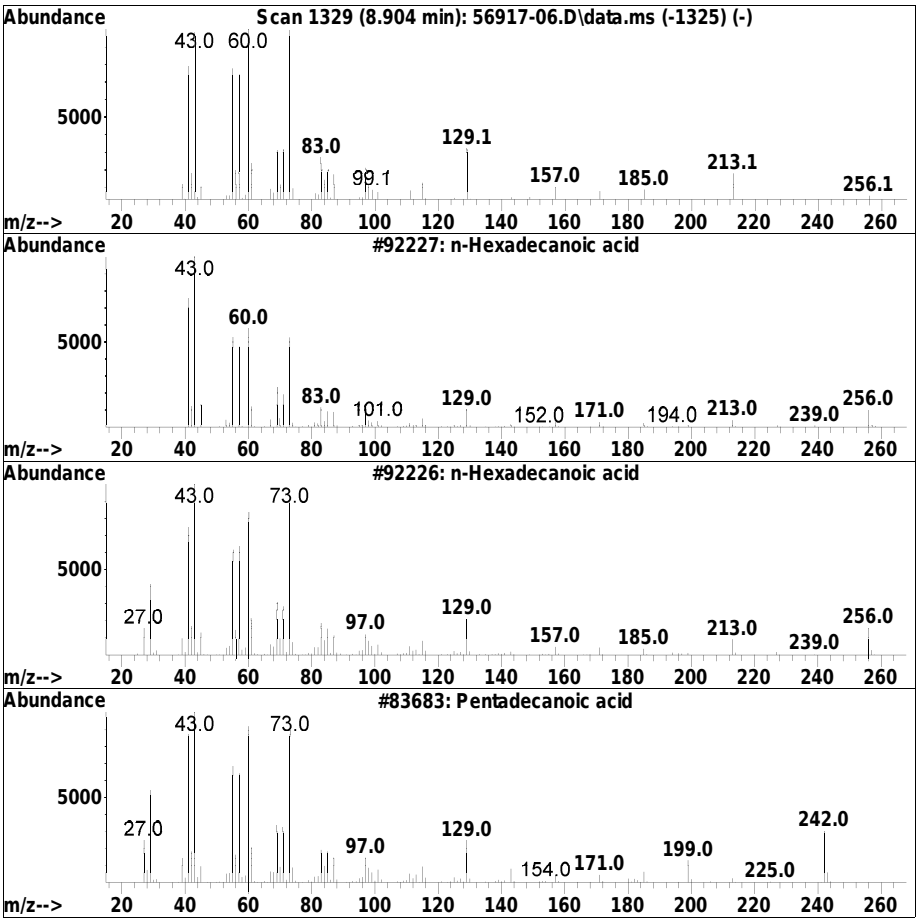
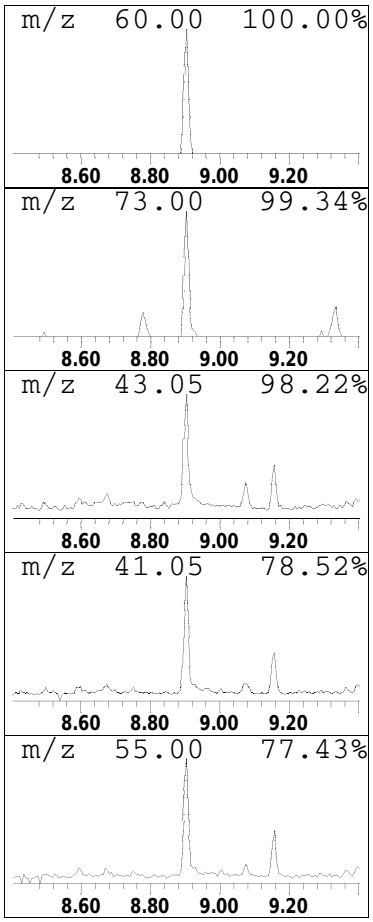
Peak Number 10 Unknown Organic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.904	0.74 ug/ml	45314	IS3_Phenanthrene-d10	8.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





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Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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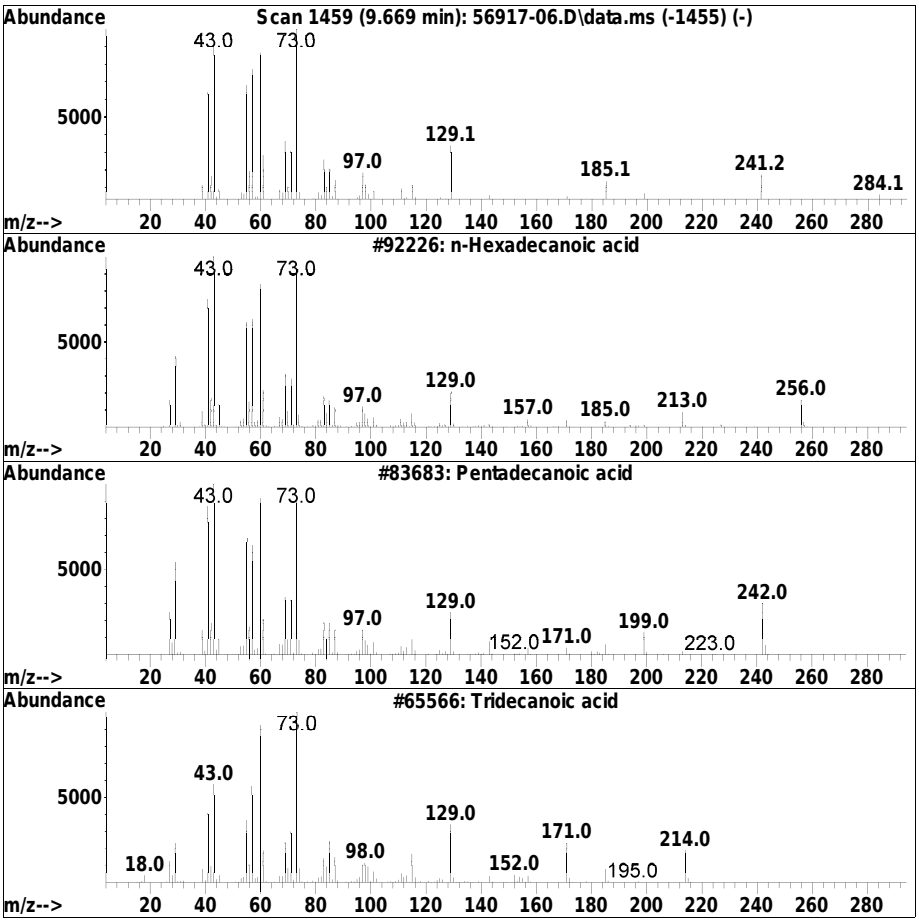
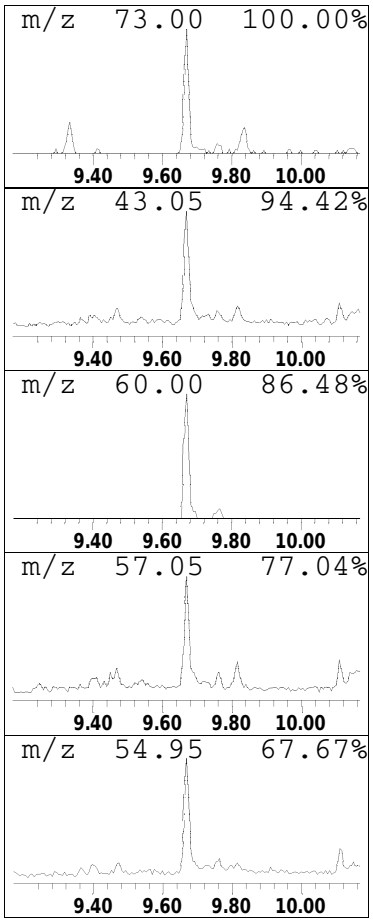
Peak Number 11 Unknown Organic Acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	0.65 ug/ml	43866	IS1_Chrysene-d12	10.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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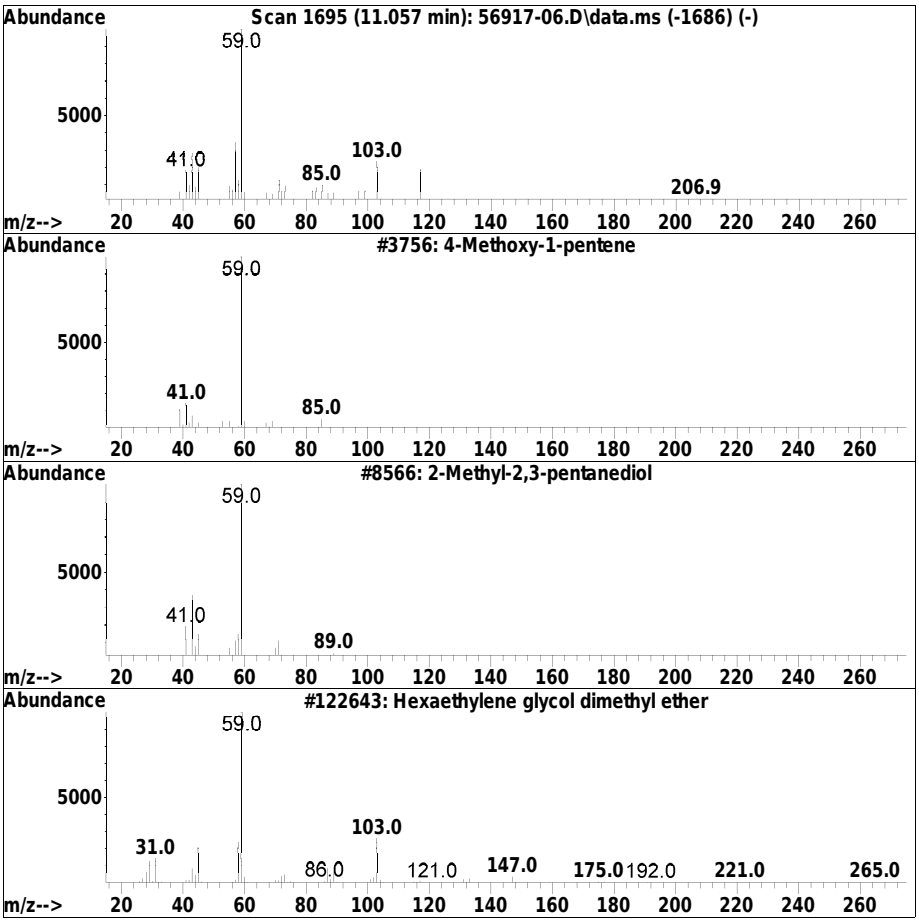
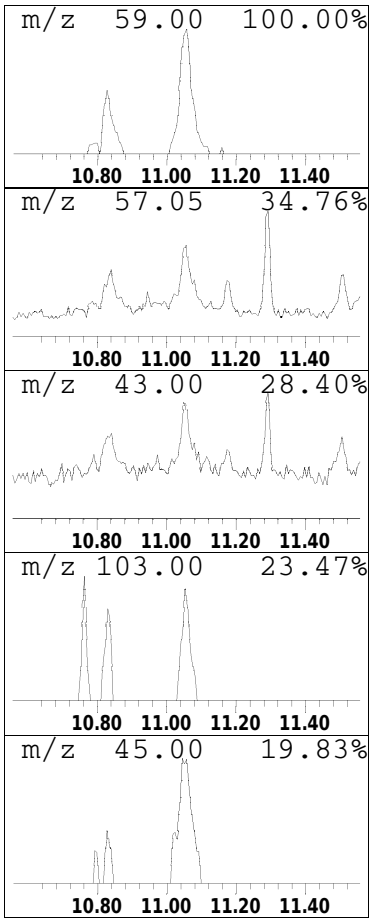
Peak Number 12 Unknown Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.057	0.43 ug/ml	29261	IS1_Chrysene-d12	10.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	43
2	2-Methyl-2,3-pentanediol	118	C6H14O2	007795-80-4	43
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	38
4	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	38
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	37





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Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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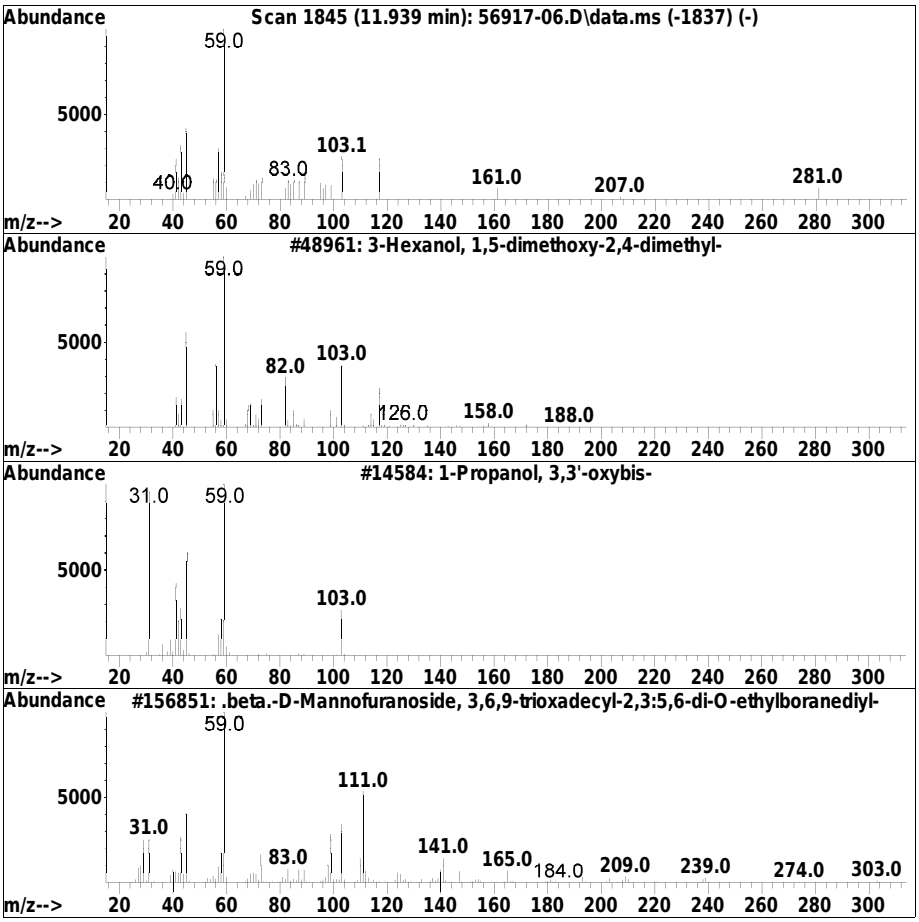
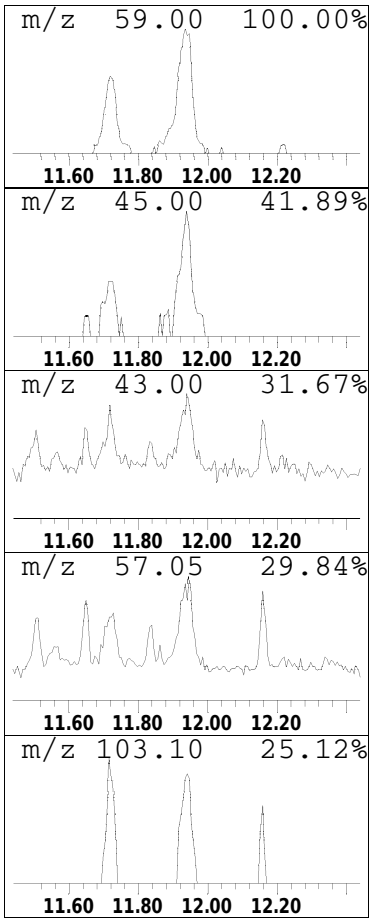
Peak Number 13 Unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	0.44 ug/ml	29997	IS1_Perylene-d12	12.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	50
2	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	50
3	.beta.-D-Mannofuranoside, 3,6,9-...	402	C17H32B2O9	1000155-77-2	45
4	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	42
5	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	40





Library Search Compound Report

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Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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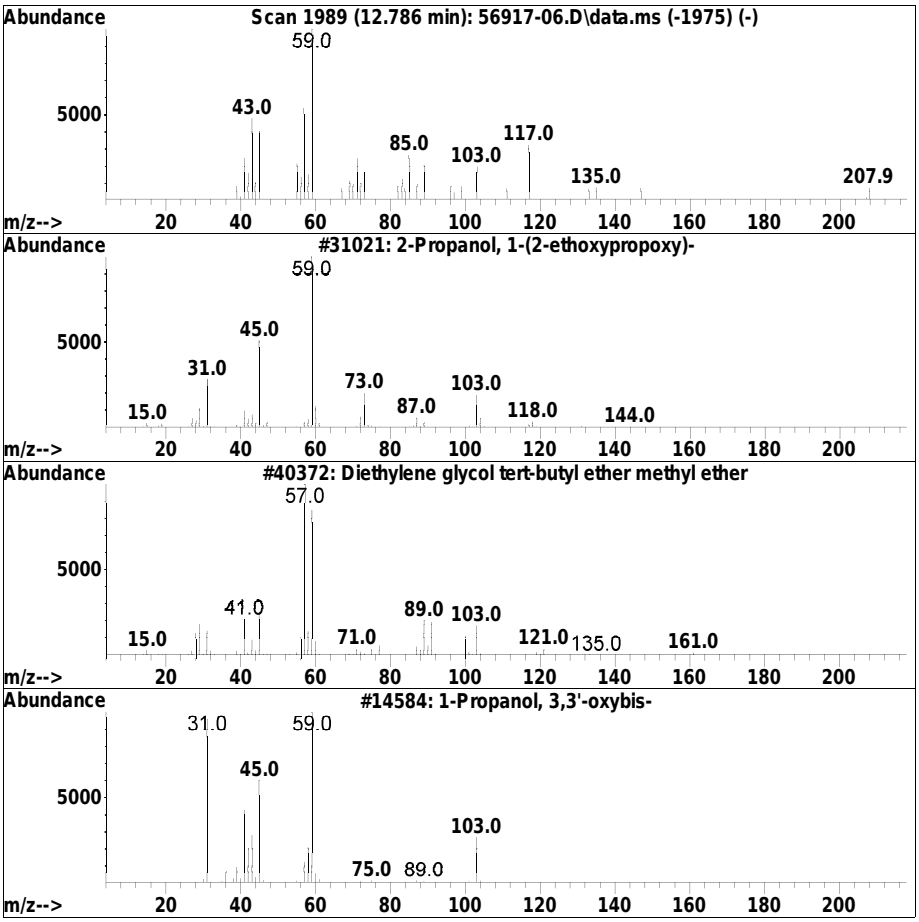
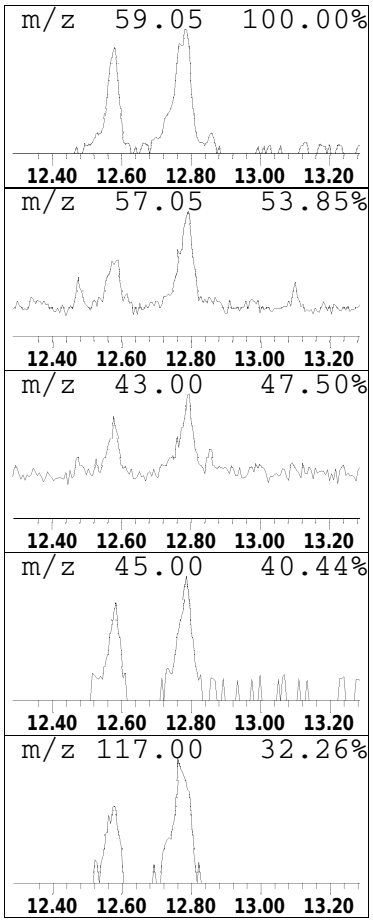
Peak Number 14 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	0.68 ug/ml	46115	IS1_Perylene-d12	12.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	59
2	Diethylene glycol tert-butyl eth...	176	C9H20O3	052788-79-1	47
3	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	38
4	Hexylene Glycol	118	C6H14O2	000107-41-5	38
5	2-Methyl-2,3-pentanediol	118	C6H14O2	007795-80-4	35





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Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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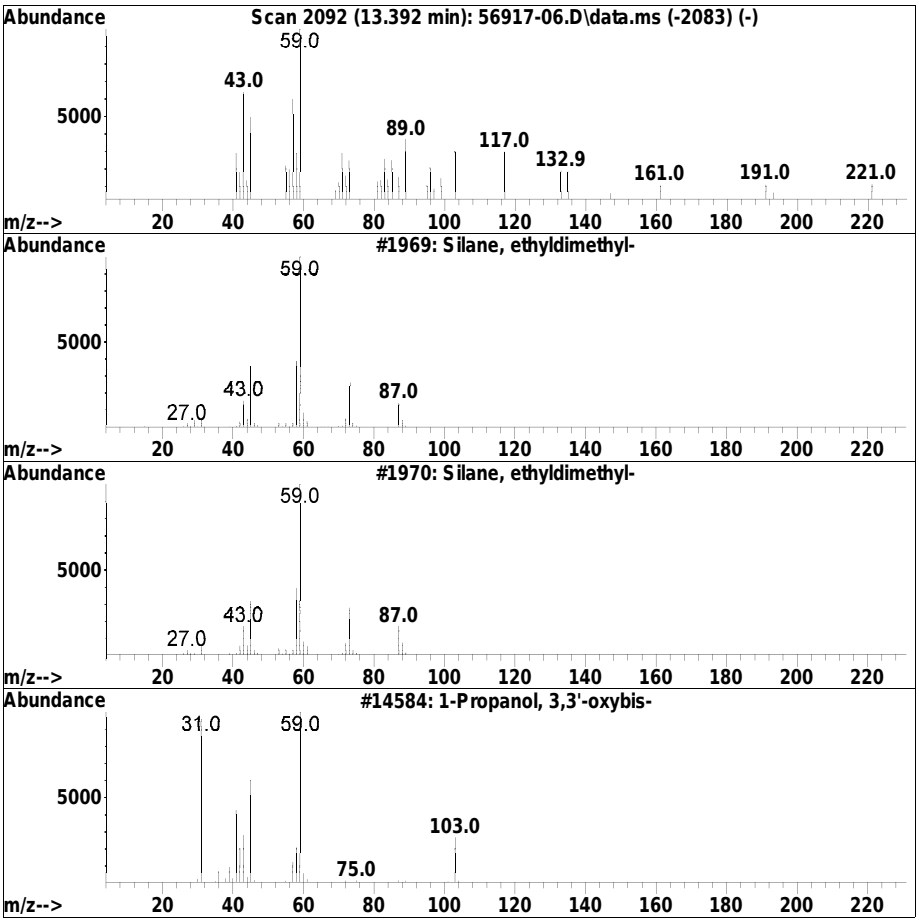
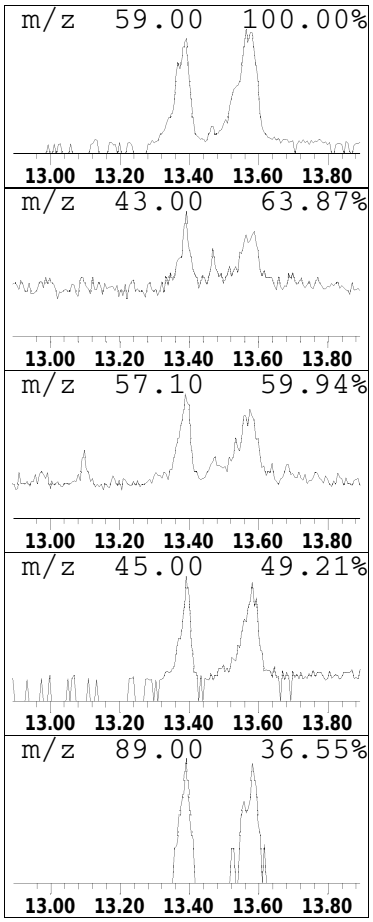
Peak Number 15 Unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.392	0.45 ug/ml	30282	IS1_Perylene-d12	12.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	38
2	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	38
3	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	23
4	Butanoic acid, 4-ethoxy-, methyl...	146	C7H14O3	029006-04-0	23
5	Silane, [2-(2-methoxyethoxy)etho...	192	C8H20O3Si	062199-57-9	23





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Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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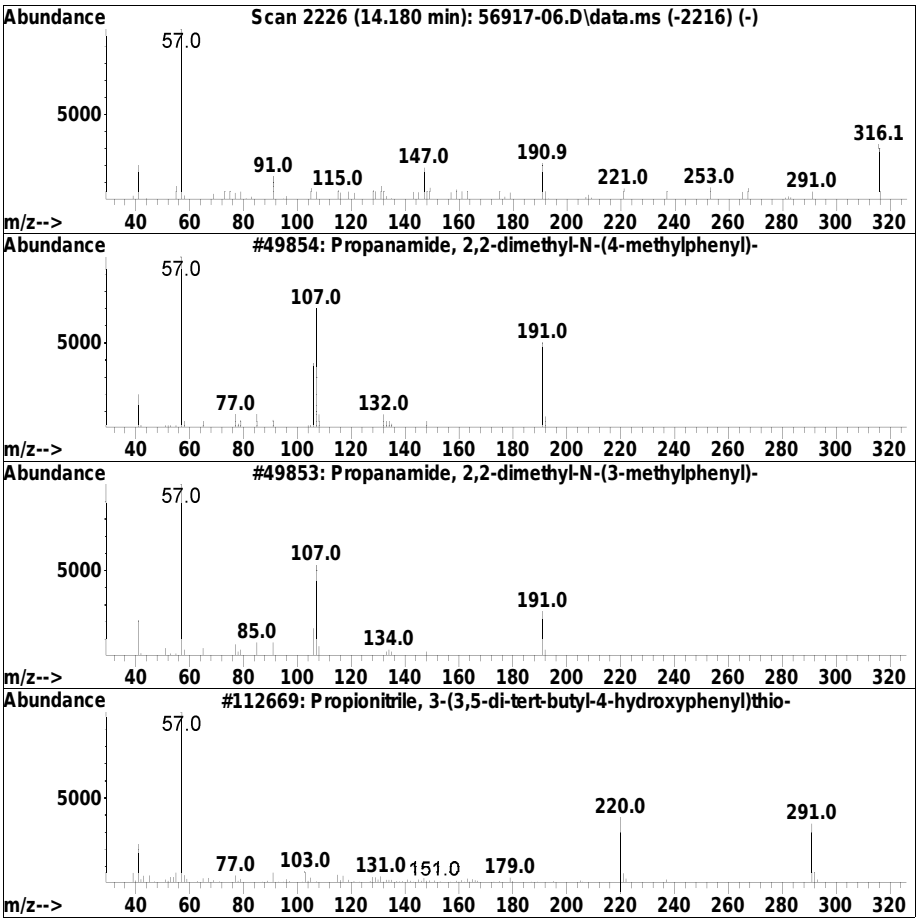
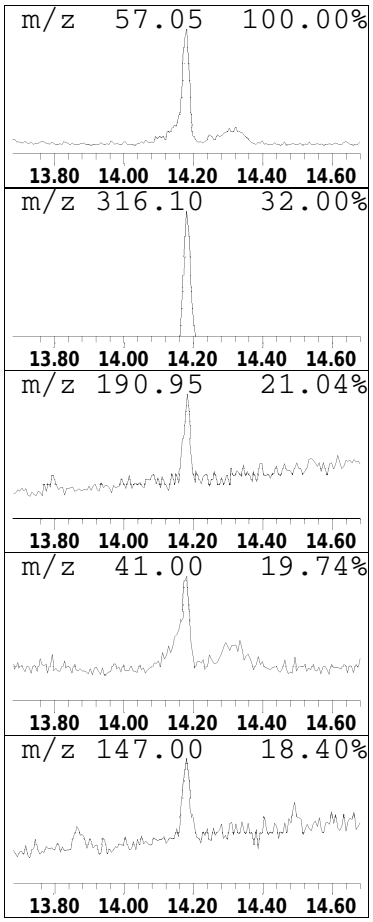
Peak Number 16 Unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.180	0.62 ug/ml	42172	IS1_Perylene-d12	12.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanamide, 2,2-dimethyl-N-(4-m...	191	C12H17NO	021354-40-5	35
2	Propanamide, 2,2-dimethyl-N-(3-m...	191	C12H17NO	032597-29-8	25
3	Propionitrile, 3-(3,5-di-tert-bu...	291	C17H25NOS	1000295-21-7	9
4	Hexahydropyridine, 4-[4,5-dimeth...	221	C13H19NO2	042434-76-4	9
5	t-Butyl 1-thio-d-glucofuranoside	252	C10H20O5S	094033-53-1	9





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV124\201227naLVI\
Data File : 56917-06.D
Acq On : 28 Dec 2020 4:52 am
Operator : SV124:jg
Sample : L2056917-06,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 12 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.910	0.6	ug/ml	23216	1	3.846	144025	4.0
Unknown	3.675	0.5	ug/ml	19331	1	3.846	144025	4.0
Unknown Alkane	3.757	0.6	ug/ml	21812	1	3.846	144025	4.0
Unknown Alkane	5.216	1.5	ug/ml	68299	5	5.104	180376	4.0
Unknown Benzene	5.510	1.2	ug/ml	54186	5	5.104	180376	4.0
Unknown Alkane	6.363	1.4	ug/ml	77289	6	6.804	220888	4.0
Unknown Alkane	7.363	0.7	ug/ml	37528	8	6.804	220888	4.0
Unknown Organic...	8.904	0.7	ug/ml	45314	11	8.210	246602	4.0
Unknown Organic...	9.669	0.6	ug/ml	43866	12	10.763	271512	4.0
Unknown	11.057	0.4	ug/ml	29261	12	10.763	271512	4.0
Unknown	11.939	0.4	ug/ml	29997	13	12.157	270994	4.0
Unknown	12.786	0.7	ug/ml	46115	13	12.157	270994	4.0
Unknown	13.392	0.4	ug/ml	30282	13	12.157	270994	4.0
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Method Blank
Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV124\201227LVI\
Data File : 448411-1.D
Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
Sample : WG1448411-1,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 16:06:07 2020
Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 13:08:23 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227LVI\ABN1227.D
: 2 - i:\8270\SV124\201227LVI\ADP1227.D
: 3 - i:\8270\SV124\201227LVI\AP91227.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.875	150	35687	4.000	ug/ml	0.00
Standard Area 1 = 35651			Recovery = 100.10%			
27) IS2_1,4-Dichlorobenzen...	3.875	150	35687	4.000	ug/ml	0.00
Standard Area 3 = 33932			Recovery = 105.17%			
32) IS3_1,4-Dichlorobenzen...	3.875	150	35687	4.000	ug/ml	0.00
Standard Area 2 = 32888			Recovery = 108.51%			
34) IS1_Naphthalene-d8	5.134	136	88175	4.000	ug/ml	0.00
Standard Area 1 = 84527			Recovery = 104.32%			
54) IS2_Naphthalene-d8	5.134	136	88175	4.000	ug/ml	0.00
Standard Area 3 = 86468			Recovery = 101.97%			
62) IS1_Acenaphthene-d10	6.828	164	47739	4.000	ug/ml	0.00
Standard Area 1 = 47575			Recovery = 100.34%			
82) IS2_Acenaphthene-d10	6.828	164	47739	4.000	ug/ml	0.00
Standard Area 3 = 46459			Recovery = 102.76%			
85) IS3_Acenaphthene-d10	6.828	164	47739	4.000	ug/ml	0.00
Standard Area 2 = 44758			Recovery = 106.66%			
87) IS1_Phenanthrene-d10	8.239	188	98738	4.000	ug/ml	0.00
Standard Area 1 = 93420			Recovery = 105.69%			
99) IS3_Phenanthrene-d10	8.239	188	98738	4.000	ug/ml	0.00
Standard Area 2 = 92144			Recovery = 107.16%			
103) IS1_Chrysene-d12	10.798	240	97143	4.000	ug/ml	0.00
Standard Area 1 = 91393			Recovery = 106.29%			
112) IS1_Perylene-d12	12.192	264	101834	4.000	ug/ml	0.00
Standard Area 1 = 92552			Recovery = 110.03%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.522	112	13626	2.437	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery. = 48.74%			
7) Phenol-d6	3.593	99	17779	2.426	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery. = 48.52%			
19) Nitrobenzene-d5	4.446	82	11288	1.710	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 68.40%			
45) 2-Fluorobiphenyl	6.222	172	29531	1.648	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 65.92%			
78) 2,4,6-Tribromophenol	7.592	330	4867	1.720	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery. = 34.40%			

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Quant Time: Dec 29 16:06:07 2020
Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 13:08:23 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227LVI\ABN1227.D
: 2 - i:\8270\SV124\201227LVI\ADP1227.D
: 3 - i:\8270\SV124\201227LVI\AP91227.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) 4-Terphenyl-d14	9.828	244	46860	2.086	ug/ml	0.00

Spiked Amount 2.500 Range 30 - 130 Recovery. = 83.44%

Target Compounds				Qvalue
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	
21) Isophorone	0.000	0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
35) Naphthalene	0.000	0	N.D.	
37) 4-Chloroaniline	0.000	0	N.D.	
40) 2-Methylnaphthalene	0.000	0	N.D.	
42) Hexachlorocyclopentadiene	0.000	0	N.D.	
46) 2-Chloronaphthalene	0.000	0	N.D.	
47) 2-Nitroaniline	0.000	0	N.D.	
50) Dimethyl phthalate	0.000	0	N.D.	
51) Acenaphthylene	0.000	0	N.D.	
52) 2,6-Dinitrotoluene	0.000	0	N.D.	
59) Caprolactam	0.000	0	N.D.	
60) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
61) Biphenyl	0.000	0	N.D.	
63) 3-Nitroaniline	0.000	0	N.D.	
64) Acenaphthene	0.000	0	N.D.	
66) Dibenzofuran	0.000	0	N.D.	
67) 2,4-Dinitrotoluene	0.000	0	N.D.	
71) Diethyl phthalate	0.000	0	N.D.	
72) Fluorene	0.000	0	N.D.	
73) 4-Chlorophenyl phenyl ...	0.000	0	N.D.	
74) 4-Nitroaniline	0.000	0	N.D.	
76) NDPA/DPA	0.000	0	N.D.	
79) 4-Bromophenyl phenyl e...	0.000	0	N.D.	
86) Atrazine	0.000	0	N.D.	
88) Phenanthrene	0.000	0	N.D.	

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ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 16:06:07 2020
Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 13:08:23 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227LVI\ABN1227.D
: 2 - i:\8270\SV124\201227LVI\ADP1227.D
: 3 - i:\8270\SV124\201227LVI\AP91227.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Anthracene	0.000		0	N.D.		
90) Carbazole	0.000		0	N.D.		
91) Di-n-butylphthalate	0.000		0	N.D.	d	
92) Fluoranthene	0.000		0	N.D.		
94) Pyrene	0.000		0	N.D.		
96) Butyl benzyl phthalate	0.000		0	N.D.		
105) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
106) Chrysene	0.000		0	N.D.		
107) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108) Di-n-octylphthalate	0.000		0	N.D.	d	
115) Benzo(ghi)perylene	0.000		0	N.D.		

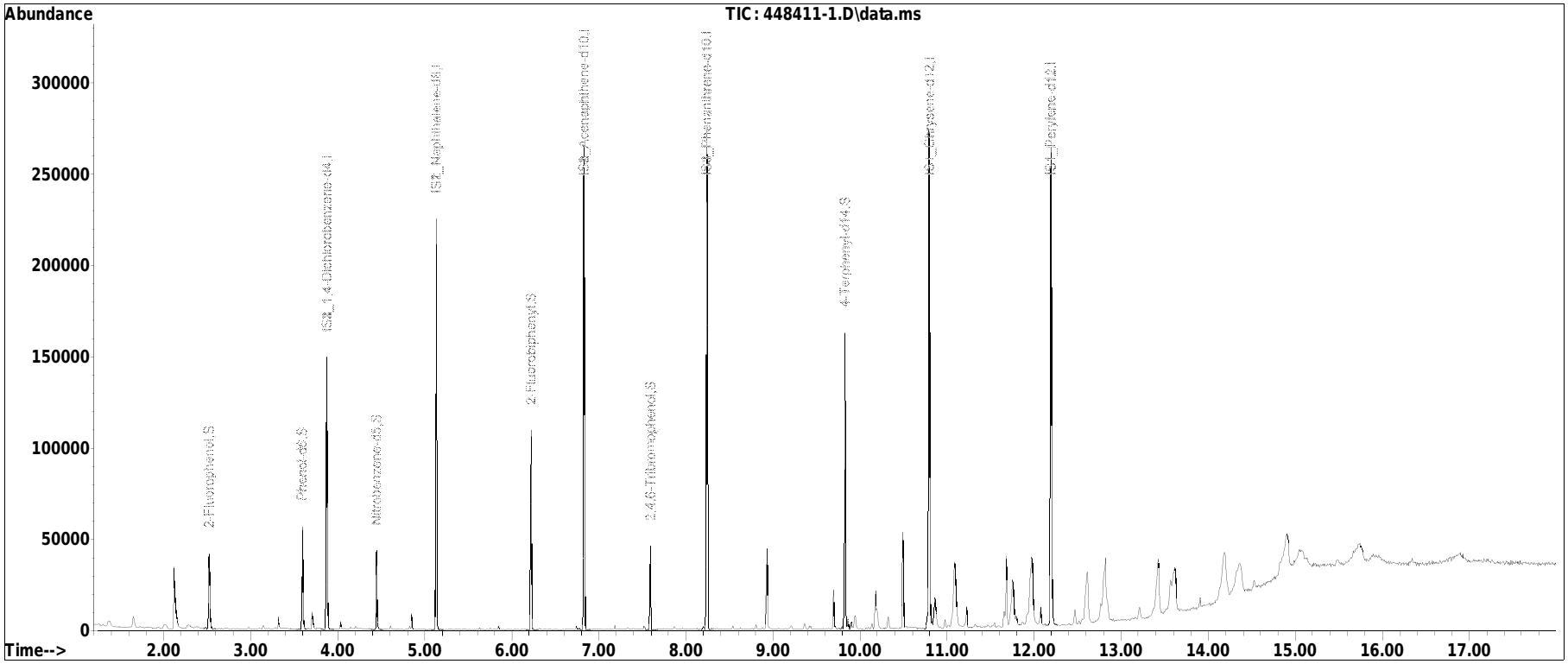
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV124\201227LVI\
Data File : 448411-1.D
Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
Sample : WG1448411-1,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 16:06:07 2020
Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 13:08:23 2020
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MALVI\AP91227.D•



Manual Integration/Negative Proof Report

Data Path	: I:\8270\SV124\201227LVI\	QMethod	: FS201203SV124.m
Data File	: 448411-1.D	Operator	: SV124:wr
Date Inj'd	: 12/27/2020 4:49 am	Instrument	: SV124
Sample	: WG1448411-1,32,,JT,	Quant Date	: 12/29/2020 12:48 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV124\201227LVI\
Data File : 448411-1.D
Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
Sample : WG1448411-1,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227LVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 448411-1.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.375	27	32	33	rBV2	2666	4282	1.48%	0.154%
2	1.652	75	79	85	rVB	6194	9406	3.25%	0.338%
3	2.116	155	158	172	rBV	33910	55396	19.14%	1.988%
4	2.287	182	187	188	rBV3	1885	3062	1.06%	0.110%
5	2.522	223	227	235	rBV	41479	47237	16.32%	1.695%
6	3.310	359	361	367	rBV	6803	7858	2.71%	0.282%
7	3.593	407	409	416	rVB	56360	51624	17.83%	1.853%
8	3.704	426	428	436	rBV	9442	10196	3.52%	0.366%
9	3.875	453	457	461	rBV	148907	134476	46.46%	4.827%
10	4.028	481	483	489	rVB	4281	3764	1.30%	0.135%
11	4.446	551	554	561	rVB	43052	34924	12.06%	1.254%
12	4.846	620	622	628	rVB	8718	6646	2.30%	0.239%
13	5.134	667	671	674	rBV	224839	176743	61.06%	6.344%
14	6.222	852	856	859	rBV	109307	86299	29.81%	3.098%
15	6.828	956	959	963	rVB	265477	208810	72.14%	7.495%
16	7.592	1086	1089	1092	rBV	45666	36315	12.55%	1.303%
17	8.239	1196	1199	1203	rBV	276167	237668	82.11%	8.531%
18	8.928	1313	1316	1320	rBV2	43866	39869	13.77%	1.431%
19	9.210	1357	1364	1367	rBV3	1913	3406	1.18%	0.122%
20	9.357	1385	1389	1395	rBV2	3100	3764	1.30%	0.135%
21	9.698	1443	1447	1454	rBV	21218	19846	6.86%	0.712%
22	9.828	1465	1469	1472	rBV	162144	129464	44.73%	4.647%
23	9.863	1472	1475	1478	rVB	5184	5211	1.80%	0.187%
24	9.898	1478	1481	1483	rBV2	3481	3272	1.13%	0.117%
25	9.945	1486	1489	1496	rVB	7309	9948	3.44%	0.357%
26	10.175	1524	1528	1531	rBV2	20822	32544	11.24%	1.168%
27	10.328	1550	1554	1559	rBV	6441	7347	2.54%	0.264%
28	10.492	1578	1582	1586	rBV	52450	47899	16.55%	1.719%

LSC Area Percent Report

Data Path : I:\8270\SV124\201227LVI\
Data File : 448411-1.D
Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
Sample : WG1448411-1,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV124\201227LVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

29	10.792	1626	1633	1637	rBV	273484	282843	97.71%	10.152%
30	10.857	1641	1644	1655	rVB2	16613	33494	11.57%	1.202%
31	10.980	1660	1665	1668	rBV	5013	5386	1.86%	0.193%
32	11.086	1674	1683	1694	rBV	35286	84082	29.05%	3.018%
33	11.222	1699	1706	1711	rVB2	11562	15110	5.22%	0.542%
34	11.545	1757	1761	1765	rVB3	2132	3181	1.10%	0.114%
35	11.657	1775	1780	1781	rBV	8827	10840	3.74%	0.389%
36	11.680	1781	1784	1788	rVV	38772	40897	14.13%	1.468%
37	11.751	1788	1796	1801	rVV	25026	54069	18.68%	1.941%
38	11.792	1801	1803	1810	rVB3	4913	6646	2.30%	0.239%
39	11.969	1827	1833	1845	rVB3	36791	95745	33.08%	3.437%
40	12.069	1846	1850	1857	rVB2	9816	13409	4.63%	0.481%
41	12.192	1867	1871	1879	rBV	265005	289466	100.00%	10.390%
42	12.469	1912	1918	1922	rBV2	8403	10777	3.72%	0.387%
43	12.557	1930	1933	1935	rBV3	2639	3260	1.13%	0.117%
44	12.616	1935	1943	1951	rVB2	27886	62248	21.50%	2.234%
45	12.763	1959	1968	1970	rBV	9693	14974	5.17%	0.537%
46	12.822	1970	1978	1988	rVB3	34148	99493	34.37%	3.571%
47	13.216	2041	2045	2051	rBV5	6252	9684	3.35%	0.348%
48	13.427	2068	2081	2091	rBV2	30126	75211	25.98%	2.700%
49	13.569	2100	2105	2107	rBV4	14449	23584	8.15%	0.847%
50	13.616	2108	2113	2120	rVB3	22899	57867	19.99%	2.077%
51	13.898	2158	2161	2167	rBV5	5131	7440	2.57%	0.267%
52	14.133	2199	2201	2202	rBV2	4295	3621	1.25%	0.130%
53	14.192	2205	2211	2219	rVB5	23071	65448	22.61%	2.349%

Sum of corrected areas: 2786051

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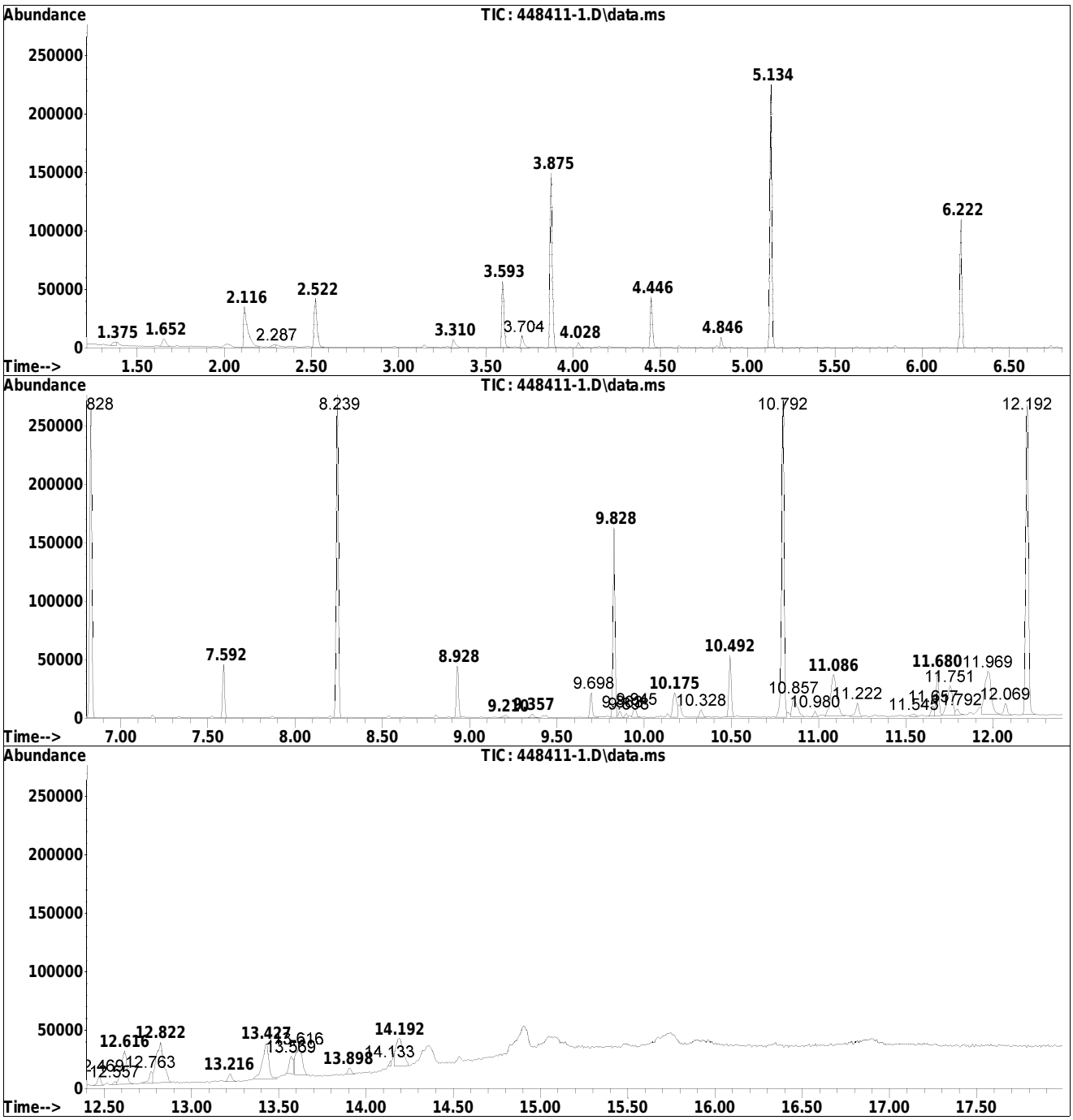
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



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Quant Title : Semivolatiles by GC/MS by modified 8270

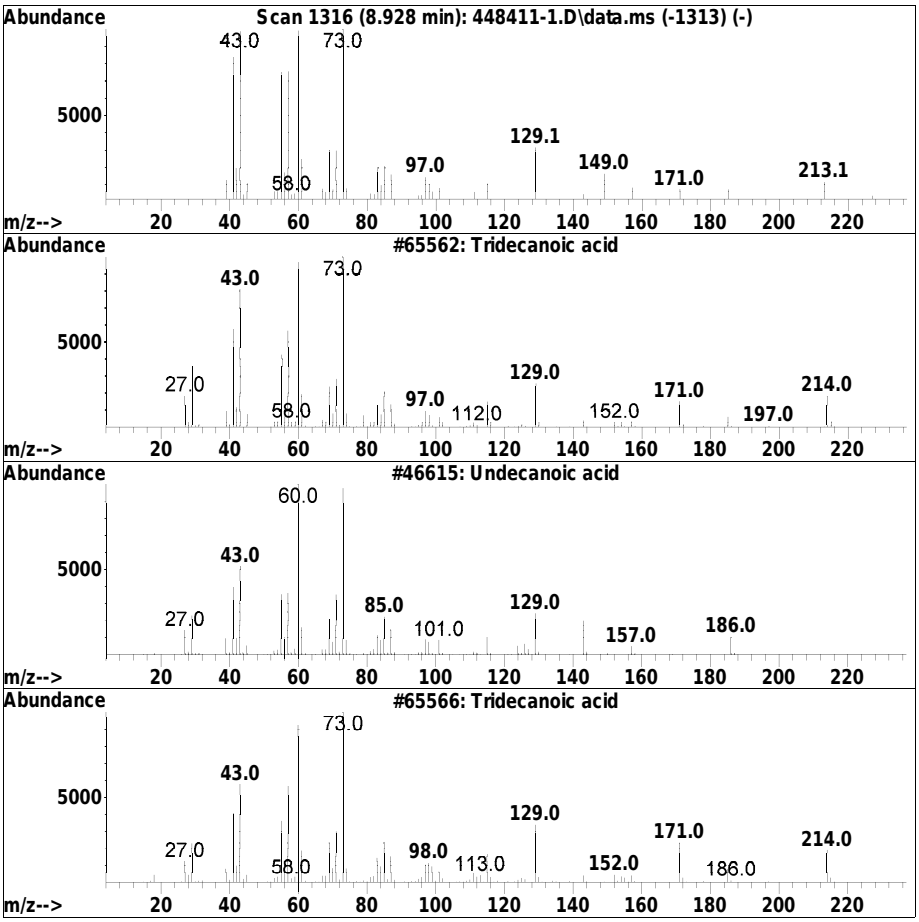
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

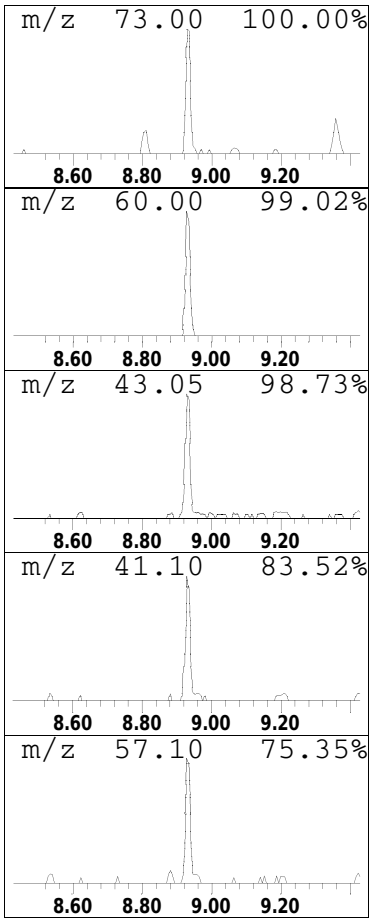
****

Peak Number 2 Unknown Organic Acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.928	0.67 ug/ml	39869	IS3_Phenanthrene-d10	8.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	86
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	78
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

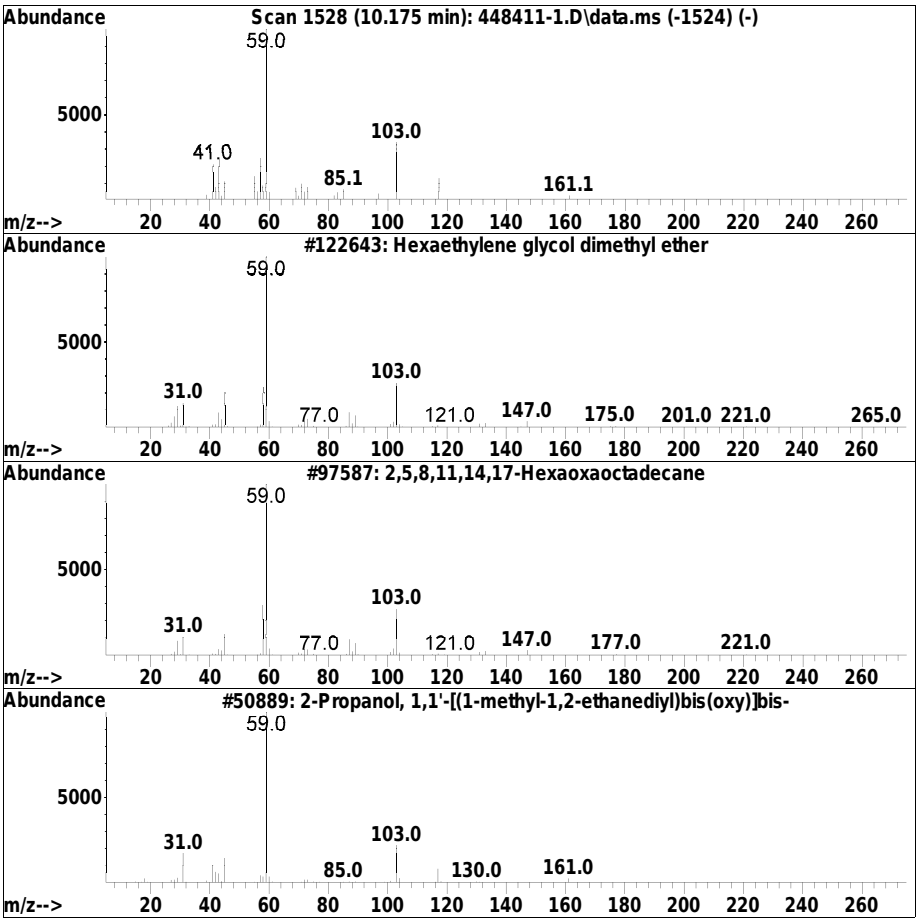
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

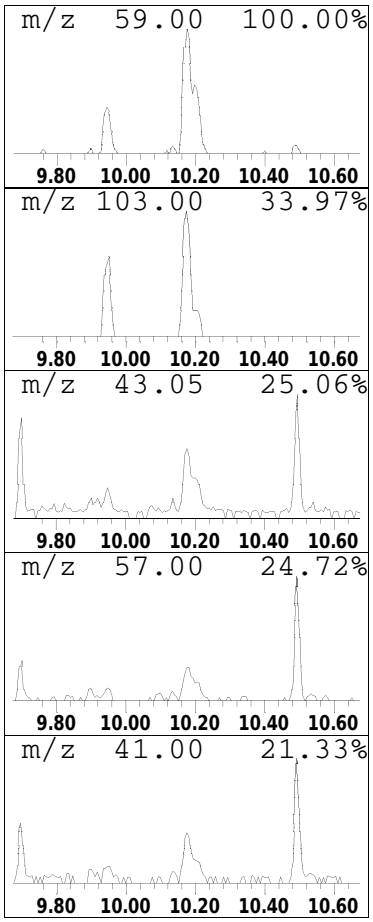
****

Peak Number 3 Unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.175	0.46 ug/ml	32544	IS1_Chrysene-d12	10.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	50
2	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	50
3	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	50
4	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	45
5	Methane, diethoxy-	104	C5H12O2	000462-95-3	45





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Data File : 448411-1.D
Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
Sample : WG1448411-1,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

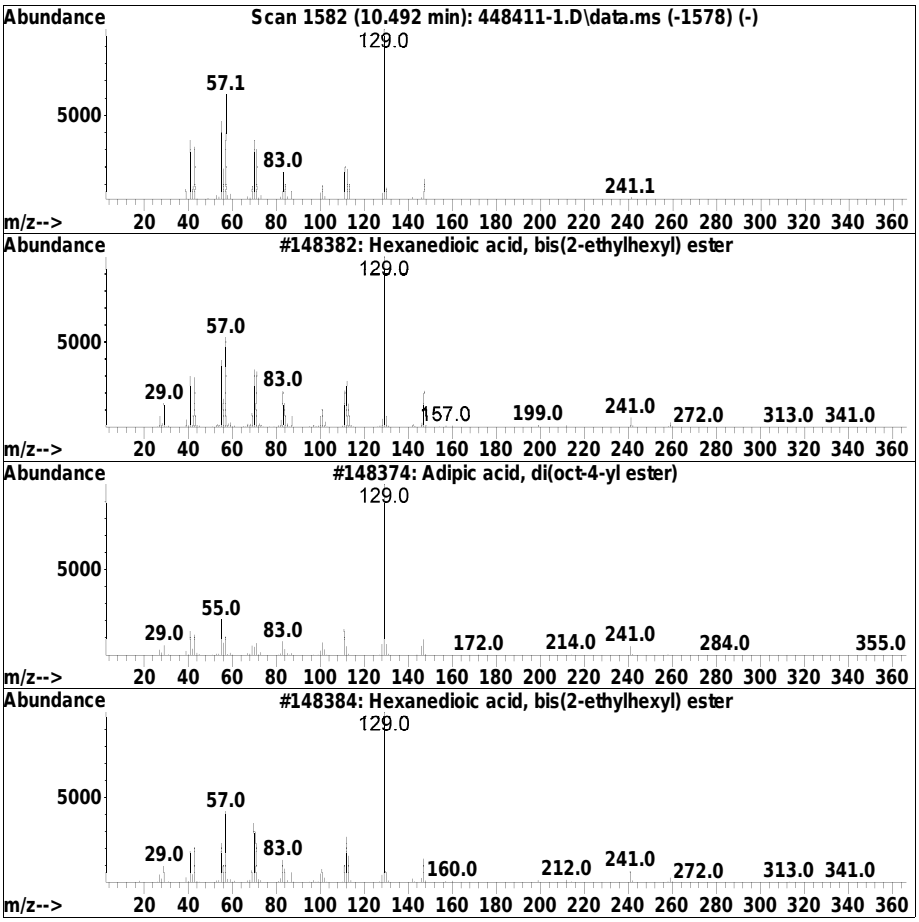
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

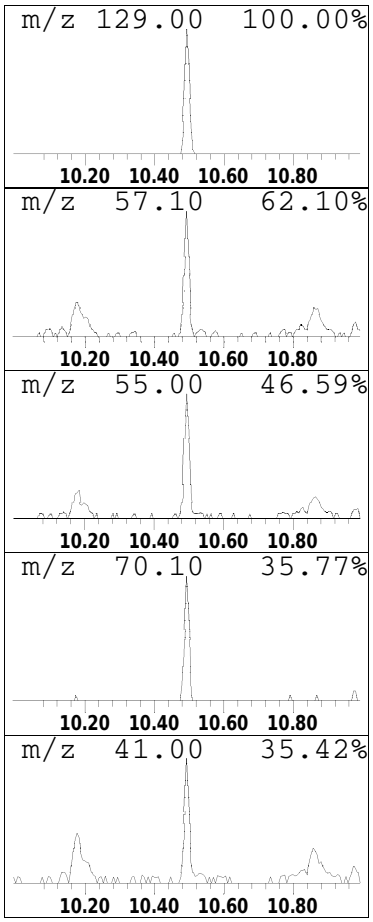
****

Peak Number 4 Unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.492	0.68 ug/ml	47899	IS1_Chrysene-d12	10.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	64
2	Adipic acid, di(oct-4-yl ester)	370	C22H42O4	1000160-80-1	53
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	47
4	6-t-Butylamino-[1,3,5]triazine-2...	184	C7H12N4O2	309923-18-0	38
5	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	38





Data Path : I:\8270\SV124\201227LVI\
Data File : 448411-1.D
Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
Sample : WG1448411-1,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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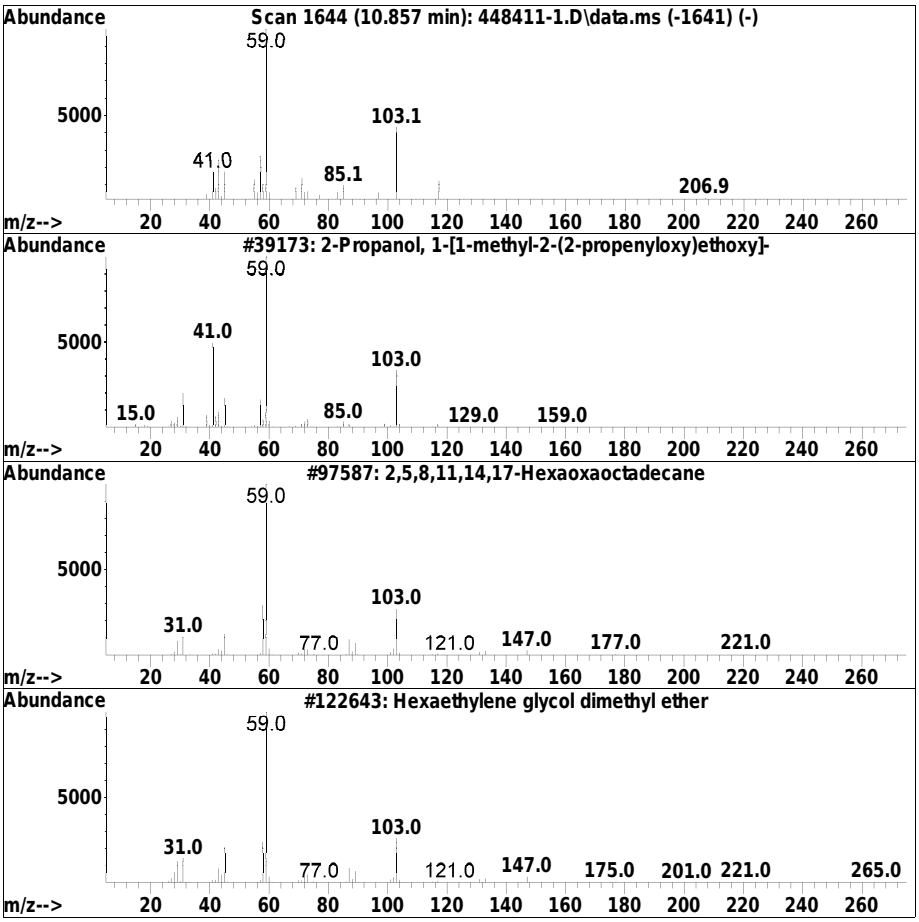
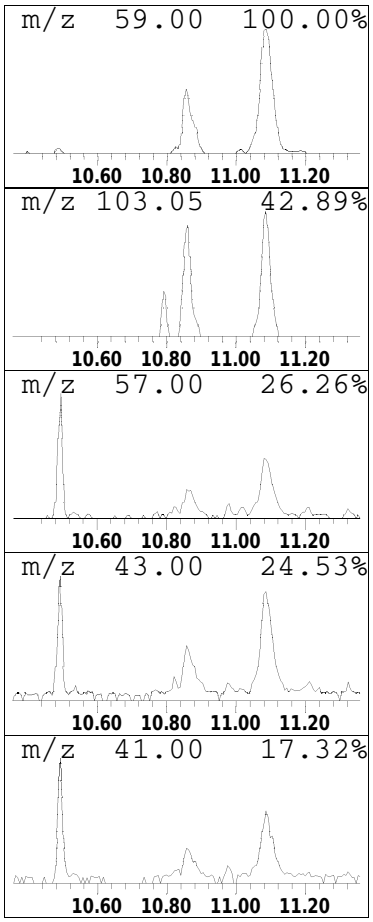
Peak Number 5 Unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.857	0.47 ug/ml	33494	IS1_Chrysene-d12	10.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	64
2	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	59
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	59
4	1,2-Dideoxy-1-erythro-pentitol	120	C5H12O3	1000112-47-4	47
5	Methane, diethoxy-	104	C5H12O2	000462-95-3	38





Library Search Compound Report

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Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
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Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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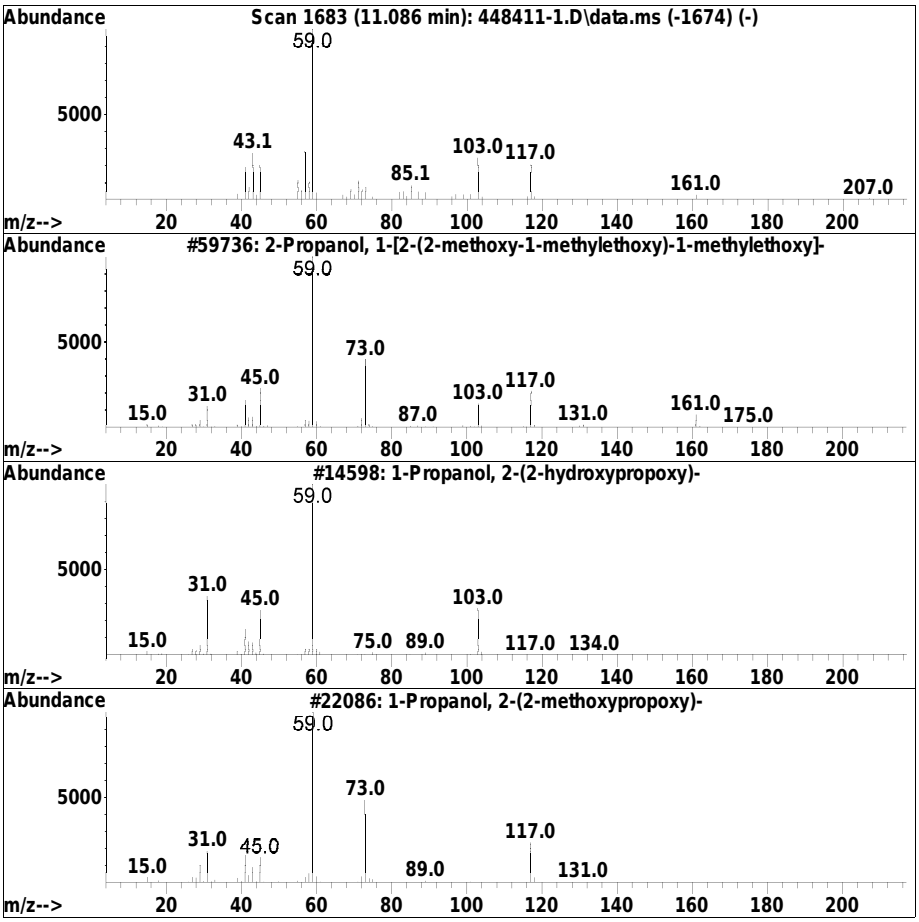
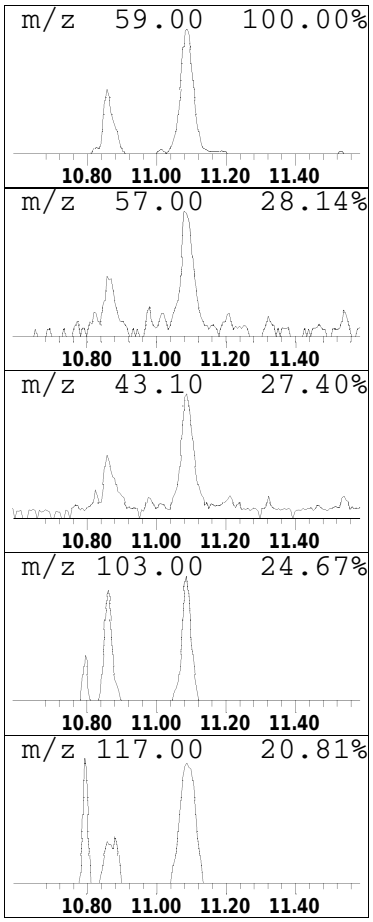
Peak Number 6 Unknown Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	1.19 ug/ml	84082	IS1_Chrysene-d12	10.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	59
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
3	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	53
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	50
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50





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Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
Sample : WG1448411-1,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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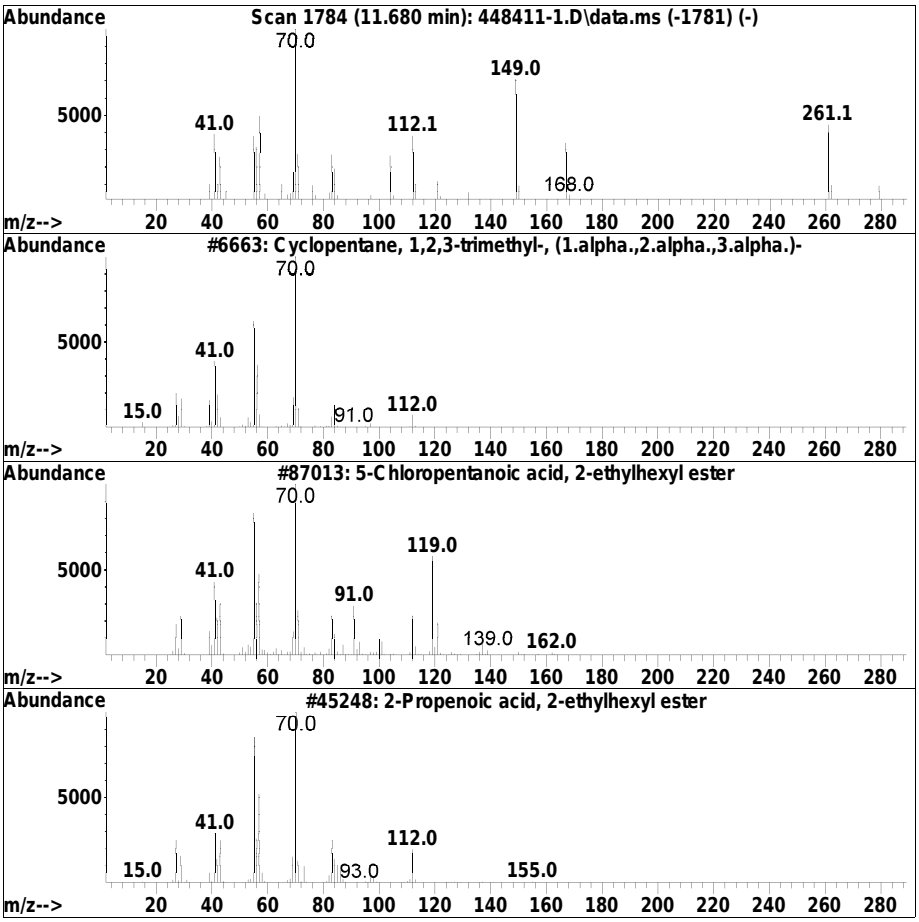
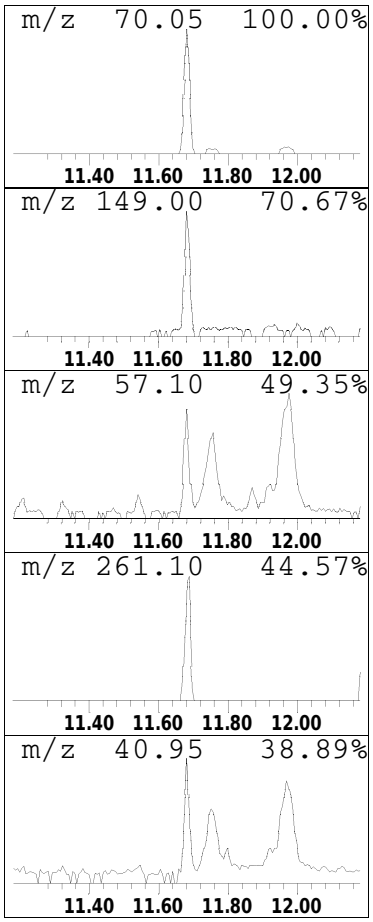
Peak Number 7 Unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.680	0.57 ug/ml	40897	IS1_Perylene-d12	12.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	35
2	5-Chloropentanoic acid, 2-ethylh...	248	C13H25ClO2	1000293-48-9	27
3	2-Propenoic acid, 2-ethylhexyl e...	184	C11H20O2	000103-11-7	16
4	2,5-Cyclohexadien-1-one, 3,5-dih...	154	C8H10O3	002065-00-1	16
5	Phthalic acid, 2-hexyl ester	250	C14H18O4	079107-80-5	12





Data Path : I:\8270\SV124\201227LVI\
Data File : 448411-1.D
Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
Sample : WG1448411-1,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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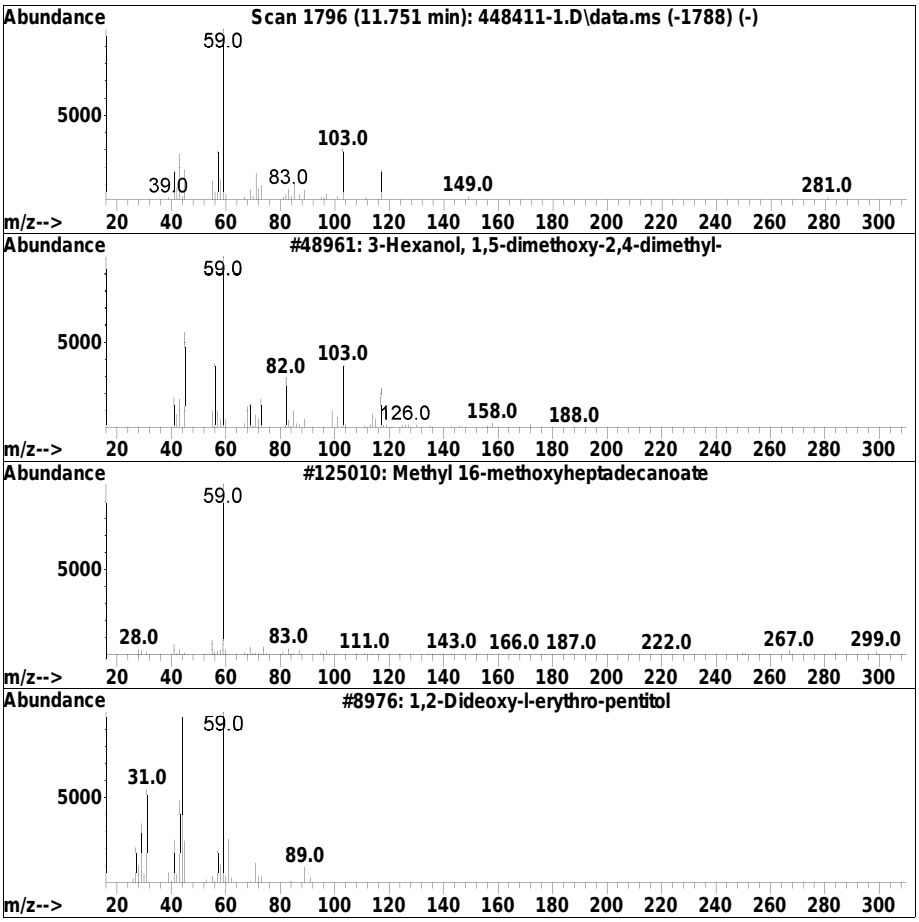
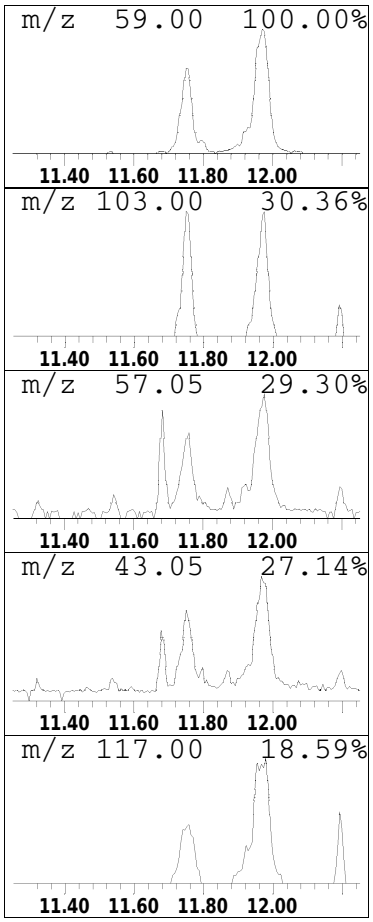
Peak Number 8 Unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	0.75 ug/ml	54069	IS1_Perylene-d12	12.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	50
2	Methyl 16-methoxyheptadecanoate	314	C19H38O3	1000110-18-2	47
3	1,2-Dideoxy-l-erythro-pentitol	120	C5H12O3	1000112-47-4	47
4	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	45
5	Butanamide	87	C4H9NO	000541-35-5	43





Data Path : I:\8270\SV124\201227LVI\
Data File : 448411-1.D
Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
Sample : WG1448411-1,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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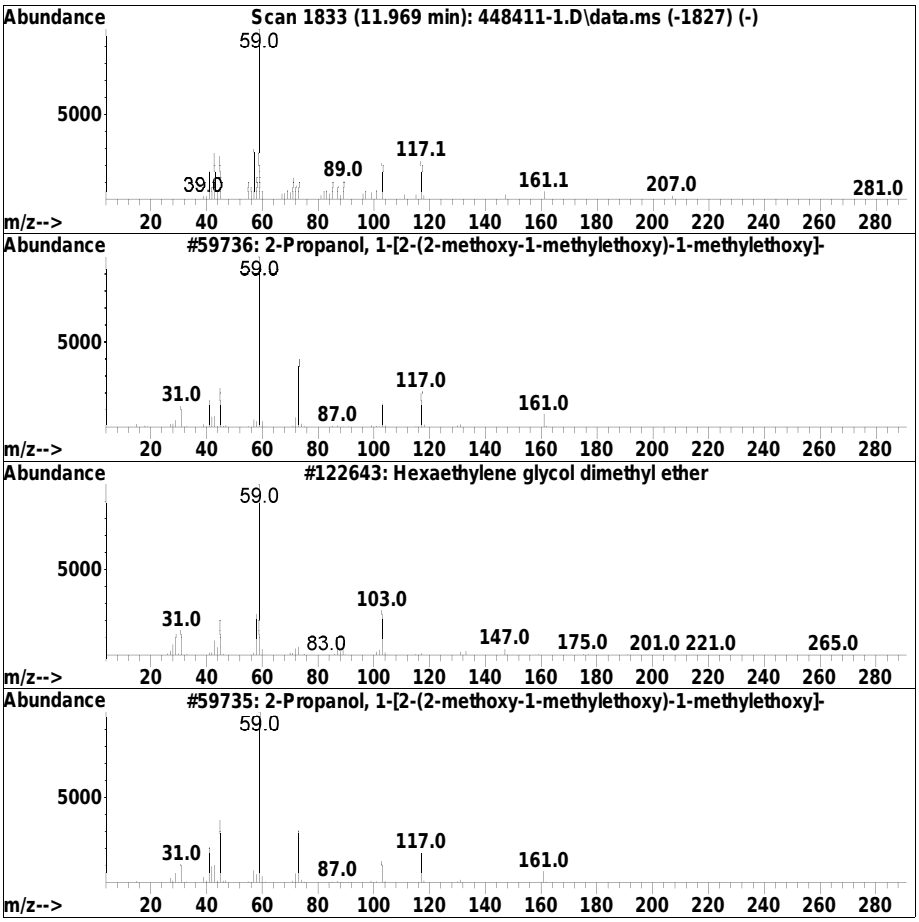
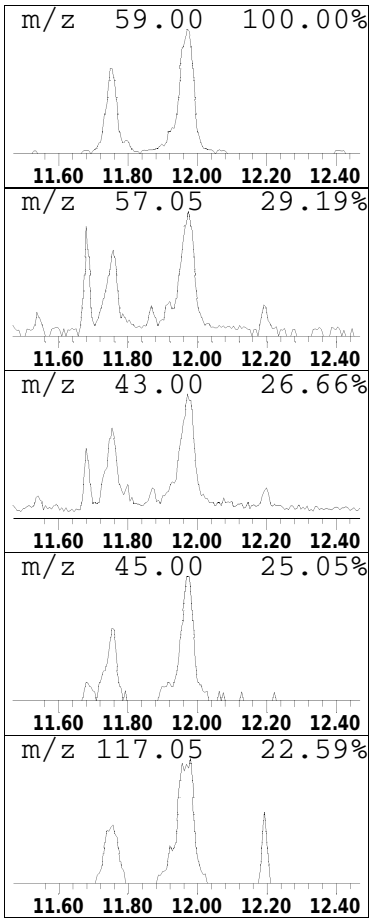
Peak Number 9 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	1.32 ug/ml	95745	IS1_Perylene-d12	12.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	53
2	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	50
3	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	50
4	Hydrazine, (1-methylpropyl)-	88	C4H12N2	030924-14-2	47
5	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	45





Data Path : I:\8270\SV124\201227LVI\
Data File : 448411-1.D
Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
Sample : WG1448411-1,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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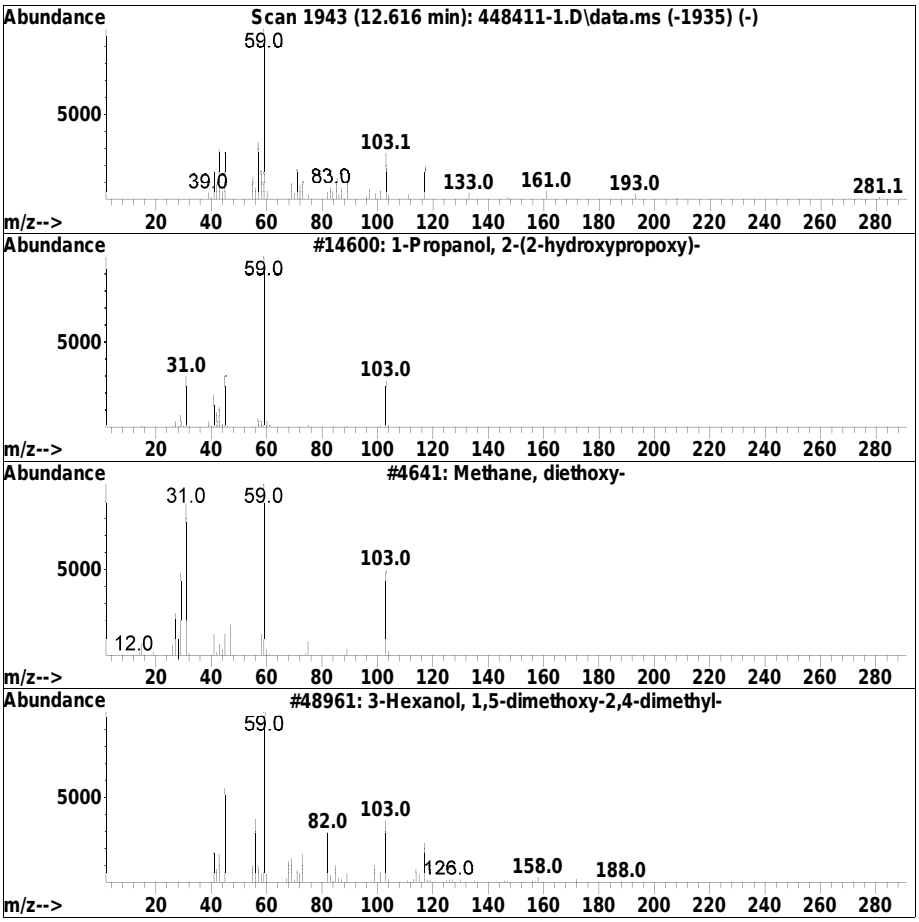
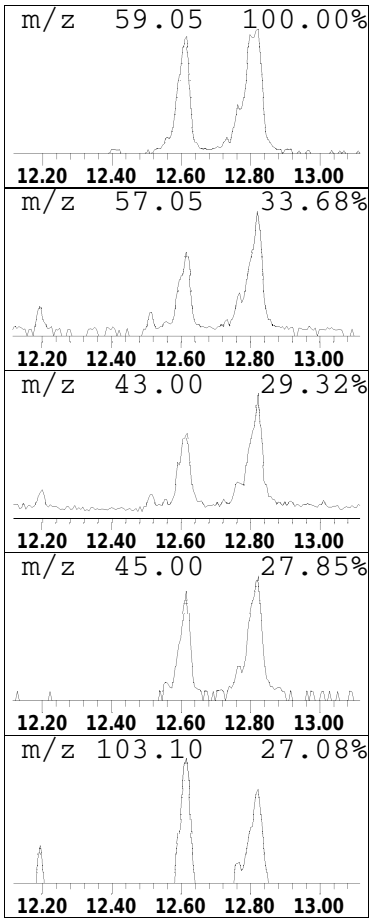
Peak Number 10 Unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	0.86 ug/ml	62248	IS1_Perylene-d12	12.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	49
3	3-Hexanol, 1,5-dimethoxy-2,4-dim...	190	C10H22O3	013897-22-8	47
4	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	45
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	43





Data Path : I:\8270\SV124\201227LVI\
Data File : 448411-1.D
Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
Sample : WG1448411-1,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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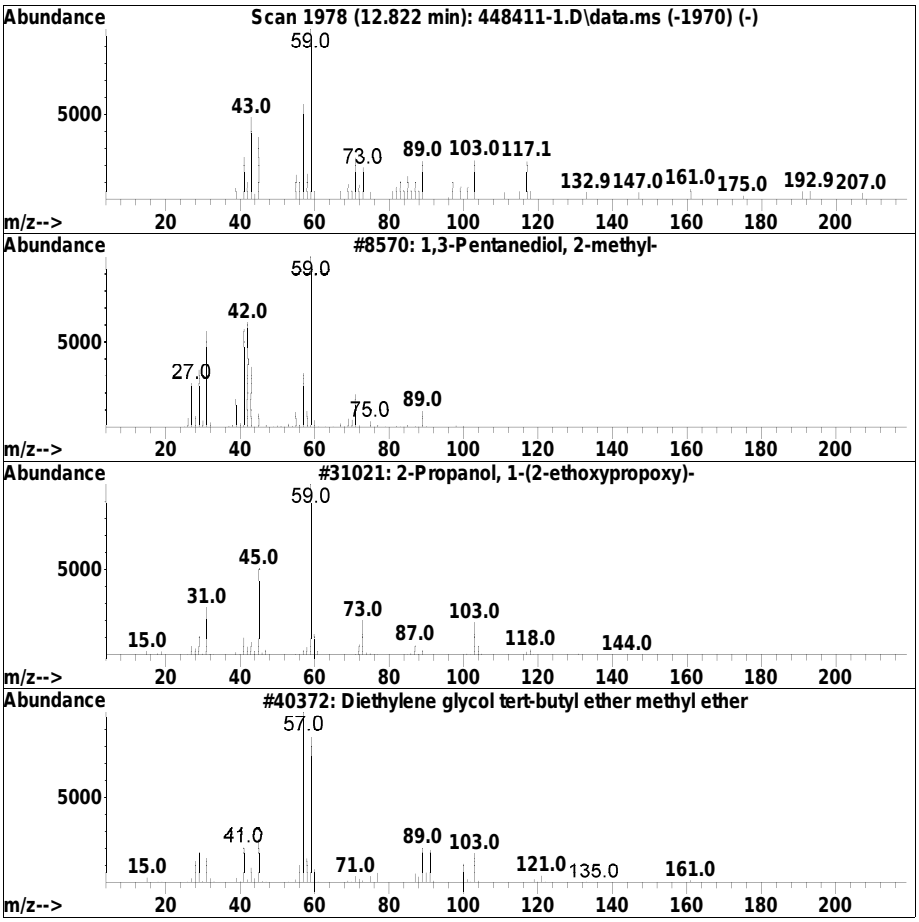
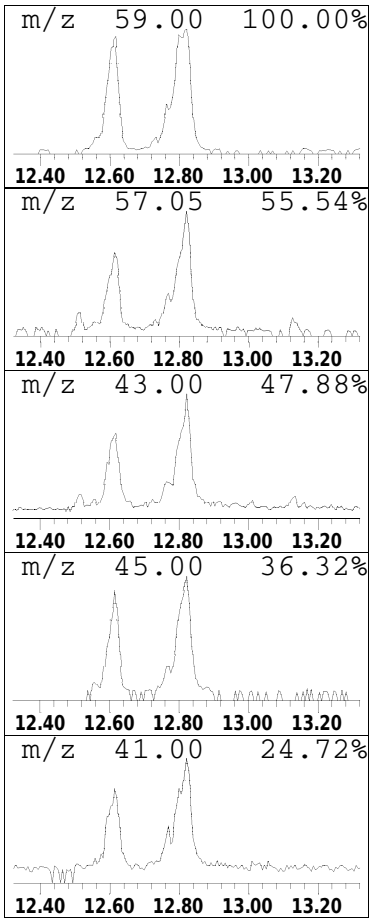
Peak Number 11 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.822	1.37 ug/ml	99493	IS1_Perylene-d12	12.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2-methyl-	118	C6H14O2	000149-31-5	43
2	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	40
3	Diethylene glycol tert-butyl eth...	176	C9H20O3	052788-79-1	40
4	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	38
5	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	38





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Data File : 448411-1.D
Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
Sample : WG1448411-1,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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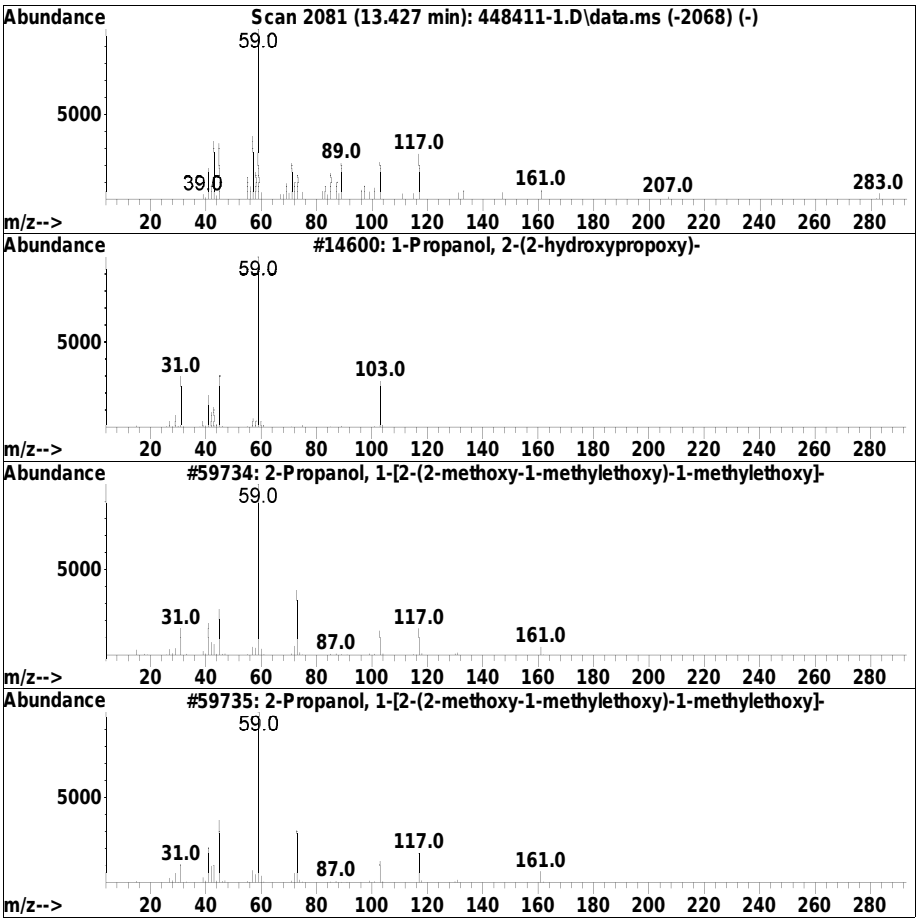
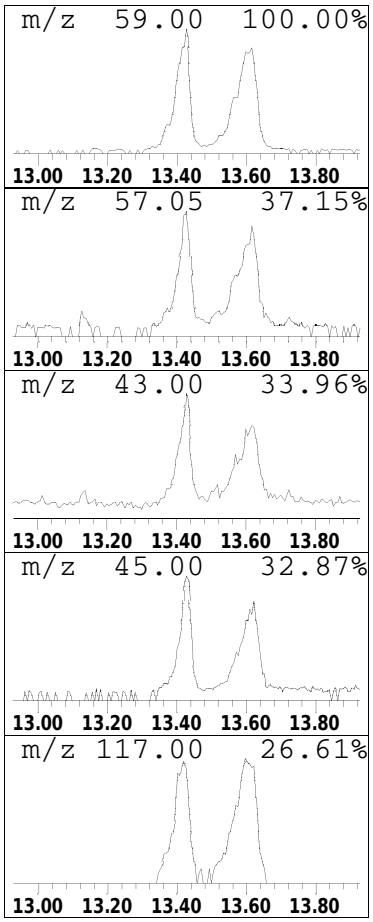
Peak Number 12 Unknown Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.427	1.04 ug/ml	75211	IS1_Perylene-d12	12.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	43
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	40
3	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	40
4	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	38
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	38





Data Path : I:\8270\SV124\201227LVI\
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Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
Sample : WG1448411-1,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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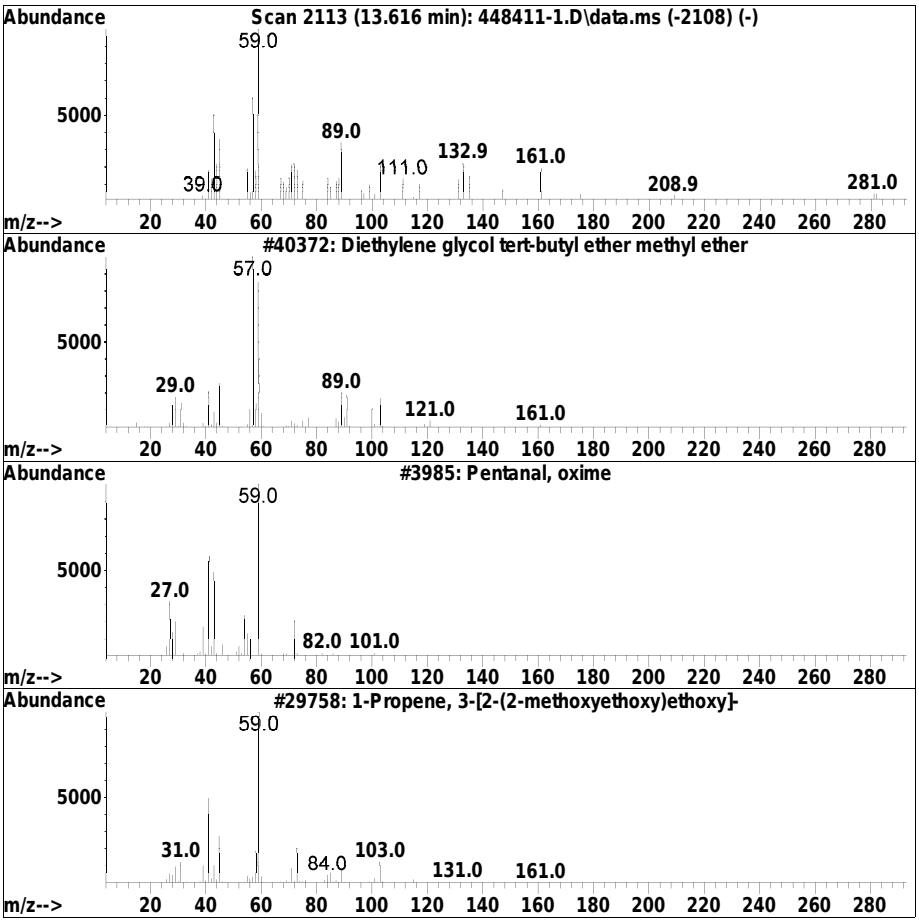
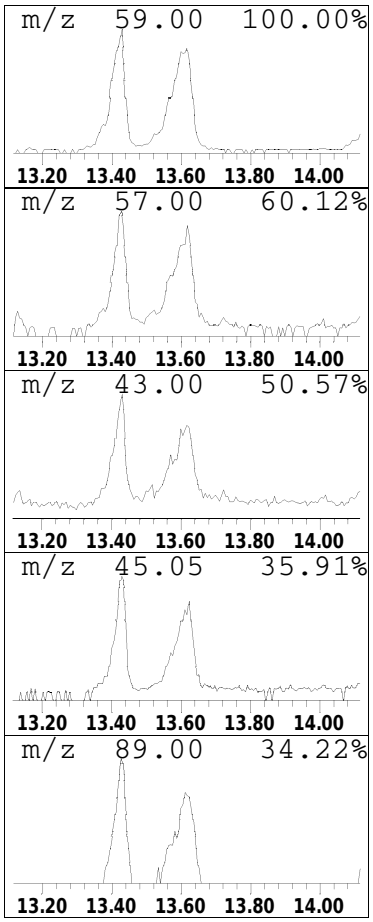
Peak Number 13 Unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.616	0.80 ug/ml	57867	IS1_Perylene-d12	12.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol tert-butyl eth...	176	C9H20O3	052788-79-1	37
2	Pentanal, oxime	101	C5H11NO	000628-79-5	35
3	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	35
4	Diethylene glycol tert-butyl eth...	176	C9H20O3	052788-79-1	25
5	Disilane, 1,1,2-trimethyl-	104	C3H12Si2	000814-74-4	23





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Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
Sample : WG1448411-1,32,,JT,
Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

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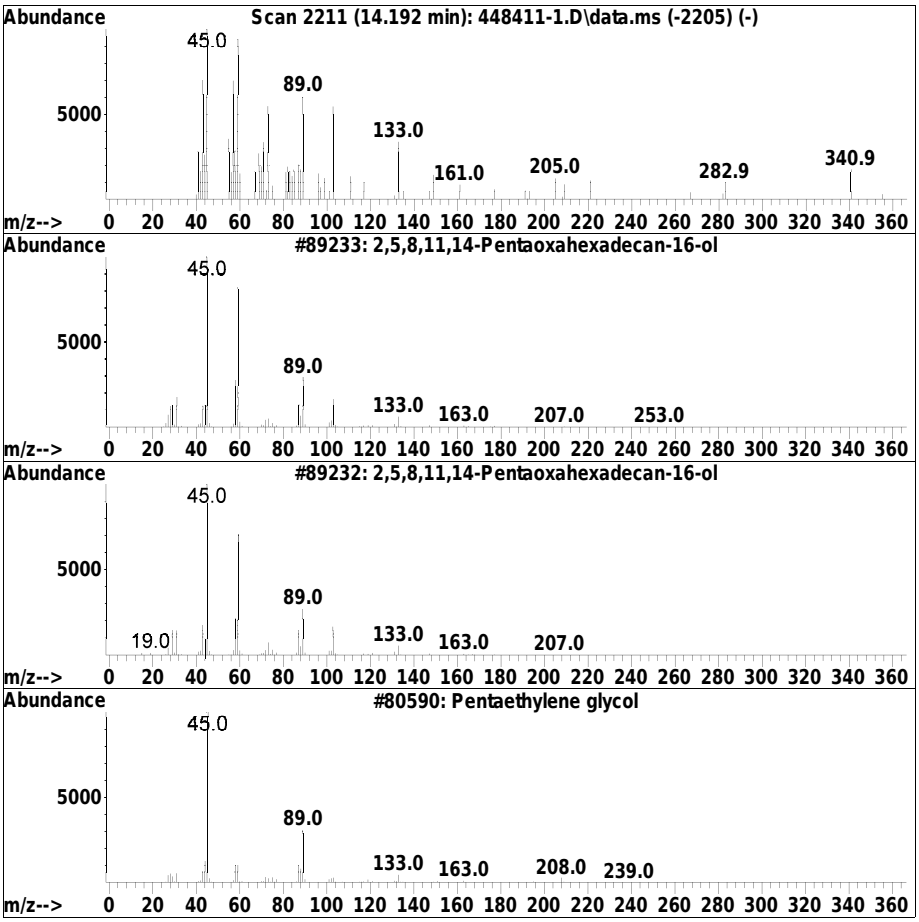
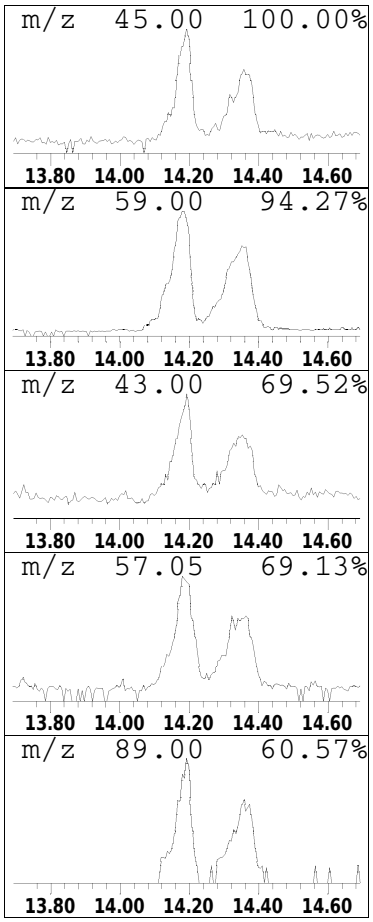
Peak Number 14 Unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	0.90 ug/ml	65448	IS1_Perylene-d12	12.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	50
2	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	50
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	38
4	Tetraethyleneglycol monomethylether	208	C9H20O5	023783-42-8	38
5	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	38





Tentatively Identified Compound (LSC) summary

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Data File : 448411-1.D
Acq On : 27 Dec 2020 4:49 am
Operator : SV124:wr
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Misc : WG1449122,WG1448411,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227LVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown Organic...	8.928	0.7	ug/ml	39869	11	8.239	237668	4.0
Unknown	10.175	0.5	ug/ml	32544	12	10.798	282843	4.0
Unknown	10.492	0.7	ug/ml	47899	12	10.798	282843	4.0
Unknown	10.857	0.5	ug/ml	33494	12	10.798	282843	4.0
Unknown Alcohol	11.086	1.2	ug/ml	84082	12	10.798	282843	4.0
Unknown	11.680	0.6	ug/ml	40897	13	12.192	289466	4.0
Unknown	11.751	0.7	ug/ml	54069	13	12.192	289466	4.0
Unknown	11.969	1.3	ug/ml	95745	13	12.192	289466	4.0
Unknown	12.616	0.9	ug/ml	62248	13	12.192	289466	4.0
Unknown	12.822	1.4	ug/ml	99493	13	12.192	289466	4.0
Unknown Alcohol	13.427	1.0	ug/ml	75211	13	12.192	289466	4.0
Unknown	13.616	0.8	ug/ml	57867	13	12.192	289466	4.0
Unknown	14.192	0.9	ug/ml	65448	13	12.192	289466	4.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV124\201227naLVI\
Data File : 448816-1.D
Acq On : 28 Dec 2020 12:42 am
Operator : SV124:wr
Sample : WG1448816-1,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 30 11:30:53 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:40:41 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.846	150	34005	4.000	ug/ml	0.00
Standard Area 1 = 40257			Recovery = 84.47%			
27) IS2_1,4-Dichlorobenzen...	3.846	150	34005	4.000	ug/ml	0.00
Standard Area 3 = 36729			Recovery = 92.58%			
32) IS3_1,4-Dichlorobenzen...	3.846	150	34005	4.000	ug/ml	0.00
Standard Area 2 = 39055			Recovery = 87.07%			
34) IS1_Naphthalene-d8	5.104	136	84410	4.000	ug/ml	0.00
Standard Area 1 = 95766			Recovery = 88.14%			
54) IS2_Naphthalene-d8	5.104	136	84410	4.000	ug/ml	0.00
Standard Area 3 = 91344			Recovery = 92.41%			
62) IS1_Acenaphthene-d10	6.798	164	45563	4.000	ug/ml	0.00
Standard Area 1 = 52020			Recovery = 87.59%			
82) IS2_Acenaphthene-d10	6.798	164	45563	4.000	ug/ml	0.00
Standard Area 3 = 49520			Recovery = 92.01%			
85) IS3_Acenaphthene-d10	6.798	164	45563	4.000	ug/ml	0.00
Standard Area 2 = 50610			Recovery = 90.03%			
87) IS1_Phenanthrene-d10	8.210	188	93274	4.000	ug/ml	0.00
Standard Area 1 = 106942			Recovery = 87.22%			
99) IS3_Phenanthrene-d10	8.210	188	93274	4.000	ug/ml	0.00
Standard Area 2 = 110971			Recovery = 84.05%			
103) IS1_Chrysene-d12	10.757	240	85086	4.000	ug/ml	0.00
Standard Area 1 = 106272			Recovery = 80.06%			
112) IS1_Perylene-d12	12.157	264	84371	4.000	ug/ml	0.00
Standard Area 1 = 105931			Recovery = 79.65%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.499	112	10333	1.940	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery. = 38.80%			
7) Phenol-d6	3.569	99	15375	2.202	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery. = 44.04%			
19) Nitrobenzene-d5	4.422	82	11110	1.766	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 70.64%			
45) 2-Fluorobiphenyl	6.193	172	28048	1.635	ug/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery. = 65.40%			
78) 2,4,6-Tribromophenol	7.563	330	3428	1.270	ug/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery. = 25.40%			

Data Path : I:\8270\SV124\201227naLVI\
Data File : 448816-1.D
Acq On : 28 Dec 2020 12:42 am
Operator : SV124:wr
Sample : WG1448816-1,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 30 11:30:53 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:40:41 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) 4-Terphenyl-d14	9.798	244	42479	2.002	ug/ml	0.00

Spiked Amount 2.500 Range 30 - 130 Recovery. = 80.08%

Target Compounds				Qvalue
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	
21) Isophorone	0.000	0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
35) Naphthalene	0.000	0	N.D.	
37) 4-Chloroaniline	0.000	0	N.D.	
40) 2-Methylnaphthalene	0.000	0	N.D.	
42) Hexachlorocyclopentadiene	0.000	0	N.D.	
46) 2-Chloronaphthalene	0.000	0	N.D.	
47) 2-Nitroaniline	0.000	0	N.D.	
50) Dimethyl phthalate	0.000	0	N.D.	
51) Acenaphthylene	0.000	0	N.D.	
52) 2,6-Dinitrotoluene	0.000	0	N.D.	
59) Caprolactam	0.000	0	N.D.	
60) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
61) Biphenyl	0.000	0	N.D.	
63) 3-Nitroaniline	0.000	0	N.D.	
64) Acenaphthene	0.000	0	N.D.	
66) Dibenzofuran	0.000	0	N.D.	
67) 2,4-Dinitrotoluene	0.000	0	N.D.	
71) Diethyl phthalate	0.000	0	N.D.	
72) Fluorene	0.000	0	N.D.	
73) 4-Chlorophenyl phenyl ...	0.000	0	N.D.	
74) 4-Nitroaniline	0.000	0	N.D.	
76) NDPA/DPA	0.000	0	N.D.	
79) 4-Bromophenyl phenyl e...	0.000	0	N.D.	
86) Atrazine	0.000	0	N.D.	
88) Phenanthrene	0.000	0	N.D.	

Data Path : I:\8270\SV124\201227naLVI\
Data File : 448816-1.D
Acq On : 28 Dec 2020 12:42 am
Operator : SV124:wr
Sample : WG1448816-1,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 30 11:30:53 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:40:41 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270\SV124\201227naLVI\ABN1227n.D
: 2 - i:\8270\SV124\201227naLVI\ADP1227n.D
: 3 - i:\8270\SV124\201227naLVI\AP91227n.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89)	Anthracene	0.000		0	N.D.		
90)	Carbazole	0.000		0	N.D.		
91)	Di-n-butylphthalate	0.000		0	N.D.	d	
92)	Fluoranthene	0.000		0	N.D.		
94)	Pyrene	0.000		0	N.D.		
96)	Butyl benzyl phthalate	0.000		0	N.D.		
105)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
106)	Chrysene	0.000		0	N.D.		
107)	Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
108)	Di-n-octylphthalate	0.000		0	N.D.	d	
115)	Benzo(ghi)perylene	0.000		0	N.D.		

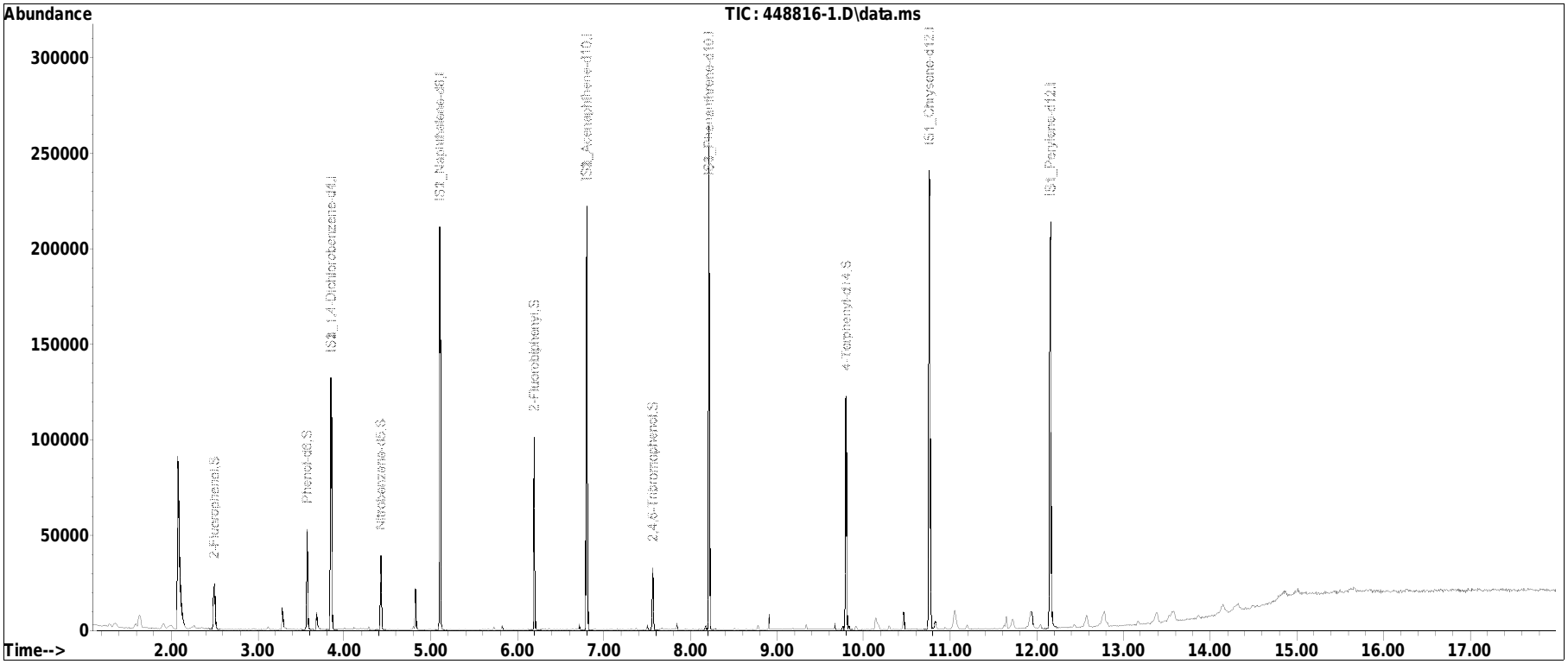
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV124\201227naLVI\
Data File : 448816-1.D
Acq On : 28 Dec 2020 12:42 am
Operator : SV124:wr
Sample : WG1448816-1,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 30 11:30:53 2020
Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 09:40:41 2020
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAnaLVI\AP91227n.D•



Manual Integration/Negative Proof Report

Data Path	: I:\8270\SV124\201227naLVI\	QMethod	: FS201203SV124.m
Data File	: 448816-1.D	Operator	: SV124:wr
Date Inj'd	: 12/28/2020 12:42 am	Instrument	: SV124
Sample	: WG1448816-1,32,,JRW,	Quant Date	: 12/28/2020 9:40 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 448816-1.D
Acq On : 28 Dec 2020 12:42 am
Operator : SV124:wr
Sample : WG1448816-1,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 448816-1.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.293	32	35	39	rVB3	1512	2638	1.11%	0.137%
2	1.346	39	44	45	rBV3	1841	2564	1.08%	0.133%
3	1.593	79	86	89	rBV3	2447	4389	1.85%	0.227%
4	1.634	89	93	100	rVB4	6461	13798	5.81%	0.715%
5	1.916	133	141	146	rBV3	3016	6894	2.90%	0.357%
6	1.999	146	155	163	rVV3	2107	6741	2.84%	0.349%
7	2.075	165	168	188	rBV	90664	162420	68.42%	8.417%
8	2.263	198	200	209	rVB2	1836	3114	1.31%	0.161%
9	2.499	236	240	247	rVB	23819	33656	14.18%	1.744%
10	3.281	370	373	385	rBV	11580	14390	6.06%	0.746%
11	3.569	419	422	428	rVB	52391	43803	18.45%	2.270%
12	3.681	438	441	448	rBV	8864	9432	3.97%	0.489%
13	3.846	466	469	478	rBV	131888	129470	54.54%	6.710%
14	4.422	564	567	573	rVB	38835	33200	13.98%	1.721%
15	4.822	633	635	642	rVB	21840	16085	6.78%	0.834%
16	5.104	680	683	687	rBV	210943	171212	72.12%	8.873%
17	6.193	865	868	872	rBV	100869	79613	33.53%	4.126%
18	6.798	968	971	975	rBV	221808	199207	83.91%	10.324%
19	7.563	1098	1101	1104	rBV	32846	25062	10.56%	1.299%
20	7.839	1146	1148	1151	rVB	3419	2751	1.16%	0.143%
21	8.210	1208	1211	1215	rBV	264348	226964	95.60%	11.762%
22	8.781	1305	1308	1312	rVB	2496	2625	1.11%	0.136%
23	8.898	1325	1328	1331	rVB2	8148	7175	3.02%	0.372%
24	9.798	1477	1481	1484	rBV	122244	114890	48.39%	5.954%
25	9.910	1498	1500	1504	rBV3	2021	2694	1.13%	0.140%
26	10.145	1535	1540	1549	rVB3	6006	13156	5.54%	0.682%
27	10.457	1589	1593	1597	rBV2	9419	9947	4.19%	0.515%
28	10.757	1640	1644	1649	rVV	239640	237403	100.00%	12.303%

LSC Area Percent Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 448816-1.D
Acq On : 28 Dec 2020 12:42 am
Operator : SV124:wr
Sample : WG1448816-1,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Title : Semivolatiles by GC/MS by modified 8270

29	10.828	1651	1656	1662	rVB	4269	7942	3.35%	0.412%
30	11.051	1686	1694	1703	rBV2	9837	21970	9.25%	1.139%
31	11.186	1714	1717	1722	rVB2	2249	2797	1.18%	0.145%
32	11.645	1792	1795	1798	rVB	6471	6427	2.71%	0.333%
33	11.716	1798	1807	1815	rBV3	5061	10476	4.41%	0.543%
34	11.933	1837	1844	1852	rVB2	8725	21365	9.00%	1.107%
35	12.157	1877	1882	1892	rBV	212832	234247	98.67%	12.140%
36	12.574	1946	1953	1959	rBV4	6139	11542	4.86%	0.598%
37	12.780	1980	1988	1992	rBV3	6431	13746	5.79%	0.712%
38	13.174	2052	2055	2059	rBV2	2333	3540	1.49%	0.183%
39	13.386	2085	2091	2095	rVB4	4811	9977	4.20%	0.517%
40	13.527	2110	2115	2117	rBV4	3286	5799	2.44%	0.301%
41	13.863	2168	2172	2178	rBV9	2046	4495	1.89%	0.233%

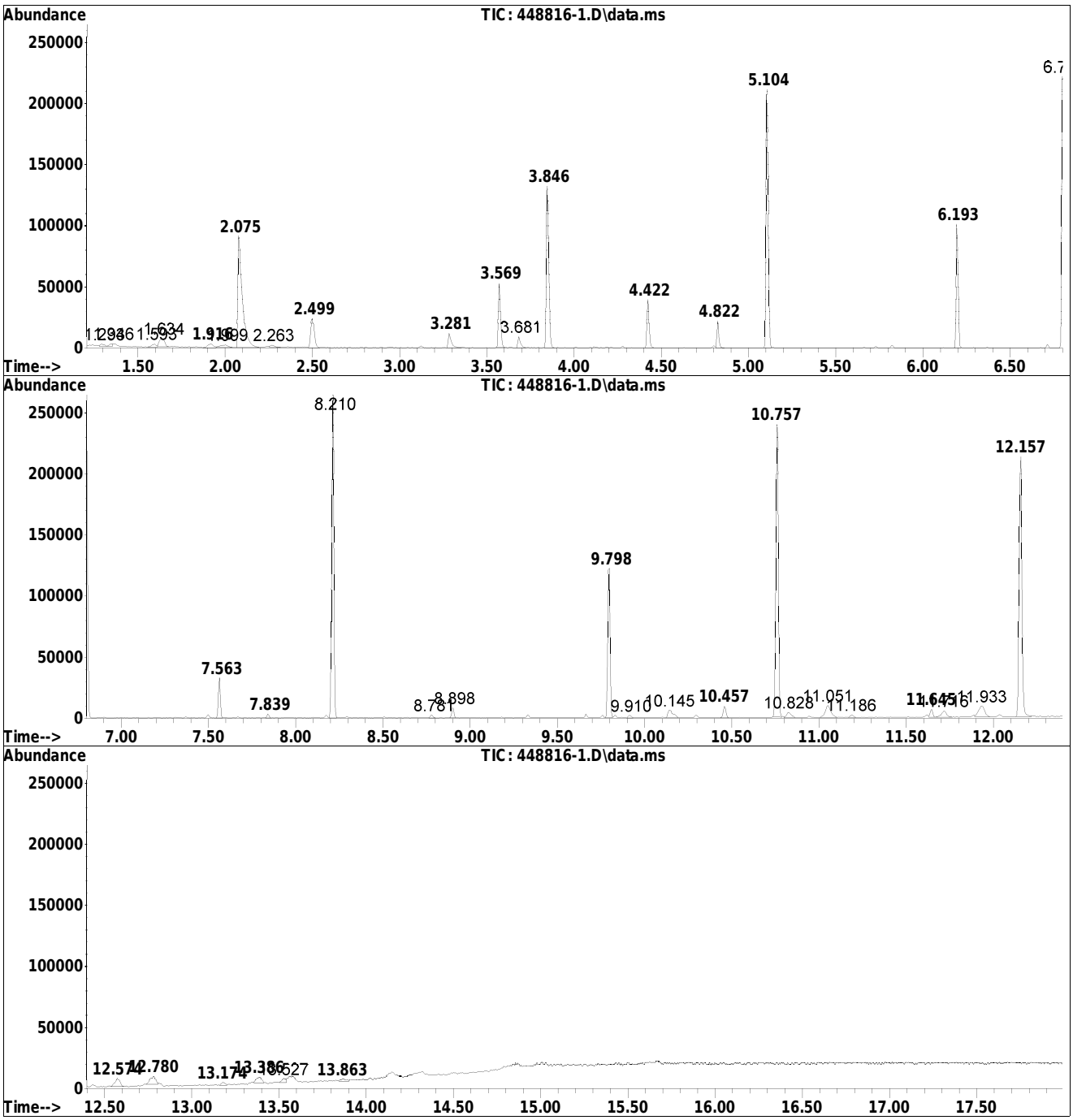
Sum of corrected areas: 1929616

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV124\201227naLVI\
Data File : 448816-1.D
Acq On : 28 Dec 2020 12:42 am
Operator : SV124:wr
Sample : WG1448816-1,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\SV124\201227naLVI\
Data File : 448816-1.D
Acq On : 28 Dec 2020 12:42 am
Operator : SV124:wr
Sample : WG1448816-1,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

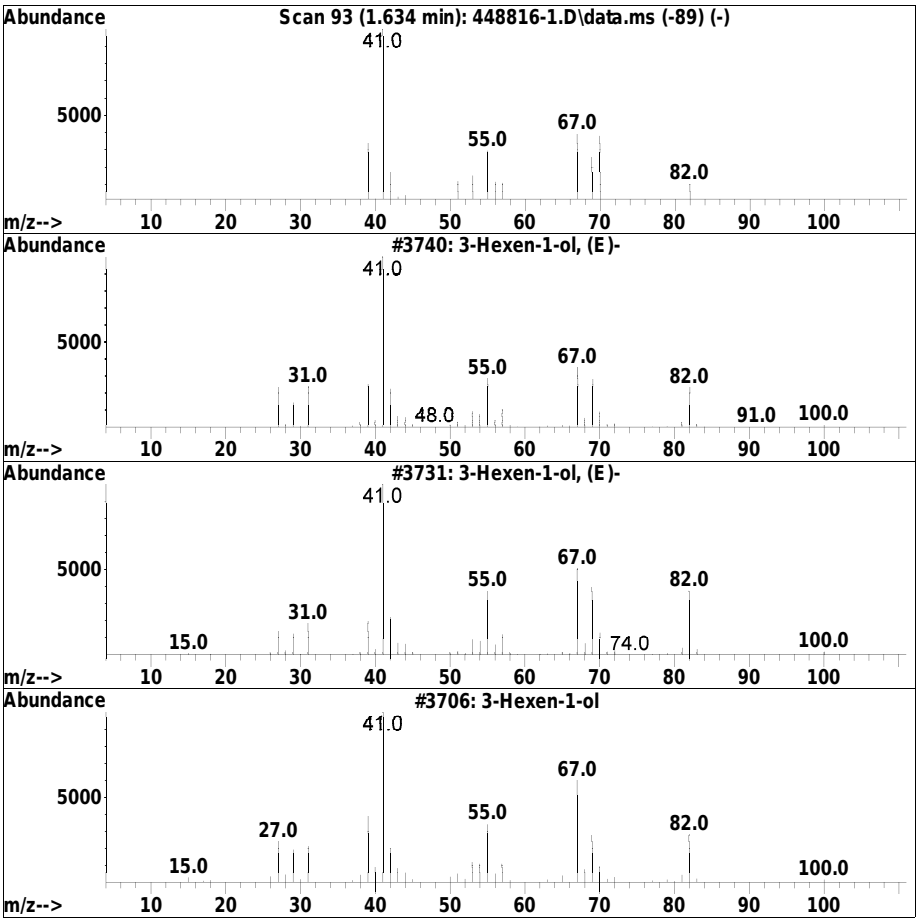
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

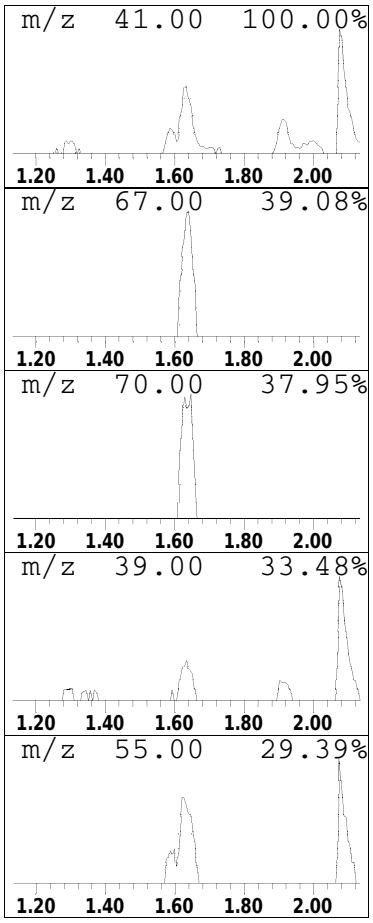
****

Peak Number 1 Unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.634	0.43 ug/ml	13798	IS2_1,4-Dichlorobenzene-d4	3.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	59
2	3-Hexen-1-ol, (E)-	100	C6H12O	000928-97-2	42
3	3-Hexen-1-ol	100	C6H12O	000544-12-7	40
4	2-Butenenitrile	67	C4H5N	004786-20-3	9
5	(E)-1,3-Butadien-1-ol	70	C4H6O	070411-98-2	9





Library Search Compound Report

Data Path : I:\8270\SV124\201227naLVI\
Data File : 448816-1.D
Acq On : 28 Dec 2020 12:42 am
Operator : SV124:wr
Sample : WG1448816-1,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

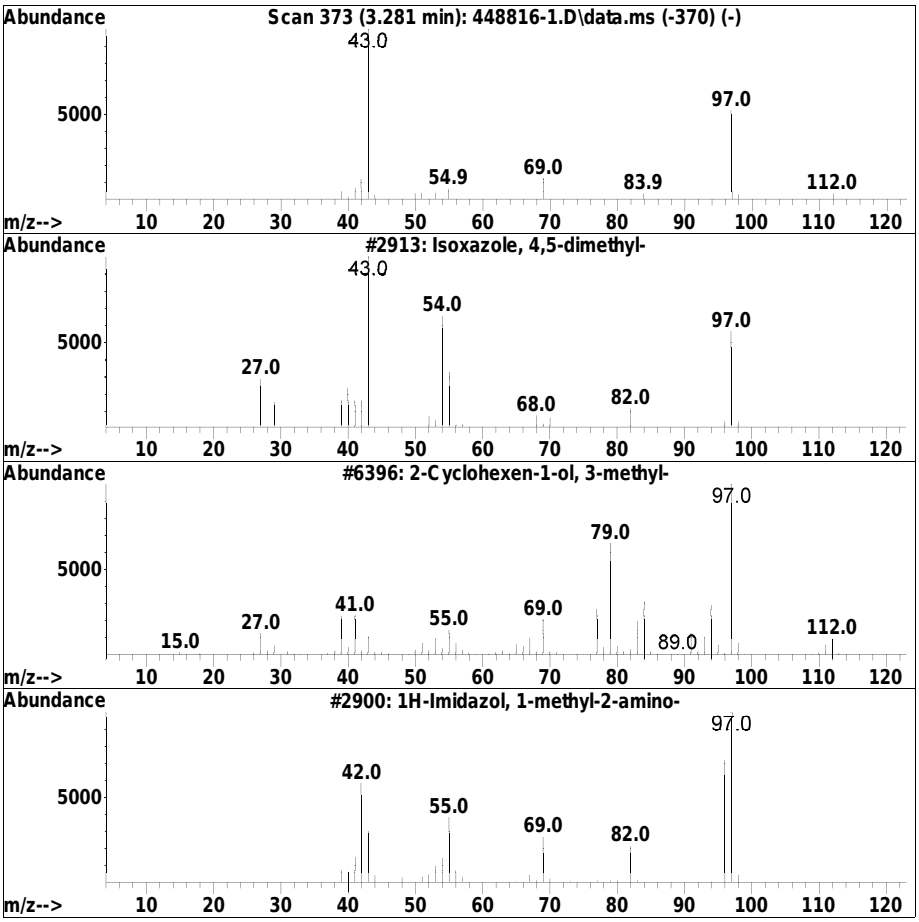
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

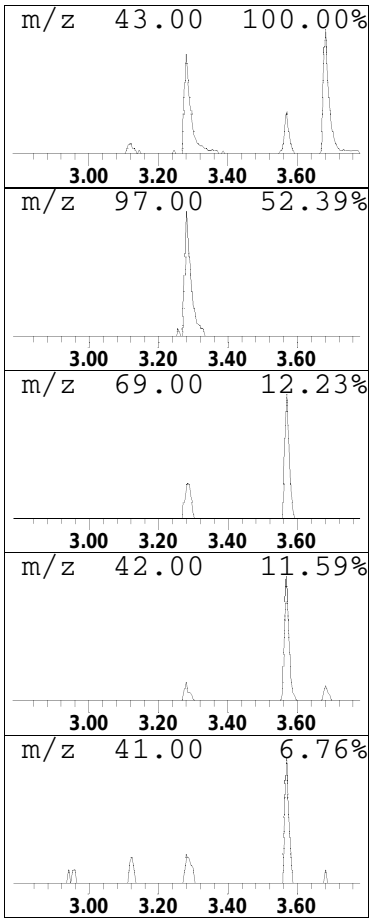
****

Peak Number 3 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.281	0.44 ug/ml	14390	IS2_1,4-Dichlorobenzene-d4	3.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoxazole, 4,5-dimethyl-	97	C5H7NO	007064-40-6	45
2	2-Cyclohexen-1-ol, 3-methyl-	112	C7H12O	021378-21-2	9
3	1H-Imidazol, 1-methyl-2-amino-	97	C4H7N3	006646-51-1	9
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	9
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	9





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV124\201227naLVI\
Data File : 448816-1.D
Acq On : 28 Dec 2020 12:42 am
Operator : SV124:wr
Sample : WG1448816-1,32,,JRW,
Misc : WG1449238,WG1448816,ICAL17399
ALS Vial : 1 Sample Multiplier: 1

Quant Method : i:\8270\SV124\201227naLVI\FS201203SV124.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.634	0.4	ug/ml	13798	1	3.846	129470	4.0
Unknown	3.281	0.4	ug/ml	14390	1	3.846	129470	4.0

GC/MS Extractable Analysis
Method 8270
Selective Ion Monitoring

Sample Results Summary

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-01	**Date Collected**	: 12/18/20 09:21
Client ID	: MW-1	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 16:54
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 56917-01	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-02	**Date Collected**	: 12/18/20 11:36
Client ID	: MW-2	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 17:15
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 56917-02	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	0.04	0.10	0.02	J
50-32-8	Benzo(a)pyrene	0.02	0.10	0.02	J
205-99-2	Benzo(b)fluoranthene	0.07	0.10	0.01	J
207-08-9	Benzo(k)fluoranthene	0.05	0.10	0.01	J
53-70-3	Dibenzo(a,h)anthracene	0.06	0.10	0.01	J
193-39-5	Indeno(1,2,3-cd)pyrene	0.06	0.10	0.01	J
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-03	**Date Collected**	: 12/18/20 09:41
Client ID	: MW-3	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 17:36
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 56917-03	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-04	**Date Collected**	: 12/18/20 10:46
Client ID	: MW-4	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 18:18
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 56917-04	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-05	**Date Collected**	: 12/18/20 11:51
Client ID	: MW-5	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 18:39
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 56917-05	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Base/Neutral Extractables by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-06	**Date Collected**	: 12/18/20 10:31
Client ID	: MW-6	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 19:00
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 56917-06	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV128
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1448415-1	**Date Collected**	: NA
Client ID	: WG1448415-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/26/20 15:39
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 448415-1	**Analyst**	: WR
Sample Amount	: 275 ml	**Instrument ID**	: SV125
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1448817-1	**Date Collected**	: NA
Client ID	: WG1448817-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/29/20 17:36
Sample Matrix	: WATER	**Date Extracted**	: 12/23/20
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 448817-1	**Analyst**	: DV
Sample Amount	: 275 ml	**Instrument ID**	: SV125
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
118-74-1	Hexachlorobenzene	ND	0.02	0.01	U
87-68-3	Hexachlorobutadiene	ND	1.0	0.05	U

Tuning Results Summary

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV128	**Analysis Date**	: 09/16/20 15:34
Tune Standard	: R1350525-12	**Tune File ID**	: tune_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	30.8
68	Less than 2.0% of mass 69	0.5 (1.5)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	47.4
197	Less than 2.0% of mass 198	0.3
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	26
365	Greater than 1.0% of mass 198	3.2
441	Present, but less than 24% of mass 442	16.6
442	Base Peak, or >50% of mass 198	82.1
443	15.0 - 24.0% of mass 442	16.6 (20.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
L1	R1350525-3	IL10	09/16/20 15:52
IL9	R1350525-11	IL9	09/16/20 16:12
IL8	R1350525-9	IL8	09/16/20 16:32
IL7	R1350525-10	IL7	09/16/20 16:52
IL6	R1350525-8	IL6	09/16/20 17:13
IL5	R1350525-6	IL5	09/16/20 17:34
IL4	R1350525-7	IL4	09/16/20 17:55
IL3	R1350525-5	IL3	09/16/20 18:16
IL2	R1350525-4	IL2	09/16/20 18:37
IL1	R1350525-2	IL1	09/16/20 18:58
ICV Quant Report	R1350525-1	ICV	09/16/20 19:20

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV128	**Analysis Date**	: 12/29/20 10:33
Tune Standard	: WG1449874-1	**Tune File ID**	: deg1229_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	32.7
68	Less than 2.0% of mass 69	0.6 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	48.1
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	25.9
365	Greater than 1.0% of mass 198	3.2
441	Present, but less than 24% of mass 442	15.9
442	Base Peak, or >50% of mass 198	87.1
443	15.0 - 24.0% of mass 442	17.2 (19.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1449874-3CCAL	WG1449874-3	CCV1229	12/29/20 11:07
MW-1	L2056917-01	56917-01	12/29/20 16:54
MW-2	L2056917-02	56917-02	12/29/20 17:15
MW-3	L2056917-03	56917-03	12/29/20 17:36
MW-4	L2056917-04	56917-04	12/29/20 18:18
MW-5	L2056917-05	56917-05	12/29/20 18:39
MW-6	L2056917-06	56917-06	12/29/20 19:00

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV125	**Analysis Date**	: 09/17/20 14:19
Tune Standard	: R1351345-11	**Tune File ID**	: Tune_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	79.1
68	Less than 2.0% of mass 69	1 (1.7)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	67.6
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	26.1
365	Greater than 1.0% of mass 198	3.2
441	Present, but less than 24% of mass 442	18.7
442	Base Peak, or >50% of mass 198	90.1
443	15.0 - 24.0% of mass 442	16 (17.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
IL10	R1351345-1	IL10	09/17/20 14:51
IL9	R1351345-9	IL9	09/17/20 15:10
IL8	R1351345-8	IL8	09/17/20 15:28
IL7	R1351345-12	IL7	09/17/20 15:47
IL6	R1351345-6	IL6	09/17/20 16:06
IL5	R1351345-7	IL5	09/17/20 16:25
IL4	R1351345-4	IL4	09/17/20 16:43
IL3	R1351345-3	IL3	09/17/20 17:02
IL2	R1351345-5	IL2	09/17/20 17:21
IL1	R1351345-2	IL1	09/17/20 17:40
ICV Quant Report	R1351345-10	ICV	09/17/20 17:59

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV125	**Analysis Date**	: 12/26/20 11:42
Tune Standard	: WG1449043-1	**Tune File ID**	: deg1226_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	58.8
68	Less than 2.0% of mass 69	1 (1.7)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	59.6
197	Less than 2.0% of mass 198	0.3
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7.3
275	10.0 - 60.0% of Base Peak	23.6
365	Greater than 1.0% of mass 198	2.1
441	Present, but less than 24% of mass 442	17.6
442	Base Peak, or >50% of mass 198	68.6
443	15.0 - 24.0% of mass 442	14.6 (21.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1449043-3CCAL	WG1449043-3	CCV1226	12/26/20 12:01
WG1448415-2LCS	WG1448415-2	448415-2	12/26/20 15:01
WG1448415-3LCSD	WG1448415-3	448415-3	12/26/20 15:20
WG1448415-1BLANK	WG1448415-1	448415-1	12/26/20 15:39

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV125	**Analysis Date**	: 12/29/20 09:52
Tune Standard	: WG1449854-1	**Tune File ID**	: deg1229_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	52.9
68	Less than 2.0% of mass 69	0.4 (.8)1
69		100
70	Less than 2.0% of mass 69	0.1 (.2)1
127	10.0 - 80.0% of Base Peak	57.3
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.2
275	10.0 - 60.0% of Base Peak	22.4
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	17.5
442	Base Peak, or >50% of mass 198	88.6
443	15.0 - 24.0% of mass 442	17.8 (20.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1449854-3CCAL	WG1449854-3	CCV1229	12/29/20 10:22
WG1448817-2LCS	WG1448817-2	448817-2	12/29/20 16:56
WG1448817-3LCSD	WG1448817-3	448817-3	12/29/20 17:15
WG1448817-1BLANK	WG1448817-1	448817-1	12/29/20 17:36

Blank Results Summary

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab Sample ID	: WG1448415-1	**Lab File ID**	: 448415-1
Instrument ID	: SV125	**Extraction Date**	: 12/23/20
Matrix	: WATER	**Analysis Date**	: 12/26/20 15:39
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1448415-2LCS	WG1448415-2	12/26/20 15:01
WG1448415-3LCSD	WG1448415-3	12/26/20 15:20
MW-1	L2056917-01	12/29/20 16:54

Method Blank Summary
Form 4
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab Sample ID	: WG1448817-1	**Lab File ID**	: 448817-1
Instrument ID	: SV125	**Extraction Date**	: 12/23/20
Matrix	: WATER	**Analysis Date**	: 12/29/20 17:36
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1448817-2LCS	WG1448817-2	12/29/20 16:56
MW-2	L2056917-02	12/29/20 17:15
WG1448817-3LCSD	WG1448817-3	12/29/20 17:15
MW-3	L2056917-03	12/29/20 17:36
MW-4	L2056917-04	12/29/20 18:18
MW-5	L2056917-05	12/29/20 18:39
MW-6	L2056917-06	12/29/20 19:00

Standards Data Summary

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2056917**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: SV128**	**Ical Ref**	**: ICAL17133**
Calibration dates	**: 09/16/20 15:52 09/16/20 18:58**		

Calibration Files
L1 =IL1.D L2 =IL2.D L3 =IL3.D L4 =IL4.D L5 =IL5.D L6 =IL6.D L7 =IL7.D L8 =IL8.D
L9 =IL9.D L10 =IL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD	
1)	i	1,4-Dichlorobenzene-d4	----------ISTD----------												
2)	T	1,4-Dioxane			0.413	0.393	0.410	0.396	0.379	0.369	0.399	0.534	0.412	12.55	
3)	s	2-Fluorophenol		0.834	0.877	0.893	0.924	0.934	0.959	0.950	1.011		0.923	5.92	
4)	s	Phenol-d6		0.978	0.990	1.021	1.063	1.074	1.082	1.090	1.170		1.058	5.86	
5)	T	bis(2-Chloroethyl)ether		1.030	0.949	0.937	0.951	0.940	0.972	0.941	0.963	0.945	0.959	3.01	
6)	T	n-Nitrosodi-n-propylamine			0.556	0.546	0.562	0.577	0.579	0.598	0.604	0.612	0.579	4.10	
7)	t	Hexachloroethane			0.485	0.493	0.493	0.490	0.480	0.472	0.482	0.487	0.485	1.45	
8)	s	Nitrobenzene-d5		0.834	0.867	0.872	0.871	0.924	0.905	0.926	0.966		0.896	4.74	
9)	i	Naphthalene-d8	----------ISTD----------												
10)	t	Naphthalene		1.111	1.041	1.055	1.047	1.042	1.000	0.957	0.989	0.965	1.023	4.82	
11)	t	Hexachlorobutadiene			0.289	0.243	0.239	0.233	0.224	0.216	0.216	0.218	0.235	10.41	
12)	t	2-Methylnaphthalene		0.700	0.688	0.697	0.689	0.701	0.684	0.679	0.689	0.686	0.690	1.08	
13)	t	1-Methylnaphthalene		0.685	0.640	0.663	0.650	0.659	0.640	0.633	0.635	0.636	0.649	2.68	
14)	s	2-Fluorobiphenyl		1.130	0.970	0.899	0.916	0.893	0.858	0.828	0.803	0.797	0.899	11.45	
15)	t	2-Chloronaphthalene		0.700	0.701	0.716	0.712	0.724	0.705	0.686	0.680	0.685	0.701	2.14	
16)	t	Acenaphthylene		0.962	0.967	0.999	1.005	1.044	1.074	1.111	1.094	1.112	1.041	5.76	
17)	i	Acenaphthene-d10	----------ISTD----------												
18)	t	Acenaphthene		1.441	1.421	1.388	1.394	1.364	1.322	1.255	1.312	1.280	1.353	4.75	
19)	t	Fluorene		1.428	1.363	1.391	1.405	1.412	1.408	1.382	1.406	1.405	1.400	1.34	
20)	s	2,4,6-Tribromophenol			0.211	0.214	0.239	0.246	0.269	0.284	0.283	0.287	0.254	12.23	
21)	i	Phenanthrene-d10	----------ISTD----------												
22)	T	4,6-Dinitro-o-cresol				0.018	0.035	0.038	0.064	0.091	0.102	0.109		*Q	0.9981
23)	t	Hexachlorobenzene	0.282	0.290	0.285	0.282	0.288	0.282	0.275	0.263	0.267	0.267	0.278	3.37	
24)	t	Pentachlorophenol			0.025	0.035	0.039	0.063	0.087	0.124				*Q	0.9991
25)	t	Phenanthrene		1.255	1.110	1.092	1.134	1.093	1.050	0.995	1.019	1.011	1.084	7.38	
26)	t	Anthracene		0.966	0.992	1.001	1.005	1.004	1.019	1.027	1.055	1.051	1.013	2.80	
27)	t	Fluoranthene		1.209	1.161	1.144	1.158	1.168	1.139	1.158	1.181	1.178	1.166	1.81	
28)	t	Pyrene		1.296	1.201	1.169	1.182	1.192	1.188	1.193	1.211	1.204	1.204	3.04	
29)	s	4-Terphenyl-d14		1.123	0.910	0.977	0.900	0.961	0.919	0.914	0.885	0.890	0.942	7.90	
30)	i	Chrysene-d12	----------ISTD----------												
31)	t	Benzo[a]anthracene		2.108	1.434	1.244	1.180	1.091	1.092	1.091	1.119	1.131		*L	0.9998
32)	t	Chrysene		1.385	1.366	1.316	1.324	1.304	1.219	1.134	1.169	1.132	1.261	7.84	
33)	T	bis(2-Ethylhexyl)phthalate			0.462	0.438	0.395	0.414	0.449	0.600	0.569	0.643	0.496	18.89	
34)	i	Perylene-d12	----------ISTD----------												
35)	t	Benzo[b]fluoranthene		1.181	1.166	1.160	1.122	1.092	1.173	1.170	1.218	1.245	1.170	3.88	
36)	t	Benzo[k]fluoranthene		1.116	1.088	1.067	1.147	1.168	1.131	1.196	1.191	1.149	1.139	3.82	

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2056917**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: SV128**	**Ical Ref**	**: ICAL17133**
Calibration dates	**: 09/16/20 15:52 09/16/20 18:58**		

Calibration Files

L1 =IL1.D L2 =IL2.D L3 =IL3.D L4 =IL4.D L5 =IL5.D L6 =IL6.D L7 =IL7.D L8 =IL8.D

L9 =IL9.D L10 =IL10.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37) t	Benzo[a]pyrene		0.872	0.869	0.848	0.882	0.881	0.925	0.984	1.039	1.052	0.928	8.37
38) t	Indeno[1,2,3-cd]pyrene			1.002	0.940	0.921	0.912	0.926	0.954	1.045	1.088	0.973	6.64
39) t	Dibenzo[a,h]anthracene			0.907	0.906	0.946	0.977	1.011	1.015	1.101	1.119	0.998	8.09
40) t	Benzo[g,h,i]perylene			1.079	1.056	1.078	1.078	1.074	1.041	1.148	1.150	1.088	3.67

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2056917**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: SV125**	**Ical Ref**	**: ICAL17142**
Calibration dates	**: 09/17/20 14:51 09/17/20 17:40**		

Calibration Files
L1 =IL1.D L2 =IL2.D L3 =IL3.D L4 =IL4.D L5 =IL5.D L6 =IL6.D L7 =IL7.D L8 =IL8.D
L9 =IL9.D L10 =IL10.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD	
1)	i	1,4-Dichlorobenzene-d4	----------ISTD----------												
2)	T	1,4-Dioxane			0.485	0.509	0.485	0.466	0.466	0.458	0.461	0.644	0.497	12.47	
3)	s	2-Fluorophenol		1.028	0.999	1.011	1.016	1.023	1.057	1.070	1.082	1.039	1.036	2.72	
4)	s	Phenol-d6		1.228	1.169	1.196	1.156	1.181	1.219	1.237	1.251	1.216	1.206	2.66	
5)	T	bis(2-Chloroethyl)ether		1.108	1.108	1.123	1.093	1.103	1.111	1.062	1.051	1.030	1.088	2.95	
6)	T	n-Nitrosodi-n-propylamine		0.654	0.649	0.659	0.627	0.646	0.666	0.683	0.705	0.703	0.666	3.96	
7)	t	Hexachloroethane		0.502	0.475	0.477	0.469	0.474	0.480	0.477	0.483	0.476	0.479	1.97	
8)	s	Nitrobenzene-d5		0.933	0.916	0.915	0.869	0.898	0.926	0.956	0.986	0.968	0.930	3.90	
9)	i	Naphthalene-d8	----------ISTD----------												
10)	t	Naphthalene		1.117	1.077	1.089	1.056	1.051	1.044	1.002	0.997	0.962	1.044	4.72	
11)	t	Hexachlorobutadiene		0.182	0.187	0.191	0.183	0.181	0.179	0.172	0.170	0.161	0.178	5.25	
12)	t	2-Methylnaphthalene		0.690	0.681	0.684	0.657	0.662	0.665	0.635	0.617	0.587	0.653	5.23	
13)	t	1-Methylnaphthalene		0.639	0.626	0.635	0.617	0.613	0.613	0.579	0.570	0.550	0.605	5.15	
14)	s	2-Fluorobiphenyl			0.786	0.804	0.755	0.765	0.748	0.709	0.698	0.664	0.741	6.36	
15)	t	2-Chloronaphthalene		0.671	0.658	0.674	0.651	0.649	0.651	0.628	0.627	0.612	0.647	3.21	
16)	t	Acenaphthylene		0.860	0.870	0.897	0.888	0.893	0.957	1.007	1.024	0.999	0.933	6.89	
17)	i	Acenaphthene-d10	----------ISTD----------												
18)	t	Acenaphthene			1.525	1.472	1.453	1.411	1.406	1.320	1.331	1.276	1.399	6.05	
19)	t	Fluorene			1.361	1.372	1.361	1.345	1.376	1.366	1.388	1.327	1.362	1.39	
20)	s	2,4,6-Tribromophenol			0.144	0.156	0.160	0.156	0.173	0.185	0.193		0.167	10.42	
21)	i	Phenanthrene-d10	----------ISTD----------												
22)	T	4,6-Dinitro-o-cresol					0.043	0.050	0.061	0.076	0.084	0.086	*Q	0.9989	
23)	t	Hexachlorobenzene	0.278	0.254	0.251	0.255	0.249	0.247	0.245	0.229	0.229	0.216	0.245	7.02	
24)	t	Pentachlorophenol			0.047	0.049	0.059	0.073	0.092	0.113			*Q	0.9993	
25)	t	Phenanthrene		1.268	1.184	1.181	1.154	1.128	1.105	1.040	1.049	1.008	1.124	7.37	
26)	t	Anthracene		1.041	0.986	1.007	1.007	1.005	1.031	1.039	1.056	1.021	1.021	2.17	
27)	t	Fluoranthene		1.078	1.050	1.067	1.056	1.045	1.079	1.101	1.129	1.110	1.079	2.67	
28)	t	Pyrene		1.101	1.059	1.082	1.071	1.064	1.113	1.137	1.155	1.117	1.100	3.05	
29)	s	4-Terphenyl-d14			0.670	0.685	0.672	0.676	0.705	0.698	0.691	0.659	0.682	2.30	
30)	i	Chrysene-d12	----------ISTD----------												
31)	t	Benzo[a]anthracene		2.229	1.536	1.351	1.224	1.149	1.134	1.151	1.219	1.196	*L	0.9996	
32)	t	Chrysene		1.400	1.383	1.314	1.341	1.302	1.281	1.152	1.142	1.136	1.272	8.15	
33)	T	bis(2-Ethylhexyl)phthalate		0.720	0.587	0.541	0.502	0.485	0.500	0.623	0.712	0.774	0.605	17.87	
34)	i	Perylene-d12	----------ISTD----------												
35)	t	Benzo[b]fluoranthene		1.253	1.172	1.205	1.229	1.218	1.203	1.292	1.298	1.299	1.241	3.78	
36)	t	Benzo[k]fluoranthene		1.052	1.101	1.095	1.074	1.073	1.184	1.142	1.172	1.112	1.112	4.11	

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Lisko Environmental, LLC**	**Lab Number**	**: L2056917**
Project Name	**: PISTOIA TIRE CO**	**Project Number**	**: 0064-5**
Instrument ID	**: SV125**	**Ical Ref**	**: ICAL17142**
Calibration dates	**: 09/17/20 14:51 09/17/20 17:40**		

Calibration Files

L1 =IL1.D L2 =IL2.D L3 =IL3.D L4 =IL4.D L5 =IL5.D L6 =IL6.D L7 =IL7.D L8 =IL8.D

L9 =IL9.D L10 =IL10.D

	Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Avg	%RSD
37) t	Benzo[a]pyrene		0.889	0.872	0.883	0.900	0.895	0.956	1.023	1.067	1.078	0.952	8.73
38) t	Indeno[1,2,3-cd]pyrene		1.030	0.981	0.981	0.981	0.948	0.979	1.044	1.125	1.167	1.026	7.26
39) t	Dibenzo[a,h]anthracene		0.977	0.924	0.969	0.969	0.980	1.103	1.125	1.147	1.144	1.038	8.66
40) t	Benzo[g,h,i]perylene		1.157	1.123	1.129	1.151	1.131	1.171	1.163	1.212	1.219	1.162	2.98

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: SV125	**Calibration Date**	: 12/26/20 12:01		
Lab File ID	: CCV1226	**Init. Calib. Date(s)**	: 09/17/20	09/17/20	
Sample No	: WG1449043-3	**Init. Calib. Times**	: 14:51	17:40	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	72	0
2-Fluorophenol	1.036	1.021	.05	1.4	20	69	.01
Phenol-d6	1.206	1.222	.05	-1.3	20	72	0
Bis(2-chloroethyl)ether	1.088	1.022	.05	6.1	20	66	0
n-nitrosodi-n-propylamine	0.666	0.781	.05	-17.3	20	84	0
Hexachloroethane	0.479	0.488	.05	-1.9	20	73	0
Nitrobenzene-d5	0.93	1.223	.05	-31.5*	20	95	0
Naphthalene-d8	1	1	.05	0	20	72	0
Naphthalene	1.044	0.982	.05	5.9	20	68	0
Hexachlorobutadiene	0.178	0.197	.05	-10.7	20	80	0
2-Methylnaphthalene	0.653	0.643	.05	1.5	20	70	0
1-Methylnaphthalene	0.605	0.596	.05	1.5	20	70	0
2-Fluorobiphenyl	0.741	0.763	.05	-3	20	74	0
2-Chloronaphthalene	0.647	0.665	.05	-2.8	20	74	0
Acenaphthylene	0.933	1.026	.05	-10	20	78	0
Acenaphthene-d10	1	1	.05	0	20	82	0
Acenaphthene	1.399	1.236	.05	11.7	20	72	0
Fluorene	1.362	1.276	.05	6.3	20	76	0
2,4,6-Tribromophenol	0.167	0.204	.05	-22.2*	20	96	0
Phenanthrene-d10	1	1	.05	0	20	79	0
4,6-Dinitro-o-cresol	1000	1273.531	.05	-27.4*	20	120	0
Hexachlorobenzene	0.245	0.225	.05	8.2	20	73	0
Pentachlorophenol	1000	1132.185	.05	-13.2	20	88	0
Phenanthrene	1.124	1.012	.05	10	20	73	0
Anthracene	1.021	1.027	.05	-0.6	20	79	0
Fluoranthene	1.079	1.124	.05	-4.2	20	83	0
Pyrene	1.1	1.165	.05	-5.9	20	83	0
4-Terphenyl-d14	0.682	0.705	.05	-3.4	20	79	0
Chrysene-d12	1	1	.05	0	20	85	0
Benzo[a]anthracene	1000	945.712	.05	5.4	20	85	0
Chrysene	1.272	1.215	.05	4.5	20	80	0
Bis(2-ethylhexyl)phthalate	0.605	0.582	.05	3.8	20	99	0
Perylene-d12	1	1	.05	0	20	93	0
Benzo[b]fluoranthene	1.241	1.177	.05	5.2	20	91	0
Benzo[k]fluoranthene	1.112	1.087	.05	2.2	20	86	0
Benzo[a]pyrene	0.952	1.008	.05	-5.9	20	98	0
Indeno[1,2,3-cd]pyrene	1.026	1.086	.05	-5.8	20	103	0
Dibenzo[a,h]anthracene	1.038	1.117	.05	-7.6	20	94	0
Benzo[g,h,i]perylene	1.162	1.182	.05	-1.7	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: SV125	**Calibration Date**	: 12/29/20 10:22		
Lab File ID	: CCV1229	**Init. Calib. Date(s)**	: 09/17/20	09/17/20	
Sample No	: WG1449854-3	**Init. Calib. Times**	: 14:51	17:40	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	64	0
1,4-Dioxane	0.497	0.418	.05	15.9	20	57	-.01
2-Fluorophenol	1.036	0.954	.05	7.9	20	58	-.01
Phenol-d6	1.206	1.145	.05	5.1	20	60	0
Bis(2-chloroethyl)ether	1.088	1.043	.05	4.1	20	60	0
n-nitrosodi-n-propylamine	0.666	0.722	.05	-8.4	20	69	0
Hexachloroethane	0.479	0.476	.05	0.6	20	64	0
Nitrobenzene-d5	0.93	1.121	.05	-20.5*	20	78	0
Naphthalene-d8	1	1	.05	0	20	65	0
Naphthalene	1.044	0.922	.05	11.7	20	57	0
Hexachlorobutadiene	0.178	0.196	.05	-10.1	20	71	0
2-Methylnaphthalene	0.653	0.626	.05	4.1	20	61	0
1-Methylnaphthalene	0.605	0.598	.05	1.2	20	63	0
2-Fluorobiphenyl	0.741	0.768	.05	-3.6	20	67	0
2-Chloronaphthalene	0.647	0.655	.05	-1.2	20	65	0
Acenaphthylene	0.933	1.009	.05	-8.1	20	68	0
Acenaphthene-d10	1	1	.05	0	20	76	0
Acenaphthene	1.399	1.182	.05	15.5	20	64	0
Fluorene	1.362	1.24	.05	9	20	69	0
2,4,6-Tribromophenol	0.167	0.21	.05	-25.7*	20	92	0
Phenanthrene-d10	1	1	.05	0	20	77	0
4,6-Dinitro-o-cresol	1000	1130.649	.05	-13.1	20	103	0
Hexachlorobenzene	0.245	0.222	.05	9.4	20	70	0
Pentachlorophenol	1000	980.157	.05	2	20	73	0
Phenanthrene	1.124	0.964	.05	14.2	20	67	0
Anthracene	1.021	0.998	.05	2.3	20	74	0
Fluoranthene	1.079	1.107	.05	-2.6	20	79	0
Pyrene	1.1	1.14	.05	-3.6	20	79	0
4-Terphenyl-d14	0.682	0.76	.05	-11.4	20	83	0
Chrysene-d12	1	1	.05	0	20	86	0
Benzo[a]anthracene	1000	916.098	.05	8.4	20	83	0
Chrysene	1.272	1.184	.05	6.9	20	79	0
Bis(2-ethylhexyl)phthalate	0.605	0.609	.05	-0.7	20	104	0
Perylene-d12	1	1	.05	0	20	91	0
Benzo[b]fluoranthene	1.241	1.145	.05	7.7	20	87	0
Benzo[k]fluoranthene	1.112	1.059	.05	4.8	20	82	0
Benzo[a]pyrene	0.952	0.967	.05	-1.6	20	92	0
Indeno[1,2,3-cd]pyrene	1.026	1.001	.05	2.4	20	93	0
Dibenzo[a,h]anthracene	1.038	1.079	.05	-3.9	20	89	0
Benzo[g,h,i]perylene	1.162	1.105	.05	4.9	20	86	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917		
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5		
Instrument ID	: SV128	**Calibration Date**	: 12/29/20 11:07		
Lab File ID	: CCV1229	**Init. Calib. Date(s)**	: 09/16/20	09/16/20	
Sample No	: WG1449874-3	**Init. Calib. Times**	: 15:52	18:58	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	106	0
1,4-Dioxane	0.412	0.456	.05	-10.7	20	128	0
2-Fluorophenol	0.923	1.014	.05	-9.9	20	112	0
Phenol-d6	1.058	1.151	.05	-8.8	20	113	0
Bis(2-chloroethyl)ether	0.959	0.96	.05	-0.1	20	105	0
n-nitrosodi-n-propylamine	0.579	0.637	.05	-10	20	116	0
Hexachloroethane	0.485	0.468	.05	3.5	20	103	0
Nitrobenzene-d5	0.896	0.993	.05	-10.8	20	116	0
Naphthalene-d8	1	1	.05	0	20	106	0
Naphthalene	1.023	0.959	.05	6.3	20	101	0
Hexachlorobutadiene	0.235	0.188	.05	20	20	88	0
2-Methylnaphthalene	0.69	0.624	.05	9.6	20	96	0
1-Methylnaphthalene	0.649	0.587	.05	9.6	20	97	0
2-Fluorobiphenyl	0.899	0.729	.05	18.9	20	90	0
2-Chloronaphthalene	0.701	0.63	.05	10.1	20	94	0
Acenaphthylene	1.041	0.956	.05	8.2	20	94	0
Acenaphthene-d10	1	1	.05	0	20	99	0
Acenaphthene	1.353	1.232	.05	8.9	20	93	0
Fluorene	1.4	1.273	.05	9.1	20	90	0
2,4,6-Tribromophenol	0.254	0.22	.05	13.4	20	81	0
Phenanthrene-d10	1	1	.05	0	20	87	0
4,6-Dinitro-o-cresol	1000	982.511	.05	1.7	20	109	0
Hexachlorobenzene	0.278	0.246	.05	11.5	20	78	0
Pentachlorophenol	1000	1131.934	.05	-13.2	20	96	0
Phenanthrene	1.084	1.009	.05	6.9	20	84	0
Anthracene	1.013	0.975	.05	3.8	20	83	0
Fluoranthene	1.166	1.034	.05	11.3	20	79	0
Pyrene	1.204	1.066	.05	11.5	20	78	0
4-Terphenyl-d14	0.942	0.697	.05	26*	20	66	0
Chrysene-d12	1	1	.05	0	20	72	0
Benzo[a]anthracene	1000	977.779	.05	2.2	20	73	0
Chrysene	1.261	1.238	.05	1.8	20	73	0
Bis(2-ethylhexyl)phthalate	0.496	0.481	.05	3	20	77	0
Perylene-d12	1	1	.05	0	20	74	0
Benzo[b]fluoranthene	1.17	1.112	.05	5	20	70	0
Benzo[k]fluoranthene	1.139	1.148	.05	-0.8	20	75	0
Benzo[a]pyrene	0.928	0.925	.05	0.3	20	74	0
Indeno[1,2,3-cd]pyrene	0.973	0.96	.05	1.3	20	77	0
Dibenzo[a,h]anthracene	0.998	1.021	.05	-2.3	20	75	0
Benzo[g,h,i]perylene	1.088	1.089	.05	-0.1	20	75	0

* Value outside of QC limits.

Surrogate Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Lisko Environmental, LLC
Project Name: PISTOIA TIRE CO

Lab Number: L2056917
Project Number: 0064-5
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (NBZ)	S2 (FBP)	S3 (TPH)	S4 ()	S5 ()	S6 ()	TOT OUT
MW-1 (L2056917-01)	71	51	53	--	--	--	0
MW-2 (L2056917-02)	66	51	59	--	--	--	0
MW-3 (L2056917-03)	48	37	47	--	--	--	0
MW-4 (L2056917-04)	94	71	73	--	--	--	0
MW-5 (L2056917-05)	87	66	70	--	--	--	0
MW-6 (L2056917-06)	80	59	61	--	--	--	0
WG1448415-1BLANK	90	84	100	--	--	--	0
WG1448415-2LCS	69	72	98	--	--	--	0
WG1448415-3LCSD	88	87	114	--	--	--	0
WG1448817-1BLANK	96	86	111	--	--	--	0
WG1448817-2LCS	89	84	107	--	--	--	0
WG1448817-3LCSD	99	90	109	--	--	--	0

QC LIMITS

(30-130) NBZ = NITROBENZENE-D5
(30-130) FBP = 2-FLUOROBIPHENYL
(30-130) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NJ-BNEXT-SIM-LVI

Batch QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1448415-2	**Analysis Date** : 12/26/20 15:01	**File ID** : 448415-2
LCSD Sample ID	: WG1448415-3	**Analysis Date** : 12/26/20 15:20	**File ID** : 448415-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	3.6	3.2	88		3.6	3.6	99	12	70-130	20
Benzo(a)pyrene	3.6	3.9	106		3.6	4.4	120	12	70-130	20
Benzo(b)fluoranthene	3.6	3.2	89		3.6	3.7	101	13	70-130	20
Benzo(k)fluoranthene	3.6	3.2	89		3.6	3.8	104	16	70-130	20
Dibenzo(a,h)anthracene	3.6	3.8	103		3.6	4.1	114	10	70-130	20
Indeno(1,2,3-cd)pyrene	3.6	3.6	100		3.6	4.0	110	10	70-130	20
Hexachlorobenzene	3.6	2.6	71		3.6	3.0	83	16	70-130	20
Hexachlorobutadiene	3.6	1.8	49	Q	3.6	2.7	73	39 Q	70-130	20

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Matrix	: WATER		
LCS Sample ID	: WG1448817-2	**Analysis Date** : 12/29/20 16:56	**File ID** : 448817-2
LCSD Sample ID	: WG1448817-3	**Analysis Date** : 12/29/20 17:15	**File ID** : 448817-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	3.6	3.2	90	3.6	3.1	86	5	70-130	20
Benzo(a)pyrene	3.6	4.0	110	3.6	3.9	108	2	70-130	20
Benzo(b)fluoranthene	3.6	3.2	89	3.6	3.3	90	1	70-130	20
Benzo(k)fluoranthene	3.6	3.5	97	3.6	3.4	92	5	70-130	20
Dibenzo(a,h)anthracene	3.6	3.9	107	3.6	3.8	104	3	70-130	20
Indeno(1,2,3-cd)pyrene	3.6	3.6	100	3.6	3.6	98	2	70-130	20
Hexachlorobenzene	3.6	2.9	80	3.6	3.5	97	19	70-130	20
Hexachlorobutadiene	3.6	2.9	80	3.6	3.0	84	5	70-130	20

Internal Standard Summary

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV125	**Analysis Date**	: 12/26/20 12:01:00
Sample No	: WG1449043-3	**Lab File ID**	: CCV1226

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1449043-3	35536	2.97	127647	3.80	69767	5.00
Upper Limit	71072	3.47	255294	4.30	139534	5.50
Lower Limit	17768	2.47	63824	3.30	34884	4.50
Sample ID						
WG1448415-2 LCS	35291	2.97	123717	3.80	71778	5.00
WG1448415-3 LCSD	33113	2.97	116494	3.80	68509	5.00
WG1448415-1 BLANK	37345	2.97	134638	3.80	81627	5.00

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV125	**Analysis Date**	: 12/26/20 12:01:00
Sample No	: WG1449043-3	**Lab File ID**	: CCV1226

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1449043-3	130391	6.02	118031	7.83	128649	8.99
Upper Limit	260782	6.52	236062	8.33	257298	9.49
Lower Limit	65196	5.52	59016	7.33	64325	8.49
Sample ID						
WG1448415-2 LCS	140218	6.01	124704	7.83	131086	8.98
WG1448415-3 LCSD	139101	6.01	134789	7.83	142380	8.98
WG1448415-1 BLANK	169603	6.01	165308	7.83	171537	8.98

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV125	**Analysis Date**	: 12/29/20 10:22:00
Sample No	: WG1449854-3	**Lab File ID**	: CCV1229

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1449854-3	31817	2.96	114375	3.80	64672	5.00
Upper Limit	63634	3.46	228750	4.30	129344	5.50
Lower Limit	15909	2.46	57188	3.30	32336	4.50
Sample ID						
WG1448817-2 LCS	34435	2.97	120040	3.80	69560	4.99
WG1448817-3 LCSD	36875	2.97	128971	3.80	75030	4.99
WG1448817-1 BLANK	32194	2.97	112837	3.80	64173	5.00

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV125	**Analysis Date**	: 12/29/20 10:22:00
Sample No	: WG1449854-3	**Lab File ID**	: CCV1229

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1449854-3	126189	6.01	119340	7.83	126181	8.98
Upper Limit	252378	6.51	238680	8.33	252362	9.48
Lower Limit	63095	5.51	59670	7.33	63091	8.48
Sample ID						
WG1448817-2 LCS	141803	6.01	138377	7.83	145424	8.98
WG1448817-3 LCSD	152317	6.01	148735	7.83	156198	8.98
WG1448817-1 BLANK	130989	6.01	124893	7.83	133564	8.98

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV128	**Analysis Date**	: 12/29/20 11:07:00
Sample No	: WG1449874-3	**Lab File ID**	: CCV1229

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1449874-3	34837	2.83	125705	3.65	67117	4.84
Upper Limit	69674	3.33	251410	4.15	134234	5.34
Lower Limit	17419	2.33	62853	3.15	33559	4.34
Sample ID						
MW-1	38709	2.84	142170	3.65	76917	4.84
MW-2	33242	2.84	119787	3.65	63779	4.84
MW-3	35380	2.84	127231	3.65	67744	4.84
MW-4	35395	2.84	127500	3.65	67400	4.84
MW-5	35708	2.84	128293	3.65	67611	4.84
MW-6	34770	2.84	125540	3.65	65560	4.84

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SV128	**Analysis Date**	: 12/29/20 11:07:00
Sample No	: WG1449874-3	**Lab File ID**	: CCV1229

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1449874-3	128499	5.85	106244	7.68	104546	8.77
Upper Limit	256998	6.35	212488	8.18	209092	9.27
Lower Limit	64250	5.35	53122	7.18	52273	8.27
Sample ID						
MW-1	148326	5.85	130522	7.68	137349	8.76
MW-2	122014	5.85	107166	7.68	116305	8.76
MW-3	129806	5.85	113913	7.68	120403	8.76
MW-4	131593	5.85	119810	7.68	121872	8.77
MW-5	129204	5.85	114213	7.68	116570	8.76
MW-6	127965	5.85	113957	7.68	118696	8.77

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Chromatograms

Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-01.D
Acq On : 29 Dec 2020 04:54 pm
Operator : SV128:dv
Sample : L2056917-01,32,,BNEXT,
Misc : WG1449874,WG1448415,ICAL17133
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 30 11:50:27 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270SIM\SV128\201229\ccv1229.D
Sub List : DEFAULT_SIM - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.838	152	38709	4000.000	ng/ml	0.01
Standard Area 1 = 34837			Recovery = 111.11%			
9) Naphthalene-d8	3.652	136	142170	4000.000	ng/ml	# 0.00
Standard Area 1 = 125705			Recovery = 113.10%			
17) Acenaphthene-d10	4.837	164	76917	4000.000	ng/ml	0.00
Standard Area 1 = 67117			Recovery = 114.60%			
21) Phenanthrene-d10	5.853	188	148326	4000.000	ng/ml	# 0.00
Standard Area 1 = 128499			Recovery = 115.43%			
30) Chrysene-d12	7.677	240	130522	4000.000	ng/ml	# 0.00
Standard Area 1 = 106244			Recovery = 122.85%			
34) Perylene-d12	8.762	264	137349	4000.000	ng/ml	0.00
Standard Area 1 = 104546			Recovery = 131.38%			
System Monitoring Compounds						
3) 2-Fluorophenol	2.083	112	25924	2902.522	ng/ml	0.02
Spiked Amount 5.000	Range 15 - 110		Recovery = 58050.44%#			
4) Phenol-d6	2.646	99	28100	2743.615	ng/ml	0.02
Spiked Amount 5.000	Range 15 - 110		Recovery = 54872.30%#			
8) Nitrobenzene-d5	3.193	82	15304	1765.631	ng/ml	0.01
Spiked Amount 2.500	Range 30 - 130		Recovery = 70625.24%#			
14) 2-Fluorobiphenyl	4.391	172	40553	1268.741	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 50749.64%#			
20) 2,4,6-Tribromophenol	5.384	330	15060	3081.292	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 61625.84%#			
29) 4-Terphenyl-d14	6.975	244	46408	1328.290	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 53131.60%#			

Target Compounds			Qvalue
11) Hexachlorobutadiene	0.000	0	N.D.
23) Hexachlorobenzene	0.000	0	N.D. d
31) Benzo[a]anthracene	0.000	0	N.D. d
35) Benzo[b]fluoranthene	0.000	0	N.D.
36) Benzo[k]fluoranthene	0.000	0	N.D. d
37) Benzo[a]pyrene	0.000	0	N.D. d
38) Indeno[1,2,3-cd]pyrene	0.000	0	N.D.
39) Dibenzo[a,h]anthracene	0.000	0	N.D.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-01.D
Acq On : 29 Dec 2020 04:54 pm
Operator : SV128:dv
Sample : L2056917-01,32,,BNEXT,
Misc : WG1449874,WG1448415,ICAL17133
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 30 11:50:27 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270SIM\SV128\201229\ccv1229.D
Sub List : DEFAULT_SIM - All compounds listed

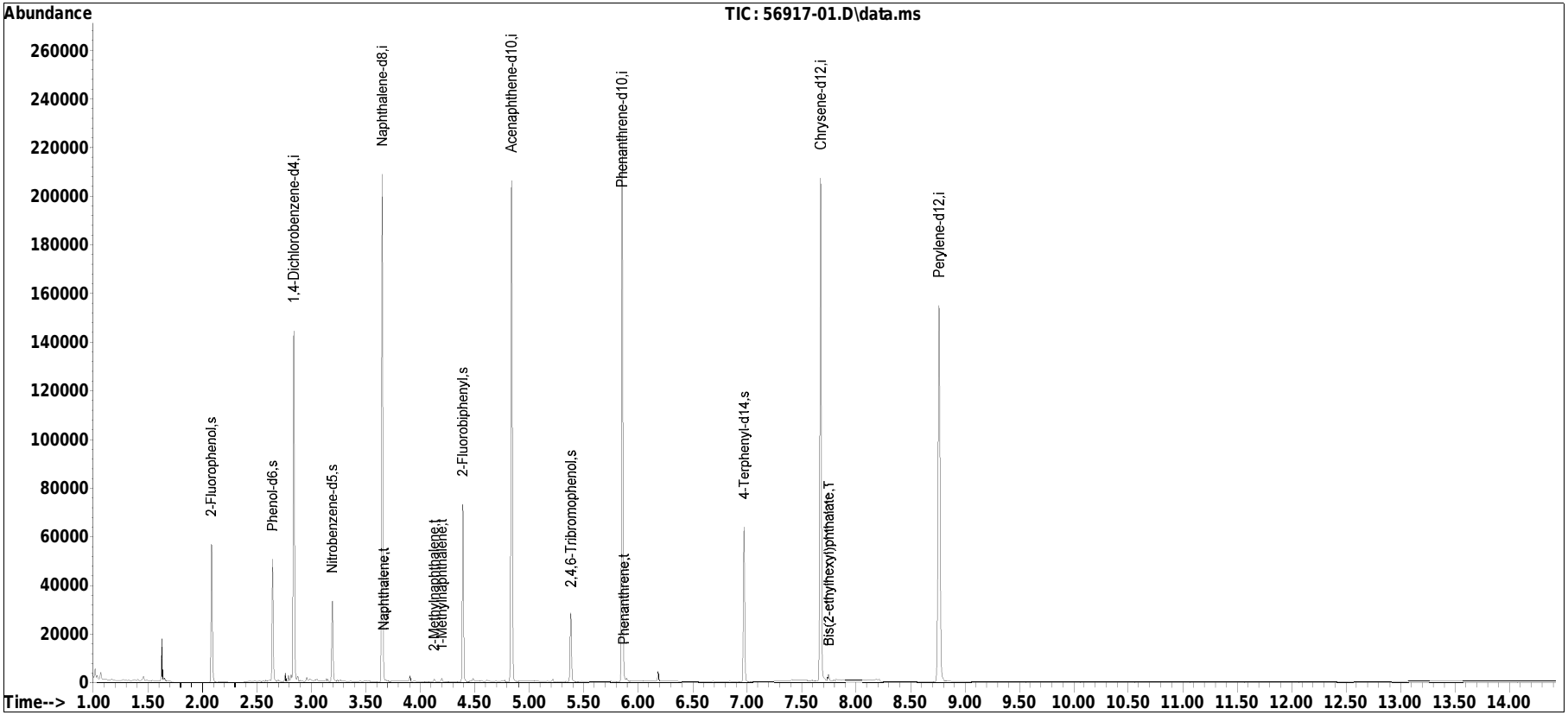
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-01.D
Acq On : 29 Dec 2020 04:54 pm
Operator : SV128:dv
Sample : L2056917-01,32,,BNEXT,
Misc : WG1449874,WG1448415,ICAL17133
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 30 11:50:27 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

Sub List : DEFAULT_SIM - All compounds listed9.D•



Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-02.D
Acq On : 29 Dec 2020 05:15 pm
Operator : SV128:dv
Sample : L2056917-02,32,,BNEXT,
Misc : WG1449874,WG1448817,ICAL17133
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 30 11:50:59 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270SIM\SV128\201229\ccv1229.D
Sub List : DEFAULT_SIM - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.838	152	33242	4000.000	ng/ml	0.01
Standard Area 1 = 34837			Recovery = 95.42%			
9) Naphthalene-d8	3.652	136	119787	4000.000	ng/ml #	0.00
Standard Area 1 = 125705			Recovery = 95.29%			
17) Acenaphthene-d10	4.837	164	63779	4000.000	ng/ml	0.00
Standard Area 1 = 67117			Recovery = 95.03%			
21) Phenanthrene-d10	5.853	188	122014	4000.000	ng/ml #	0.00
Standard Area 1 = 128499			Recovery = 94.95%			
30) Chrysene-d12	7.677	240	107166	4000.000	ng/ml #	0.00
Standard Area 1 = 106244			Recovery = 100.87%			
34) Perylene-d12	8.762	264	116305	4000.000	ng/ml	0.00
Standard Area 1 = 104546			Recovery = 111.25%			
System Monitoring Compounds						
3) 2-Fluorophenol	2.086	112	13222	1723.834	ng/ml	0.02
Spiked Amount 5.000	Range 15 - 110		Recovery = 34476.68%#			
4) Phenol-d6	2.646	99	20587	2340.640	ng/ml	0.02
Spiked Amount 5.000	Range 15 - 110		Recovery = 46812.80%#			
8) Nitrobenzene-d5	3.193	82	12312	1654.050	ng/ml	0.01
Spiked Amount 2.500	Range 30 - 130		Recovery = 66162.00%#			
14) 2-Fluorobiphenyl	4.391	172	34587	1284.284	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 51371.36%#			
20) 2,4,6-Tribromophenol	5.381	330	6148	1517.003	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 30340.06%#			
29) 4-Terphenyl-d14	6.975	244	42506	1478.965	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 59158.60%#			
Target Compounds						Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.		
23) Hexachlorobenzene	0.000		0	N.D.		
31) Benzo[a]anthracene	7.674	228	504M4	9.601	ng/ml	
35) Benzo[b]fluoranthene	8.438	252	625	18.377	ng/ml	97
36) Benzo[k]fluoranthene	8.460	252	484	14.612	ng/ml	100
37) Benzo[a]pyrene	8.709	252	121	4.484	ng/ml#	54
38) Indeno[1,2,3-cd]pyrene	9.841	276	497	17.561	ng/ml#	60
39) Dibenzo[a,h]anthracene	9.882	278	481	16.581	ng/ml#	66

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-02.D
Acq On : 29 Dec 2020 05:15 pm
Operator : SV128:dv
Sample : L2056917-02,32,,BNEXT,
Misc : WG1449874,WG1448817,ICAL17133
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 30 11:50:59 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270SIM\SV128\201229\ccv1229.D
Sub List : DEFAULT_SIM - All compounds listed

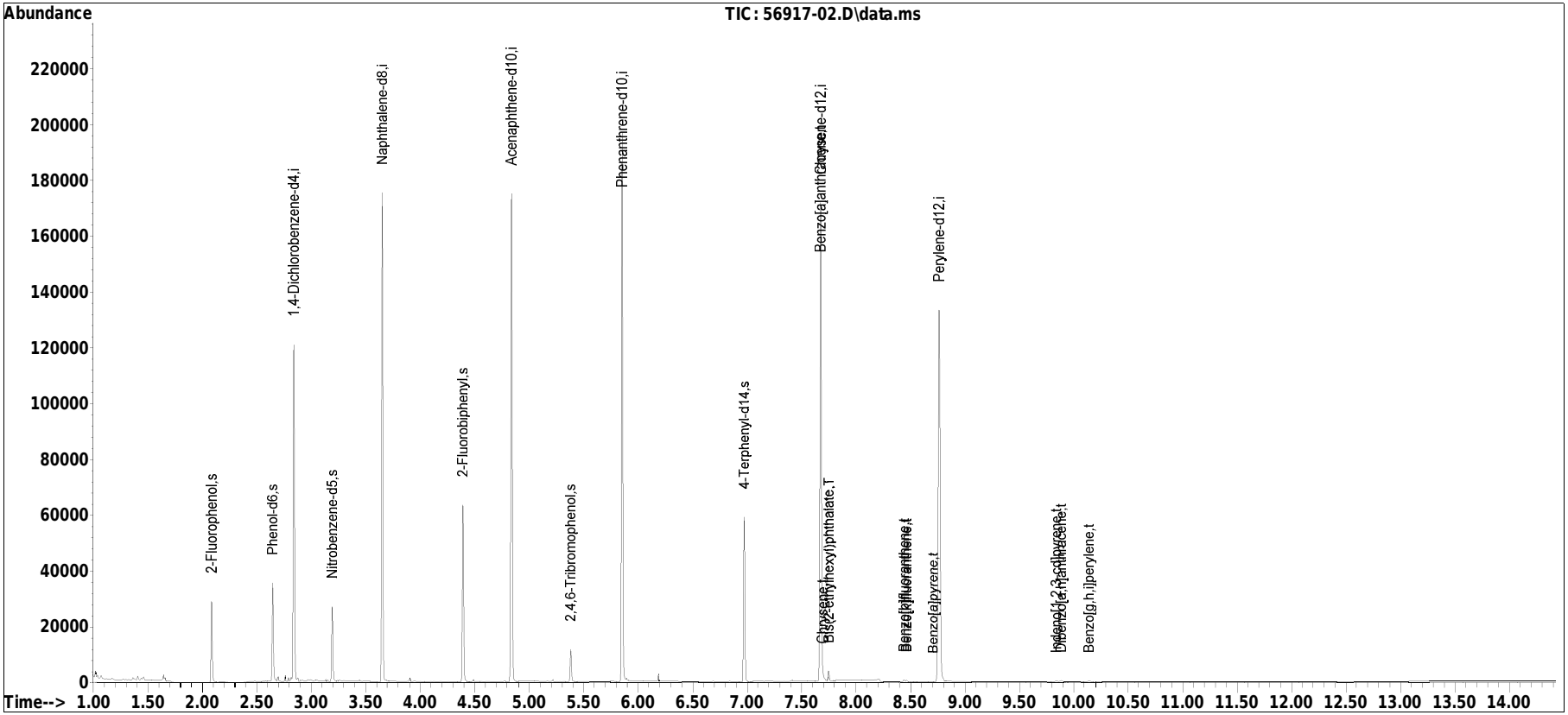
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

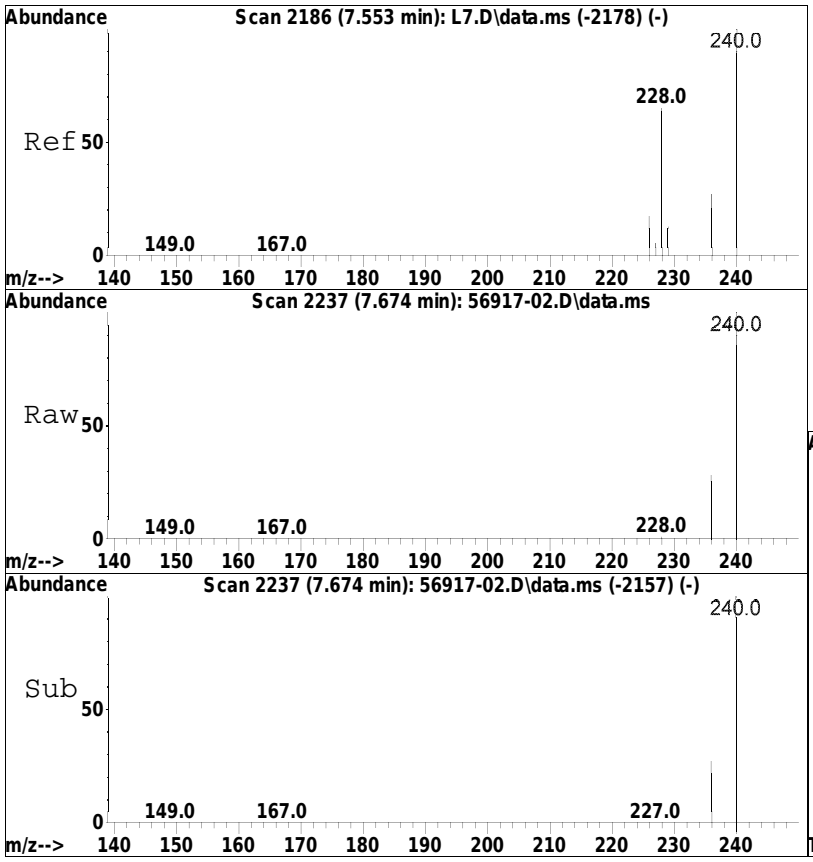
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-02.D
Acq On : 29 Dec 2020 05:15 pm
Operator : SV128:dv
Sample : L2056917-02,32,,BNEXT,
Misc : WG1449874,WG1448817,ICAL17133
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 30 11:50:59 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

Sub List : DEFAULT_SIM - All compounds listed9.D•

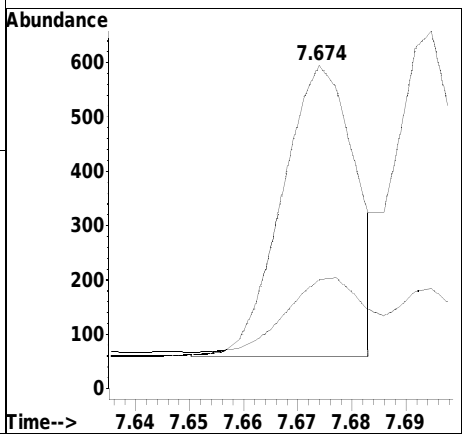


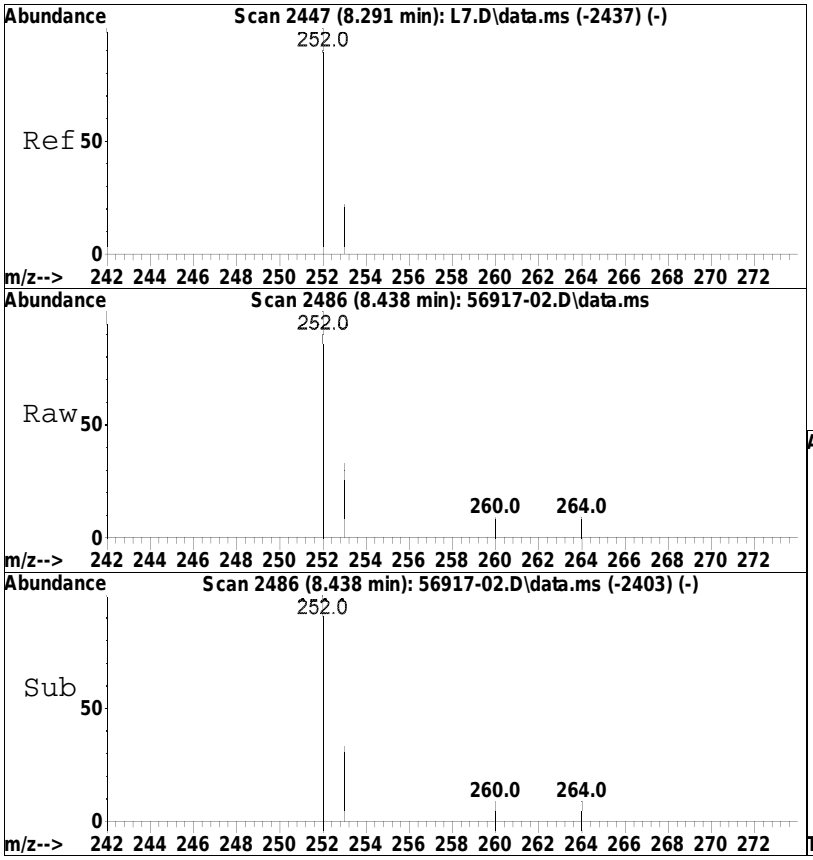


#31
Benzo[a]anthracene
Concen: 9.60 ng/ml M4
RT: 7.674 min Scan# 2237
Delta R.T. 0.003 min
Lab File: 56917-02.D
Acq: 29 Dec 2020 05:15 pm

Tgt Ion:228 Resp: 504

Ion	Ratio	Lower	Upper
228	100		
229	0.0	24.1	36.1#

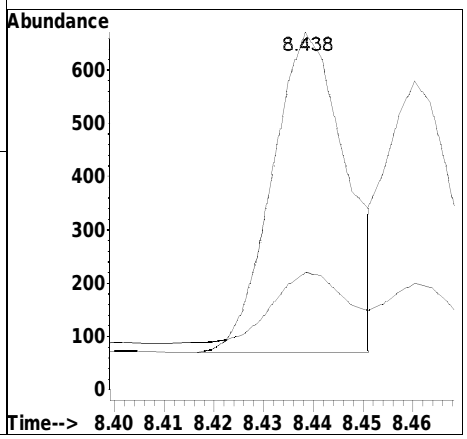


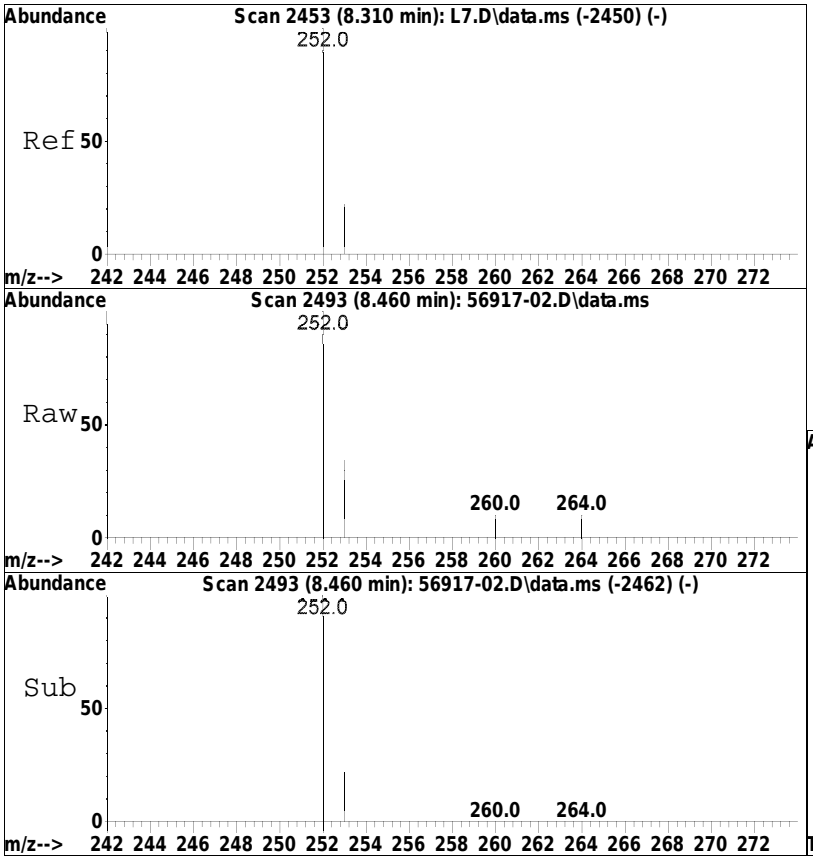


#35
Benzo[b]fluoranthene
Concen: 18.38 ng/ml
RT: 8.438 min Scan# 2486
Delta R.T. -0.003 min
Lab File: 56917-02.D
Acq: 29 Dec 2020 05:15 pm

Tgt Ion:252 Resp: 625

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.5	26.3

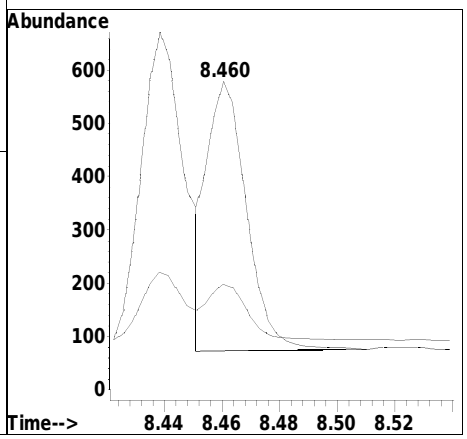


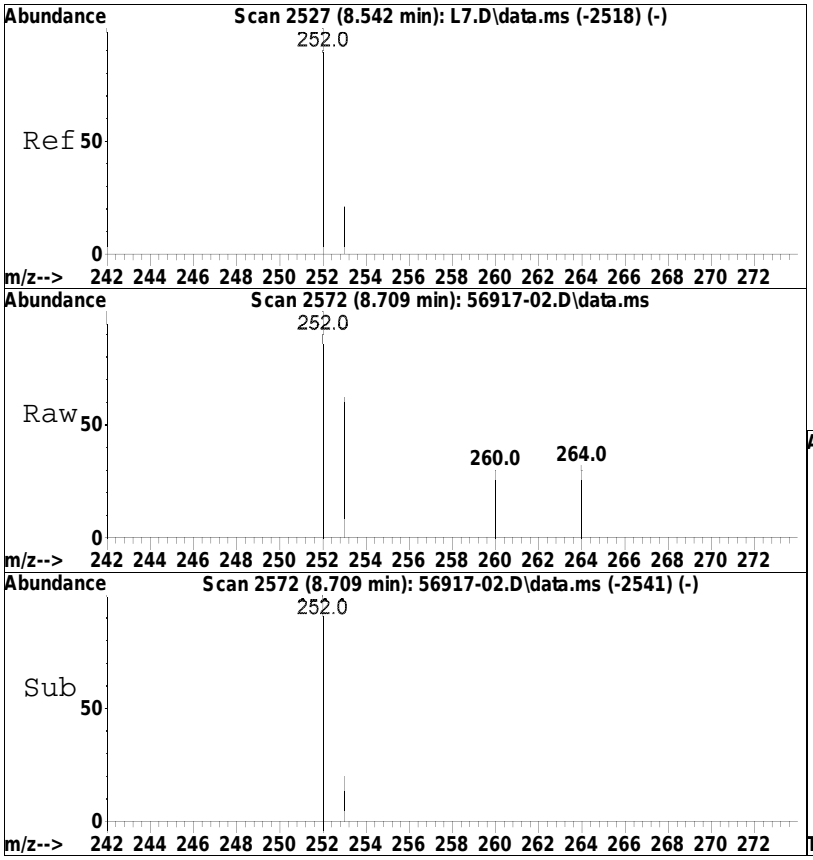


#36
Benzo[k]fluoranthene
Concen: 14.61 ng/ml
RT: 8.460 min Scan# 2493
Delta R.T. -0.003 min
Lab File: 56917-02.D
Acq: 29 Dec 2020 05:15 pm

Tgt Ion:252 Resp: 484

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0

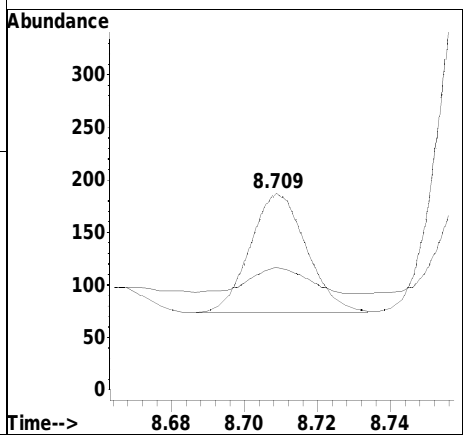


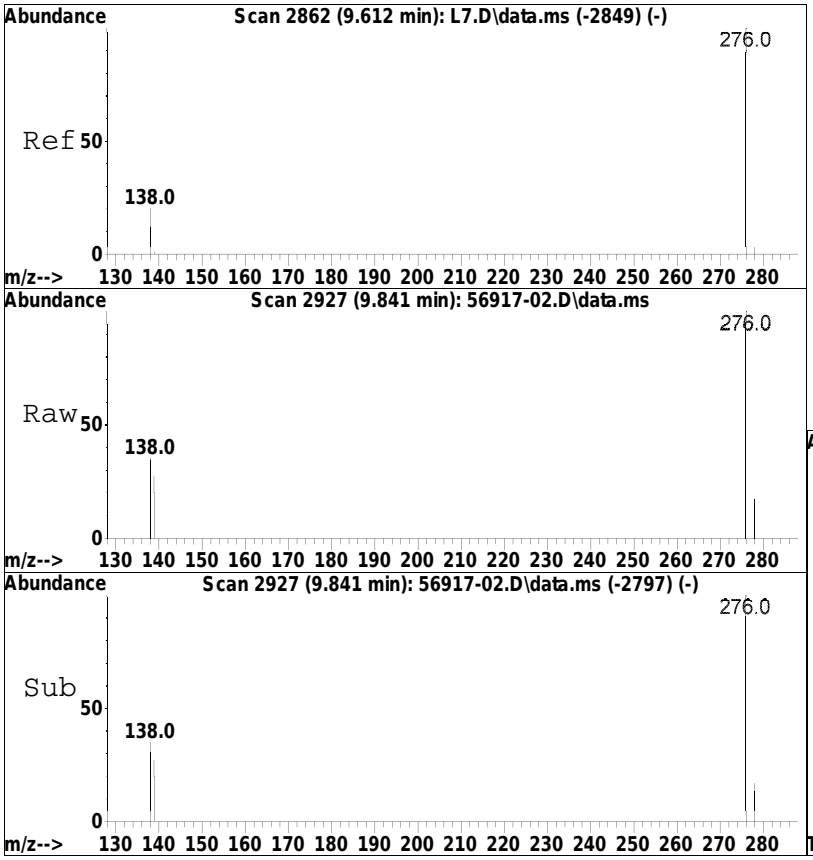


#37
Benzo[a]pyrene
Concen: 4.48 ng/ml
RT: 8.709 min Scan# 2572
Delta R.T. -0.003 min
Lab File: 56917-02.D
Acq: 29 Dec 2020 05:15 pm

Tgt Ion:252 Resp: 121

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.3	25.9#

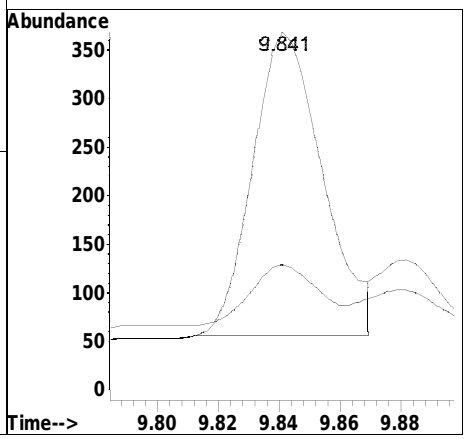


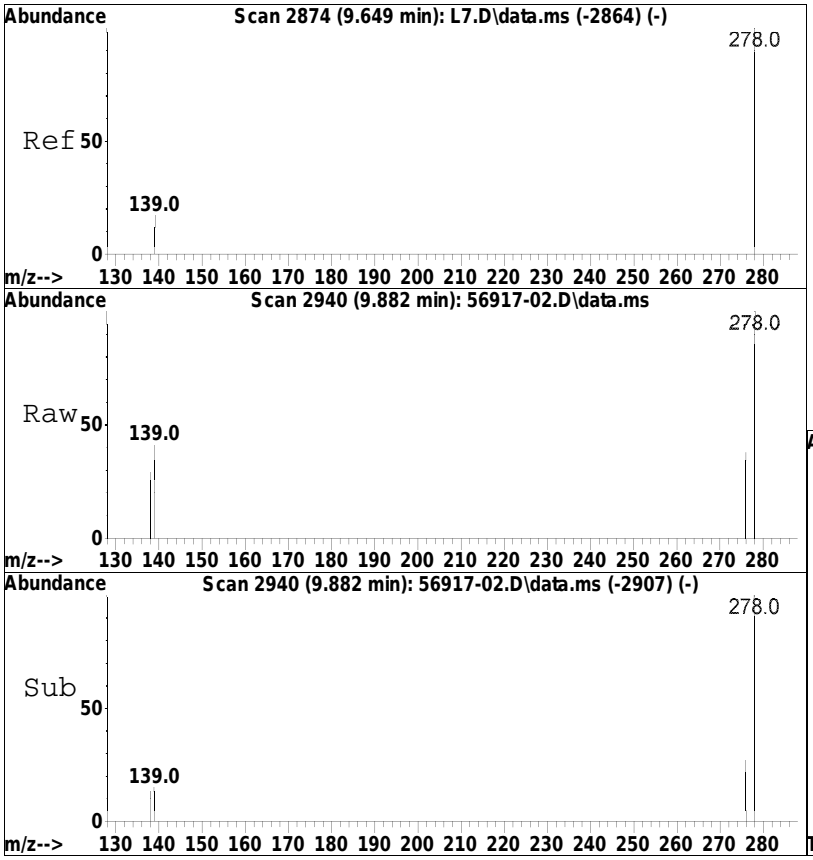


#38
Indeno[1,2,3-cd]pyrene
Concen: 17.56 ng/ml
RT: 9.841 min Scan# 2927
Delta R.T. -0.003 min
Lab File: 56917-02.D
Acq: 29 Dec 2020 05:15 pm

Tgt Ion:276 Resp: 497

Ion	Ratio	Lower	Upper
276	100		
138	14.7	31.4	47.2#

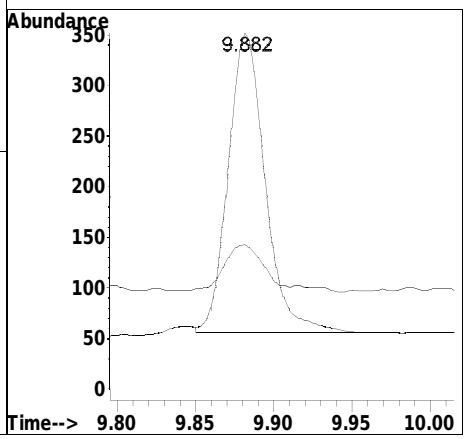




#39
Dibenzo[a,h]anthracene
Concen: 16.58 ng/ml
RT: 9.882 min Scan# 2940
Delta R.T. 0.003 min
Lab File: 56917-02.D
Acq: 29 Dec 2020 05:15 pm

Tgt Ion:278 Resp: 481

Ion	Ratio	Lower	Upper
278	100		
139	15.2	28.1	42.1#

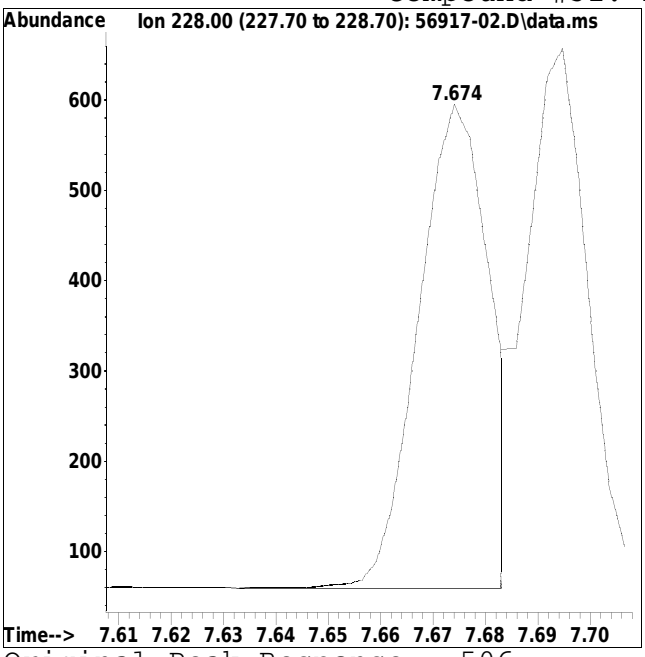


Manual Integration Report

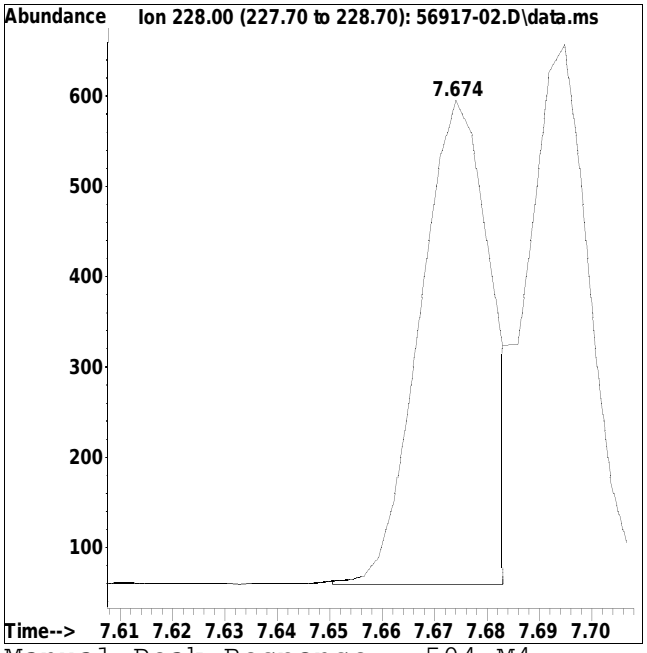
Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-02.D
Date Inj'd : 12/29/2020 5:15 pm
Sample : L2056917-02,32,,BNEXT,

QMethod : SIM-LVI_200916_sv128.M
Operator : SV128:dv
Instrument : SV128
Quant Date : 12/29/2020 5:33 pm

Compound #31: Benzo[a]anthracene



Original Peak Response = 506



Manual Peak Response = 504 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-03.D
Acq On : 29 Dec 2020 05:36 pm
Operator : SV128:dv
Sample : L2056917-03,32,,BNEXT,
Misc : WG1449874,WG1448817,ICAL17133
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 30 11:54:08 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270SIM\SV128\201229\ccv1229.D
Sub List : DEFAULT_SIM - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.837	152	35380	4000.000	ng/ml	0.01
Standard Area 1 = 34837			Recovery = 101.56%			
9) Naphthalene-d8	3.651	136	127231	4000.000	ng/ml	# 0.00
Standard Area 1 = 125705			Recovery = 101.21%			
17) Acenaphthene-d10	4.839	164	67744	4000.000	ng/ml	0.00
Standard Area 1 = 67117			Recovery = 100.93%			
21) Phenanthrene-d10	5.852	188	129806	4000.000	ng/ml	# 0.00
Standard Area 1 = 128499			Recovery = 101.02%			
30) Chrysene-d12	7.676	240	113913	4000.000	ng/ml	# 0.00
Standard Area 1 = 106244			Recovery = 107.22%			
34) Perylene-d12	8.764	264	120403	4000.000	ng/ml	0.00
Standard Area 1 = 104546			Recovery = 115.17%			
System Monitoring Compounds						
3) 2-Fluorophenol	2.083	112	9207	1127.835	ng/ml	0.02
Spiked Amount 5.000	Range 15 - 110		Recovery = 22556.70%#			
4) Phenol-d6	2.645	99	14847	1586.024	ng/ml	0.02
Spiked Amount 5.000	Range 15 - 110		Recovery = 31720.48%#			
8) Nitrobenzene-d5	3.192	82	9411	1187.914	ng/ml	0.01
Spiked Amount 2.500	Range 30 - 130		Recovery = 47516.56%#			
14) 2-Fluorobiphenyl	4.393	172	26108	912.722	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 36508.88%#			
20) 2,4,6-Tribromophenol	5.383	330	4225	981.491	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 19629.82%#			
29) 4-Terphenyl-d14	6.974	244	35647	1165.858	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 46634.32%#			
Target Compounds						Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.		
23) Hexachlorobenzene	0.000		0	N.D.	d	
31) Benzo[a]anthracene	0.000		0	N.D.	d	
35) Benzo[b]fluoranthene	0.000		0	N.D.	d	
36) Benzo[k]fluoranthene	0.000		0	N.D.		
37) Benzo[a]pyrene	0.000		0	N.D.	d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		
39) Dibenzo[a,h]anthracene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-03.D
Acq On : 29 Dec 2020 05:36 pm
Operator : SV128:dv
Sample : L2056917-03,32,,BNEXT,
Misc : WG1449874,WG1448817,ICAL17133
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 30 11:54:08 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270SIM\SV128\201229\ccv1229.D
Sub List : DEFAULT_SIM - All compounds listed

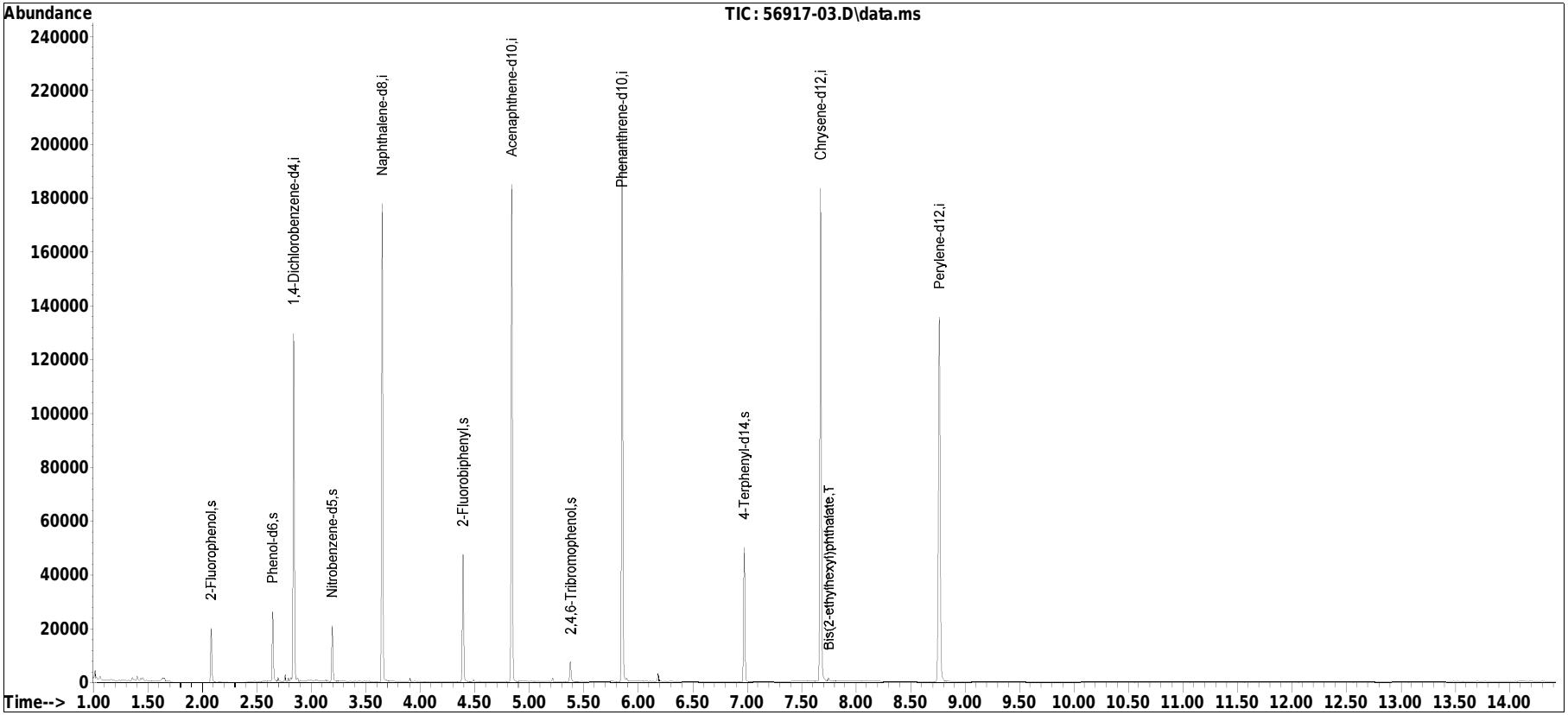
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-03.D
Acq On : 29 Dec 2020 05:36 pm
Operator : SV128:dv
Sample : L2056917-03,32,,BNEXT,
Misc : WG1449874,WG1448817,ICAL17133
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 30 11:54:08 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

Sub List : DEFAULT_SIM - All compounds listed9.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV128\201229\	QMethod	: SIM-LVI_200916_sv128.M
Data File	: 56917-03.D	Operator	: SV128:dv
Date Inj'd	: 12/29/2020 5:36 pm	Instrument	: SV128
Sample	: L2056917-03,32,,BNEXT,	Quant Date	: 12/29/2020 5:52 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-04.D
Acq On : 29 Dec 2020 06:18 pm
Operator : SV128:dv
Sample : L2056917-04,32,,BNEXT,
Misc : WG1449874,WG1448817,ICAL17133
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 30 11:56:31 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270SIM\SV128\201229\ccv1229.D
Sub List : DEFAULT_SIM - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.838	152	35395	4000.000	ng/ml	0.01
Standard Area 1 = 34837			Recovery = 101.60%			
9) Naphthalene-d8	3.652	136	127500	4000.000	ng/ml	# 0.00
Standard Area 1 = 125705			Recovery = 101.43%			
17) Acenaphthene-d10	4.837	164	67400	4000.000	ng/ml	0.00
Standard Area 1 = 67117			Recovery = 100.42%			
21) Phenanthrene-d10	5.853	188	131593	4000.000	ng/ml	# 0.00
Standard Area 1 = 128499			Recovery = 102.41%			
30) Chrysene-d12	7.677	240	119810	4000.000	ng/ml	# 0.00
Standard Area 1 = 106244			Recovery = 112.77%			
34) Perylene-d12	8.765	264	121872	4000.000	ng/ml	0.00
Standard Area 1 = 104546			Recovery = 116.57%			
System Monitoring Compounds						
3) 2-Fluorophenol	2.083	112	21909	2682.663	ng/ml	0.02
Spiked Amount 5.000	Range 15 - 110		Recovery = 53653.26%#			
4) Phenol-d6	2.646	99	28276	3019.290	ng/ml	0.02
Spiked Amount 5.000	Range 15 - 110		Recovery = 60385.80%#			
8) Nitrobenzene-d5	3.190	82	18711	2360.816	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 94432.64%#			
14) 2-Fluorobiphenyl	4.391	172	50810	1772.544	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 70901.76%#			
20) 2,4,6-Tribromophenol	5.381	330	9893	2309.928	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 46198.56%#			
29) 4-Terphenyl-d14	6.975	244	56836	1833.615	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 73344.60%#			
Target Compounds						Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.		
23) Hexachlorobenzene	0.000		0	N.D.	d	
31) Benzo[a]anthracene	0.000		0	N.D.	d	
35) Benzo[b]fluoranthene	0.000		0	N.D.	d	
36) Benzo[k]fluoranthene	0.000		0	N.D.	d	
37) Benzo[a]pyrene	0.000		0	N.D.	d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		
39) Dibenzo[a,h]anthracene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-04.D
Acq On : 29 Dec 2020 06:18 pm
Operator : SV128:dv
Sample : L2056917-04,32,,BNEXT,
Misc : WG1449874,WG1448817,ICAL17133
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 30 11:56:31 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270SIM\SV128\201229\ccv1229.D
Sub List : DEFAULT_SIM - All compounds listed

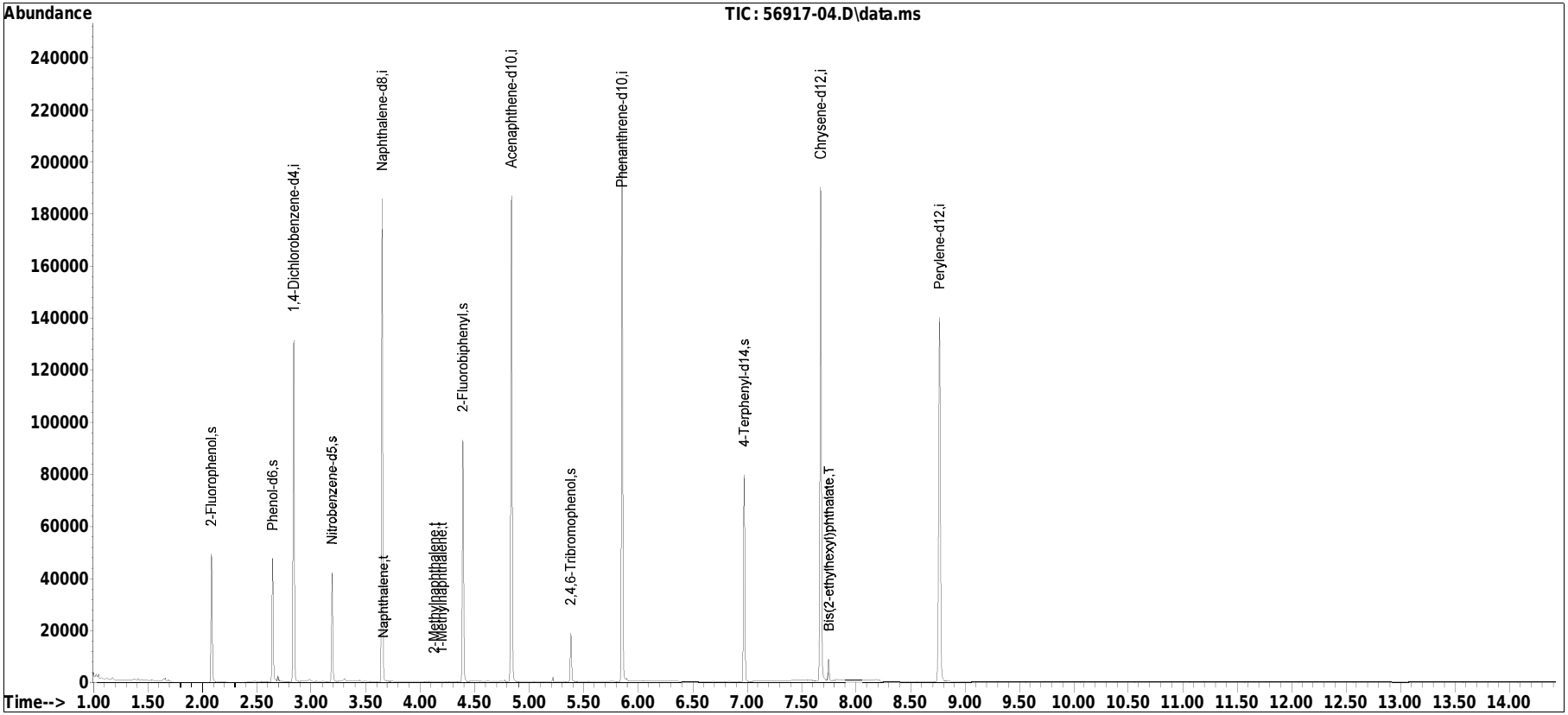
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-04.D
Acq On : 29 Dec 2020 06:18 pm
Operator : SV128:dv
Sample : L2056917-04,32,,BNEXT,
Misc : WG1449874,WG1448817,ICAL17133
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 30 11:56:31 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

Sub List : DEFAULT_SIM - All compounds listed9.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV128\201229\	QMethod	: SIM-LVI_200916_sv128.M
Data File	: 56917-04.D	Operator	: SV128:dv
Date Inj'd	: 12/29/2020 6:18 pm	Instrument	: SV128
Sample	: L2056917-04,32,,BNEXT,	Quant Date	: 12/30/2020 0:14 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-05.D
Acq On : 29 Dec 2020 06:39 pm
Operator : SV128:dv
Sample : L2056917-05,32,,BNEXT,
Misc : WG1449874,WG1448817,ICAL17133
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 30 11:59:16 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270SIM\SV128\201229\ccv1229.D
Sub List : DEFAULT_SIM - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.838	152	35708	4000.000	ng/ml	0.01
Standard Area 1 = 34837			Recovery = 102.50%			
9) Naphthalene-d8	3.653	136	128293	4000.000	ng/ml	# 0.00
Standard Area 1 = 125705			Recovery = 102.06%			
17) Acenaphthene-d10	4.837	164	67611	4000.000	ng/ml	0.00
Standard Area 1 = 67117			Recovery = 100.74%			
21) Phenanthrene-d10	5.853	188	129204	4000.000	ng/ml	# 0.00
Standard Area 1 = 128499			Recovery = 100.55%			
30) Chrysene-d12	7.677	240	114213	4000.000	ng/ml	# 0.00
Standard Area 1 = 106244			Recovery = 107.50%			
34) Perylene-d12	8.762	264	116570	4000.000	ng/ml	0.00
Standard Area 1 = 104546			Recovery = 111.50%			
System Monitoring Compounds						
3) 2-Fluorophenol	2.083	112	23816	2890.605	ng/ml	0.02
Spiked Amount 5.000	Range 15 - 110		Recovery = 57812.10%#			
4) Phenol-d6	2.643	99	27944	2957.684	ng/ml	0.02
Spiked Amount 5.000	Range 15 - 110		Recovery = 59153.68%#			
8) Nitrobenzene-d5	3.190	82	17435	2180.537	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 87221.48%#			
14) 2-Fluorobiphenyl	4.391	172	47481	1646.171	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 65846.84%#			
20) 2,4,6-Tribromophenol	5.381	330	9588	2231.726	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 44634.52%#			
29) 4-Terphenyl-d14	6.976	244	53247	1749.591	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 69983.64%#			
Target Compounds						Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.		
23) Hexachlorobenzene	0.000		0	N.D.	d	
31) Benzo[a]anthracene	0.000		0	N.D.	d	
35) Benzo[b]fluoranthene	0.000		0	N.D.	d	
36) Benzo[k]fluoranthene	0.000		0	N.D.	d	
37) Benzo[a]pyrene	0.000		0	N.D.	d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		
39) Dibenzo[a,h]anthracene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-05.D
Acq On : 29 Dec 2020 06:39 pm
Operator : SV128:dv
Sample : L2056917-05,32,,BNEXT,
Misc : WG1449874,WG1448817,ICAL17133
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 30 11:59:16 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270SIM\SV128\201229\ccv1229.D
Sub List : DEFAULT_SIM - All compounds listed

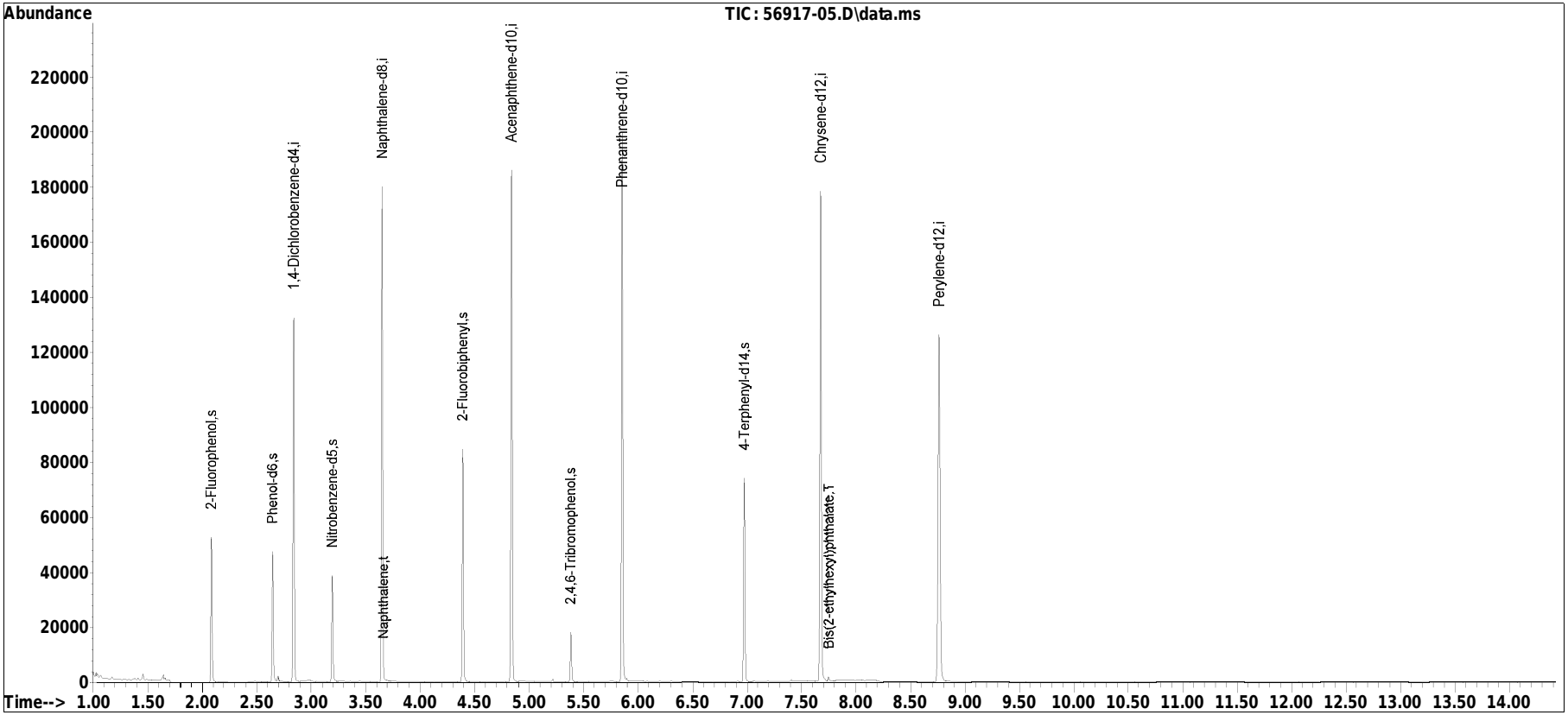
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-05.D
Acq On : 29 Dec 2020 06:39 pm
Operator : SV128:dv
Sample : L2056917-05,32,,BNEXT,
Misc : WG1449874,WG1448817,ICAL17133
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 30 11:59:16 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

Sub List : DEFAULT_SIM - All compounds listed9.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV128\201229\	QMethod	: SIM-LVI_200916_sv128.M
Data File	: 56917-05.D	Operator	: SV128:dv
Date Inj'd	: 12/29/2020 6:39 pm	Instrument	: SV128
Sample	: L2056917-05,32,,BNEXT,	Quant Date	: 12/30/2020 0:15 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-06.D
Acq On : 29 Dec 2020 07:00 pm
Operator : SV128:dv
Sample : L2056917-06,32,,BNEXT,
Misc : WG1449874,WG1448817,ICAL17133
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 30 11:59:48 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270SIM\SV128\201229\ccv1229.D
Sub List : DEFAULT_SIM - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.838	152	34770	4000.000	ng/ml	0.01
Standard Area 1 = 34837			Recovery = 99.81%			
9) Naphthalene-d8	3.652	136	125540	4000.000	ng/ml #	0.00
Standard Area 1 = 125705			Recovery = 99.87%			
17) Acenaphthene-d10	4.837	164	65560	4000.000	ng/ml	0.00
Standard Area 1 = 67117			Recovery = 97.68%			
21) Phenanthrene-d10	5.853	188	127965	4000.000	ng/ml #	0.00
Standard Area 1 = 128499			Recovery = 99.58%			
30) Chrysene-d12	7.677	240	113957	4000.000	ng/ml #	0.00
Standard Area 1 = 106244			Recovery = 107.26%			
34) Perylene-d12	8.765	264	118696	4000.000	ng/ml	0.00
Standard Area 1 = 104546			Recovery = 113.53%			
System Monitoring Compounds						
3) 2-Fluorophenol	2.083	112	18779	2340.740	ng/ml	0.02
Spiked Amount 5.000	Range 15 - 110		Recovery = 46814.80%#			
4) Phenol-d6	2.646	99	22964	2496.155	ng/ml	0.02
Spiked Amount 5.000	Range 15 - 110		Recovery = 49923.10%#			
8) Nitrobenzene-d5	3.190	82	15494	1990.059	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 79602.36%#			
14) 2-Fluorobiphenyl	4.391	172	41972	1487.084	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 59483.36%#			
20) 2,4,6-Tribromophenol	5.381	330	9659	2318.588	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 46371.76%#			
29) 4-Terphenyl-d14	6.975	244	46023	1526.866	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 61074.64%#			
Target Compounds						Qvalue
11) Hexachlorobutadiene	3.765	225	45	6.107	ng/ml#	19
23) Hexachlorobenzene	0.000		0	N.D.	d	
31) Benzo[a]anthracene	0.000		0	N.D.	d	
35) Benzo[b]fluoranthene	0.000		0	N.D.	d	
36) Benzo[k]fluoranthene	0.000		0	N.D.	d	
37) Benzo[a]pyrene	0.000		0	N.D.	d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		
39) Dibenzo[a,h]anthracene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-06.D
Acq On : 29 Dec 2020 07:00 pm
Operator : SV128:dv
Sample : L2056917-06,32,,BNEXT,
Misc : WG1449874,WG1448817,ICAL17133
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 30 11:59:48 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - i:\8270SIM\SV128\201229\ccv1229.D
Sub List : DEFAULT_SIM - All compounds listed

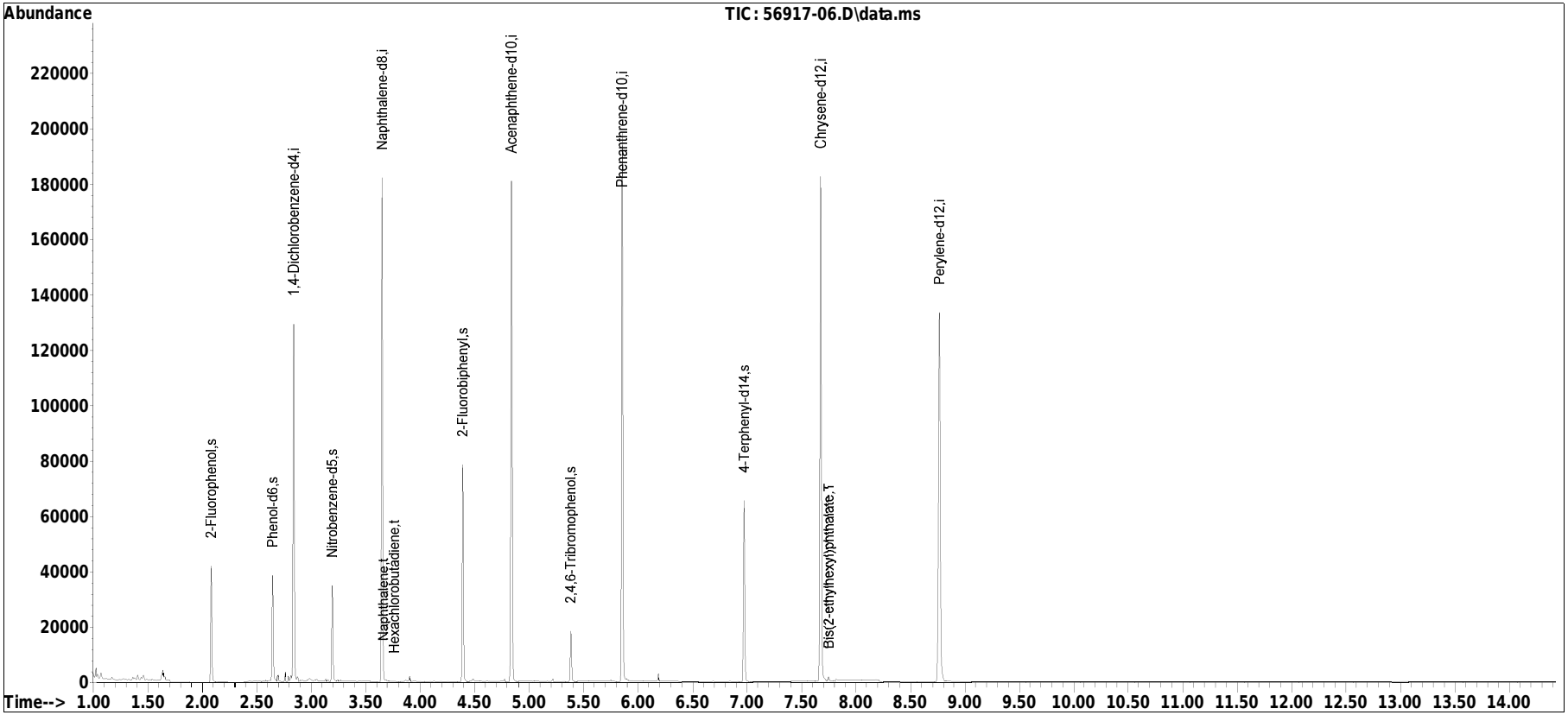
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

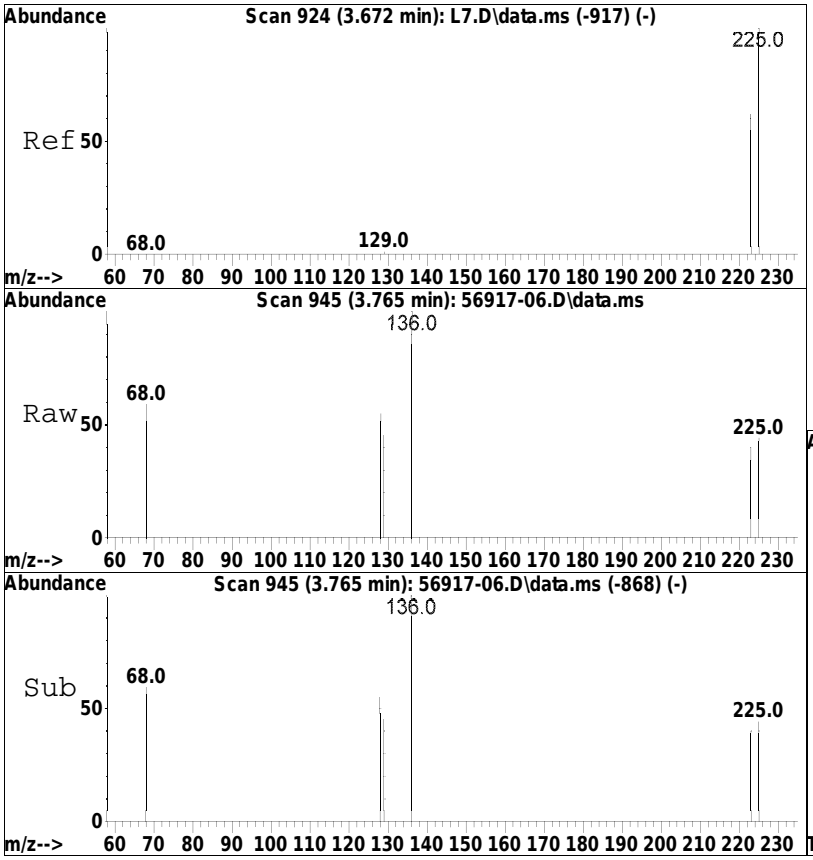
Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV128\201229\
Data File : 56917-06.D
Acq On : 29 Dec 2020 07:00 pm
Operator : SV128:dv
Sample : L2056917-06,32,,BNEXT,
Misc : WG1449874,WG1448817,ICAL17133
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 30 11:59:48 2020
Quant Method : i:\8270SIM\SV128\201229\SIM-LVI_200916_sv128.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 29 11:46:35 2020
Response via : Initial Calibration

Sub List : DEFAULT_SIM - All compounds listed9.D•

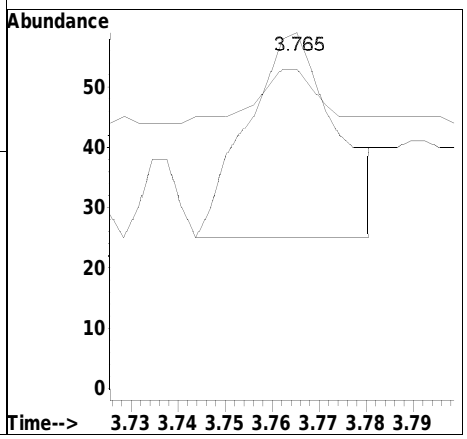




#11
Hexachlorobutadiene
Concen: 6.11 ng/ml
RT: 3.765 min Scan# 945
Delta R.T. 0.006 min
Lab File: 56917-06.D
Acq: 29 Dec 2020 07:00 pm

Tgt Ion:225 Resp: 45

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.4	75.6#



Manual Integration Report

Data Path	: I:\8270SIM\SV128\201229\	QMethod	: SIM-LVI_200916_sv128.M
Data File	: 56917-06.D	Operator	: SV128:dv
Date Inj'd	: 12/29/2020 7:00 pm	Instrument	: SV128
Sample	: L2056917-06,32,,BNEXT,	Quant Date	: 12/30/2020 0:15 am

There are no manual integrations or false positives in this file.

Method Blank
Raw Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\201226LVI\
Data File : 448415-1.D
Acq On : 26 Dec 2020 03:39 pm
Operator : SV125:wr
Sample : wg1448415-1,32,,nj
Misc : wg1449043,wg1448415,ical17142
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 29 08:50:32 2020
Quant Method : I:\8270SIM\SV125\201226LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 08:16:26 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\201226LVI\ccv1226.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.972	152	37345	4000.000	ng/ml	0.00
Standard Area 1 = 35536			Recovery = 105.09%			
9) Naphthalene-d8	3.802	136	134638	4000.000	ng/ml	# 0.00
Standard Area 1 = 127647			Recovery = 105.48%			
17) Acenaphthene-d10	4.997	164	81627	4000.000	ng/ml	0.00
Standard Area 1 = 69767			Recovery = 117.00%			
21) Phenanthrene-d10	6.012	188	169603	4000.000	ng/ml	# 0.00
Standard Area 1 = 130391			Recovery = 130.07%			
30) Chrysene-d12	7.828	240	165308	4000.000	ng/ml	# 0.00
Standard Area 1 = 118031			Recovery = 140.05%			
34) Perylene-d12	8.978	264	171537	4000.000	ng/ml	0.00
Standard Area 1 = 128649			Recovery = 133.34%			
System Monitoring Compounds						
3) 2-Fluorophenol	2.194	112	18955	1959.500	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 39190.00%#			
4) Phenol-d6	2.759	99	26082	2316.535	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 46330.70%#			
8) Nitrobenzene-d5	3.331	82	19520	2249.165	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 89966.60%#			
14) 2-Fluorobiphenyl	4.547	172	52576	2107.012	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 84280.48%#			
20) 2,4,6-Tribromophenol	5.538	330	9043	2657.214	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 53144.28%#			
29) 4-Terphenyl-d14	7.124	244	72527	2507.972	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 100318.88%#			
Target Compounds						Qvalue
11) Hexachlorobutadiene	0.000		0	N.D.		
23) Hexachlorobenzene	0.000		0	N.D.	d	
31) Benzo[a]anthracene	0.000		0	N.D.	d	
35) Benzo[b]fluoranthene	0.000		0	N.D.		
36) Benzo[k]fluoranthene	0.000		0	N.D.		
37) Benzo[a]pyrene	0.000		0	N.D.	d	
38) Indeno[1,2,3-cd]pyrene	0.000		0	N.D.		
39) Dibenzo[a,h]anthracene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\201226LVI\
Data File : 448415-1.D
Acq On : 26 Dec 2020 03:39 pm
Operator : SV125:wr
Sample : wg1448415-1,32,,nj
Misc : wg1449043,wg1448415,ical17142
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 29 08:50:32 2020
Quant Method : I:\8270SIM\SV125\201226LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 08:16:26 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\201226LVI\ccv1226.D
Sub List : Default - All compounds listed

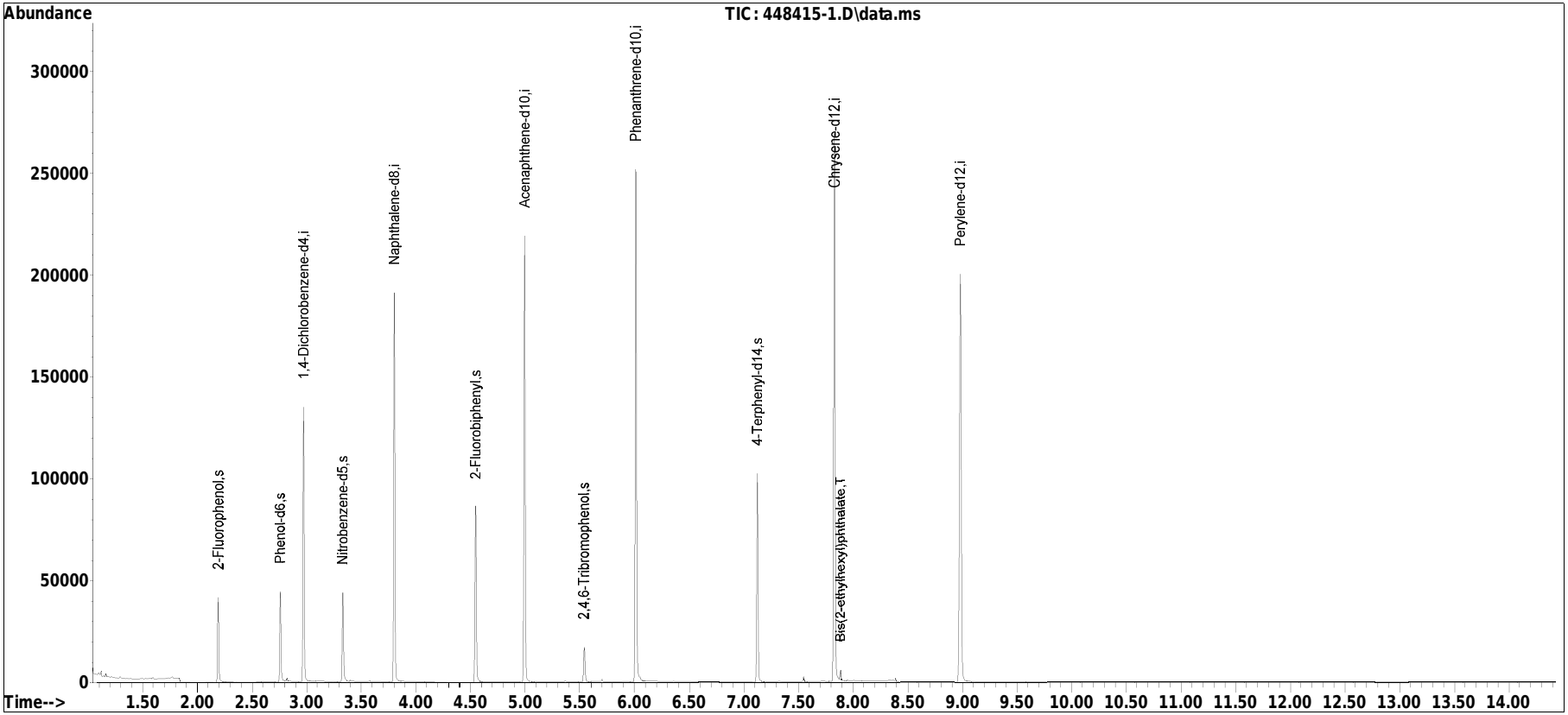
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\201226LVI\
Data File : 448415-1.D
Acq On : 26 Dec 2020 03:39 pm
Operator : SV125:wr
Sample : wg1448415-1,32,,nj
Misc : wg1449043,wg1448415,ical17142
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 29 08:50:32 2020
Quant Method : I:\8270SIM\SV125\201226LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 08:16:26 2020
Response via : Initial Calibration

Sub List : Default - All compounds listed\ccv1226.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV125\201226LVI	Method	: SIM-LVI_200917_sv125.M
Data File	: 448415-1.D	Operator	: SV125:wr
Date Inj'd	: 12/26/2020 3:39 pm	Instrument	: SV125
Sample	: wg1448415-1,32,,nj	Quant Date	: 12/28/2020 8:16 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\201229LVI\
Data File : 448817-1.D
Acq On : 29 Dec 2020 05:36 pm
Operator : SV125:dv
Sample : wg1448817-1,32,,nj
Misc : WG1449854,WG1448817,ical17142
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 29 17:58:39 2020
Quant Method : I:\8270SIM\SV125\201229LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 11:11:04 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\201229LVI\ccv1229.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	2.971	152	32194	4000.000	ng/ml	0.00
Standard Area 1 = 31817			Recovery = 101.18%			
9) Naphthalene-d8	3.801	136	112837	4000.000	ng/ml	# 0.00
Standard Area 1 = 114375			Recovery = 98.66%			
17) Acenaphthene-d10	4.997	164	64173	4000.000	ng/ml	0.00
Standard Area 1 = 64672			Recovery = 99.23%			
21) Phenanthrene-d10	6.011	188	130989	4000.000	ng/ml	# 0.00
Standard Area 1 = 126189			Recovery = 103.80%			
30) Chrysene-d12	7.828	240	124893	4000.000	ng/ml	# 0.00
Standard Area 1 = 119340			Recovery = 104.65%			
34) Perylene-d12	8.978	264	133564	4000.000	ng/ml	0.00
Standard Area 1 = 126181			Recovery = 105.85%			
System Monitoring Compounds						
3) 2-Fluorophenol	2.191	112	13940	1671.636	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 33432.72%#			
4) Phenol-d6	2.757	99	20886	2151.844	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 43036.88%#			
8) Nitrobenzene-d5	3.330	82	17896	2391.966	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 95678.64%#			
14) 2-Fluorobiphenyl	4.543	172	44724	2138.633	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 85545.32%#			
20) 2,4,6-Tribromophenol	5.540	330	6248	2335.267	ng/ml	0.00
Spiked Amount 5.000	Range 15 - 110		Recovery = 46705.34%#			
29) 4-Terphenyl-d14	7.123	244	61932	2772.916	ng/ml	0.00
Spiked Amount 2.500	Range 30 - 130		Recovery = 110916.64%#			

Target Compounds			Qvalue
11) Hexachlorobutadiene	0.000	0	N.D.
23) Hexachlorobenzene	0.000	0	N.D. d
31) Benzo[a]anthracene	0.000	0	N.D. d
35) Benzo[b]fluoranthene	0.000	0	N.D.
36) Benzo[k]fluoranthene	0.000	0	N.D.
37) Benzo[a]pyrene	0.000	0	N.D. d
38) Indeno[1,2,3-cd]pyrene	0.000	0	N.D.
39) Dibenzo[a,h]anthracene	0.000	0	N.D.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\201229LVI\
Data File : 448817-1.D
Acq On : 29 Dec 2020 05:36 pm
Operator : SV125:dv
Sample : wg1448817-1,32,,nj
Misc : WG1449854,WG1448817,ical17142
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 29 17:58:39 2020
Quant Method : I:\8270SIM\SV125\201229LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 11:11:04 2020
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270SIM\SV125\201229LVI\ccv1229.D
Sub List : Default - All compounds listed

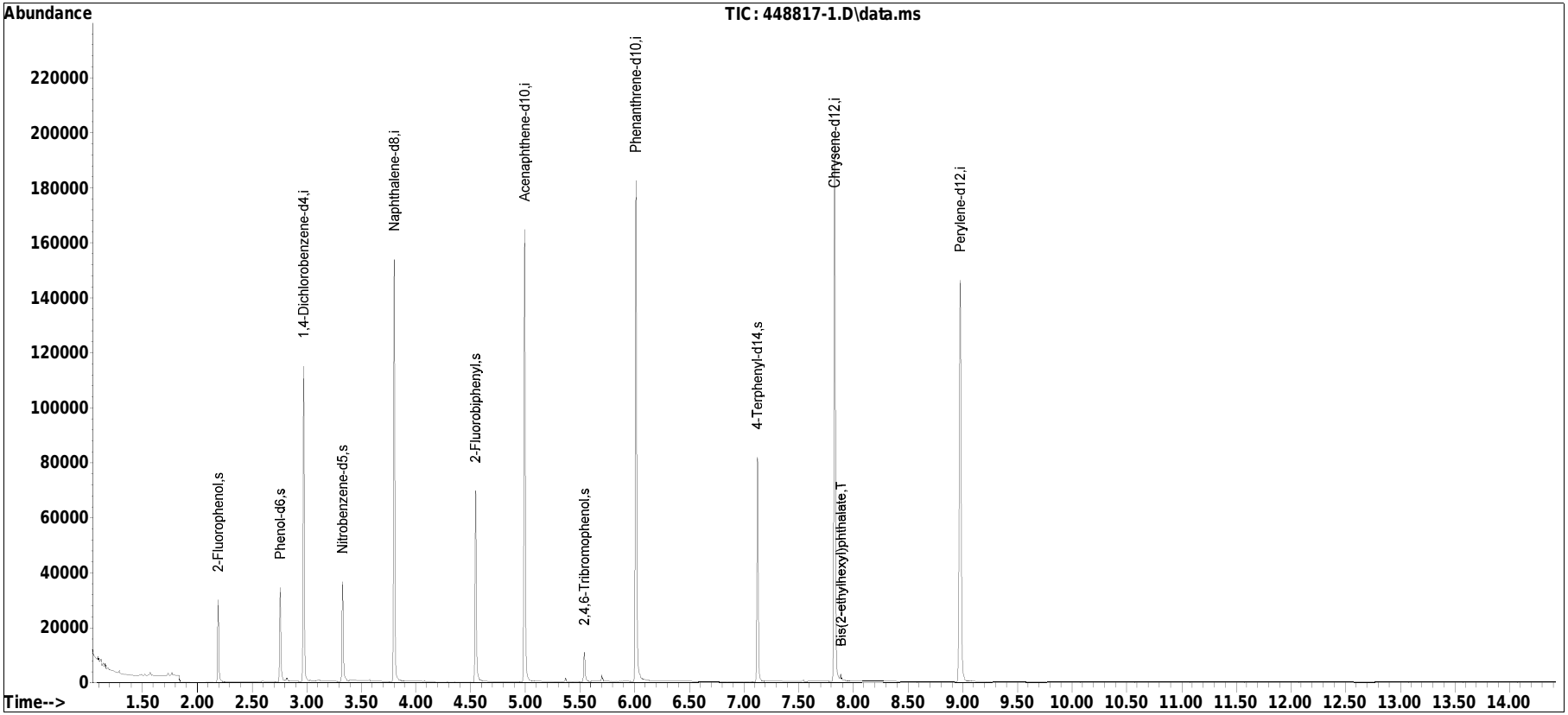
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV125\201229LVI\
Data File : 448817-1.D
Acq On : 29 Dec 2020 05:36 pm
Operator : SV125:dv
Sample : wg1448817-1,32,,nj
Misc : WG1449854,WG1448817,ical17142
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 29 17:58:39 2020
Quant Method : I:\8270SIM\SV125\201229LVI\SIM-LVI_200917_sv125.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 28 11:11:04 2020
Response via : Initial Calibration

Sub List : Default - All compounds listed\ccv1229.D•



Manual Integration Report

Data Path	: I:\8270SIM\SV125\201229LVI	Method	: SIM-LVI_200917_sv125.M
Data File	: 448817-1.D	Operator	: SV125:dv
Date Inj'd	: 12/29/2020 5:36 pm	Instrument	: SV125
Sample	: wg1448817-1,32,,nj	Quant Date	: 12/29/2020 5:58 pm

There are no manual integrations or false positives in this file.

Metals

Inorganic Data
(ICPMS Analysis)

Sample Results Summary

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-01	**Date Collected**	: 12/18/20 09:21
Client ID	: MW-1	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 20:37
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1450217.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 12/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	1.741	0.5000	0.1650	
7439-89-6	Iron, Total	2750	70.0	19.1	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-02	**Date Collected**	: 12/18/20 11:36
Client ID	: MW-2	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 20:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1450217.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 12/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	1.044	0.5000	0.1650	
7439-89-6	Iron, Total	1490	70.0	19.1	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-03	**Date Collected**	: 12/18/20 09:41
Client ID	: MW-3	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 20:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1450217.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 12/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	2.238	0.5000	0.1650	
7439-89-6	Iron, Total	6630	70.0	19.1	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-04	**Date Collected**	: 12/18/20 10:46
Client ID	: MW-4	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 20:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1450217.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 12/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	1.139	0.5000	0.1650	
7439-89-6	Iron, Total	2850	70.0	19.1	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-05	**Date Collected**	: 12/18/20 11:51
Client ID	: MW-5	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 20:56
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1450217.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 12/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	0.7841	0.5000	0.1650	
7439-89-6	Iron, Total	953.	70.0	19.1	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-06	**Date Collected**	: 12/18/20 10:31
Client ID	: MW-6	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/30/20 21:42
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1450217.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 12/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	2.169	0.5000	0.1650	
7439-89-6	Iron, Total	2630	70.0	19.1	

Form 1
METALS

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1449969-1	**Date Collected**	: NA
Client ID	: WG1449969-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/30/20 18:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: AM
Lab File ID	: WG1450217.pdf	**Instrument ID**	: ICPMSQ
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 12/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, Total	ND	0.5000	0.1650	U
7439-89-6	Iron, Total	ND	70.0	19.1	U

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:	R1388005-2		R1388005-5		R1388005-7		R1388005-9		WG1449969-1	
Date Analyzed	:	12/30/20 08:18		12/30/20 08:43		12/30/20 09:42		12/30/20 10:49		12/30/20 18:06	
Parameter		ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q
Arsenic		0.165	U	0.165	U	0.165	U	0.165	U	0.1650	U
Iron		38.7	J	47.8	J	41.2	J	25.3	J	19.1	U

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1388005-12		R1388005-14		R1388005-16			
Date Analyzed :			12/30/20 11:49		12/30/20 12:49		12/30/20 13:49			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Arsenic			0.165	U	0.165	U	0.165	U		
Iron			41.8	J	49.7	J	57.7			

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1388005-18		R1388005-20		R1388005-22			
Date Analyzed :			12/30/20 14:56		12/30/20 15:55		12/30/20 16:57			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Arsenic			0.165	U	0.165	U	0.165	U		
Iron			41.2	J	60.3		50.2			

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1388005-24		R1388005-26		R1388005-28			
Date Analyzed :			12/30/20 17:58		12/30/20 19:00		12/30/20 20:05			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Arsenic			0.165	U	0.165	U	0.165	U		
Iron			41.1	J	41.9	J	38.8	J		

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:			R1388005-30		R1388005-32					
Date Analyzed	:			12/30/20 21:06		12/30/20 22:11					
Parameter		ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Arsenic				0.165	U	0.165	U				
Iron				42.7	J	46.8	J				

Calibration Summary

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R1388005-1			R1388005-4			R1388005-6		R1388005-8	
Date Analyzed :	12/30/20 08:13			12/30/20 08:38			12/30/20 09:37		12/30/20 10:36	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic	50.0	48.5000	97	60.0000	62.5	104	62.6	104	61.6	103
Iron	5000	4930.0000	99	6000.0000	6150	102	6260	104	6190	103

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1388005-11			R1388005-13		R1388005-15	
Date Analyzed :				12/30/20 11:44			12/30/20 12:44		12/30/20 13:44	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic				60.0000	60.3	100	61.3	102	60.6	101
Iron				6000.0000	5890	98	5990	100	6080	101

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1388005-17			R1388005-19		R1388005-21	
Date Analyzed :				12/30/20 14:46			12/30/20 15:50		12/30/20 16:52	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic				60.0000	60.4	101	62.2	104	61.5	102
Iron				6000.0000	6030	100	6140	102	6100	102

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1388005-23			R1388005-25		R1388005-27	
Date Analyzed :				12/30/20 17:53			12/30/20 18:55		12/30/20 20:00	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic				60.0000	61.7	103	62.1	104	62.4	104
Iron				6000.0000	5990	100	6000	100	5960	99

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :				R1388005-29			R1388005-31			
Date Analyzed :				12/30/20 21:01			12/30/20 22:06			
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Arsenic				60.0000	63.0	105	63.2	105		
Iron				6000.0000	6020	100	6080	101		

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)
	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	85-115%	(Method 1631)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)
	85-115%	(Methods 200.8, 1631)
	80-120%	(Methods 7470, 7471)

ICP Interference Check Sample Results Summary

Form 4a
Interference Check Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ	**Concentration Units**	: ug/l

			Initial Found				Final Found			
Lab ID	:		R1388005-3							
Analysis Date	:		12/30/20 08:23							
Analyte	**Sol. A**	**Sol. AB**	**Sol. A**	**%R**	**Sol. AB**	**%R**	**Sol. A**	**%R**	**Sol. AB**	**%R**
Arsenic			0.107							
Iron	50000		49900	100						

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020

ICSA: 80-120%

ICSAB: 80-120%

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1449969-2	**LCS Analysis Date**	: 12/30/20 18:11
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ug/l)**	**Found (ug/l)**	**%R**	**True (ug/l)**	**Found (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Arsenic, Total	**120.**	**127.**	**106.**					**80-120**	**20**
Iron, Total	**1000**	**1030**	**103.**					**80-120**	**20**

Internal Standard Summary

Form 15
ICP-MS Internal Standards Relative Intensity Summary

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ	**Analysis Method**	: 1,6020B
Start Date	: 12/30/20	**End Date**	: 12/30/20

Sample #	Time	Internal Standards %RI For:				
		Lithium	Scandium	Ge	In	Bismuth
R1388005-1 ICV	08:13:17	87	95	89	93	143
R1388005-2 ICB	08:18:14	82	86	83	90	94
R1388005-3 ICSA	08:23:13	85	96	88	90	93
R1388005-4 CCV	08:38:05	86	100	86	92	100
R1388005-5 CCB	08:43:04	81	83	81	87	93
R1388005-6 CCV	09:37:20	105	122	100	106	107
R1388005-7 CCB	09:42:19	99	102	96	99	102
R1388005-8 CCV	10:36:57	88	100	87	94	103
R1388005-9 CCB	10:49:35	79	81	79	87	96
R1388005-11 CCV	11:44:21	83	93	83	94	103
R1388005-12 CCB	11:49:20	77	78	78	87	96
R1388005-13 CCV	12:44:27	89	98	90	99	105
R1388005-14 CCB	12:49:26	88	89	86	95	100
R1388005-15 CCV	13:44:56	87	94	89	97	102
R1388005-16 CCB	13:49:55	83	85	84	92	99
R1388005-17 CCV	14:46:43	91	97	90	96	105
R1388005-18 CCB	14:56:51	86	87	85	93	102
R1388005-19 CCV	15:50:59	86	94	88	97	102
R1388005-20 CCB	15:55:58	82	82	83	92	96
R1388005-21 CCV	16:52:52	81	89	80	90	97
R1388005-22 CCB	16:57:50	74	73	75	87	91
R1388005-23 CCV	17:53:48	77	83	75	85	95
R1388005-24 CCB	17:58:46	71	70	71	78	88
WG1449969-1 BLANK	18:06:17	70	67	71	80	83
WG1449969-2 LCS	18:11:12	75	75	76	83	94
R1388005-25 CCV	18:55:31	77	84	79	89	94
R1388005-26 CCB	19:00:30	71	71	73	83	88

Form 15
ICP-MS Internal Standards Relative Intensity Summary

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ	**Analysis Method**	: 1,6020B
Start Date	: 12/30/20	**End Date**	: 12/30/20

Sample #	Time	Internal Standards %RI For:				
		Lithium	Scandium	Ge	In	Bismuth
R1388005-27 CCV	20:00:03	85	92	80	91	100
R1388005-28 CCB	20:05:02	75	74	72	82	90
L2056917-01	20:37:06	88	90	83	92	94
L2056917-02	20:42:02	90	90	86	92	94
L2056917-03	20:46:58	91	90	86	93	96
L2056917-04	20:51:54	92	95	87	95	100
L2056917-05	20:56:51	89	89	85	94	100
R1388005-29 CCV	21:01:47	88	99	82	94	101
R1388005-30 CCB	21:06:46	78	77	75	84	93
L2056917-06	21:42:06	85	86	81	91	93
R1388005-31 CCV	22:06:50	87	100	82	95	98
R1388005-32 CCB	22:11:49	76	76	73	84	89

Run Logs

Form 13
Analysis Run Log

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ	**Analysis Method**	: 1,6020B
Start Date	: 12/30/20 07:15	**End Date**	: 12/30/20 22:11

Sample Number	Dilution Factor	Analysis Time	Arsenic, Total	Iron, Total
R1388005-10 TUNE		07:15:00		
R1388005-1 ICV	1	08:13:17	X	X
R1388005-2 ICB	1	08:18:14	X	X
R1388005-3 ICSA	1	08:23:13	X	X
R1388005-4 CCV	1	08:38:05	X	X
R1388005-5 CCB	1	08:43:04	X	X
R1388005-6 CCV	1	09:37:20	X	X
R1388005-7 CCB	1	09:42:19	X	X
R1388005-8 CCV	1	10:36:57	X	X
R1388005-9 CCB	1	10:49:35	X	X
R1388005-11 CCV	1	11:44:21	X	X
R1388005-12 CCB	1	11:49:20	X	X
R1388005-13 CCV	1	12:44:27	X	X
R1388005-14 CCB	1	12:49:26	X	X
R1388005-15 CCV	1	13:44:56	X	X
R1388005-16 CCB	1	13:49:55	X	X
R1388005-17 CCV	1	14:46:43	X	X
R1388005-18 CCB	1	14:56:51	X	X
R1388005-19 CCV	1	15:50:59	X	X
R1388005-20 CCB	1	15:55:58	X	X
R1388005-21 CCV	1	16:52:52	X	X
R1388005-22 CCB	1	16:57:50	X	X
R1388005-23 CCV	1	17:53:48	X	X
R1388005-24 CCB	1	17:58:46	X	X
WG1449969-1 BLANK	1	18:06:17	X	X
WG1449969-2 LCS	5	18:11:12	X	X
R1388005-25 CCV	1	18:55:31	X	X

Form 13
Analysis Run Log

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: ICPMSQ	**Analysis Method**	: 1,6020B
Start Date	: 12/30/20 07:15	**End Date**	: 12/30/20 22:11

Sample Number	Dilution Factor	Analysis Time	Arsenic, Total	Iron, Total
R1388005-26 CCB	1	19:00:30	X	X
R1388005-27 CCV	1	20:00:03	X	X
R1388005-28 CCB	1	20:05:02	X	X
L2056917-01	1	20:37:06	X	X
L2056917-02	1	20:42:02	X	X
L2056917-03	1	20:46:58	X	X
L2056917-04	1	20:51:54	X	X
L2056917-05	1	20:56:51	X	X
R1388005-29 CCV	1	21:01:47	X	X
R1388005-30 CCB	1	21:06:46	X	X
L2056917-06	1	21:42:06	X	X
R1388005-31 CCV	1	22:06:50	X	X
R1388005-32 CCB	1	22:11:49	X	X

Digestion Logs
ICPMS

Form 12
Preparation Log

Client	:	**Lisko Environmental, LLC**	**Lab Number**	:	**L2056917**
Project Name	:	**PISTOIA TIRE CO**	**Project Number**	:	**0064-5**
Matrix	:	**WATER**	**Prep Method**	:	**EPA 3005A**

Sample Number	Preparation Date	Weight (gram)	Volume (mL)
L2056917-01	12/29/20 22:50	-	50
L2056917-02	12/29/20 22:50	-	50
L2056917-03	12/29/20 22:50	-	50
L2056917-04	12/29/20 22:50	-	50
L2056917-05	12/29/20 22:50	-	50
L2056917-06	12/29/20 22:50	-	50
WG1449969-1	12/29/20 22:50	-	50
WG1449969-2	12/29/20 22:50	-	50

Wet Chemistry

Sulfate Analysis

Results Summary

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-01	**Date Collected**	: 12/18/20 09:21
Client ID	: MW-1	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 12:38
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,9038	**Analyst**	: JBL
Lab File ID	: WG1449839.csv	**Instrument ID**	: SPEC2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 12/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	11000	50000	6800	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-02	**Date Collected**	: 12/18/20 11:36
Client ID	: MW-2	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 12:38
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,9038	**Analyst**	: JBL
Lab File ID	: WG1449839.csv	**Instrument ID**	: SPEC2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 12/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	4100	20000	2700	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-03	**Date Collected**	: 12/18/20 09:41
Client ID	: MW-3	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 12:38
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,9038	**Analyst**	: JBL
Lab File ID	: WG1449839.csv	**Instrument ID**	: SPEC2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 12/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	3900	20000	2700	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-04	**Date Collected**	: 12/18/20 10:46
Client ID	: MW-4	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 12:38
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: JBL
Lab File ID	: WG1449839.csv	**Instrument ID**	: SPEC2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 12/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	2200	10000	1400	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-05	**Date Collected**	: 12/18/20 11:51
Client ID	: MW-5	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 12:38
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: JBL
Lab File ID	: WG1449839.csv	**Instrument ID**	: SPEC2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 12/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	7000	10000	1400	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-06	**Date Collected**	: 12/18/20 10:31
Client ID	: MW-6	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/29/20 12:38
Sample Matrix	: WATER	**Dilution Factor**	: 2.5
Analytical Method	: 1,9038	**Analyst**	: JBL
Lab File ID	: WG1449839.csv	**Instrument ID**	: SPEC2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 12/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	3500	25000	3400	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1449839-1	**Date Collected**	: NA
Client ID	: WG1449839-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/29/20 12:38
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,9038	**Analyst**	: JBL
Lab File ID	: WG1449839.csv	**Instrument ID**	: SPEC2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 12/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	2000	10000	1400	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1449839-3	**Date Collected**	: 12/18/20 09:21
Client ID	: MW-1DUP	**Date Received**	: 12/18/20
Sample Location	:	**Date Analyzed**	: 12/29/20 12:38
Sample Matrix	: WATER	**Dilution Factor**	: 5
Analytical Method	: 1,9038	**Analyst**	: JBL
Lab File ID	: WG1449839.csv	**Instrument ID**	: SPEC2
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	: 12/29/20

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14808-79-8	Sulfate	10000	50000	6800	J

Calibration Summary

Form 2A
Initial and Continuing Calibration Verification

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SPEC2	**Units**	: mg/l

		Initial Calibration			Continuing Calibration(s)						
Lab ID	:	R1387633-2			R1387633-3						
Date Analyzed	:	12/29/20 12:38			12/29/20 12:38						
Parameter		**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Sulfate		20.000	18.400	92	20.000	18.100	90				

Blank Results Summary

Form 3
Blanks

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Instrument ID	: SPEC2		

		Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID	:	R1387633-1		R1387633-4						WG1449839-1	
Date Analyzed	:	12/29/20 12:38		12/29/20 12:38						12/29/20 12:38	
Parameter		mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q	ug/l	Q
Sulfate		2.00	J	2.00	J					2000	J

Spike Sample Results

Form 5a
Matrix Spike

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Client Sample ID	: MW-1	**Matrix**	: WATER
Lab Sample ID	: L2056917-01		
Matrix Spike	: WG1449839-4	**MS Analysis Date**	: 12/29/20 12:38
Matrix Spike Dup	:	**MSD Analysis Date**	:

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	**Sample Conc. (ug/l)**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**	**Spike Added (ug/l)**	**Spike Conc. (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Sulfate	**11000J**	**100000**	**120000**	**120**					**55-147**	**14**

Duplicate Sample Results Summary

Form 6
Lab Duplicates

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Client Sample ID	: MW-1	**Matrix**	: WATER
Lab Sample ID	: L2056917-01	**Analysis Date**	: 12/29/20 12:38
Dup Sample ID	: WG1449839-3	**DUP Analysis Date**	: 12/29/20 12:38

Parameter	Sample Concentration (ug/l)	Duplicate Concentration (ug/l)	RPD	RPD Limit
Sulfate	11000J	10000J	NC	14

LCS Sample Results Summary

Form 7
Laboratory Control Sample

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Client Sample ID	: NA	**Matrix**	: WATER
Lab Sample ID	: WG1449839-2	**LCS Analysis Date**	: 12/29/20 12:38
Dup Sample ID	:	**LCSD Analysis Date**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ug/l)**	**Found (ug/l)**	**%R**	**True (ug/l)**	**Found (ug/l)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Sulfate	20000	18000	90.					90-110	14

Nitrate and Nitrite Analysis

Results Summary

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-01	**Date Collected**	: 12/18/20 09:21
Client ID	: MW-1	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/19/20 07:47
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO3201219-A1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	36.7	50.0	13.2	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-02	**Date Collected**	: 12/18/20 11:36
Client ID	: MW-2	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/19/20 07:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO3201219-A1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	16.1	50.0	13.2	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-03	**Date Collected**	: 12/18/20 09:41
Client ID	: MW-3	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/19/20 07:50
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO3201219-A1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	28.0	50.0	13.2	J

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-04	**Date Collected**	: 12/18/20 10:46
Client ID	: MW-4	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/19/20 07:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO3201219-A1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	ND	50.0	13.2	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-05	**Date Collected**	: 12/18/20 11:51
Client ID	: MW-5	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/19/20 07:52
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO3201219-A1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	ND	50.0	13.2	U

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-06	**Date Collected**	: 12/18/20 10:31
Client ID	: MW-6	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/19/20 07:54
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO3201219-A1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Nitrogen, Nitrite	80.4	50.0	13.2	

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: WG1447012-1	**Date Collected**	: NA
Client ID	: WG1447012-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/19/20 07:13
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO3201219-A1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Nitrogen, Nitrite**	**ND**	**50.0**	**13.2**	**U**

Form 1
WETCHEM

Client	: Lisko Environmental, LLC	**Lab Number**	: L2056917
Project Name	: PISTOIA TIRE CO	**Project Number**	: 0064-5
Lab ID	: L2056917-01	**Date Collected**	: 12/18/20 09:21
Client ID	: MW-1	**Date Received**	: 12/18/20
Sample Location	: 6380 BLACK HORSE PIKE, MAYS LANDING, NJ	**Date Analyzed**	: 12/19/20 07:47
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 121,4500NO3-F	**Analyst**	: MRM
Lab File ID	: NO3201219-A1	**Instrument ID**	: LACHAT4
Sample Amount	:	**%Solids**	: N/A
Digestion Method	:	**Date Digested**	:

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
14797-55-8	Nitrogen, Nitrate	89.0	100	22.8	J