March 16, 2026

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau D
625 Broadway 12th Floor
Albany, New York 12233-7013
Attn: Mr. Rafi Alam

Re: 2025 Annual Progress Report
ExxonMobil Greenpoint Petroleum Remediation Project
Greenpoint, Brooklyn, New York

Dear Mr. Alam:

Enclosed is the 2025 Annual Progress Report for the ExxonMobil Greenpoint Petroleum Remediation Project including the former Brooklyn Terminal Free-Product Recovery and Containment System, the Off-Site Free-Product Recovery System, and the Soil Vapor Extraction System, as well as operation, maintenance, monitoring and remedial activities. This report summarizes the quarterly progress during the Fourth Quarter of 2025, and annually throughout 2025. This report has been prepared in accordance with the Corrective Action Plan (CAP) included as Exhibit 2 of the Consent Decree between the State of New York and ExxonMobil filed on March 1, 2011, in the United States District Court, Eastern District of New York (CD COD-AOD 10-133).

Should there be any questions or comments on this submission, please do not hesitate to contact me at (281) 638-3010.

Sincerely,



John J Lee
Remediation Portfolio Manager

Attachment

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ExxonMobil

2025 Annual Progress Report

ExxonMobil Greenpoint
Petroleum Remediation Project
Greenpoint, Brooklyn, New York

March 16, 2026

Prepared for:

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Acronym List

Acronym	Definition
5Y-RSER	Five-Year Recovery System Evaluation Report
AAR	Alternatives Analysis Report
ASTM	American Society for Testing and Materials
BTEX	Benzene, Toluene, Ethylbenzene, and Total Xylenes
CAP	Corrective Action Plan
CCR	Construction Completion Report
CFPT	Corrected Free-Product Thickness
CSP	Conceptual Site Plan
CVOC	Chlorinated Volatile Organic Compound
DMR	Discharge Monitoring Report
DPLE	Dual-Pump Liquid Extraction
EE	Environmental Easement
EMGPRP	ExxonMobil Greenpoint Petroleum Remediation Project
FER	Final Engineering Report
FPE	Free-Product Elevation
FPT	Free-Product Thickness
FRP-VIWP	Former Refinery Property Vapor Intrusion Work Plan
GAC	Granular Activated Carbon
GWE	Groundwater Elevation
HDPE	High Density Polyethylene
HFID	Hydrocarbon Flame-Ionization Detector
IRM	Interim Remedial Measure
LEL	Lower Explosion Limit
LNAPL	Light Non-Aqueous Phase Liquid
MNA	Monitored Natural Attenuation
NYCDOB	New York City Department of Buildings
NYCRR	New York Codes Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
O&M	Operations and Maintenance
ORS	Off-Site Free-Product Recovery System
OSS	Off-Site System
OU	Operable Unit

Acronym	Definition
PCB	Polychlorinated Biphenyl
PRR	Periodic Review Report
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCS	Former Brooklyn Terminal Free-Product Recovery and Containment System
SMP	Site Management Plan
SPDES	State Pollutant Discharge Elimination System
SVE	Soil Vapor Extraction
SVOC	Semi-Volatile Organic Compound
SWO	Stop Work Order
TPH	Total Petroleum Hydrocarbons
USEPA	United States Environmental Protection Agency
VER	Vacuum-Enhanced Recovery
VGAC	Vapor-Phase Granular Activated Carbon
VOC	Volatile Organic Compound

1. Introduction

This Annual Progress Report, which includes the Fourth Quarter of 2025 Progress Report (collectively, the "Report"), presents a summary of activities performed by Roux Environmental Engineering and Geology, D.P.C. (Roux) on behalf of ExxonMobil Environmental Solutions, on behalf of ExxonMobil Oil Corporation (collectively, "ExxonMobil"), as part of the ExxonMobil Greenpoint Petroleum Remediation Project (EMGPRP) during the 2025 calendar year. The EMGPRP includes the environmental investigation, monitoring, and remediation activities that ExxonMobil is performing within the project area (Site), shown on Figure 1, as defined in the Consent Decree between the State of New York and ExxonMobil, filed on March 1, 2011, in the United States District Court, Eastern District of New York (Consent Decree).

The activities described in this Report were conducted under the oversight of the New York State Department of Environmental Conservation (NYSDEC), and in accordance with the requirements of the Consent Decree.

This Report describes operations and maintenance (O&M) activities, as well as remedial investigation, design, and construction activities, completed from January 1, 2025 through December 31, 2025. The Site is divided into eight, geographically-based operable units (OUs) that were developed considering a variety of factors, including, but not limited to, geography and media. The eight OUs within the Site are shown in Figure 2 and have been numbered from north to south. A more detailed description of the remediation systems at the EMGPRP Site and definition of the OUs is set forth in the Five-Year Recovery System Evaluation Report (5Y-RSER) 2018-2022, submitted to the NYSDEC on June 13, 2023 and the Revised Conceptual Site Plan (CSP) submitted to the NYSDEC on February 3, 2012 and approved on January 17, 2013. The latest version of the Revised Conceptual Site Model, dated March 14, 2025, which was originally included in the CSP, is provided in Appendix A.

This Report is separated into the following sections:

- Section 2: Provides a summary of the Fourth Quarter of 2025 O&M activities;
- Section 3: Provides an overview of the operations of the remedial systems and progress of the remedial efforts during 2025;
- Section 4: Provides a summary of Site-wide monitoring activities completed during the Fourth Quarter of 2025;
- Section 5: Provides a summary of regulatory deliverables and remedial activities including, but not limited to, interim remedial measure (IRM) activities completed in the Fourth Quarter of 2025; and
- Section 6: Provides a summary of goals and potential remediation activities anticipated to be completed during 2026.

Tables, figures, appendices, and plates documenting and summarizing the activities are attached at the end of this Report.

2. Fourth Quarter of 2025 System O&M and Activities Summary

The EMGPRP remediation systems are comprised of three different facilities, including:

- The Former Brooklyn Terminal Free-Product Recovery and Containment System (RCS);
- The Off-Site Free-Product Recovery System (ORS); and
- The Soil Vapor Extraction (SVE) system.

All three facilities are located within the Site and are connected via a network of underground piping. The ORS and SVE systems are also collectively known as the Off-Site System (OSS). The RCS currently consists of seven recovery wells (RW-14, RW-16, RW-17, RW-18, RW-20, RW-28, and RW-29) located within OU-4 and OU-5, each with a dual-pump liquid extraction (DPLE) recovery system and a connection to a treatment system and outfall. Groundwater extracted from an additional five recovery wells (RW-21, RW-24, RW-25, RW-H, and RW-I) located within OU-7 is conveyed to the RCS groundwater treatment facility. The ORS consists of 12 recovery wells (RW-A, RW-C, RW-D, RW-F, RW-H, RW-I, RW-K, RW-L, RW-M, RW-21, RW-24, and RW-25) located within OU-7 and OU-8, each with a DPLE recovery system and a connection to a treatment system and outfall. The approximate locations of the existing RCS, ORS, and recovery wells are shown on Figure 3.

The existing SVE system consists of 21 SVE wells, including eight located on third-party properties in OU-5 (SVE-501 through SVE-508), eight located within the commercial / industrial area of OU-7 (SVE-703, SVE-704, SVE-706 through SVE-710, and SVE-714), and five located within the commercial / industrial area of OU-8 (SVE-814 through SVE-818). Vapor is also extracted from nine recovery wells (RW-17, RW-18, RW-21, RW-24, RW-25, RW-28, RW-C, RW-F, and RW-M) during normal recovery well operations, as part of the Vacuum-Enhanced Recovery (VER) IRM being performed in accordance with the VER IRM Work Plan submitted to the NYSDEC on November 22, 2019, and approved on December 30, 2019. These SVE wells and VER recovery wells are connected to a common header of 12-inch diameter high-density, polyethylene (HDPE) piping installed beneath the New York City streets, which conveys extracted soil vapor to the SVE flame oxidation unit (Flame-Ox; currently operating in catalytic oxidation mode) located at 38 Varick Street in Greenpoint, Brooklyn, New York. The location of the existing SVE system infrastructure is shown on Figure 4.

These three remediation systems are further described in the 5Y-RSERs (i.e., the 5Y-RSER 2012-2017 dated June 13, 2018, and the 5Y-RSER 2018-2022 dated June 13, 2023). The following section summarizes and describes remedial system operations, maintenance, and monitoring activities completed during the Fourth Quarter of 2025.

2.1 RCS Free-Product Recovery

As part of the O&M activities, RCS performance is monitored on a continual basis. The data collected as a result of these monitoring efforts during the Fourth Quarter of 2025 are included in Tables 1, 2, and 3. As shown on Tables 1, 2, and 3, the RCS recovered a total of approximately 320 gallons, 273 gallons, and 209 gallons of free-product from recovery wells RW-14, RW-16, RW-17, RW-18, RW-20, RW-28, and RW-29 during the reporting period months of October, November, and December, respectively, for a

combined total quarterly recovery of approximately 802 gallons. Although groundwater extracted from recovery wells RW-21, RW-24, RW-25, RW-H, and RW-I is conveyed to the RCS for treatment, free-product recovery for these wells is associated with the ORS, as described below in Section 2.2, due to their location in OU-7. The approximate volume of free-product recovered, in gallons, on an annual basis for the RCS since start-up in 1979, is provided in Table 4.

The average RCS free-product recovery and runtime statistics during this reporting period were approximately:

- 10 gallons per day, for the period of October 1, 2025 through October 31, 2025, with an approximate RCS runtime of 96 percent;
- 9 gallons per day, for the period of November 1, 2025 through December 2, 2025, with an approximate RCS runtime of 98 percent; and
- 7 gallons per day, for the period of December 3, 2024 through January 1, 2026, with an approximate RCS runtime of 98 percent.

The reporting periods above do not necessarily begin on the first day of each month or end on the last day of each month because recovery well parameters are not taken on weekends or when weather conditions are severe. When the beginning or end of a month falls on a day where parameters were not taken, the reporting period dates are chosen to be days on which parameters were taken such that all groundwater influent volumes and free-product recovery volumes are captured. A summary of the RCS downtime events is provided in Appendix B.

2.2 ORS Free-Product Recovery

As part of the O&M activities, ORS performance is monitored on a continual basis. The data collected as a result of these monitoring efforts during the Fourth Quarter of 2025 are summarized in Tables 5, 6, and 7, which show the ORS recovered a total of approximately 120 gallons, 229 gallons, and 180 gallons of free-product from recovery wells RW-A, RW-C, RW-D, RW-F, RW-H, RW-I, RW-K, RW-L, RW-M, RW-21, RW-24, and RW-25 during the reporting period months of October, November, and December, respectively, for a combined total quarterly recovery of approximately 529 gallons. The approximate volume of free-product recovered, in gallons, on an annual basis for the ORS since start-up in 1995, is provided in Table 8. The average ORS free-product recovery and runtime statistics during this reporting period were approximately:

- 4 gallons per day, for the period of October 1, 2025 through October 31, 2025, with an approximate ORS runtime of 92 percent;
- 7 gallons per day, for the period of November 1, 2025 through December 2, 2025, with an approximate ORS runtime of 93 percent; and
- 6 gallons per day, for the period December 3, 2025 through January 1, 2026, with an approximate ORS runtime of 94 percent.

The methodology for determining reporting periods is described above in Section 2.1. A summary of the ORS downtime events is provided in Appendix B. ExxonMobil will continue to monitor free-product recovery trends and provide updates in future Quarterly and Annual Progress Reports.

2.3 SVE System and VER Recovery

As part of the O&M activities, the SVE system performance and VER performance are monitored on a continual basis. SVE / VER operations include 21 SVE wells and nine VER wells, with VER activities currently being operated at recovery wells RW-17, RW-18, RW-21, RW-24, RW-25, RW-28, RW-C, RW-F, and RW-M. The vapor process streams extracted from these SVE and VER wells are treated by the SVE Flame-Ox unit and contribute to the overall SVE system recovery. The data collected as a result of these monitoring efforts during the Fourth Quarter of 2025 are summarized in Tables 9, 10, and 11. These tables show the SVE system recovered a total of approximately 798 gallons, 772 gallons, and 895 gallons of equivalent free-product in the vapor-phase during the reporting period months of October, November, and December, respectively, for a combined total quarterly recovery of approximately 2,465 gallons. The approximate volume of equivalent free-product recovered in gallons on an annual basis for the SVE system, since start-up in 2009, is provided in Table 12. The average SVE / VER vapor-phase recovery, SVE / VER well airflow rate, and runtime statistics during this reporting period were approximately:

- 26 gallons per day, equivalent, for the period of October 1, 2025 through October 31, 2025, with an average airflow of 325 cubic feet per minute (cfm) and an approximate SVE system runtime of 99 percent;
- 26 gallons per day, equivalent, for the period of November 1, 2025 through November 30, 2025, with an average airflow of 326 cfm and an approximate SVE system runtime of 98 percent; and
- 29 gallons per day, equivalent, for the period of December 1, 2025 through December 31, 2025, with an average airflow of 340 cfm and an approximate SVE system runtime of 93 percent.

The SVE Flame-Ox unit is equipped with a Heated Flame-Ionization Detector (HFID) that is used to measure the total petroleum hydrocarbon (TPH) concentration of the SVE / VER influent stream and calculate vapor-phase recovery / equivalent free-product recovery in the SVE process stream. The methodology for calculating equivalent free-product volume recovered by the SVE system can be found within the SVE Contribution to Free-Product Recovery letter from Roux Associates to the NYSDEC, dated January 26, 2011, and in the 5Y-RSER dated June 13, 2023. A summary of SVE downtime events is provided in Appendix B.

Air samples were collected from the SVE system influent and effluent in October, November, and December, in accordance with the NYSDEC guidance document, “DAR-1 - Guidelines for the Evaluation and Control of Ambient Air Contaminants Under 6NYCRR Part 212” (DAR-1), for ambient air contaminants. The samples were sent to Eurofins Lancaster Laboratories of Lancaster, Pennsylvania for analysis of methane, ethane, propane, butane, pentane, hexane, and TPH as methane equivalent, using the United States Environmental Protection Agency (USEPA) Methods EPA-18 and TO-15. The TPH concentrations include methane, benzene, toluene, ethylbenzene, and total xylenes (BTEX), as well as other volatile organic compounds (VOCs), if present, in the process air sample. A summary of the influent concentration data is provided in Table 13. A summary of maximum influent and effluent concentrations for the SVE system, along with emission limits, is provided in Appendix C. SVE air sampling documentation and laboratory analytical data are provided in Appendix D.

Performance data for the VER wells (RW-17, RW-18, RW-21, RW-24, RW-25, RW-28, RW-C, RW--F, and RW-M), including average vapor-phase recovery, liquid-phase free-product recovery, runtime statistics, and

screening values for the Fourth Quarter of 2025, are summarized in Tables 14, 15, and 16. Total average vapor-phase recovery from the above-mentioned wells during this reporting period were approximately:

- 12 gallons per day, equivalent, for the period of October 1, 2025 through October 31, 2025;
- 11 gallons per day, equivalent, for the period of November 1, 2025 through November 30, 2025; and
- 11 gallons per day, equivalent, for the period of December 1, 2025 through December 31, 2025.

Vapor phase equivalent free-product recovery from the VER wells is included in the SVE system recovery totals discussed above. VER equivalent free-product calculations are based on an average of the daily field measurements of methane at each of the VER wells and the ratio of methane to TPH based on laboratory data. While the methodology to convert TPH to equivalent free-product volume for both the SVE and VER wells are the same, variations in the equipment used to obtain TPH readings and the frequency of these readings may result in VER recovery volumes higher than that of SVE recovery totals. Liquid -phase recovery can also be influenced by VER operations, which is further explained in the VER Pilot Study Summary Report, submitted to the NYSDEC on May 17, 2018, and approved on June 19, 2018. In general, VER operations appear to have resulted in sustained liquid-phase recovery at recovery wells RW-21, RW-24, and RW-25 in the Fourth Quarter of 2025. Liquid-phase recovery was observed at RW-17, RW-28, and RW-F as well, during the Fourth Quarter of 2025 but was intermittent over the course of the reporting period.

2.4 System Groundwater Treatment

During the reporting period, groundwater was pumped by the RCS recovery wells and the ORS recovery wells. These streams were conveyed to, and treated by, the RCS and ORS groundwater treatment facilities, in accordance with the State Pollutant Discharge Elimination System (SPDES) Permit, effective April 1, 2025. Under normal operating conditions, groundwater from 7 of the 12 recovery wells operating in OU-7 and OU-8 (RW-A, RW-C, RW-D, RW-F, RW-K, RW-L, and RW-M) is treated by the ORS. The groundwater extracted by the remaining five recovery wells operating in OU-7 (RW-21, RW-24, RW-25, RW-H, and RW-I) is conveyed to, and treated by, the RCS, along with the groundwater extracted from the recovery wells operating in OU-4 and OU-5 (RW-14, RW-16, RW-17, RW-18, RW-20, RW-28, and RW--29). Groundwater treatment performance and SPDES discharge monitoring activities during the Fourth Quarter of 2025 are discussed further below.

2.4.1 RCS Groundwater Treatment

During the Fourth Quarter of 2025, a total of approximately 42,147,016 gallons of groundwater was pumped to the RCS for treatment and discharged via Outfall 01A, in accordance with the SPDES Permit. The total volume of treated groundwater included approximately 17,099,423 gallons from the recovery wells operating in OU-4 and OU-5 and approximately 27,542,793 gallons from the recovery wells operating in OU-7. The 17,099,423 gallons extracted from the OU-4 and OU-5 recovery wells represents a water-to-free-product extraction ratio for the RCS of approximately 21,321 gallons of groundwater extracted per gallon of free-product recovered. After combining the treated groundwater with the former Brooklyn Terminal stormwater, a total of approximately 44,268,549 gallons of treated groundwater and stormwater were discharged via Outfall 001, in accordance with the SPDES Permit. The RCS discharge was sampled in accordance with the SPDES Permit Discharge Monitoring Report (DMR) requirements on October 14 and 21, November 11 and 18, and December 10 and 18, 2025, as described below in Section 2.4.3. The RCS process air is also sampled on a monthly basis prior to, and following, treatment by the vapor-phase

granular activated carbon (VGAC) units. A summary of maximum influent and effluent concentrations for the RCS, along with emission limits, is provided in Appendix C. RCS process air sampling documentation and laboratory analytical data are provided in Appendix D.

2.4.2 ORS Groundwater Treatment

During the Fourth Quarter of 2025, a total of approximately 59,071,846 gallons of groundwater was pumped by the recovery wells operating in OU-7 and OU-8, representing a water-to-free-product extraction ratio for the ORS of approximately 111,667 gallons of groundwater extracted per gallon of free-product recovered. Of those 59,071,846 gallons, a total of approximately 31,529,053 gallons of groundwater was treated at the ORS and discharged via Outfall 002, in accordance with the SPDES Permit. The remaining 27,542,793 gallons were conveyed to the RCS facility for treatment and discharge, as described above in Section 2.4.1. The ORS discharge was sampled in accordance with the SPDES Permit DMR requirements on October 23 and 28, November 13 and 20, and December 11 and 31, 2025, as described below in Section 2.4.3.

The ORS process air is also sampled on a monthly basis prior to, and following, treatment by the SVE Flame-Ox unit. As discussed in Section 2.3, a summary of maximum influent and effluent concentrations for the SVE system, which includes the ORS process air, along with emission limits, is provided in Appendix C. ORS and SVE process air sampling documentation and laboratory analytical data are provided in Appendix D.

2.4.3 System Discharge Monitoring Reporting

The discharges from the EMGPRP remediation systems were sampled in accordance with the SPDES Permit DMR requirements in October, November, and December 2025. All samples were collected in accordance with NYSDEC guidelines. The analytical results indicated no exceedances of discharge quality limits or action levels for the parameters specified for SPDES-permitted outfalls.

Photographs documenting the appearance of the outfall areas in October, November, and December 2025 are included in Appendix E. DMR sampling documentation and laboratory analytical data have been provided in each of the three DMR submittals for the Fourth Quarter of 2025. Based on photographs and visual inspections of the discharge locations performed by EMGPRP remediation systems operations personnel during the DMR sampling activities, the EMGPRP remediation system discharges were in compliance with the narrative water quality standard for turbidity (New York Codes, Rules and Regulations [NYCRR] Title 6, Chapter X, Part 703.2) during the reporting period.

2.5 Recovery Well Redevelopment and Force Main Evaluation

Recovery well redevelopment is typically conducted when free-product recovery at a recovery well appears to decrease as a result of decreased performance of the well. The general procedure for evaluating recovery wells for potential redevelopment is as follows:

- Free-product recovery trends are analyzed in an effort to identify any decreases in free-product recovery.
- Where there have been decreases in free-product recovery, specific capacity is used in an effort to evaluate the performance of the well, in terms of the flow rate of groundwater pumped by the well divided by the amount of drawdown.
- When specific capacity has decreased, groundwater elevation (GWE) trends are examined at surrounding monitoring wells in an effort to assess whether increases in drawdown for a given flow

rate at the recovery well likely reflect decreases in well performance, and are not the result of other factors, including, but not limited to, decreases in adjacent and / or Site-wide fluid elevations caused by seasonal level fluctuations or operational changes at other adjacent recovery wells that are within the area of influence of the recovery well that is being evaluated.

- When decreased free-product recovery and specific capacity suggest a recovery well has experienced a decrease in performance, a submersible down-hole camera is then used in an effort to examine the recovery well for signs of potential fouling.
- If there are signs of fouling, any excess backpressure exhibited at the recovery well is first addressed through force main cleaning activities, and then specific capacity, pump discharge pressure, and free-product recovery trends are examined once again in an effort to assess whether well redevelopment is necessary.
- If there are still signs of decreased well performance, the recovery well is scheduled for redevelopment. If an improvement in performance is observed, then the specific capacity and GWE will continue to be monitored on a monthly basis, along with free-product recovery, in an effort to evaluate any changes in performance.

As documented in prior reports, force main cleaning activities are performed periodically in an effort to remove scale deposits, if present, that can potentially restrict flow. Backpressure and groundwater pump performance indicators (e.g., groundwater pump speed, ability to maintain specified operational setpoints) at each recovery well will continue to be evaluated. During the Fourth Quarter of 2025, groundwater piping was cleaned between recovery well RW-21's wellhouse and RW-21's well vault in order to address scale deposit accumulation that could interfere with groundwater pump performance. Force main cleaning activities are anticipated to be performed in the Second Quarter of 2026, subject to weather and crew availability, in an effort to address additional scale deposits, if any. Following these activities, the operating data from the recovery wells will be reviewed to determine if the force main cleaning activities have reduced the flow restrictions, to the extent such restrictions were present.

Operational data and specific capacity trends as well as camera inspections are anticipated to be performed and evaluated in 2026 to determine which wells, if any, need redevelopment work. Updates on recovery well operational data and specific capacity calculations will be provided in future Quarterly and Annual Progress Reports. Updates on the status of force main cleaning and recovery well redevelopment will be provided in future Quarterly Progress Reports.

2.6 Recovery Well Shutdown Evaluation

As the project continues to successfully recover free-product, recovery rates likely will continue to decline over time due to the self-limiting nature of the free-product recovery process. The overall decline in free-product recovery for the RCS and ORS systems, despite the continued significant groundwater extraction, is shown by the large ratios of groundwater recovery to free-product recovery (approximately 21,321 and 111,667 gallons of groundwater extracted per gallon of free-product recovered during the reporting period for the RCS and the ORS, respectively, as discussed above in Sections 2.4.1 and 2.4.2). As the recovery rates of the overall systems and their individual recovery wells decrease, an on-going evaluation will be performed in an effort to determine the operational endpoint of each recovery well. When the recovery rate of a recovery well declines to the point that it is no longer recovering free-product at a significant rate, and light non-aqueous phase liquid (LNAPL) transmissivity data support that the free-product is approaching residual saturation, the useful lifetime of the well for hydraulic recovery efforts will be over. At that point, as long as the change in operation will not inhibit the ability of the recovery system to maintain hydraulic control, and ExxonMobil makes a determination to shut down the recovery well, ExxonMobil will submit the request

to NYSDEC. If NYSDEC approves, the recovery well will be shut down. The Recovery Well Shutdown Procedure, submitted as part of the 5Y-RSER, and approved with comments by the NYSDEC in correspondence dated August 13, 2018, is attached in Appendix F. One of the criteria for shutdown is to determine the potential impact that the shutdown of the well will have on hydraulic control, in support of the Remedial Action Objectives (RAOs) identified in the Corrective Action Plan (CAP). This criterion will be evaluated based on the latest groundwater model for the Site, which was attached to the 2019 Annual Progress Report.

A table outlining the status of each recovery well for each shutdown criterion is attached in Appendix F. Seven recovery wells (RW-22, RW-23, RW-27, RW-28, RW-C, RW-E, and RW-K) were initially evaluated for removal in the "Reduction of Seven Recovery Wells Simulation" section of the Groundwater Modeling Summary Report dated March 10, 2020, for which the transient groundwater model simulation supports continued hydraulic control. An updated groundwater modeling scenario was evaluated in 2024, as detailed in Attachment 1 of the response to comments from the NYSDEC on the Recovery Well RW-16 and RW-29 Relocation Request dated April 12, 2024 and approved by NYSDEC on June 6, 2024. The 2024 modeling scenario replaced RW-C with RW-D as one of the recovery wells included in the list of seven recovery wells evaluated for removal in the "Reduction of Seven Recovery Wells Simulation". The transient groundwater model simulation indicated that shutting down RW-D instead of RW-C would still maintain hydraulic control, therefore, the revised list related to the "Reduction of Seven Recovery Wells Simulation" includes RW-22, RW-23, RW-27, RW-28, RW-D, RW-E, and RW-K. Recovery well RW-E was decommissioned in 2021, as detailed in the 2021 Annual Progress Report. Recovery Well RW-22 was decommissioned in 2022, as detailed in the 2022 Annual Progress Report. Recovery Well RW-27 was shut down on July 28, 2023 and decommissioning activities were completed in 2023, as detailed in the 2023 Third Quarter Progress Report. Recovery Well RW-23 was shut down on February 4, 2025 as approved by NYSDEC on February 3, 2025, and decommissioning activities were completed on April 4, 2025.

ExxonMobil and Roux will continue to evaluate the remaining active recovery wells utilizing the Recovery Well Shutdown Procedure criteria. As of the end of Fourth Quarter of 2025, recovery well RW-D met all shutdown criteria. A letter requesting approval to shut down recovery well RW-D was submitted to NYSDEC dated December 29, 2025 and the NYSDEC sent a letter of approval dated December 30, 2025. Shutdown and decommissioning activities are anticipated to begin in 2026. Updates regarding decommissioning activities for recovery well RW-D will be detailed in future Quarterly progress reports. Updates on the status of recovery well shutdown evaluations and potential candidates for shutdown will be provided in future Quarterly and Annual Progress Reports.

3. Annual System Performance Summary

The following section summarizes and describes the operational performance of the RCS, the ORS, their associated recovery wells, and the SVE system during 2025.

3.1 Free-Product System Performance and Recovery

As part of the O&M activities, free-product recovery and treatment system performance was monitored on a continual basis throughout 2025. Free-product recovery and treatment system performance monitoring included, but was not limited to, periodic inspections and logging of various operational parameters, such as water flow rates, air flow rates, water treatment volumes, free-product recovery volumes, and activated carbon removal efficiencies and/or catalytic oxidizer temperatures, as well as daily tracking of the overall system and individual recovery well recovery rates.

Two types of free-product recovery rates are presented below in the sections discussing the treatment system and recovery well performance. These include the average recovery rate, which is calculated by dividing the total volume recovered over a given interval by the total length of time for that interval (i.e., includes both runtime and downtime) and the average operational recovery rate, which is calculated by dividing the total volume recovered over a given interval by the actual amount of time that the treatment system was in operation during that interval (i.e., includes only runtime). The average operational recovery rate is provided as a representation of what the treatment system or recovery well is likely capable of producing if the treatment system or recovery well ran 100 percent of the time. Thus, it is also representative of the likely treatment system or recovery well recovery efficiency at a given point in time, and representative of what the treatment system operators generally observe on a day-to-day basis. For the purposes of the subsequent evaluations of dual-pump recovery well operation, runtime is defined as the total amount of time that the primary groundwater pump is active during a given time period. Table 17 provides a summary of the annual recovery well system performance in 2024 and 2025. As summarized in the Product Recovery Optimization Feasibility Study Report (PROFSR), submitted to the NYSDEC on December 19, 2012, and the 5Y-RSERs identified above, it is anticipated that the recovery rate will continue to decrease over time due to the self-limiting nature of the free-product recovery process.

As discussed further in the 5Y-RSERs and below in Section 4.1, fluid-level data indicate that the RCS and ORS are providing the hydraulic containment needed to achieve the remedial action objections (RAOs) for the Site that call for “prevention and/or elimination of any product seeps from the Site that result in visual petroleum product sheens on surface water” and “eliminate through removal, treatment and/or containment the source of surface water contamination to the extent practicable.”

3.1.1 RCS Performance and Recovery

The free-product recovery for the RCS during 2025 was approximately 4,032 gallons from recovery wells RW-14, RW-16, RW-17, RW-18, RW-20, RW-28, and RW-29. As of January 1, 2026, the cumulative volume of free-product recovered by the RCS since start-up in 1979 is approximately 2,292,250 gallons, as shown in Table 4. The annual average recovery rate for the RCS was approximately 11 gallons per day in 2025, as shown in Table 18. The highest monthly recovery total of 474 gallons occurred in July, which corresponded to an average recovery rate of approximately 15 gallons per day. The lowest monthly recovery of 209 gallons occurred in December, which corresponded to an average recovery rate of

approximately 7 gallons per day. Historically, the RCS has averaged approximately 134 gallons per day of recovery since start-up in 1979.

The effective runtime of the RCS for 2025 was approximately 94 percent. The individual monthly runtime percentages logged over the course of 2025 are provided on Table 18. Major factors contributing to temporary RCS downtime included, but were not limited to:

- Routine maintenance activities (planned);
- Inspection of system equipment and sensors (planned);
- Force main hydro-jetting activities (planned);
- System alarms (unplanned);
- System communication errors (unplanned); and
- Temporary power outages (unplanned).

The RCS was temporarily shut down for a total of approximately 462 hours during 2025, of which approximately 55 hours (approximately 12 percent) were planned downtime events. The planned downtime events identified above were completed in an effort to optimize the RCS runtime and increase the overall performance of the RCS. After accounting for RCS downtime, the average operational free-product recovery rate for 2025 was approximately 12 gallons per day of operation. The average operational free -product recovery rate in 2025 decreased by 84 percent compared to product recovery observed in 2024, during which an approximate 73 gallons per day of operation was recorded.

Total free-product recovery for the RCS gradually decreased throughout the second half of the year likely attributable to the self-limiting nature of the free-product recovery process. Roux, on behalf of ExxonMobil, will continue to optimize groundwater flow rates for the purpose of increasing drawdown and product recovery. RCS recovery well performance is discussed below in Section 3.2.1. Monthly RCS free-product recovery and runtime trends for 2025 are illustrated in Figure 5.

During 2025, a total of approximately 163,858,438 gallons of groundwater were pumped, treated, and discharged by the RCS at an annual average operational flow rate of approximately 327 gallons per minute (gpm). Of this volume, 68,330,533 gallons were contributed by the OU-4 and OU-5 recovery wells and approximately 95,527,905 gallons were contributed by the OU-7 recovery wells (RW-21, RW-23, RW-24, RW-25, RW-H, and RW-I). After combining the treated groundwater with the Site stormwater, a total of approximately 160,669,316 gallons of treated groundwater and stormwater were discharged at an estimated, annual, average flow rate of 305 gpm. Based on the groundwater and recovered free-product volumes for the OU-4 and OU-5 recovery wells (RW-14, RW-16, RW-17, RW-18, RW-20, RW-28, and RW-29), the overall water-to-free-product extraction ratio for these wells was approximately 16,946 gallons of groundwater extracted per gallon of recovered free-product in 2025. For comparison, in 2024, the overall water-to-free-product extraction ratio for these wells was approximately 12,568 gallons of groundwater extracted per gallon of recovered free-product.

The RCS discharge was sampled in accordance with the NYSDEC SPDES Permit requirements on a bi-monthly basis. All samples were collected in accordance with NYSDEC guidelines and all RCS DMR sample results and monitoring data for 2025 were in compliance with the SPDES permit for Outfall 01A.

3.1.2 ORS Performance and Recovery

The total annual free-product recovery for the ORS during 2025 was approximately 2,834 gallons, and, as of January 1, 2026, the cumulative volume of free-product recovered by the ORS since start-up in 1995 is approximately 6,955,099 gallons. The annual average recovery rate for the ORS was approximately 8 gallons per day, as shown in Table 19. The highest monthly recovery of approximately 459 gallons occurred in March, which corresponded to an approximate average recovery rate of approximately 15 gallons per day. The lowest monthly recovery of 59 gallons occurred in July, which corresponded to an average recovery rate of approximately 2 gallons per day. Historically, the ORS has averaged approximately 614 gallons per day of recovery since start-up in 1995.

The effective runtime of the ORS for 2025 was approximately 85 percent. The individual monthly runtime percentages logged over the course of 2025 are provided on Table 19. Major factors contributing to temporary ORS downtime include, but were not limited to:

- Routine maintenance activities (planned);
- Inspection of system equipment and sensors (planned);
- System troubleshooting (unplanned);
- System alarms (unplanned);
- SVE system maintenance (planned);
- SVE system troubleshooting (unplanned);
- SVE Fire Alarm System Troubleshooting (unplanned);
- Temporary power outages (unplanned);
- Temporary SVE system shutdowns (unplanned); and
- System communication errors (unplanned).

The ORS was temporarily shut down for a total of approximately 716 hours during 2025, approximately 358 hours (approximately 50 percent) of which were planned downtime events. The planned downtime events, identified above, were generally completed in an effort to optimize the overall runtime and efficiency of the ORS and SVE. After accounting for temporary ORS downtime, the average, operational free-product recovery rate for 2025 was approximately 8 gallons per day of operation. This is approximately 20 percent lower than the average operational free-product recovery rate for 2024, which was approximately 10 gallons per day of operation.

Decreases in product recovery for ORS were observed in all recovery wells with the exception of RW-H, RW-I, RW-K, RW-L, and RW-25 from 2024 to 2025, which is likely attributable to the self-limiting nature of the free-product recovery process. In 2025, ORS groundwater pumping rates remained consistent or exceeded that of recent past years. Roux, on behalf of ExxonMobil, will continue to optimize groundwater flow rates for the purpose of increasing drawdown and product recovery. ORS recovery well performance is discussed below in Section 3.2.2. Monthly ORS free-product recovery and runtime trends for 2025 are illustrated in Figure 6.

During 2025, a total of approximately 129,764,143 gallons of groundwater were pumped, treated, and discharged by the ORS, with an average annual operational groundwater flow rate of 267 gpm. In addition to the approximate 129,764,143 gallons pumped, treated, and discharged by the ORS, approximately

223,951,585 gallons were extracted by recovery wells RW-21, RW-23, RW-24, RW-25, RW-H, and RW-I and conveyed to the RCS for treatment and discharge. The overall water-to-free-product extraction ratio for the ORS was approximately 79,023 gallons of groundwater extracted per gallon of recovered free-product in 2025. For comparison, in 2024, the overall water-to-free-product extraction ratio for these wells was approximately 82,302 gallons of groundwater extracted per gallon of recovered free-product.

The ORS discharge was sampled in accordance with the NYSDEC SPDES Permit requirements on a bi-monthly basis. All samples were collected in accordance with NYSDEC guidelines and all ORS DMR sample results and monitoring data for 2025 were in compliance with the SPDES permit for Outfall 002.

3.2 Recovery Well Operational Performance

While the total treatment system recovery was presented above in Section 3.1, the total treatment system recovery is generally a function of the performance of the individual recovery wells that are associated with the treatment system. During 2025, the RCS received and treated groundwater from ten, active, dual-pump recovery wells, which include recovery wells RW-14, RW-16, RW-20, and RW-29 in OU-4; RW-17, RW-18, and RW-28 in OU-5; and RW-21, RW-24, and RW-25 in OU-7. Additionally, RW-23, which was decommissioned in early 2025, was also previously located in OU-7. During 2025, the ORS received and treated groundwater from nine, active dual-pump recovery wells, which include recovery wells RW-A, RW-C, RW-D, RW-H, RW-I, RW-K, RW-L in OU-7; and RW-F and RW-M in OU-8.

Hydrographs, included in Appendix G, display the historical free-product recovery rate data at each recovery well plotted along with historical fluid-level elevation data from a nearby monitoring well where free-product was typically present throughout the year (or from multiple monitoring wells, if more than one monitoring well was within the estimated area of influence of the recovery well). These hydrographs appear to demonstrate the relationship between changing fluid elevations and recovery rates. Although recovery rates are affected by many factors, there is typically an inverse relationship between fluid-level elevations and free-product recovery for recovery wells operating in unconfined conditions, as is generally depicted in these hydrographs. Similar hydrographs were provided with the Recovery System Evaluation Report (RSER), the Supplemental Recovery System Evaluation Report (SRSER), the 5Y-RSER 2012-2017, and the 5Y-RSER 2018-2022.

The average annual recovery well performance data are provided in Appendix H. The data in Appendix H contain information for each individual recovery well, including, but not limited to, monthly groundwater extraction volume, monthly operational run-time, operational groundwater flow rates, and monthly free-product recovery, in addition to cumulative recovery for each recovery well. Free-product recovery trends since system start-up for each of the recovery wells are also included in Appendix H. Recovery well performance is evaluated daily to identify any adjustments that need to be made to optimize product recovery. On a routine basis, the performance of recovery wells is evaluated to determine which wells, if any, are approaching the limits of recovery and may be candidates for shutdown, in accordance with the Recovery Well Shutdown Procedure as discussed in Section 2.6 above. Updates on recovery well performance and shutdown will be provided in future Quarterly and Annual Reports.

3.2.1 RCS Recovery Well Operational Performance

Free-product recovery rates and runtime for RCS recovery wells vary between recovery well locations. The following table provides a summary of individual RCS recovery well performance throughout OU-4 and OU-5 as a whole during 2025:

Table 20. Summary of RCS Recovery Wells Performance in 2025

Recovery Well	Free-Product Recovery (Gallons)	Average Free-Product Recovery Rate (Gallons Per Day)	% of Total RCS Recovery	Annual Average Runtime %
RW-14	1,148	3	29%	95%
RW-16	110	<1	3%	93%
RW-17	763	3	19%	92%
RW-18	239	1	5%	94%
RW-20	1,118	3	28%	94%
RW-28	12	<1	<1%	86%
RW-29	642	2	16%	82%
Totals	**4,032**	**13**	**100%**	**94%**

The above summary indicates that the highest producing RCS recovery well within OU-4 and OU-5 during 2025 was recovery well RW-14, followed by recovery wells RW-20, RW-17, and RW-29. The combination of these four recovery wells constitutes approximately 92 percent of the total free-product recovery from OU-4 and OU-5 during 2025. The Total Annual Average Runtime shown in Table 20 above is the effective runtime of the RCS for 2025.

Based on a comparison of the 2025 data with the 2024 data, the 2025 recovery performance at recovery RW-16, RW-18, and RW-28 remained the same. Recovery wells RW-14, RW-17, RW-20 and RW-29 decreased from the average recovery rate observed in 2024.

While RCS was temporarily shut down for various routine maintenance tasks throughout 2025, as noted in Section 3.1.1, the overall runtime in 2025 at RCS was 94 percent and only decreased by three percent compared to the overall runtime in 2024 which was 97 percent. The decreases in average recovery rates from various wells within OU-4 and OU-5 are likely attributable to the self-limiting nature of the free-product recovery process. Fluid-level elevation trends throughout OU-4 and OU-5 will continue to be monitored in conjunction with the free-product recovery trends at the RCS recovery wells during 2026 in an effort to optimize free-product recovery throughout OU-4 and OU-5. As discussed in the previous PROFSR and 5Y-RSERs, the observed decrease in the rate of free-product recovery over time was anticipated, as the extent of free-product in the subsurface continues to decrease and causes a corresponding decrease in free-product transmissivity (LNAPL transmissivity) and mobility. LNAPL transmissivity is discussed in greater detail below in Section 3.2.3.

3.2.2 ORS Recovery Well Operational Performance

The following table provides a summary of individual ORS recovery well performance throughout OU-7 and OU-8 during 2025:

Table 21. Summary of ORS Recovery Wells Performance in 2025

Recovery Well	Free-Product Recovery (Gallons)	Free-Product Recovery Rate (GPD)	% of Total ORS Recovery	Annual Average Runtime %
RW-A	1,276	4	45%	91%
RW-C	0	0	0%	84%
RW-D	0	0	0%	92%
RW-F	30	<1	1%	85%
RW-H	55	<1	2%	88%
RW-I	2	<1	<1%	60%
RW-K	188	<1	7%	81%
RW-L	127	<1	4%	79%
RW-M	0	0	0%	90%
RW-21	313	1	11%	83%
RW-23	0	0	0%	9%
RW-24	121	1	4%	90%
RW-25	721	2	25%	86%
Totals	**2,833**	**11**	**100%**	**85%**

The above summary indicates that the highest producing ORS recovery well in OU-7 and OU-8 during 2025 was recovery well RW-A, followed by recovery wells RW-25 and RW-21. The combination of these three recovery wells constitutes approximately 81 percent of the total free-product recovery from OU-7 and OU-8 during 2025. The Total Annual Average Runtime shown in Table 21 above is the effective runtime of the ORS for 2025.

Overall, the free-product recovery decreased from 3,475 gallons in 2024 to 2,833 in 2025. The average free-product recovery rate overall remained the same from 2024 to 2025 at 11 gpd. Product recovery increased in recovery wells RW-F, RW-H, RW-I, RW-K, RW-L, and RW-25 and decreased in RW-A, RW-21, and RW-24. Recovery wells RW-C, RW-D, RW-M, and RW-23 recovered no free-product during 2025.

The use of VER at RW-25 appears to have improved its liquid-phase recovery. RW-25 has been operating with VER since December of 2023. The effect of VER at recovery well RW-25 will continue to be evaluated during 2026 and reported in quarterly and annual reports.

Recovery wells RW-C, RW-D, RW-M, and RW-23 recovered no free-product during 2025, which is consistent with the lack of measurable free-product in the monitoring wells located in the vicinity of these recovery wells. The well operational records show that RW-D has not recovered any free-product since 2021, RW-C has not recovered any free-product since 2023, and no recovery has been observed at RW-M since 2017. RW-23 had not recovered any free-product since 2023 and as of the Fourth Quarter of 2024

met all shutdown criteria. RW-23 was shut down on February 4, 2025 as approved by the NYSDEC on February 3, 2025, and decommissioning activities were completed on April 4, 2025.

The fluid-level elevation trends throughout OU-7 and OU-8 will continue to be monitored in conjunction with the free-product recovery trends at the ORS recovery wells during 2025, in an effort to optimize recovery of free-product, where present, throughout OU-7 and OU-8. It is anticipated that there will be an overall decrease in the rate of recovery over time, as the extent of free-product in the subsurface continues to decrease and causes a corresponding decrease in free-product transmissivity and mobility. Decreases in the extent and mobility of free-product accumulations were observed in selected areas of the Site during 2025, based on quarterly monitoring well gauging data and on-going LNAPL transmissivity evaluations. LNAPL transmissivity is discussed in greater detail in the following section.

3.2.3 LNAPL Transmissivity Evaluation

As part of the on-going assessment of recovery well operational performance, LNAPL transmissivity is evaluated on a monthly basis using recovery well operational data. The data suggest that LNAPL transmissivity at the EMGPRP Site varies across the area of observed LNAPL accumulations and is influenced by Site-specific factors including, but not limited to, the hydrogeologic conditions beneath the Site, LNAPL physical characteristics, and the on-going recovery operations. The data also suggest that, while variable, transmissivity either continues to decrease or remains relatively stable at values indicative of limited mobility at most recovery wells as DPLE recovery efforts have removed LNAPL from beneath the Site.

A summary of LNAPL transmissivity trends calculated from recovery well operational data can be found in Appendix I. LNAPL transmissivity trends were plotted in both linear and logarithmic scale in an effort to evaluate individual recovery wells and their relative recoverability [as compared to the values outlined in the RW Shutdown Procedure Criterion, described in the 5Y-RSER (i.e., 0.8 ft2/day)]. An additional analysis was performed comparing historical LNAPL transmissivity to current LNAPL transmissivity. LNAPL transmissivity values calculated from recovery well operational data for the fourth quarters of 2009 and 2025 were extrapolated for the Site and compared. In general, there have been significant decreases in LNAPL transmissivity in OU-4, OU-5, OU-7, and OU-8 (Figure 7).

Roux will continue to monitor LNAPL transmissivity at EMGPRP recovery wells. The LNAPL transmissivity trends will continue to be evaluated using data collected from the LNAPL transmissivity calculations and as part of recovery system operations and will be discussed in future Quarterly and Annual Progress Reports. Recovery wells that exhibit LNAPL transmissivity values below the RW Shutdown Procedure Criterion will be evaluated for shutdown as outlined in Section 2.6 above and the 5Y-RSER 2012-2017.

3.3 Overall Free-Product Recovery System Performance

The overall purpose of the RCS and ORS is to recover free-product accumulations from the subsurface, where present, and to maintain hydraulic control within the regional aquifer. These systems are identified as on-going IRMs, as set forth in the CSP, the RSER, the SRSER, the 5Y-RSER 2012-2017, and the 5Y-RSER 2018-2022. As indicated by the evaluation of the recovery systems in the sections above, and as indicated by fluid-level elevations on Plates 3 and 6, the existing free-product recovery systems continued to influence the hydraulic gradient such that groundwater flow, and, where present, potential free-product flow, is towards the EMGPRP recovery wells. In addition, the EMGPRP recovery wells continued to recover free-product accumulations, where present beneath the Site, in 2025.

As discussed in the PROFSR and 5Y-RSERs, it appears that a majority of the potential free-product recovery has already been achieved. A comparison of the changes in the free-product thickness over time, in the various OUs, is shown in Figure 8. As free-product is removed from the subsurface, free-product saturation, transmissivity, and mobility decrease, making it increasingly more difficult to recover the free-product. Roux will continue to optimize runtime and make recovery well adjustments in an effort to maximize the performance of each recovery well to the degree possible. Each recovery well will be evaluated to consider the appropriate timetable for the discontinuation of DPLE recovery, following the Recovery Well Shutdown Procedure flowchart, as discussed above in Section 2.6, as well as in Section 7.3 of the 5Y-RSER 2012-2017.

3.4 Overall Soil Vapor Extraction System Performance

The total vapor-phase recovery for the SVE system during 2025 was approximately 8,549 gallons-equivalent, based on the calculations described in Section 2.3. The annual average vapor-phase recovery rate for the SVE system was approximately 24 gallons per day-equivalent, as shown in Table 12. The highest monthly vapor-phase recovery of approximately 977 gallons-equivalent occurred in January, which corresponded to an average vapor-phase recovery rate of approximately 32 gallons per day-equivalent. The lowest monthly vapor-phase recovery of approximately 258 gallons-equivalent occurred in July, which corresponded to an average vapor-phase recovery rate of approximately 8 gallons per day-equivalent. As of December 31, 2025, the cumulative equivalent volume of free-product recovered by the SVE system from the vapor-phase since start-up in 2009 is approximately 263,948 gallons-equivalent. Over this time, the SVE system has an average vapor-phase recovery of approximately 43 gallons-equivalent per day.

The effective runtime of the SVE system for 2025 was approximately 96 percent. The individual monthly runtime percentages for 2025 are provided on Table 12. Major factors contributing to temporary SVE system downtime included, but were not limited to:

- Routine maintenance activities (planned);
- System communications loss (unplanned);
- System burner operation and flame sensing issues (unplanned);
- Fire Alarm System Troubleshooting (unplanned);
- System Consolidation Construction and associated modifications (planned);
- Critical Equipment checks (planned);
- Annual oxidizer preventative maintenance evaluation (planned); and
- Fan balancing (planned).

The SVE system was temporarily shut down for a total of approximately 293 hours during 2025, of which 137 hours (approximately 47 percent) were planned downtime events. The planned downtime events, including, but not limited to, those identified above, were completed in an effort to optimize SVE system runtime and increase the overall performance of the SVE system as well as prepare for EMGPRP treatment system consolidation as described further in Section 5.10. After accounting for SVE system downtime, the average operational vapor-phase recovery rate for 2025 was approximately 24 gallons-equivalent per day of operation. This is an approximate 27 percent decrease from the average operational vapor-phase recovery rate for 2024, which was approximately 33 gallons-equivalent per day of operation. This decrease

in vapor-phase recovery is likely attributed to the reduction in LNAPL mass present within the area influenced by SVE and VER as a results of the continuing recovery of liquid-phase and vapor-phase free-product by the EMGPRP systems.

The SVE system was originally installed as a proactive measure by ExxonMobil as an effort to mitigate the potential presence of VOCs in the shallow subsurface within the commercial area of the Site. Site-wide sampling of the existing soil vapor monitoring point network is performed annually in an effort to assess soil vapor conditions and the performance of the SVE system. A Site-wide soil vapor sampling event was conducted during the Fourth Quarter of 2025, as discussed in Section 4.5. Results from the sampling event conducted in the Fourth Quarter of 2025 indicate that the majority of the soil vapor monitoring points located throughout the targeted mitigation area have shown decreases in soil vapor benzene and methane concentrations compared to historical levels that existed prior to SVE system operation. These observed decreases in soil vapor concentrations appear to be in response to SVE system operation. Therefore, the SVE system appears to be continuing to achieve its remedial objective.

The next Site-wide soil vapor sampling event is anticipated to be conducted during the Fourth Quarter of 2026.

4. Site-Wide Monitoring Activities

This section provides a description of Site-wide monitoring activities performed during the Fourth Quarter of 2025, as well as updates regarding associated regulatory deliverables. The Site-wide monitoring activities included, but were not limited to:

- Quarterly monitoring well gauging activities;
- Sewer manhole and catch basin screening;
- Department of Buildings and One-Call System review;
- Groundwater sampling;
- Soil vapor sampling;
- LNAPL transmissivity evaluation;
- Recovery well chlorinated volatile organic compound (CVOC) monitoring; and
- Natural source zone depletion monitoring.

Each of these activities is described below.

4.1 Quarterly Monitoring Well Gauging Activities

Roux collected Site-wide, quarterly fluid-level measurements on November 6, 2025 in an effort to characterize groundwater flow and potential free-product conditions beneath OU-1, OU-3, OU-4, OU-5, OU-7, and OU-8. Fluid-level data collected on November 6, 2025, in the aforementioned OUs, are provided in Tables 22 and 23.

The fluid-level data provided in Table 22 represent the fluid levels within the shallow aquifer and the fluid-level data provided in Table 23 represent the fluid levels within the regional aquifer. These data sets were used to update the GWE contour map and the apparent free-product thickness (FPT) map for the shallow aquifer (Plates 1 and 2, respectively), as well as the GWE contour map, the apparent FPT map, and the corrected free-product thickness (CFPT) map for the regional aquifer (Plates 3, 4, and 5, respectively). Additionally, a free-product elevation (FPE) contour map has been prepared for the regional aquifer (Plate 6) in an effort to characterize possible flow paths of free-product, if any, within the estimated area of free-product accumulations.

The available data collected by others from third-party monitoring wells (i.e., ChevronTexaco and Kinder Morgan) were used in an effort to augment the data collected by Roux from the ExxonMobil monitoring wells, and to update the aforementioned Site-wide GWE and FPT maps. These monitoring well gauging activities were also completed on November 6, 2025. Roux will continue to gauge the ExxonMobil monitoring wells on a quarterly basis and the quarterly gauging data will be provided in future Quarterly and Annual Progress Reports.

Roux's personnel perform a quality assurance / quality control (QA/QC) review of the quarterly gauging data, as described in previous Progress Reports and in the Quality Assurance Project Plan (QAPP), submitted to the NYSDEC on March 9, 2021 and approved on April 16, 2021, as an attachment to the OU-3 Remedial Action Work Plan (RAWP).

Each quarter, measurements are taken in an effort to assess any potential changes in GWE, FPE, and CFPT. The CFPT is used instead of the FPT because the FPT likely incorporates exaggerated thickness as a result of confined conditions. The CFPT, therefore, is likely more reflective of conditions within the aquifer.

As shown in the GWE contour map and FPE contour map for the regional aquifer (Plates 3 and 6, respectively), groundwater and free-product elevations are below mean sea level (less than 0 ft-amsl) throughout a majority of the Site, with the lower elevations centered around active, dual-pump recovery wells. These data appear to indicate that the gradients in both the groundwater and free-product phases are directed towards active, dual-pump recovery wells, thereby resulting in hydraulic containment. Based upon these data, the recovery systems appear to be achieving the applicable RAOs; specifically, "prevention and/or elimination of any product seeps from the Site that result in visual petroleum product sheens on surface water" and "eliminate through removal, treatment and/or containment the source of surface water contamination to the extent practicable."

4.2 Sewer Manhole and Catch Basin Screening

Utility manholes throughout the Site were monitored during the Fourth Quarter of 2025 for the potential presence of VOCs, carbon monoxide, oxygen, hydrogen sulfide, and percent lower explosion limit (LEL) conditions. The monitoring program was completed on October 31, November 21, and December 22, 2025. The utility manhole screening results were non-detect for both VOCs and LEL readings. Tables summarizing the utility manhole screening results, and a map identifying the approximate locations, are provided in Appendix J.

4.3 Department of Buildings and One-Call System Review

The New York City Department of Buildings (NYCDOB) permit records are reviewed on a quarterly basis in an effort to identify construction activities being conducted by third parties in the EMGPRP area that may potentially encounter free-product accumulations and/or elevated soil vapor concentrations during such activities. The building permits approved within the EMGPRP area during this reporting period are summarized in Appendix K.

In addition, ExxonMobil is a partner of the New York City One-Call System and is notified of any contractors requesting utility mark-outs within the boundaries of the Site. During the Fourth Quarter of 2025, Roux received numerous mark-out requests with a significant number of them involving landscaping, municipal infrastructure maintenance, test pits, and soil boring installation. Roux will continue to monitor the associated activities and stay in contact with project managers from the companies performing work in locations with critical EMGPRP utilities in an effort to coordinate work efforts and advise them of the potential presence of elevated soil vapor concentrations, as necessary. A summary of the mark-out requests during this reporting period is included in Appendix K.

4.4 Groundwater Sampling and Reporting

The 2025 Site-wide groundwater monitoring event was performed from July 14 to July 25, 2025, with exceptions that the OU-1 portion of the Site-wide groundwater sampling activities was performed in conjunction with the OU-1 MNA program on December 15 and December 16, 2025. The second round of the semi-annual OU-3 Monitored Natural Attenuation (MNA) sampling event was performed July 14 and July 25, 2025 in conjunction with the Site-wide groundwater monitoring event. The OU-3 RAWP, submitted

to the NYSDEC on March 9, 2021, and approved on April 16, 2021, outlined the MNA program for OU-3 as a semi-annual sampling event. The first round of the semi-annual OU-3 MNA program in 2025 was performed from March 11 to March 13, 2025. The results from the 2025 Site-wide groundwater monitoring event and the semi-annual OU-3 MNA events performed during the Third Quarter of 2025 were submitted to the NYSDEC on November 12, 2025.

OU-1 MNA sampling activities were performed in accordance with the OU-1 RAWP submitted to the NYSDEC on October 12, 2017, and the OU-1 Final Engineering Report (FER) Approval Letter dated February 5, 2021. Results from the OU-1 sampling event will be reported in a separate report to be submitted to the NYSDEC in the First Quarter of 2026. In a letter from the NYSDEC dated December 16, 2025, NYSDEC approved the reduction of monitoring wells sampled during the OU-1 MNA sampling activities to wells 1.D-96 and 1.S-96 as a response to ExxonMobil's proposed discontinuation of the OU-1 MNA sampling program. Future OU-1 MNA sampling activities will be performed on 1.D-96 and 1.S-96 only.

ExxonMobil will continue to conduct groundwater monitoring as part of O&M activities at the Site and will report on these monitoring activities in Quarterly and Annual Progress Reports.

4.5 Soil Vapor Sampling and Reporting

The 2025 annual soil vapor sampling event was completed during the Fourth Quarter of 2025, in accordance with the Former Refinery Property Vapor Intrusion Work Plan (FRP-VIWP), which was submitted to the NYSDEC on May 27, 2011. A map of the current soil vapor sampling network is provided in Plate 7. The letter report containing the analytical results for the Fourth Quarter 2025 soil vapor sampling event within OU-4 and OU-5, as well as associated laboratory data sheets, screening data, and soil vapor sampling forms, will be submitted to the NYSDEC during the Second Quarter of 2026. The letter report regarding the results of the Fourth Quarter 2025 soil vapor sampling event within OU-7 and OU-8 will be submitted to the NYSDEC during the First Quarter of 2026.

Notification packages containing copies of the Fourth Quarter 2024 Soil Vapor Reports were mailed to select property owners during the Fourth Quarter of 2025, in accordance with the Hazard Notification Plan dated May 10, 2012.

The 2026 annual soil vapor sampling event is anticipated to be completed during the Fourth Quarter of 2026.

A separate OU-4 and OU-5 Soil Vapor Intrusion Investigation Work Plan (SVI WP) is anticipated to be submitted to the NYSDEC during the First Quarter of 2026. The SVI WP will include a scope of work for assessment of sub-slab soil vapor and indoor air within existing buildings in OU-4 and OU-5, to the extent feasible. It should be noted that indoor air screening activities summarized in the Indoor Air Screening Results section below do not indicate that vapor intrusion is occurring within existing buildings in OU-4 and OU-5; however, as a result of communications between ExxonMobil, NYSDEC, and New York State Department of Health (NYSDOH) on October 29, 2025, additional SVE investigation was requested by NYSDEC to allow for comparison of the data against the NYSDOH soil vapor intrusion (SVI) Decision Matrices (revised February 2024).

Updates on soil vapor sampling activities will be provided in future Quarterly and Annual Progress Reports.

4.6 LNAPL Transmissivity

As discussed above in Section 3.2.3, LNAPL transmissivity is evaluated on a monthly basis using recovery well operational data. This evaluation suggests that, while variable, transmissivity either continues to decrease or remains relatively stable at values indicative of limited mobility at most recovery wells as DPLE recovery efforts have continued to remove LNAPL from beneath the Site.

In 2023, LNAPL baildown testing at monitoring wells failed to recover to necessary test conditions in the allotted time, therefore LNAPL transmissivity baildown and skimming tests were not performed in 2024 or in 2025. Fluid level elevations and free-product thicknesses will continue to be evaluated to determine if baildown and manual skimming tests will be performed moving forward. The LNAPL transmissivity trends will continue to be evaluated using data collected as part of recovery system operations and will be discussed in future Quarterly and Annual Progress Reports.

4.7 Recovery Well Dissolved CVOC Monitoring

CVOC contamination within the Site is not attributable to ExxonMobil or its historical operations, as documented in a letter from the NYSDEC dated December 14, 2014. However, in an effort to identify potential trends that could potentially impact the EMGPRP treatment systems, Roux, on behalf of ExxonMobil, voluntarily continues to monitor dissolved CVOC concentrations in the groundwater samples, including those taken from recovery wells located in OU-4, OU-5, OU-7, and OU-8 during the Fourth Quarter of 2025. The graphs in Figures 9 through 17 illustrate concentration trends for active recovery wells that have previously, or more recently, exhibited elevated concentrations of tetrachloroethene, trichloroethene, cis-dichloroethene, and vinyl chloride. Appendix L contains a summary of the CVOC analytical data from the recovery wells during the Fourth Quarter of 2025.

Groundwater remediation objectives at the EMGPRP are primarily measured through reduction of concentrations of petroleum-related contaminants. Of these, the groundwater concentrations of benzene, toluene, ethylbenzene, and total xylenes (BTEX) compounds are key in monitoring and measuring remediation progress, therefore, recovery well sampling will continue to occur on a quarterly basis to test for BTEX and other compounds.

In a letter dated December 17, 2025, the NYSDEC approved the request to reduce the monitoring of recovery well CVOC concentrations present from third-party operations from a monthly basis to a quarterly basis. Updates on the concentrations of CVOCs will continue to be provided in future Quarterly and Annual Progress Reports.

4.8 Natural Source Zone Depletion Monitoring

Roux conducted Natural Source Zone Depletion (NSZD) monitoring activities in OU-4, OU-5, OU-7, and OU-8 during the Fourth Quarter of 2025. As discussed in further detail in the Vadose Zone NSZD Pilot Study Results Letter dated July 5, 2017, carbon dioxide (CO_2) flux measurements are collected using two methods to approximate LNAPL degradation. These methods include the measurement of CO2 flux utilizing CO2 traps and a LI-COR® Soil CO2 Flux System. In an effort to isolate CO2 flux resulting from LNAPL degradation, a carbon isotope analysis is performed to estimate and subtract background conditions (i.e., breakdown of modern carbon). During the Fourth Quarter of 2025, measurements were collected from October 20, 2025 to November 3, 2025 using CO2 traps. Over this time period, approximate LNAPL degradation rates measured with CO2 traps ranged from 58 to 645 gallons per acre per year. A summary of the data collected from 2015 through 2025 is provided in Table 24.

5. Remedial Activities

The following section provides an update on regulatory deliverables and a description of remedial activities performed throughout the Site in the Fourth Quarter of 2025. Photographs from miscellaneous field activities conducted during the Fourth Quarter of 2025, including select O&M activities described above, are provided in Appendix M.

5.1 OU-1 Remedial Activities

As per the NYSDEC-issued Decision Document dated March 2016, a remedy was selected and implemented for OU-1 that included the installation and maintenance of a site cover system, MNA, imposition of institutional controls, and implementation of a Site Management Plan (SMP). The FER for OU-1, which documents construction of the site cover system, provides the OU-1 SMP, and includes the implementation of an Environmental Notice as an Institutional Control, was submitted to the NYSDEC on December 11, 2020, and approved on February 5, 2021. In accordance with the NYSDEC approval letter for the OU-1 Final Engineering Report, OU-1 MNA sampling events are currently conducted on an annual basis. Based on the discussion most recently provided in the 2024 Site-Wide Groundwater Monitoring Report submitted to the NYSDEC on November 13, 2024, it was proposed that groundwater sampling, including both MNA and annual Site-wide sampling, be discontinued within OU-1 at the Site. The annual OU-1 MNA sampling event was completed during the Fourth Quarter of 2025 and results will be submitted to the NYSDEC in the First Quarter of 2026. The NYSDEC responded to the request to discontinue the Site-wide groundwater sampling activities within the OU-1 portion of the Site with a reduced list of monitoring wells for the sampling event. Sampling activities in OU-1 are anticipated to continue with the reduced monitoring well list approved by NYSDEC, and is anticipated to occur in the Fourth Quarter of 2026.

As required by the OU-1 SMP, an annual OU-1 Periodic Review Report (PRR) was submitted to the NYSDEC on April 14, 2025.

In accordance with the OU-1 RAWP, vacuum truck recovery is performed at monitoring wells when free-product thickness greater than 0.01 feet is detected. During the Fourth Quarter of 2025, OU-1 monitoring well fluid levels were measured and free-product was not detected. OU-1 monitoring wells will continue to be monitored and updates regarding free-product recovery operations will be provided in future Quarterly and Annual Progress Reports.

5.2 OU-2 Remedial Activities

As per the NYSDEC-issued Decision Document dated March 2016, no further remedial actions are necessary relative to OU-2.

5.3 OU-3 Remedial Activities

A Decision Document for OU-3 pursuant to the Consent Decree was issued by the NYSDEC in July 2019. A RAWP to address the petroleum-related impacts within OU-3 was submitted to the NYSDEC on March 9, 2021, and approved on April 16, 2021. OU-3 MNA program began in the First Half of 2022. Eight monitoring wells in OU-3 were sampled between March 11 and March 13, 2025, as part of the first

round of the semi-annual MNA program in 2025 and sampled in conjunction with the annual Groundwater Sampling event between July 14 and July 25, 2025.

Separate from the EMGPRP, a RAWP for the 460 Kingsland Avenue property was included as an exhibit to a separate Consent Order entered into with the NYSDEC on March 2, 2016, for the voluntary remediation of polychlorinated biphenyls (PCBs) not attributable to ExxonMobil historical operations. The USEPA approved the Self-Implementing PCB Cleanup and Disposal Notification Plan (Notification Plan) on February 7, 2019. The Revised Remedial Action Work Plan was submitted to NYSDEC on February 11, 2019, and received approval on February 27, 2019. An amendment to the Consent Order with the NYSDEC was approved May 15, 2019, incorporating the approved Revised RAWP. Remedial activities began in the Third Quarter of 2019 and were completed in the First Quarter of 2021. The Final Engineering Report (FER) was submitted to the NYSDEC on December 18, 2025, in conjunction with the Environmental Easement (EE) for the 460 Kingsland Avenue property which was recorded on September 15, 2025. The associated Site Management Plan (SMP) was submitted to the NYSDEC on December 19, 2025.

Anticipated future activities are discussed in Section 5.1.2 below.

5.4 OU-4 Remedial Activities

The OU-4 Investigation Summary Report was submitted to the NYSDEC and approved on March 26, 2009. The OU-4 AAR was initially submitted to the NYSDEC on December 30, 2013. The NYSDEC issued a comment letter to the OU-4 AAR, dated October 7, 2015. As per the NYSDEC email correspondence dated July 18, 2016, a revised AAR was submitted to the NYSDEC on March 26, 2019. The NYSDEC provided additional comments by email correspondence, dated June 14, 2019. A revised OU-4 AAR was submitted to the NYSDEC on August 13, 2019. An additional revised OU-4 AAR was submitted to the NYSDEC on December 21, 2021. NYSDEC provided comments on the revised OU-4 AAR on January 22, 2025. The Revised OU-4 AAR was submitted to the NYSDEC on July 21, 2025, and a letter responding to NYSDEC's January 22, 2025 comments was submitted August 8, 2025. The ongoing DPLE activities within OU-4 are considered IRMs until the selected remedial approach is identified in a NYSDEC Decision Document.

In follow-up to the virtual meeting between ExxonMobil and the NYSDEC on February 11, 2025, Roux submitted an Extractable Petroleum Hydrocarbons (EPH) Sampling and Tidal Study Work Plan, dated February 27, 2025. The NYSDEC provided a subsequent comment letter dated March 10, 2025, requesting that sampling be performed on two wells closer to Newtown Creek, instead of two previously proposed wells, and the addition of one well for EPH sampling. In addition, the NYSDEC requested two additional wells be added to the tidal study. In response to the comments letter, Roux submitted a Revised EPH Sampling and Tidal Study Work Plan, dated March 12, 2025. The NYSDEC approved the work plan on March 13, 2025.

Ten monitoring wells were sampled between March 24 and March 26, 2025. The remaining three monitoring wells were flooded due to heavy rainfall and were sampled on April 22, 2025, once the area was dry enough to allow access. These monitoring wells were sampled for EPH analysis to quantify C19-C36 aliphatic compounds. As requested by the NYSDEC, a tidal influence study was also conducted during this time. The study consisted of utilizing In-Situ Level TROLL 700 submersible electronic data loggers to measure groundwater levels in eight shallow aquifer monitoring wells and three regional aquifer monitoring wells, orientated north to south, parallel to Newtown Creek. A portion of this tidal study was performed in order to confirm the results of the 2008 study, under current site conditions. The data loggers were

programmed to record pressure data on ten-minute intervals and were installed two feet above the bottom of each monitoring well. The data loggers were left for a monitoring period of seven days and were removed thereafter. Results of the EPH sampling and the tidal influence study was discussed in the Tidal Study and Extractable Petroleum Hydrocarbon Sampling Results report submitted to the NYSDEC on August 7, 2025.

The on-going DPLE activities within OU-4 are considered IRMs until the selected remedial approach is identified in a NYSDEC Decision Document. In addition to the on-going IRM activities identified above, additional remedial activities on-going or completed within OU-4 during the Fourth Quarter of 2025 included, but were not limited to, the following:

- Monitoring Well Free-Product Recovery;
- Kingsland Recovery Well Relocation; and
- 410 Kingsland Avenue Interim Site Management Plan.

These activities are described further in the sections below.

5.4.1 Monitoring Well Free-Product Recovery

In email correspondence dated August 20, 2020, Roux, on behalf of ExxonMobil, notified the NYSDEC of its plan to target selected monitoring wells within the shallow and regional aquifer for free-product removal, in addition to existing DPLE activities. The scope of work includes removal of free-product, where present, and groundwater from shallow aquifer monitoring wells where free-product was detected during the most recent quarterly fluid-level gauging event, as well as from selected regional aquifer monitoring wells. During the Fourth Quarter of 2025, monitoring well free-product recovery activities was conducted on December 3, 2025. Free-product removal was performed using a vacuum truck. A summary free product thickness measurements of monitoring wells before and after the vacuum truck was used to extract product is provided in Table 25.

Fluid-level measurements were collected before and after recovery activities at each monitoring well. Following completion of recovery activities, the total volume of free-product and groundwater extracted was measured and the approximate free-product volume is provided in Table 4. The extracted groundwater was stored on-Site for treatment by the RCS and the recovered free-product was transferred to an on-Site storage tank and shipped off-Site. Further details on free-product removal at select monitoring wells is provided in Table 25.

In 2025 the total free-product recovered from monitoring wells using a vacuum truck was six gallons. Based on an evaluation of fluid-level measurements and the total free-product recovered, it is anticipated that fluid-level gauging and targeted free-product removal will continue to be conducted at selected monitoring wells on a quarterly basis. Updates regarding this plan will be provided in future Quarterly and Annual Progress Reports.

5.4.2 Kingsland Recovery Well Relocation

The relocation of recovery wells RW-16 and RW-29 and the potential addition of RW-30 was first proposed in a letter to the NYSDEC dated September 18, 2023. The proposed, approximate new locations of RW-16 and RW-29 were closer to the boundaries of the 410 Kingsland Avenue property while continuing to optimize free-product recovery and maintain hydraulic control. The NYSDEC issued a comment letter dated January 9, 2024. A response to the comment letter was submitted to the NYSDEC on April 12, 2024,

and the relocation proposal was approved by the NYSDEC on June 6, 2024. As discussed in an email notification to NYSDEC dated November 27, 2024, a trial monitoring well was installed within approximately 10 feet of each proposed recovery well location in December 2024. Soil samples for sieve analysis were collected, at a minimum, every five feet or when the soil lithology changed and were sent to Soil Mechanics Drilling Corp. for analysis. Depending on the sieve analysis results, samples with a significant percentage of fines were additionally analyzed with a hydrometer test. Six-inch core samples were also collected at each boring from the two-foot interval below the confining unit and were sent to Integrated Geosciences Laboratories, LLC. for analysis. The cores were analyzed with digital core photography and a sieve analysis. Depending on the results, select samples were chosen for additional analyses including pore fluid saturation, capillary space, free-product mobility, air/water drainage, van Genuchten parameters, and Brooks-Corey parameters. The information collected from the trial monitoring wells and related sampling was evaluated to support the recovery well design (e.g., screened interval, slot size). Recovery well installation activities commenced in September 2025 and continued through the Fourth Quarter of 2026. Piping installation activities to connect the new wells to the network began in the Fourth Quarter of 2025 and will continue into the First Quarter of 2026. Throughout the piping infrastructure installation work, daily reports including community air monitoring plan (CAMP) data were submitted to the NYSDEC and NYSDOH for days involving subsurface activities.

5.4.3 410 Kingsland Avenue Interim Site Management Plan

An Environmental Easement for 410 Kingsland Avenue (Kingsland Yard) was recorded with the Office of the City Register of the City of New York, on December 24, 2024. In conjunction with the Environmental Easement, an Interim Site Management Plan (ISMP) for Kingsland Yard was submitted to the NYSDEC on January 10, 2025. The ISMP was prepared to manage the remaining contamination at Kingsland Yard until a Site Remedy and a Final SMP are developed and approved by the NYSDEC. Institutional and Engineering Controls (ICs and ECs) have been incorporated into the ISMP to control potential exposure to remaining contamination at 410 Kingsland Avenue property to ensure protection of public health and the environment. The NYSDEC provided comments to the ISMP on May 8, 2025. These comments were addressed in a Revised Interim Site Management Plan submitted to the NYSDEC on June 11, 2025. The NYSDEC provided comments to the Revised ISMP on September 24, 2025. These comments were addressed in a Revised Interim Site Management Plan dated December 2, 2025 and were approved by the NYSDEC in a letter dated January 13, 2026.

5.5 OU-5 Remedial Activities

The on-going DPLE, VER, and SVE activities within OU-5 are considered IRMs until the selected remedial approach is identified in a NYSDEC Decision Document. Details regarding these IRM activities are provided in Section 2 above. The OU-5 AAR was submitted to the NYSDEC on August 13, 2019. The NYSDEC provided comments on November 5, 2019. The revised OU-5 AAR was submitted to the NYSDEC on October 10, 2023 and is pending approval.

5.6 OU-6- Remedial Activities

In the OU-6 Decision Document, dated March 2016, the NYSDEC selected No Action as the remedy for OU-6, as any potential impacts present have been determined to be unrelated to ExxonMobil's historic operations in Greenpoint. An SMP for OU-6 was submitted to the NYSDEC on February 8, 2017, and approved via letter correspondence on February 16, 2017.

5.7 OU-7 Remedial Activities

An OU-7 and OU-8 Investigation Summary Report was submitted to the NYSDEC on October 10, 2013 and was approved with comments on March 18, 2019. A Response to Comments letter was submitted to the NYSDEC on May 23, 2019 and received approval on June 14, 2019.

The OU-7 and OU-8 AAR was submitted to the NYSDEC on December 29, 2022 and is pending review. The on-going DPLE, VER, and SVE activities within OU-7 are considered IRMs until the selected remedial approach is identified in a NYSDEC Decision Document. VER is being utilized and operated at recovery wells RW-21, RW-24, RW-25, and RW-C. During a portion of the First Quarter of 2025, VER was utilized and operated at RW-23. A letter report requesting RW-23 recovery well shutdown was submitted to the NYSDEC on January 30, 2025 and was approved on February 3, 2025. Recovery well RW-23 was shut down on February 4, 2025 and decommissioning activities were completed on April 4, 2025. Details regarding these IRM activities are provided in the Third Quarter Progress Report of 2025. As of the end of the Third Quarter of 2025, RW-D meets all shutdown criteria. A letter requesting approval to shutdown recovery well RW-D was submitted to the NYSDEC on December 29, 2025 and was approved on December 30, 2025. Updates on decommissioning activities will be provided in future Quarterly and Annual Progress Reports.

5.8 OU-8 Remedial Activities

An OU-7 and OU-8 Investigation Summary Report was submitted to the NYSDEC on October 10, 2013 and was approved with comments on March 18, 2019. A Response to Comments letter was submitted to the NYSDEC on May 23, 2019 and received approval on June 14, 2019.

The OU-7 and OU-8 AAR was submitted to the NYSDEC on December 29, 2022 and is pending review. The on-going DPLE, VER, and SVE activities within OU-8 are considered IRMs until the selected remedial approach is confirmed in a NYSDEC Decision Document. Details regarding these IRM activities are provided in Section 2 above.

5.8.1 RW-G Decommissioning and Force Main Modifications

On August 12, 2024, Roux submitted a Request for Modification to Supplemental Start-Up Procedure and Decommissioning of RW-G to the NYSDEC. The submittal requested approval: (1) to modify the supplemental start-up procedure for the EMGPRP and (2) to decommission the Recovery Well RW-G infrastructure at the terminus of Meeker Avenue. The submittal was approved by the NYSDEC on December 6, 2024, and the related scope of work began in August 2025 and was completed in the Third Quarter of 2025.

5.9 Green Remediation Best Management Practices

Green remediation is the process of examining and potentially minimizing the environmental footprint of Site clean-up activities. The core elements of green remediation include:

- Reduce total energy use and increase the percentage of energy from renewable resources;
- Reduce air pollutants and greenhouse gas (GHG) emissions;
- Reduce water use and preserve water quality;
- Conserve material resources and reduce waste; and
- Protect land and ecosystem services.

As set forth in USEPA, 2015, ASTM, 2016, DER-31: Green Remediation, and DER-10 Technical Guidance, 2010, updated in 2023, green remediation BMPs work to facilitate the application of the core elements of green remediation, while maintaining clean-up objectives and ensuring protectiveness of a Site-specific remedy. BMPs currently implemented for operation, maintenance and monitoring of the RCS, ORS, and SVE system are summarized by category below.

Energy Efficiency

- Solar photovoltaic renewable energy is used for the administrative offices at 38 Varick Street;
- Gravity flow is used, where feasible, in an effort to reduce the number of pumps for water transfer after subsurface extraction;
- VFDs are installed at all recovery wells and the three treatment systems in an effort to allow equipment to operate at lower speeds that better match the required operating point for that equipment and, thus, reduce the energy required to operate that equipment as part of the remedial efforts;
- Pumps, fans, and motors are sized appropriately and use energy-efficient motors;
- A flexible network of piping is used in an effort to allow for shorter piping runs to reduce head losses;
- Piping of sufficient diameter is used in an effort to minimize pressure drops and energy consumption during pump and blower operation;
- Light-emitting diode (LED) fixtures and fluorescent lights are used throughout the Site in an effort to reduce energy demand; and
- SVE flow rates are adjusted in an effort to obtain the minimum air flow and maximum amount of contaminants per volume of vapor removed.

Waste Reduction

- A Site-wide recycling program has been implemented, resulting in the recycling of thousands of pounds of cardboard, paper, plastic, and aluminum since the program began in 2009;
- Water treatment chemical totes are returned to the supplier for reuse;
- Backwash-capable sand filters are used at the RCS and ORS instead of disposable filters;
- A filter press is used in an effort to improve solids dewatering, which results in a reduction in frequency and tonnage of solid waste hauled off-Site;
- Regenerated GAC is used in carbon treatment canisters at the RCS, rather than virgin GAC;
- Local clean materials obtained from nearby development excavation projects are used rather than importing fill; and
- Recovered product and materials are re-used or recycled.

Noise and Emissions Reduction

- Centrifugal blowers are used where possible, rather than positive displacement blowers and intake airline mufflers, in an effort to decrease noise levels;
- Above-ground equipment housings at the RCS and in the SVE system are sound-proofed in an effort to minimize noise disturbance to the surrounding environment; and
- An idling reduction plan is implemented throughout the Site.

Equipment Maintenance

- Manufacturer-recommended preventative maintenance is conducted on schedule for all processing and building equipment, and any needed repairs are performed in a timely fashion;
- Mechanical and electronic equipment are automated as much as possible, and a telemetry system is implemented to reduce frequency of Site visits to respond to alarms; and
- Any equipment that is removed from continuous operation in the treatment train, but may be potentially reintegrated if needed, is retained on-Site for potential future use.

Sampling and Analysis

- Real-time measurement technologies, such as sensors, probes, and meters, are used in an effort to monitor processing conditions, and program alarms are used to notify operators of any system or component failure;
- Routine system parameters are recorded on electronic form to minimize materials associated with hard-copy data sheets;
- Deliverables are requested in electronic form in an effort to minimize materials and fuel consumption associated with hard-copy data reports, which also facilitates data-sharing across team members;
- Surface seals are installed and properly maintained around all wells and monitoring points; and
- Field analysis (HFID, portable landfill gas meters, etc.) is used whenever possible to minimize the need for off-Site laboratory analysis and associated sample packing and shipping.

The EMGPRP remedial measures are expected to operate for the long term and the above practices can contribute significantly to a reduction in the energy consumption and environmental footprint of the remedies. Opportunities to improve the overall remedial footprint typically relate to optimizing efficiency of long-term operations, particularly in terms of energy and other natural resource consumption. Routine monitoring and system optimization are utilized in an effort to maintain efficiency in operation. As oversized systems contribute to inefficiency, continual reassessment will identify future opportunities for system modification and/or downsizing to further increase system efficiency as contaminant concentrations decrease over time (e.g., shutdown of recovery wells in accordance with the Recovery Well Shutdown Procedure, groundwater treatment facility consolidation). Roux will continue to evaluate the application of currently implemented BMPs for potential optimization and/or expanded Site-wide use.

5.10 EMGPRP Treatment System Consolidation

On September 13, 2023, Roux, on behalf of ExxonMobil, submitted a Conceptual Design Report (CDR) to the NYSDEC that provides the basis of design for the consolidation of the existing groundwater treatment systems of the EMGPRP. The CDR was then superseded by the Preliminary Engineering Report and Design Documents (PERDD) submitted to NYSDEC on February 12, 2025, and approved on March 13, 2025. Under the design scope of work described in the PERDD, the two existing groundwater treatment facilities (i.e., the RCS and ORS treatment facilities) would be replaced by a single groundwater treatment facility that would process the groundwater extracted by all of the operating recovery wells. The location of the new groundwater treatment facility is the ExxonMobil-owned property located at 38 Varick Street, Brooklyn, New York.

In accordance with the requirements of the EMGPRP SPDES Permit, an email notification was provided to the NYSDEC prior to the start of the new groundwater treatment facility construction on April 28, 2025.

Prior to the Fourth Quarter of 2025, work generally included in-situ waste characterization sampling, site demolition, site setup, recovery well RW-I infrastructure relocation, and utility work.

During the Fourth Quarter of 2025, construction included the following general activities:

- Modifications of property domestic and fire water services, including;
  - New water main taps to complete the modifications; and
  - Decommissioning of existing water service piping;
- Well house electrical service modifications in coordination with ConEdison;
- Electrical conduit installation;
- Test pitting for locating of existing utilities;
- Sheet pile installation for support of excavation;
- Compacted aggregate piers installation for subgrade improvement;
- Excavation within and immediately adjacent to the sheet pile area for the proposed in-ground aeration / equalization / settling tanks (AEQS tanks);
- Installation of temporary power to support construction activities; and
- Placement of concrete for the belowgrade tank area mud mat.

Throughout construction, daily reports including community air monitoring plan (CAMP) data were submitted to the NYSDEC and NYSDOH for days involving subsurface activities. In accordance with the EMGPRP SPDES Permit, the first Interim Progress Report was submitted to NYSDEC on December 31, 2025. Updates regarding the new consolidated facility construction will continue to be provided in future Quarterly and Annual Progress Reports as well as construction progress reports every nine months in accordance with the EMGPRP SPDES Permit.

6. Status and Summary of Upcoming Activities

The following sections capture the current remedial status for each OU and also summarize the O&M, remedial investigation, design, and construction activities anticipated to occur in the 2026.

6.1 Consent Decree Conceptual Schedule Update

As has been identified in previous Progress Reports and numerous correspondence submitted to the NYSDEC between 2011 and 2025, the Major Milestones listed in the Consent Decree have been submitted to the NYSDEC in accordance with the requirements of the Consent Decree and Corrective Action Plan (CAP). An anticipated schedule of upcoming regulatory deliverables, pursuant to the Consent Decree and CAP, is included in Table 27.

In accordance with the NYSDEC's January 17, 2013 letter, this 2025 Annual Progress Report discusses the progression of activities for the EMGPRP, as shown in Table 26; and makes recommendations to accelerate the projected schedule, if and where reasonably possible. As acknowledged in the NYSDEC's January 17, 2013 letter, Table 25 and Plate 8 of the 2012 Annual Progress Report were considered to be a conceptual and anticipated schedule, subject to revision as the EMGPRP progresses. The status of many of the activities and related submittals for the EMGPRP are contingent upon, among other things, other project activities, obtainment of access from third parties, and/or pending document approvals/reviews.

Pursuant to Sections V.C and VI.C of the CAP, ExxonMobil shall submit AARs after completing an investigation and a feasibility study. ExxonMobil has submitted the required AARs for OU-1, OU-2, OU-3, OU-4, OU-5, OU-7, and OU-8 (AAR was not required for OU-6). Additionally, reports and work plans will be submitted upon completion of the underlying activities, as opposed to the projected submittal dates, if and when reasonably possible, as requested by the NYSDEC.

A brief summary of the anticipated activities and status of pending submissions and upcoming submissions for individual OUs, and the Site as a whole, is provided below.

6.2 Status and Summary of Upcoming Site-Wide 2026 Activities

The following items are Site-wide activities anticipated to occur during 2026, pending several factors, including, but not limited to, access to third-party properties:

- Normal system O&M activities, including, but not limited to, routine fluid-level gauging, adjustments, and maintenance of recovery wells and associated equipment;
- Preparation of Site-wide Quarterly and Annual Progress Reports to the NYSDEC, summarizing the O&M of remediation systems and progress of various investigation and remedial activities being completed at the Site;
- Sampling of the EMGPRP remediation systems effluent on a bi-monthly basis, in accordance with SPDES Permit requirements;
- Sampling of the EMGPRP process air and soil vapor treatment system air on a monthly basis in an effort to verify treatment performance in accordance with the process emissions control requirements of the NYSDEC guidance document DAR-1, "Guidelines for the Evaluation and Control of Ambient Air Contaminants Under 6NYCRR Part 212";

- Continued evaluation of drawdown performance (i.e., specific capacity) of recovery wells;
- Collection of fluid-level measurements from the Site monitoring wells on a quarterly basis;
- Free-product recovery from selected monitoring wells in both the shallow and regional aquifer using a combination of vac-truck and diaphragm pump equipment;
- Completion of one Site-wide groundwater sampling event and submission of summary report to the NYSDEC;
- Completion of one Site-wide soil vapor sampling event and submission of summary reports to the NYSDEC in the Second Quarter of 2026;
- Evaluation of CVOC data collected at ExxonMobil recovery well locations, in an effort to monitor potential adverse effects to the EMGPRP Site from third-party CVOC impacts. The request to reduce the monitoring of recovery well CVOC concentrations from a monthly basis to a quarterly basis was approved by the NYSDEC on December 17, 2025;
- Recovery well sampling will continue on a quarterly basis to test for BTEX and other compounds;
- Continued participation in the New York City One-Call Program, review of the NYCDOB permit applications in the area of the EMGPRP and monitoring of sewer manholes;
- Continued design, planning, and permitting activities associated with the new consolidated groundwater treatment system and building at 38 Varick Street; and
- Submission of modified Recovery Well Shutdown Procedure flowchart to NYSDEC.

6.2.1 Status and Summary of Upcoming OU-1 Activities

In accordance with the OU-1 SMP, the annual OU-1 Periodic Review Report (PRR) was submitted to the NYSDEC on April 14, 2025, to document routine cover system inspections performed in 2025. The next round of routine cover system inspections are anticipated to occur in OU-1 in the Fourth Quarter of 2026 with the reduced monitoring well list approved by NYSDEC.

6.2.2 Status and Summary of Upcoming OU-3 Activities

As discussed in Section 4.3, the semi-annual MNA program in OU-3 was initiated in 2022. In accordance with the RAWP, the semi-annual MNA program in OU-3 will continue in 2025, and first round of sampling occurred between March 11 and March 13, 2025. The second round of the semi-annual MNA sampling occurred in the Third Quarter of 2025, in conjunction with the 2025 Site-wide groundwater monitoring event.

6.2.3 Status and Summary of Upcoming OU-4 Activities

As discussed above in Section 4.4, an updated revised OU-4 AAR was submitted to the NYSDEC on July 21, 2025. The following key activities are scheduled to occur within OU-4 during 2026:

- Continuation of monitoring well free-product recovery activities with a reduced frequency from monthly to quarterly as approved by the NYSDEC;
- Connect and commission RW-16R and RW-29R; and

Soil Vapor Intrusion Investigation Work Plan submittal to the NYSDEC during the First Quarter of 2026, followed by implementation of the approved Work Plan.

6.2.4 Status and Summary of Upcoming OU-5 Activities

As discussed above in Section 5.5, the OU-5 AAR was submitted to the NYSDEC on August 13, 2019. As per comments received from the NYSDEC on November 5, 2019, a revised OU-5 AAR was submitted to NYSDEC on October 10, 2023 and is pending approval.

Soil Vapor Intrusion Investigation Work Plan will be submitted to the NYSDEC during the First Quarter of 2026, followed by implementation of the approved work plan.

VER is currently being utilized and operated at recovery wells RW-17, RW-18, and RW-28 within OU-5 as part of normal system operations and will continue in 2026.

6.2.5 Status and Summary of Upcoming OU-7 Activities

As discussed above in Section 5.7, the OU-7 and OU-8 AAR was submitted to the NYSDEC on December 29, 2022 and is pending approval.

VER is currently being utilized and operated at recovery wells RW-21, RW-24, RW-25, and RW-C within OU-7 as part of normal system operations as well as continued operation of IRMs, including DPLE, VER and SVE will continue in 2026.

6.2.6 Status and Summary of Upcoming OU-8 Activities

As discussed above in Section 5.8, the OU-7 and OU-8 AAR was submitted to the NYSDEC on December 29, 2022 and is pending approval.

VER is currently being utilized and operated at recovery well RW-F and RW-M within OU-8 as part of normal system operations as well as continued operation of IRMs, including DPLE, VER and SVE will continue in 2026.

On behalf of ExxonMobil, Roux will continue to pursue the overall project goals of the EMGPRP and inform the NYSDEC of completed and upcoming activities pursuant to the requirements of the Consent Decree.

Respectfully submitted,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

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Table 1. RCS Recovery Well System Monthly Performance Summary - October 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Recovery Well	Free-Product Recovery for October 2025[1]	Free-Product Recovery Rate for October 2025[2]	Groundwater Pumped for October 2025	Operational Groundwater Recovery Rate for October 2025[3]	Free-Product Recovery for 2025	Free-Product Recovery Rate for 2025[2]	Free-Product Recovery of Wells Since System Well Startup	Free-Product Recovery Rate Since System Well Startup[2]	Operational Run-Time for October 2025[4]	Operational Run-Time for 2025[4]
	(gallons)	(gallon / day)	(gallons)	(gallon / minute)	(gallons)	(gallon / day)	(gallons)	(gallon / day)	(percent)	(percent)
RW-14	138	4	1,327,868	31	951	3	424,421	28	96%	94%
RW-16	15	<1	398,595	9	88	<1	66,971	5	96%	94%
RW-17	2	<1	2,478,969	63	761	3	305,718	40	88%	90%
RW-18	0	0	358,719	8	239	1	278,804	37	95%	93%
RW-20	83	3	145,014	3	942	3	54,162	8	96%	93%
RW-28	0	0	512,652	13	8	<1	20,021	5	88%	86%
RW-29	82	3	187,888	4	561	2	12,401	3	96%	89%
Former Brooklyn Terminal Recovery Wells Total[5]	320	10	5,409,705	--	3,550	12	1,162,498	--	--	--
Recovery Wells RW-21 - RW-25 Total[6]	102	3	5,937,542	--	--	--	--	--	--	--
Recovery Wells RW-H and RW-I Total[8]	0	0	2,236,505	--	--					
RCS Groundwater Treatment Total[7]	--	--	13,583,752	317	--	--	--	--	96%	94%

Notes:

1. The monthly performance summary summarizes the recovery period from October 1, 2025 through October 31, 2025.
2. Free-product recovery rates are average recovery rates.
3. Operational groundwater recovery rates account for system downtime.
4. Total system operational run-time determined from analysis of treatment plant and recovery well operation logs.
5. "Former Brooklyn Terminal Recovery Wells" include recovery wells RW-14, RW-16, RW-17, RW-18, RW-20, RW-28, and RW-29.
6. Groundwater from recovery wells RW-21, RW-24, and RW-25 is conveyed from the off-Site area to the RCS.
7. "RCS Groundwater Treatment Total" includes all recovery wells that convey groundwater to the RCS, including all former Brooklyn Terminal recovery wells and recovery wells RW-21 - RW-25.
8. Groundwater from recovery wells RW-H and RW-I were rerouted for treatment to RCS on April 16th.

Table 2. RCS Recovery Well System Monthly Performance Summary - November 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Recovery Well	Free-Product Recovery for November 2025[1]	Free-Product Recovery Rate for November 2025[2]	Groundwater Pumped for November 2025	Operational Groundwater Recovery Rate for November 2025[3]	Free-Product Recovery for 2025	Free-Product Recovery Rate for 2025[2]	Free-Product Recovery of Wells Since System Well Startup	Free-Product Recovery Rate Since System Well Startup[2]	Operational Run-Time for November 2025[4]	Operational Run-Time for 2025[4]
	(gallons)	(gallon / day)	(gallons)	(gallon / minute)	(gallons)	(gallon / day)	(gallons)	(gallon / day)	(percent)	(percent)
RW-14	74	2	1,416,816	31	1,025	3	424,495	27	98%	95%
RW-16	22	1	444,518	10	110	<1	66,993	5	94%	94%
RW-17	1	<1	2,903,715	64	762	2	305,719	40	98%	91%
RW-18	0	0	381,802	8	239	1	278,804	37	98%	93%
RW-20	92	3	165,812	4	1,034	3	54,254	8	98%	94%
RW-28	3	<1	433,989	12	11	<1	20,024	5	78%	85%
RW-29	81	3	178,616	4	642	2	12,482	3	93%	89%
Former Brooklyn Terminal Recovery Wells Total[5]	273	9	5,925,268	--	3,823	11	1,162,771	--	--	--
Recovery Wells RW-21 - RW-25 Total[6]	170	5	6,742,276	--	--	--	--	--	--	--
Recovery Wells RW-H and RW-I Total[8]	14	0	4,316,773	--	--					
RCS Groundwater Treatment Total[7]	--	--	16,984,317	375	--	--	--	--	98%	95%

Notes:

1. The monthly performance summary summarizes the recovery period from November 1, 2025 through December 2, 2025.
2. Free-product recovery rates are average recovery rates.
3. Operational groundwater recovery rates account for system downtime.
4. Total system operational run-time determined from analysis of treatment plant and recovery well operation logs.
5. "Former Brooklyn Terminal Recovery Wells" include recovery wells RW-14, RW-16, RW-17, RW-18, RW-20, RW-28, and RW-29.
6. Groundwater from recovery wells RW-21, RW-24, and RW-25 is conveyed from the off-Site area to the RCS.
7. "RCS Groundwater Treatment Total" includes all recovery wells that convey groundwater to the RCS, including all former Brooklyn Terminal recovery wells and recovery wells RW-21 - RW-25.

Table 3. RCS Recovery Well System Monthly Performance Summary - December 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Recovery Well	Free-Product Recovery for December 2025[1]	Free-Product Recovery Rate for December 2025[2]	Groundwater Pumped for December 2025	Operational Groundwater Recovery Rate for December 2025[3]	Free-Product Recovery for 2025	Free-Product Recovery Rate for 2025[2]	Free-Product Recovery of Wells Since System Well Startup	Free-Product Recovery Rate Since System Well Startup[2]	Operational Run-Time for December 2025[4]	Operational Run-Time for 2025[4]
	(gallons)	(gallon / day)	(gallons)	(gallon / minute)	(gallons)	(gallon / day)	(gallons)	(gallon / day)	(percent)	(percent)
RW-14	123	4	1,306,511	31	1,148	3	424,618	27	97%	95%
RW-16	0	0	300,183	8	110	<1	66,993	5	84%	93%
RW-17	1	<1	3,213,996	77	763	2	305,720	40	97%	92%
RW-18	0	0	384,662	9	239	1	278,804	36	97%	94%
RW-20	84	3	141,489	3	1,118	3	54,338	8	98%	94%
RW-28	1	<1	417,609	10	12	<1	20,025	5	98%	86%
RW-29[9]	0	0	0	0	642	2	12,482	3	0%	82%
Former Brooklyn Terminal Recovery Wells Total[5]	209	7	5,764,450	--	4,032	11	1,162,980	--	--	--
Recovery Wells RW-21 - RW-25 Total[6]	131	4	3,759,627	--	--	--	--	--	--	--
Recovery Wells RW-H and RW-I Total[8]	24	1	4,550,070	--	--					
RCS Groundwater Treatment Total[7]	--	--	14,074,147	334	--	--	--	--	98%	94%

Notes:

1. The monthly performance summary summarizes the recovery period from December 3, 2025 through January 1, 2026.
2. Free-product recovery rates are average recovery rates.
3. Operational groundwater recovery rates account for system downtime.
4. Total system operational run-time determined from analysis of treatment plant and recovery well operation logs.
5. "Former Brooklyn Terminal Recovery Wells" include recovery wells RW-14, RW-16, RW-17, RW-18, RW-20, RW-28, and RW-29.
6. Groundwater from recovery wells RW-21, RW-24, and RW-25 is conveyed from the off-Site area to the RCS.
7. "RCS Groundwater Treatment Total" includes all recovery wells that convey groundwater to the RCS, including all former Brooklyn Terminal recovery wells, and recovery wells RW-21 - RW-25.

Table 4. RCS Annual Free-Product Recovery Summary - 1979 to Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Year	Recovery Well																									Annual Recovery (gallons / year)
	RW-1	RW-2	RW-3	RW-4	RW-4R	RW-6	RW-8	RW-11	RW-12	RW-13	RW-14	RW-15	RW-16	RW-17	RW-18	RW-19	RW-20	RW-27	RW-28	RW-29	Crude Yard Recovery	Misc. Vacuum Truck Recovery	DM-1	Shallow Aquifer Passive Recovery	Regional Aquifer Passive Recovery	Shallow Aquifer Spillbuster	
1979	9,884	18,600	47,951	58,000	NI	2,097	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NI	136,532
1980	13,869	8,933	47,952	153,596	NI	2,097	3,399	28	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	28	NA	NA	NA	NA	NI	229,874
1981	9,238	ON	17,000	94,132	NI	2,097	820	ON	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NI	123,287
1982	8,000	0	3,880	59,000	NI	361	371	0	29,235	18,300	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NI	119,147
1983	5,009	0	3,444	48,936	NI	7	304	0	9,781	6,217	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NI	73,698
1984	1,885	0	1,433	26,211	NI	25	297	0	8,429	2,476	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NI	40,756
1985	48	0	ON	ON	NI	0	ON	0	ON	ON	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NI	48
1986	3,209	0	3,676	5,716	NI	0	0	0	3,373	217	17,510	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NI	33,701
1987	5,830	0	2,480	6,299	NI	0	0	0	14,721	520	18,843	NI	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NI	48,693
1988	60,678	0	4,177	0	1,270	4,445	0	0	16,170	426	33,946	2,710	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NI	123,822
1989	2,510	0	3,469	0	1,163	12	0	0	7,641	488	16,887	1,399	NI	NI	NI	NI	NI	NI	NI	NI	NA	NA	NA	NA	NA	NI	33,569
1990	5,557	0	3,416	0	8,313	0	0	0	7,834	2,372	26,838	804	NI	NI	NI	NI	NI	NI	NI	NI	53,037	NA	NA	NA	NA	NI	108,171
1991	2,728	0	3,904	0	4,231	0	0	0	30,073	1,097	48,095	533	NI	NI	NI	NI	NI	NI	NI	NI	3,284	NA	NA	NA	NA	NI	93,945
1992	849	0	4,880	0	3,112	0	0	0	8,886	104	52,440	508	NI	NI	NI	NI	NI	NI	NI	NI	1,766	NA	NA	NA	NA	NI	72,545
1993	13	0	3,054	0	401	0	0	0	5,689	0	45,635	358	6,755	NI	NI	NI	NI	NI	NI	NI	656	NA	NA	NA	NA	NI	62,561
1994	235	0	1,188	0	1,280	0	0	0	6,483	0	13,089	800	12,453	NI	NI	NI	NI	NI	NI	NI	341	NA	NA	NA	NA	NI	35,869
1995	194	0	726	0	1,434	0	0	0	5,861	0	21,090	90	15,576	NI	NI	NI	NI	NI	NI	NI	378	NA	NA	NA	NA	NI	45,349
1996	100	0	800	0	820	0	0	0	3,636	0	8,555	438	15,166	NI	NI	NI	NI	NI	NI	NI	101	NA	NA	NA	NA	NI	29,616
1997	337	0	1,037	0	332	0	0	0	6,672	0	4,331	0	6,949	NI	NI	NI	NI	NI	NI	NI	65	NA	NA	NA	NA	NI	19,723
1998	1,807	0	283	0	982	0	0	0	2,375	0	2,189	140	3,892	NI	NI	NI	NI	NI	NI	NI	0	NA	NA	NA	NA	NI	11,668
1999	775	0	228	0	658	0	0	0	1,641	0	9,381	0	2,168	NI	NI	NI	NI	NI	NI	NI	120	NA	NA	NA	NA	NI	14,971
2000	169	0	501	0	589	0	0	0	1,958	0	9,519	0	1,819	NI	NI	NI	NI	NI	NI	NI	0	NA	NA	NA	NA	NI	14,555
2001	0	0	566	0	655	0	0	0	2,332	0	8,520	0	1,155	NI	NI	NI	NI	NI	NI	NI	0	NA	NA	NA	NA	NI	13,228
2002	0	0	0	0	9	0	0	0	OFF	0	9,716	0	207	NI	NI	NI	NI	NI	NI	NI	0	NA	NA	NA	NA	NI	9,932
2003	0	0	0	0	0	0	0	0	400	0	7,546	0	0	NI	NI	NI	NI	NI	NI	NI	0	NA	NA	NA	111	NI	8,057
2004	0	0	0	0	0	0	0	0	0	0	9,051	12	0	NI	NI	NI	NI	NI	NI	NI	0	NA	NA	NA	NA	NI	9,063
2005	0	0	0	0	0	0	0	0	0	0	7,361	15	0	20,315	18,132	109	NI	NI	NI	NI	0	NA	13	NA	99	NI	46,031
2006	0	0	0	0	0	0	0	0	0	0	7,425	0	0	19,007	63,825	10,298	33	NI	NI	NI	0	NA	0	NA	NA	NI	100,587
2007	0	0	0	165	0	0	0	0	0	0	4,952	0	0	7,510	17,482	11,567	27	NI	NI	NI	0	1,200	0	NA	NA	NI	42,902
2008	0	0	0	0	0	0	0	0	0	0	5,857	0	0	8,636	19,579	4,245	763	NI	NI	NI	0	6,290	0	NA	NA	NI	45,371
2009	0	0	0	0	0	0	0	0	0	0	4,776	0	0	10,808	8,969	1,630	52	NI	NI	NI	0	0	0	NA	NA	NI	26,235
2010	0	0	0	0	0	0	0	0	0	0	3,362	0	0	6,775	11,212	1,015	0	NI	NI	NI	0	0	0	NA	NA	NI	22,364
2011	0	0	0	0	0	0	0	0	0	0	1,779	0	0	6,524	15,978	625	0	NI	NI	NI	0	1,503	0	NA	NA	NI	26,409
2012	0	0	0	0	0	0	0	0	0	0	2,361	0	0	5,903	13,027	112	2,864	NI	NI	NI	0	3,000	0	37	7	1	27,311
2013	0	0	0	0	0	0	0	0	0	0	2,224	0	0	7,531	14,099	0	8,219	NI	NI	NI	0	2,471	0	10	2	1	34,556
2014	0	0	0	0	0	0	0	0	0	0	2,612	0	0	6,117	6,715	0	5,030	NI	NI	1,543	0	450	0	1	0	1	22,468
2015	0	0	0	0	0	0	0	0	0	0	1,392	0	0	8,685	16,148	0	4,361	35	6,779	1,524	0	765	21	0	0	0	39,711
2016	0	0	0	0	0	0	0	0	0	0	918	0	81	31,737	21,540	0	5,944	99	7,222	1,212	0	74	6	0	0	0	68,833
2017	0	0	0	0	0	0	0	0	0	0	1,207	0	94	43,476	18,618	0	7,456	5	1,061	1,047	0	0	0	0	0	0	72,964
2018	0	0	0	0	0	0	0	0	0	0	2,215	0	50	29,894	13,923	0	4,949	6	453	821	0	0	0	0	0	0	52,311
2019	0	0	0	0	0	0	0	0	0	0	3,044	0	106	18,939	5,886	0	3,771	0	956	1,329	0	0	0	0	0	0	34,031
2020	0	0	0	0	0	0	0	0	0	0	2,290	0	81	21,584	3,507	0	2,687	0	10	957	0	50	0	0	0	0	31,166
2021	0	0	0	0	0	0	0	0	0	0	1,814	0	89	16,355	4,305	0	2,048	0	6	808	0	135	0	0	0	0	25,560
2022	0	0	0	0	0	0	0	0	0	0	1,868	0	100	16,186	2,238	0	1,007	0	1,675	605	0	103	0	0	0	0	23,782
2023	0	0	0	0	0	0	0	0	0	0	1,611	0	72	17,382	3,157	0	1,221	0	1,850	961	0	52	0	0	0	0	26,306
2024	0	0	0	0	0	0	0	0	0	0	1,222	0	69	1,593	226	0	2,789	0	1	1,033	0	6	0	0	0	0	6,939
2025	0	0	0	0	0	0	0	0	0	0	1,148	0	110	763	239	0	1,118	0	12	642	0	1	0	0	0	0	4,033
Cumulative Recovery	**132,924**	**27,533**	**156,045**	**452,055**	**25,249**	**11,141**	**5,191**	**28**	**173,190**	**32,217**	**424,618**	**7,807**	**66,993**	**305,720**	**278,804**	**29,601**	**54,338**	**145**	**20,025**	**12,482**	**59,776**	**16,099**	**40**	**48**	**219**	**3**	**2,292,250**

Notes:

ON - in operation, no product recovery data
NI - not installed
NA - not applicable
Crude Yard Recovery includes RS-1, RS-2, RS-3, RS-4, RW-11, and Crude Yard Vacuum Truck Recovery
DM-1 recovery in 2005 is included in Regional Aquifer Passive Recovery
Misc. Vacuum Truck Recovery is calculated based on the volume of product present in the well casing prior to removal as indicated by fluid-level gauging data.

Table 5. ORS Free-Product Recovery System Monthly Performance Summary - October 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Recovery Well	Free-Product Recovery for October 2025[1] (gallons)	Free-Product Recovery Rate for October 2025[2] (gallon / day)	Groundwater Pumped for October 2025 (gallons)	Operational Groundwater Recovery Rate for October 2025[3] (gallon / minute)	Free-Product Recovery for 2025 (gallons)	Free-Product Recovery Rate for 2025[2] (gallon / day)	Free-Product Recovery Since System Well Startup[4] (gallons)	Free-Product Recovery Rate Since System Well Startup[2,4] (gallon / day)	Operational Run-time for October 2025[5] (percent)	Operational Run-time for 2025[5] (percent)
RW-A	17	1	1,394,330	33	1,226	4	2,295,668	214	96%	90%
RW-C	0	0	2,518,122	59	0	0	841,813	77	95%	82%
RW-D	0	0	881,517	21	0	0	1,290,854	118	95%	92%
RW-F	1	<1	1,440,483	35	11	<1	102,498	9	93%	89%
RW-H	0	0	2,236,505	57	18	<1	126,818	20	88%	87%
RW-I	0	0	0	0	2	<1	95,377	15	2%	58%
RW-K	0	0	3,198,361	95	187	1	551,975	86	75%	79%
RW-L	0	0	1,087,396	30	127	<1	297,336	46	81%	76%
RW-M	0	0	166,884	4	0	0	8	0	87%	90%
RW-21	16	1	2,328,084	60	291	1	395,880	61	86%	88%
RW-24	12	<1	572,798	15	83	<1	90,967	15	86%	80%
RW-25	74	2	3,036,660	77	480	2	10,634	2	88%	85%
Recovery Wells RW-21 - RW-25 Total[6]	102	3	5,937,542	--	854	3	497,481	--	--	--
Recovery Wells RW-H and RW-I Total	0	0	2,236,505	--	--	--	--	--	--	--
Off-Site Recovery Wells Total[7]	120	4	18,861,140	--	2,425	8	6,099,828	--	--	--
ORS Groundwater Treatment Total[8]	--	--	10,687,093	260	--	--	--	--	92%	83%

Notes:

1. The monthly performance summary summarizes the recovery period from October 1, 2025 through October 31, 2025.
2. Free-product recovery rates are average recovery rates.
3. Operational groundwater recovery rates account for system downtime.
4. Product recovery began on 10/2/95 for recovery wells RW-C, RW-D, and RW-F, on 5/31/96 for RW-A, on 5/2/2008 for RW-H, on 2/1/2008 for RW-I, on 4/3/2008 for RW-K, on 4/16/2008 for RW-L, on 4/27/2017 for RW-M, on 2/29/2008 for RW-21, on 4/25/2008 for RW-25, and on 9/4/2009 for RW-24.
5. Total System operational run-time determined from analysis of treatment plant and recovery well operation logs.
6. "Recovery Wells RW-21 - RW-25" accounts for recovery wells RW-21, RW-24, and RW-25.
7. "Off-Site Recovery Wells Total" accounts for all recovery wells from the off-site area, including RW-A, RW-C, RW-D, RW-F, RW-H, RW-I, RW-K through RW-M, and RW-21 - RW-2
8. "ORS Groundwater Treament Total" accounts for recovery wells RW-A, RW-C, RW-D, RW-F, RW-H, RW-I, RW-K, RW-L & RW-M.

Table 6. ORS Free-Product Recovery System Monthly Performance Summary - November 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Recovery Well	Free-Product Recovery for November 2025[1]	Free-Product Recovery Rate for November 2025[2]	Groundwater Pumped for November 2025	Operational Groundwater Recovery Rate for November 2025[3]	Free-Product Recovery for 2025	Free-Product Recovery Rate for 2025[2]	Free-Product Recovery Since System Well Startup[4]	Free-Product Recovery Rate Since System Well Startup[2,4]	Operational Run-time for November 2025[5]	Operational Run-time for 2025[5]
	(gallons)	(gallon / day)	(gallons)	(gallon / minute)	(gallons)	(gallon / day)	(gallons)	(gallon / day)	(percent)	(percent)
RW-A	32	1	1,457,171	34	1,258	4	2,295,700	213	93%	91%
RW-C	0	0	2,726,563	63	0	0	841,813	76	93%	83%
RW-D	0	0	930,687	22	0	0	1,290,854	117	93%	92%
RW-F	13	<1	1,502,743	35	24	<1	102,511	9	93%	90%
RW-H	14	<1	2,717,871	60	31	<1	126,831	20	98%	88%
RW-I	0	0	1,598,902	56	2	<1	95,377	15	62%	58%
RW-K	0	0	3,408,717	79	187	1	551,975	86	93%	80%
RW-L	0	0	1,395,920	32	127	<1	297,336	46	93%	77%
RW-M	0	0	110,468	3	0	0	8	0	88%	89%
RW-21	10	<1	2,645,770	59	301	1	395,890	61	97%	89%
RW-24	31	1	633,159	14	114	<1	90,998	15	98%	82%
RW-25	129	4	3,463,347	77	609	2	10,763	2	97%	86%
Recovery Wells RW-21 - RW-25 Total[6]	170	5	6,742,276	--	1,024	3	497,651	--	--	--
Recovery Wells RW-H and RW-I Total	14	0	4,316,773	--	--	--	--	--	--	--
Off-Site Recovery Wells Total[7]	229	7	22,591,318	--	2,654	8	6,100,057	--	--	--
ORS Groundwater Treatment Total[8]	--	--	11,532,269	268	--	--	--	--	93%	84%

Notes:

1. The monthly performance summary summarizes the recovery period from November 1, 2025 through December 2, 2025.
2. Free-product recovery rates are average recovery rates.
3. Operational groundwater recovery rates account for system downtime.
4. Product recovery began on 10/2/95 for recovery wells RW-C, RW-D, and RW-F, on 5/31/96 for RW-A, on 5/2/2008 for RW-H, on 2/1/2008 for RW-I, on 4/3/2008 for RW-K, on 4/16/2008 for RW-L, on 4/27/2017 for RW-M, on 2/29/2008 for RW-21, on 4/25/2008 for RW-25, and on 9/4/2009 for RW-24.
5. Total System operational run-time determined from analysis of treatment plant and recovery well operation logs.
6. "Recovery Wells RW-21 - RW-25" accounts for recovery wells RW-21, RW-24, and RW-25.
7. "Off-Site Recovery Wells Total" accounts for all recovery wells from the off-site area, including RW-A, RW-C, RW-D, RW-F, RW-H, RW-I, RW-K through RW-M, and RW-21 through
8. "ORS Groundwater Treament Total" accounts for recovery wells RW-A, RW-C, RW-D, RW-F, RW-H, RW-I, RW-K, RW-L & RW-M.

Table 7. ORS Free-Product Recovery System Monthly Performance Summary - December 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Recovery Well	Free-Product Recovery for December 2025[1]	Free-Product Recovery Rate for December 2025[2]	Groundwater Pumped for December 2025	Operational Groundwater Recovery Rate for December 2025[3]	Free-Product Recovery for 2025	Free-Product Recovery Rate for 2025[2]	Free-Product Recovery Since System Well Startup[4]	Free-Product Recovery Rate Since System Well Startup[2,4]	Operational Run-time for December 2025[5]	Operational Run-time for 2025[5]
	(gallons)	(gallon / day)	(gallons)	(gallon / minute)	(gallons)	(gallon / day)	(gallons)	(gallon / day)	(percent)	(percent)
RW-A	18	1	1,305,226	32	1,276	3	2,295,718	213	94%	91%
RW-C	0	0	2,438,339	60	0	0	841,813	76	94%	84%
RW-D	0	0	812,621	20	0	0	1,290,854	117	94%	92%
RW-F	6	<1	540,713	35	30	<1	102,517	9	36%	85%
RW-H	24	1	2,261,625	55	56	<1	126,856	20	95%	88%
RW-I	0	0	2,288,445	67	2	<1	95,377	15	79%	60%
RW-K	1	<1	2,987,178	74	188	1	551,976	85	94%	81%
RW-L	0	0	1,225,533	30	127	<1	297,336	46	94%	79%
RW-M	0	0	81	0	0	0	8	0	93%	90%
RW-21	12	<1	440,681	91	313	1	395,902	61	11%	83%
RW-24	7	<1	606,808	14	121	<1	91,005	15	97%	83%
RW-25	112	4	2,712,138	74	721	2	10,875	2	85%	86%
Recovery Wells RW-21 - RW-25 Total[6]	131	4	3,759,627	--	1,155	3	497,782	--	--	--
Recovery Wells RW-H and RW-I Total	24	1	4,550,070	--	--	--	--	--	--	--
Off-Site Recovery Wells Total[7]	180	6	17,619,388	--	2,834	8	6,100,237	--	--	--
ORS Groundwater Treatment Total[8]	--	--	9,309,691	230	--	--	--	--	94%	85%

Notes:

1. The monthly performance summary summarizes the recovery period from December 3, 2025 through January 1, 2026.
2. Free-product recovery rates are average recovery rates.
3. Operational groundwater recovery rates account for system downtime.
4. Product recovery began on 10/2/95 for recovery wells RW-C, RW-D, and RW-F, on 5/31/96 for RW-A, on 5/2/2008 for RW-H, on 2/1/2008 for RW-I, on 4/3/2008 for RW-K, on 4/16/2008 for RW-L, on 4/27/2017 for RW-M, on 2/29/2008 for RW-21, on 4/25/2008 for RW-25, and on 9/4/2009 for RW-24.
5. Total System operational run-time determined from analysis of treatment plant and recovery well operation logs.
6. "Recovery Wells RW-21 - RW-25" accounts for recovery wells RW-21, RW-24, and RW-25.
7. "Off-Site Recovery Wells Total" accounts for all recovery wells from the off-site area, including RW-A, RW-C, RW-D, RW-F, RW-H, RW-I, RW-K through RW-M, and RW-21 through
8. "ORS Groundwater Treament Total" accounts for recovery wells RW-A, RW-C, RW-D, RW-F, RW-H, RW-I, RW-K, RW-L & RW-M.

Table 8. ORS Annual Free-Product Recovery Summary - 1995 to Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Year	Recovery Well																			Annual Recovery (Gallons Per Year)
	RW-A	RW-B	RW-C	RW-D	RW-E	RW-F	RW-G	RW-H	RW-I	RW-J	RW-K	RW-L	RW-M	RW-21	RW-22	RW-23	RW-24	RW-25	RW-26	
1995	NI	0	1,161	2,168	4,031	2,286	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	9,646
1996	55,357	0	72,545	104,779	64,080	36,580	87	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	333,428
1997	128,541	0	116,329	183,371	66,380	24,355	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	518,976
1998	273,908	0	116,845	246,395	9,543	5,678	19	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	652,388
1999	193,697	0	103,138	161,976	32,871	5,018	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	496,700
2000	136,963	0	50,026	83,114	10,750	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	280,853
2001	184,310	0	63,595	73,446	6,274	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	327,625
2002	162,252	0	45,807	77,967	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	286,026
2003	165,733	0	58,824	56,742	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	281,299
2004	114,284	0	39,356	40,114	160	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	193,914
2005	133,160	241	27,861	33,401	2,235	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	196,898
2006	204,387	2,266	41,804	52,076	5,672	326	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	306,531
2007	71,142	587	18,395	30,122	2,414	52	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	122,712
2008	114,093	497	22,904	45,377	5,963	389	0	5,388	658	18,924	11,474	5,724	NI	53,046	NI	5,324	NI	9	NI	289,770
2009	80,456	437	24,120	54,340	18,087	10,760	0	21,711	2,538	113,940	153,149	119,880	NI	115,415	24,727	55,239	5,071	68	NI	799,938
2010	65,312	0	19,139	21,258	9,811	6,127	0	37,471	35,808	55,585	142,208	63,982	NI	102,019	24,228	78,340	29,771	2,512	NI	693,571
2011	46,384	0	9,174	7,452	3,976	2,031	0	26,789	30,065	30,364	71,666	22,479	NI	57,763	9,457	43,318	22,965	3,526	120	387,529
2012	32,496	0	3,303	2,350	3,090	937	0	8,426	8,172	20,149	46,678	20,240	NI	26,453	5,118	23,073	20,641	832	1	221,959
2013	24,358	0	4,349	11,876	5,466	2,842	0	16,515	11,695	15,345	66,539	25,192	NI	25,030	4,299	23,841	4,172	673	0	242,192
2014	19,145	0	1,328	1,583	1,285	1,922	0	4,609	3,326	6,297	35,666	14,154	NI	6,136	2,193	9,941	1,669	4	2	109,260
2015	16,753	0	479	141	23	189	0	1,916	773	2,491	8,992	8,057	NI	3,003	1,000	5,339	1,775	141	1	51,073
2016	17,632	0	220	21	915	507	0	1,379	1,547	1,615	4,808	6,569	NI	1,665	1,123	4,609	1,012	29	0	43,650
2017	17,072	0	60	779	1,107	1,276	0	1,422	607	1,320	3,341	3,185	8	2,016	1,026	5,546	1,122	1,562	0	41,449
2018	11,779	0	4	0	109	411	0	70	81	0	188	1,567	0	521	326	804	62	53	0	15,975
2019	2,255	0	0	5	1	35	0	9	1	0	0	0	0	4	0	0	11	179	0	2,500
2020	3,124	0	419	1	0	361	0	108	3	0	1,398	1,512	0	160	0	541	356	12	0	7,995
2021	6,088	0	22	0	0	67	0	273	15	0	1,590	1,963	0	982	0	271	1,071	9	0	12,351
2022	4,664	0	263	0	0	202	0	434	53	0	1,675	1,638	0	589	0	405	471	0	0	10,394
2023	6,914	0	343	0	0	125	0	248	33	0	2,329	1,064	0	292	0	244	488	109	0	12,189
2024	2,183	0	0	0	0	11	0	33	0	0	87	2	0	495	0	0	228	436	0	3,475
2025	1,276	0	0	0	0	30	0	56	2	0	188	127	0	313	0	0	121	721	0	2,834
Cumulative Recovery	**2,295,718**	**4,028**	**841,813**	**1,290,854**	**254,243**	**102,517**	**106**	**126,856**	**95,377**	**266,029**	**551,976**	**297,336**	**8**	**395,902**	**73,497**	**256,835**	**91,005**	**10,875**	**124**	**6,955,099**

Notes:

ON - in operation, no product recovery data

NI - not installed

NA - not applicable

Table 9. SVE System Equivalent Free-Product Recovery Monthly Summary - October 2025

FP BTU Content	19,500	BTU/lb
FP Unit Weight	6.67	lb/gal
Heat of Comb. Unit Vol @ STP	977.5	BTU/ft^3

	TPH as Methane	Airflow	Runtime	Comp. Heating Input Rate	Equiv. FP Mass Rate	**Volume of Equivalent Free Product Recovery**
Date/Time	(ppmv)	(scfm)	(%)	(BTU/hr)	(lbs/day)	**(gals/day)**
10/1/2025	6,823	325	100.0%	130,050	160.1	**24.0**
10/2/2025	6,020	326	100.0%	115,098	141.7	**21.2**
10/3/2025	6,290	326	100.0%	120,260	148.0	**22.2**
10/4/2025	6,454	325	97.9%	120,372	148.2	**22.2**
10/5/2025	6,581	326	68.7%	86,416	106.4	**15.9**
10/6/2025	6,531	325	100.0%	124,485	153.2	**23.0**
10/7/2025	6,858	327	100.0%	131,522	161.9	**24.3**
10/8/2025	7,217	324	100.0%	137,137	168.8	**25.3**
10/9/2025	6,470	325	100.0%	123,322	151.8	**22.7**
10/10/2025	7,664	323	100.0%	145,181	178.7	**26.8**
10/11/2025	7,213	324	100.0%	137,061	168.7	**25.3**
10/12/2025	7,889 [1]	324	100.0%	149,906	184.5	**27.6** [3]
10/13/2025	8,564	325	100.0%	163,235	200.9	**30.1**
10/14/2025	7,405	325	100.0%	141,144	173.7	**26.0**
10/15/2025	7,386	325	100.0%	140,782	173.3	**26.0**
10/16/2025	7,419	327	100.0%	142,281	175.1	**26.2**
10/17/2025	7,249	320	100.0%	136,045	167.4	**25.1**
10/18/2025	6,913	325	100.0%	131,766	162.2	**24.3**
10/19/2025	7,293	325	100.0%	139,009	171.1	**25.6**
10/20/2025	7,419	321	100.0%	139,670	171.9	**25.8**
10/21/2025	7,366	325	100.0%	140,400	172.8	**25.9**
10/22/2025	7,899	325	100.0%	150,560	185.3	**27.8**
10/23/2025	7,738	323	100.0%	146,583	180.4	**27.0**
10/24/2025	8,432	324	100.0%	160,224	197.2	**29.6**
10/25/2025	8,099	326	100.0%	154,847	190.6	**28.6**
10/26/2025	8,578	325	100.0%	163,502	201.2	**30.2**
10/27/2025	8,099	326	100.0%	154,847	190.6	**28.6**
10/28/2025	8,432	324	100.0%	160,224	197.2	**29.6**
10/29/2025	8,428	325	89.0%	142,908	175.9	**26.4**
10/30/2025	7,658	323	100.0%	145,068	178.5	**26.8**
10/31/2025	7,855	326	100.0%	150,182	184.8	**27.7**
				Total Recovery		**798**

Notes:
1. TPH estimated from average of previous and subsequent readings in absence of daily reading.
2. Airflow estimated from average of previous and subsequent readings in absence of daily reading.
3. Volume of equivalent free-product recovery calculated using estimated TPH and/or airflow values.
4. TPH as Methane estimated using a Landtec Landfill meter while HFID is out of service.

Table 10. SVE System Equivalent Free-Product Recovery Monthly Summary - November 2025

FP BTU Content	19,500 BTU/lb
FP Unit Weight	6.67 lb/gal
Heat of Comb. Unit Vol @ STP	977.5 BTU/ft^3

	TPH as Methane	Airflow	Runtime	Comp. Heating Input Rate	Equiv. FP Mass Rate	**Volume of Equivalent Free Product Recovery**
Date/Time	(ppmv)	(scfm)	(%)	(BTU/hr)	(lbs/day)	**(gals/day)**
11/1/2025	7,843	328	100.0%	150,872	185.7	**27.8**
11/2/2025	7,700	329	100.0%	148,573	182.9	**27.4**
11/3/2025	7,647	325	100.0%	145,756	179.4	**26.9**
11/4/2025	7,160	325	100.0%	136,474	168.0	**25.2**
11/5/2025	6,863	326	100.0%	131,215	161.5	**24.2**
11/6/2025	8,087	324	100.0%	153,669	189.1	**28.3**
11/7/2025	6,816	326	100.0%	130,317	160.4	**24.0**
11/8/2025	7,034	327	100.0%	134,897	166.0	**24.9**
11/9/2025	6,855	324	100.0%	130,258	160.3	**24.0**
11/10/2025	7,177	327	100.0%	137,640	169.4	**25.4**
11/11/2025	6,871	325	78.4%	102,677	126.4	**18.9**
11/12/2025	8,477	325	79.0%	127,581	157.0	**23.5**
11/13/2025	8,418	325	100.0%	160,452	197.5	**29.6**
11/14/2025	8,332	325	100.0%	158,813	195.5	**29.3**
11/15/2025	8,562	326	100.0%	163,699	201.5	**30.2**
11/16/2025	9,344	326	100.0%	178,650	219.9	**33.0**
11/17/2025	8,285	323	100.0%	156,945	193.2	**28.9**
11/18/2025	7,132	326	100.0%	136,358	167.8	**25.2**
11/19/2025	7,133	323	100.0%	135,123	166.3	**24.9**
11/20/2025	8,076	321	100.0%	152,039	187.1	**28.0**
11/21/2025	7,913	324	100.0%	150,362	185.1	**27.7**
11/22/2025	8,744	325	100.0%	166,666	205.1	**30.7**
11/23/2025	8,121	325	100.0%	154,791	190.5	**28.6**
11/24/2025	6,012	323	90.1%	102,567	126.2	**18.9**
11/25/2025	6,841	325	100.0%	130,394	160.5	**24.1**
11/26/2025	6,446	326	100.0%	123,243	151.7	**22.7**
11/27/2025	6,603	323	100.0%	125,083	153.9	**23.1**
11/28/2025	6,069	324	100.0%	115,323	141.9	**21.3**
11/29/2025	5,921	329	100.0%	114,247	140.6	**21.1**
11/30/2025	6,459	352	100.0%	133,340	164.1	**24.6**
				Total Recovery		**772**

Notes:
1. TPH estimated from average of previous and subsequent readings in absence of daily reading.
2. Airflow estimated from average of previous and subsequent readings in absence of daily reading.
3. Volume of equivalent free-product recovery calculated using estimated TPH and/or airflow values.
4. TPH as Methane estimated using a Landtec Landfill meter while HFID is out of service.

Table 11. SVE System Equivalent Free-Product Recovery Monthly Summary - December 2025

FP BTU Content	19,500 BTU/lb
FP Unit Weight	6.67 lb/gal
Heat of Comb. Unit Vol @ STP	977.5 BTU/ft^3

	TPH as Methane	Airflow	Runtime	Comp. Heating Input Rate	Equiv. FP Mass Rate	**Volume of Equivalent Free Product Recovery**
Date/Time	(ppmv)	(scfm)	(%)	(BTU/hr)	(lbs/day)	**(gals/day)**
12/1/2025	6,234	351	25.3%	32,493	40.0	**6.0**
12/2/2025	0	0	0.0%	0	0.0	**0.0**
12/3/2025	5,860 [1]	348	56.0%	67,024	82.5	**12.4** [3]
12/4/2025	5,860 [1]	353	100.0%	121,318	149.3	**22.4** [3]
12/5/2025	5,860 [1]	344	100.0%	118,225	145.5	**21.8** [3]
12/6/2025	5,860 [1]	358	100.0%	123,036	151.4	**22.7** [3]
12/7/2025	5,485	360	100.0%	115,806	142.5	**21.4**
12/8/2025	6,210	354	100.0%	128,928	158.7	**23.8**
12/9/2025	10,458	335	100.0%	205,469	252.9	**37.9**
12/10/2025	9,334	357	100.0%	195,429	240.5	**36.0**
12/11/2025	9,188	343	100.0%	184,828	227.5	**34.1**
12/12/2025	9,439	358	100.0%	198,181	243.9	**36.6**
12/13/2025	9,527 [1]	349	100.0%	195,000	240.0	**36.0** [3]
12/14/2025	9,614	344	100.0%	193,962	238.7	**35.8**
12/15/2025	9,346	357	100.0%	195,680	240.8	**36.1**
12/16/2025	7,812	354	100.0%	162,188	199.6	**29.9**
12/17/2025	7,923	346	100.0%	160,775	197.9	**29.7**
12/18/2025	7,274	354	100.0%	151,018	185.9	**27.9**
12/19/2025	9,169	351	100.0%	188,748	232.3	**34.8**
12/20/2025	7,516	345	100.0%	152,075	187.2	**28.0**
12/21/2025	9,169	351	100.0%	188,748	232.3	**34.8**
12/22/2025	7,131	350	100.0%	146,377	180.2	**27.0**
12/23/2025	8,871	362	100.0%	188,336	231.8	**34.7**
12/24/2025	8,798	355	100.0%	183,175	225.4	**33.8**
12/25/2025	8,860	346	100.0%	179,789	221.3	**33.2**
12/26/2025	8,442	339	100.0%	167,841	206.6	**31.0**
12/27/2025	8,272	361	100.0%	175,134	215.5	**32.3**
12/28/2025	8,266	351	100.0%	170,159	209.4	**31.4**
12/29/2025	9,517	359	100.0%	200,377	246.6	**37.0**
12/30/2025	8,977 [1]	355	94.2%	175,995	216.6	**32.5** [3]
12/31/2025	8,977 [1]	351	100.0%	184,785	227.4	**34.1** [3]
				Total Recovery		**895**

Notes:
1. TPH estimated from average of previous and subsequent readings in absence of daily reading.
2. Airflow estimated from average of previous and subsequent readings in absence of daily reading.
3. Volume of equivalent free-product recovery calculated using estimated TPH and/or airflow values.
4. TPH as Methane estimated using a Landtec Landfill meter while HFID is out of service.

Table 12. SVE System Equivalent Free-Product Recovery Summary - 2009 to Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Recovery Period	Average SVE Well Flow Rate (Standard Cubic Feet per Minute)	Average Total Petroleum Hydrocarbons from HFID (parts per million by volume)	Equivalent Free-Product Recovery[1] (gallons)	Average Equivalent Free-Product Recovery Rate (gallons per day)	Average Runtime (percent)
2009 Total			**4,500**		
2010 Total			**8,297**		
2011 Total			**3,036**		
2012 Total			**8,980**		
2013 Total			**13,710**		
2014 Total			**16,979**		
2015 Total			**32,173**		
2016 Total			**50,608**		
2017 Total			**34,084**		
2018 Total			**16,738**		
2019 Total			**9,065**		
2020 Total			**7,564**		
2021 Total			**12,143**		
2022 Total			**10,915**		
2023 Total			**14,604**		
2024 Total			**12,004**		
January	471	6,176	977	32	100.0%
February	466	5,804	824	29	91.3%
March	500	5,828	921	31	97.5%
April	503	5,264	829	28	96.3%
May	390	6,033	716	23	94.8%
June	325	5,447	574	19	100.0%
July	322	3,885	417	13	99.0%
August	304	2,476	258	8	89.5%
September	325	5,502	568	19	98.1%
October	325	7,427	798	26	98.6%
November	326	7,431	772	26	98.2%
December	340	6,401	895	29	92.8%
2025 Total	**383**	**5,640**	**8,549**	**24**	**96.3%**
Cumulative Recovery Total			**263,948**		

Notes:

1. Recovery determined by using SVE influent flow rate and TPH concentration from the HFID to calculate the energy content of the SVE air stream. This energy content is converted to equivalent free-product volume using the average energy content of free-product.

Table 13. Summary of Influent Analytical Results for SVE System
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Parameter	Sample Designation: / Sample Date:	SVE Influent[1] 10/15/2025	SVE Influent[1] 11/14/2025	SVE Influent[1] 12/12/2025
Concentrations in ppbv				
Benzene		1,400	2,100	2,200
Ethylbenzene		420	1,000	1,000
Toluene		ND	ND	ND
Xylenes (total)		2,200	6,090	6,090
	Total BTEX:	**4,020**	**9,190**	**9,290**
Concentrations in ppmv				
Total Petroleum Hydrocarbons (as Equiv Methane)		2,600	3,600	4,600
Methane		1,500	2,000	2,800
Non-Methane Hydrocarbons		1,100	1,600	1,800

Notes:

1. Analytical results are representative of the SVE influent stream which is a combination of air from SVE wells and VER wells.
   ppbv - Parts per billion/volume
   ppmv - Parts per million/volume
   ND - Not Detected

Table 14. VER Recovery Well System Monthly Performance Summary - October 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Recovery Well	Free-Product Recovery for October 2025[1]	Free-Product Recovery Rate for October 2025[2]	Free-Product Recovery for 2025	Free-Product Recovery Rate for 2025[2]	Equivalent Free Product Recovery Rate for October 2025	Wellhead Vacuum for October 2025[5]	Air Flow for October 2025[4]	THC Concentration for October 2025[7]	Methane Concentration[5]	Carbon Dioxide Concentration[5]	Oxygen Concentration[5]	Operational Run-Time for October 2025[3]	Operational Run-Time for 2025[3]
	(gallons)	(gallon / day)	(gallons)	(gallon / day)	(gallon / day)	(inches of H20)	(SCFM)	(ppmv)	(%)	(%)	(%)	(percent)	(percent)
RW-17	2	<1	761	3	1	45	21	3,639	0.28	4.55	14.55	88%	90%
RW-18	0	0	239	1	3	46	3	89,825	9.77	2.90	16.40	95%	93%
RW-21	16	1	291	1	<1	15.1	40.7	18	0.00	1.03	19.68	86%	88%
RW-24	12	<1	83	<1	8	41	37	19,447	0.77	11.50	4.73	86%	80%
RW-25	74	2	480	2	<1	41	56	483	0.08	2.07	18.37	88%	85%
RW-28	0	0	8	<1	<1	49	17	620	0.03	0.57	20.07	88%	86%
RW-C	0	0	0	0	<1	16	36	641	0.02	3.30	16.07	95%	82%
RW-F	1	<1	11	<1	<1	3	15	19	0.00	0.93	19.77	93%	89%
RW-M	0	0	0	0	<1	11	23	10	0.00	1.80	18.30	87%	90%
VER Wells Total	105	--	1,874	--	12	--	250	--	--	--	--	--	--

Notes:

1. The monthly performance summary summarizes the recovery period from October 1, 2025 through October 31, 2025.
2. Free-product recovery rates are average recovery rates.
3. Total system operational run-time determined from analysis of treatment plant and recovery well operation logs.
4. Air flow is calculated using differential pressure through an averaging pitot tube.
5. Vacuum and gas concentration data is reflective of field measurements using a Landtec Landfill meter.
6. Recovery is determined by using VER well air flow rate and estimated TPH concentration using a correlation factor between field methane measurements and laboratory reported THC concentrations. This energy content is converted to equivalent free-product volume using the average energy content of free-product.
7. The reported THC concentrations for RW-17, RW-21, RW-25, RW-28, RW-C, RW-F and RW-M are from samples analyzed by Eurofins Lancaster Lab as concetrations are too low to be measured with field equipment.

Table 15. VER Recovery Well System Monthly Performance Summary - November 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Recovery Well	Free-Product Recovery for November 2025[1]	Free-Product Recovery Rate for November 2025[2]	Free-Product Recovery for 2025	Free-Product Recovery Rate for 2025[2]	Equivalent Free Product Recovery Rate for November 2025	Wellhead Vacuum for November 2025[5]	Air Flow for November 2025[4]	THC Concentration for November 2025	Methane Concentration[5,7]	Carbon Dioxide Concentration[5,7]	Oxygen Concentration[5,7]	Operational Run-Time for November 2025[3]	Operational Run-Time for 2025[3]
	(gallons)	(gallon / day)	(gallons)	(gallon / day)	(gallon / day)	(inches of H20)	(SCFM)	(ppmv)	(%)	(%)	(%)	(percent)	(percent)
RW-17	1	<1	762	2	0	37	17	0	0.00	4.95	15.30	98%	91%
RW-18	0	0	239	1	<1	35	2	15,635	1.70	2.05	17.90	98%	93%
RW-21	10	<1	301	1	0	11.0	28.8	0	0.00	1.00	19.57	97%	89%
RW-24	31	1	114	<1	11	35	32	30,439	1.20	12.20	4.67	98%	82%
RW-25	129	4	609	2	0	34	47	0	0.00	1.95	18.65	97%	86%
RW-28	3	<1	11	<1	0	41	3	0	0.00	0.37	20.17	78%	85%
RW-C	0	0	0	0	0	17	32	0	0.00	2.55	17.65	93%	83%
RW-F	13	<1	24	<1	<1	3	12	9	0.00	0.82	19.58	93%	90%
RW-M	0	0	0	0	0	10	6	0	0.00	1.80	18.50	88%	89%
VER Wells Total	187	--	2,061	--	11	--	182	--	--	--	--	--	--

Notes:

1. The monthly performance summary summarizes the recovery period from November 1, 2025 through November 30, 2025.
2. Free-product recovery rates are average recovery rates.
3. Total system operational run-time determined from analysis of treatment plant and recovery well operation logs.
4. Air flow is calculated using differential pressure through an averaging pitot tube.
5. Vacuum and gas concentration data is reflective of field measurements using a Landtec Landfill meter.
6. Recovery is determined by using VER well air flow rate and estimated TPH concentration using a correlation factor between field methane measurements and laboratory reported THC concentrations. This energy content is converted to equivalent free-product volume using the average energy content of free-product.
7. The reported gas concentration data for RW-F is the averaged gas concentrations within the reporting period as field measurements and laboratory reports were not measured.

Table 16. VER Recovery Well System Monthly Performance Summary - December 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Recovery Well	Free-Product Recovery for December 2025[1]	Free-Product Recovery Rate for December 2025[2]	Free-Product Recovery for 2025	Free-Product Recovery Rate for 2025[2]	Equivalent Free Product Recovery Rate for December 2025	Wellhead Vacuum for December 2025[5]	Air Flow for December 2025[4]	THC Concentration for December 2025	Methane Concentration[5]	Carbon Dioxide Concentration[5]	Oxygen Concentration[5]	Operational Run-Time for December 2025[3]	Operational Run-Time for 2025[3]
	(gallons)	(gallon / day)	(gallons)	(gallon / day)	(gallon / day)	(inches of H20)	(SCFM)	(ppmv)	(%)	(%)	(%)	(percent)	(percent)
RW-17	1	<1	763	2	2	51	27	5,199	0.40	5.80	12.50	97%	92%
RW-18	0	0	239	1	2	46	1	171,066	18.60	6.60	9.80	97%	94%
RW-21	12	<1	313	1	0	8.3	22.1	0	0.00	0.10	20.20	11%	83%
RW-24	7	<1	121	<1	7	50	39	16,488	0.65	9.85	7.45	97%	83%
RW-25	112	4	721	2	<1	36	45	941	0.15	0.95	18.65	85%	86%
RW-28	1	<1	12	<1	0	16	5	0	0.00	0.35	20.10	98%	86%
RW-C	0	0	0	0	0	22	20	0	0.00	3.20	15.85	94%	84%
RW-F	6	<1	30	<1	0	2	14	0	0.00	0.70	19.40	36%	85%
RW-M	0	0	0	0	0	8	35	0	0.00	1.60	18.45	93%	90%
VER Wells Total	139	--	2,200	--	11	--	209	--	--	--	--	--	--

Notes:

1. The monthly performance summary summarizes the recovery period from December 1, 2025 through December 31, 2025.
2. Free-product recovery rates are average recovery rates.
3. Total system operational run-time determined from analysis of treatment plant and recovery well operation logs.
4. Air flow is calculated using differential pressure through an averaging pitot tube.
5. Vacuum and gas concentration data is reflective of field measurements using a Landtec Landfill meter.
6. Recovery is determined by using VER well air flow rate and estimated TPH concentration using a correlation factor between field methane measurements and laboratory reported THC concentrations. This energy content is converted to equivalent free-product volume using the average energy content of free-product.

Table 17. Free-Product Recovery System 2025 Yearly Performance Summary for Active Recovery Wells
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

		RECOVERY AMOUNTS			RECOVERY RATES			WATER PRODUCT RATIOS		RUNTIME PERCENTAGES	
Well ID	Year Installed as an Active Recovery Well	Cumulative Since Well Startup	Total Free-Product Recovery 2024	Total Free-Product Recovery 2025	Average Free-Product Recovery Rate Since System Well Startup[1]	Annual Average Free-Product Recovery Rate 2024[1]	Annual Average Free-Product Recovery Rate 2025[1]	2024 Annual Water-to-Product Ratio	2025 Annual Water-to-Product Ratio	Annual Average Run-time 2024[2]	Annual Average Run-time 2025[2]
	--	(gallons)	(gallons)	(gallons)	(gallon / day)	(gallon / day)	(gallon / day)	(gallons-GW / gallons-FP)	(gallons-GW / gallons-FP)	(percent)	(percent)
RW-A	1996	2,295,718	2,183	1,276	213	6	4	8,595	29,820	94%	91%
RW-C	1995	841,813	0	0	76	0	0	--	--	89%	84%
RW-D	1995	1,290,854	0	0	117	0	0	--	--	88%	92%
RW-F	1996	102,517	11	30	9	<1	<1	838,396	672,001	94%	85%
RW-H	2008	126,855	33	55	20	<1	<1	3,038,527	1,967,928	94%	88%
RW-I	2008	95,377	0	2	15	0	<1	--	--	88%	60%
RW-K	2008	551,976	87	188	85	<1	<1	508,769	681,829	94%	81%
RW-L	2008	297,336	2	127	46	<1	<1	1,934,085	529,879	92%	79%
RW-M	2017	8	0	0	<1	0	0	--	--	93%	90%
RW-14	1986	424,618	1,222	1,148	27	4	3	60,809	24,642	92%	95%
RW-16	2015	66,993	69	110	5	<1	<1	112,801	63,318	95%	93%
RW-17	2005	305,720	1,593	763	40	5	3	39,602	649,809	95%	91%
RW-18	2005	278,804	226	239	36	1	1	46,883	14,157	91%	94%
RW-20	2012	54,338	2,789	1,118	8	8	3	761	1,618	93%	94%
RW-21	2008	395,902	495	313	61	2	1	133,498	330,334	95%	83%
RW-23	2008	256,835	0	--	39	0	0	--	--	91%	9%
RW-24	2009	91,005	228	121	15	1	1	97,359	91,688	94%	90%
RW-25	2008	10,875	436	721	2	2	2	225,959	59,627	96%	86%
RW-28	2015	20,025	1	12	5	<1	<1	792,764	349,995	96%	86%
RW-29	2014	12,482	1,033	642	3	3	2	1,301	2,243	97%	82%

Notes:

1. Free-product recovery rates are average recovery rates.
2. Total System operational run-time determined from analysis of treatment plant and recovery well operation logs.

Table 18. RCS 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Reporting Period Duration	Brooklyn Terminal Wells Monthly Groundwater Treatment Volume[6]	Recovery Wells 21-25 Monthly Groundwater Treatment Volume	Recovery Wells H and I Monthly Groundwater Treatment Volume	Total Montly Extraction Volume[3]	Average Monthly Operational Groundwater Flow Rate[3]	Cumulative Groundwater Treatment Volume Year-to-Date[3]	Monthly Free-Product Recovery[4]	Monthly Free-Product Recovery Rate[4]	Average Monthly Free-Product Recovery Rate / Day of Operation[1,4]	Cumulative Free-Product Recovery Year-to-Date[4]	Cumulative Free-Product Recovery Since System Well Startup[4,7]	Monthly Water-to-Product Ratio[5]
	(days)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)
January	31	5,897,692	8,298,310	--	14,196,002	397	14,196,002	378	12	13	378	2,288,595	15,602
February	28	5,583,504	6,284,496	--	11,868,000	413	26,064,002	390	14	14	768	2,288,985	14,317
March	31	5,610,217	5,926,709	--	11,536,926	306	37,600,928	275	9	9	1,043	2,289,260	20,401
April	30	5,680,286	5,624,922	1,340,463	12,645,671	378	50,246,599	300	10	13	1,343	2,289,560	18,934
May	33	5,023,340	4,408,407	3,184,094	12,615,841	279	62,862,440	472	14	17	1,815	2,290,032	10,643
June	28	4,879,104	3,150,313	2,572,461	10,601,878	315	73,464,318	242	9	9	2,057	2,290,274	20,142
July	31	6,633,110	5,336,902	4,744,786	16,714,798	333	90,179,116	474	15	15	2,531	2,290,748	13,994
August	32	5,480,155	5,954,091	2,433,483	13,867,729	250	104,046,845	366	11	11	2,897	2,291,114	14,973
September	29	6,443,702	6,078,190	2,647,485	15,169,377	343	119,216,222	333	11	12	3,230	2,291,447	19,350
October	31	5,409,705	5,937,542	2,236,505	13,583,752	284	132,799,974	320	10	11	3,550	2,291,767	16,905
November	32	5,925,268	6,742,276	4,316,773	16,984,317	284	149,784,291	273	9	9	3,823	2,292,040	21,704
December	30	5,764,450	3,759,627	4,550,070	14,074,147	317	163,858,438	209	7	7	4,032	2,292,249	27,581
Average		5,694,211	5,625,149		13,654,870	327		336	11	12			16,946
Misc. Vacuum Truck Recovery											1	2,292,250	

Notes:

1. Average monthly recovery rates account for system downtime.
2. Average runtime is the effective runtime [total annual operational runtime] (in days) divided by total number of days in the year.
3. Treatment volume includes groundwater from ExxonMobil RW-14, RW-16, RW-17, RW-18, RW-20, RW-28, RW-29, and RW-21 - RW-25.
4. Free-Product Recovery numbers reflect only RW-14, RW-16, RW-17, RW-18, RW-20, RW-28 and RW-29. Free-product recovery from RW-21 - RW-25 is reflected in OU-7 and OU-8 numbers.
5. The Monthly Water to Product Ratio reflects groundwater and free-product only from the Brooklyn Terminal wells.
6. Brooklyn Terminal wells include RW-14, RW-16, RW-17, RW-18, RW-20, RW-28 and RW-29.
7. Cumulative Free-Product Recovery Since System Well Startup includes free-product recovery from miscellaneous free-product recovery efforts (e.g., vacuum truck events) in addition to the recovery wells as described in Note 4 above.

Table 19. ORS 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Reporting Period Duration	Monthly Groundwater Treatment Volume[3,6]	Monthly Groundwater Extraction Delivered to RCS	OU-7 / OU-8 Groundwater Extraction Volume[4]	Average Monthly Operational Groundwater Flow Rate[3]	Cumulative Groundwater Treatment Volume Year-to-Date[3]	Monthly Free-Product Recovery[4]	Monthly Free-Product Recovery Rate[4]	Average Monthly Operational Free-Product Recovery Rate[1,4]	Cumulative Free-Product Recovery Year-to-Date[4]	Cumulative Free-Product Recovery Since System Well Startup[4]	Monthly Water-to-Product Ratio[5]	Monthly Operation Run-time[2]
	(days)	(gallons)	(gallons)	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	31	13,894,813	8,298,310	22,193,123	317	13,894,813	399	13	13	399	6,952,664	55,566	99%
February	28	10,901,179	6,284,496	17,185,675	336	24,795,992	395	14	15	794	6,953,059	43,508	91%
March	31	12,173,645	5,926,709	18,100,354	316	36,969,637	459	15	17	1,253	6,953,518	39,434	88%
April	30	13,698,933	5,624,922	19,323,855	405	50,668,570	433	14	15	1,686	6,953,951	44,628	96%
May	33	8,988,465	7,592,501	16,580,966	305	59,657,035	116	4	4	1,802	6,954,067	142,939	91%
June	28	8,323,563	5,722,774	14,046,337	366	67,980,597	145	5	5	1,948	6,954,213	96,539	99%
July	31	10,626,527	10,081,688	20,708,215	435	78,607,125	59	2	2	2,007	6,954,272	350,987	83%
August	32	7,526,769	8,387,574	15,914,343	284	86,133,894	124	4	4	2,131	6,954,396	128,341	86%
September	29	12,101,196	8,725,675	20,826,871	398	98,235,090	174	6	6	2,305	6,954,570	119,695	93%
October	31	10,687,093	8,174,047	18,861,140	334	108,922,183	120	4	4	2,425	6,954,690	156,784	92%
November	32	11,532,269	11,059,049	22,591,318	384	120,454,452	229	7	8	2,654	6,954,919	98,868	93%
December	30	9,309,691	8,309,697	17,619,388	373	129,764,143	180	6	6	2,834	6,955,099	97,723	94%
Average		10,813,679			267		236	8	8			79,023	92%

Notes:

1. Average monthly recovery rates account for system downtime.
2. Average runtime is the effective runtime [total annual operational runtime] (in days) divided by total number of days in the year.
3. Accounts for recovery wells RW-A, RW-C, RW-D, RW-F, RW-H, RW-I, RW-K, RW-L, and RW-M.
4. Accounts for recovery wells RW-A, RW-C, RW-D, RW-F, RW-H, RW-I, RW-K, RW-L, RW-M and RW-21 - RW-25.
5. Water-to-Product ratio reflects water and free-product numbers from all OU-7 / OU-8 recovery wells.

Table 22. Summary of Shallow Aquifer Water-Level and Free-Product Thickness Data
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Average Free-Product Specific Gravity: 0.85

November 6, 2025										
Well Number	Time of Measurement	Elevation of Measuring Point (ft-amsl)	Depth to Free-Product (ft below measuring point)	Depth to Water (ft below measuring point)	Oil/Water Interface Elevation (ft-amsl)	Ground Water Elevation (ft-amsl)	Free-Product Elevation (ft-amsl)	Free-Product Thickness (ft)	Operable Unit (OU)	Notes
BA-1	8:12:00 AM	19.11	--	17.23	--	1.88	--	--	4	
KNW-1	8:16:00 AM	9.455	--	5.86	--	3.60	--	--	3	
KNW-11	8:12:00 AM	10.22	DRY	DRY	--	--	--	--	3	6
KNW-12	8:06:00 AM	8.632	--	5.5	--	3.13	--	--	3	
KNW-13	8:29:00 AM	8.07	3.41	3.5	4.57	4.65	4.66	0.09	3	
KNW-14	8:43:00 AM	7.4	2.17	2.39	5.01	5.20	5.23	0.22	3	
KNW-2	8:06:00 AM	8.211	NM	NM	NM	NM	NM	NM	3	5
KNW-3	8:00:00 AM	7.835	2.02	2.15	5.685	5.80	5.815	0.13	3	
KNW-4	8:29:00 AM	7.707	NM	NM	NM	NM	NM	NM	3	5
KNW-5	8:15:00 AM	9.597	--	6.83	--	2.77	--	--	3	
KNW-6	8:12:00 AM	6.351	--	5.17	--	1.18	--	--	3	
KNW-7	8:15:00 AM	6.561	--	5.05	--	1.51	--	--	3	
MW-50S	8:23:00 AM	15.24	--	9.23	--	6.01	--	--	5	
NC-1 (AM)	8:16:00 AM	7.77	--	5.3	--	2.47	--	--	4	
NC-1 (PM)	8:00:00 AM	7.77	--	11.86	--	-4.09	--	--	4	
S-102	8:12:00 AM	12.09	--	1.2	--	10.89	--	--	4	
S-103	8:15:00 AM	13.49	--	2.86	--	10.63	--	--	4	
S-12	8:29:00 AM	9.35	--	4.59	--	4.76	--	--	4	
S-13	8:12:00 AM	8.86	--	2.4	--	6.46	--	--	4	
S-14	8:15:00 AM	7.07	--	2.35	--	4.72	--	--	4	
S-15	8:12:00 AM	9.32306	--	4.39	--	4.93	--	--	4	
S-16	8:06:00 AM	12.22	--	1.77	--	10.45	--	--	4	
S-18	8:29:00 AM	10.12447	--	3.75	--	6.37	--	--	4	
S-19	8:43:00 AM	7.90219	--	3.2	--	4.70	--	--	4	
S-2	8:15:00 AM	16.15	--	6.31	--	9.84	--	--	4	
S-20	8:23:00 AM	8.5617	--	2.52	--	6.04	--	--	4	
S-21	8:16:00 AM	9.39149	--	2.62	--	6.77	--	--	4	
S-22	8:00:00 AM	7.996666667	--	2.44	--	5.56	--	--	4	
S-23	8:15:00 AM	9.31373	--	2.65	--	6.66	--	--	4	
S-24	8:12:00 AM	6.79	3.21	3.29	3.5	3.57	3.58	0.08	4	
S-25	8:15:00 AM	7.42	--	3.46	--	3.96	--	--	4	
S-26	8:12:00 AM	7.13	--	3.2	--	3.93	--	--	4	
S-27	8:06:00 AM	9.75	--	3.43	--	6.32	--	--	4	
S-29	8:29:00 AM	12.86	--	3.95	--	8.91	--	--	4	
S-30	8:43:00 AM	6.37	--	1.9	--	4.47	--	--	4	
S-33	8:23:00 AM	7.31	2.81	2.81	4.5	4.50	4.5	< 0.01	4	
S-35	8:43:00 AM	9.49	--	6.02	--	3.47	--	--	4	
S-36	8:00:00 AM	7.34	--	5.59	--	1.75	--	--	4	
S-37	8:15:00 AM	10.36	--	7.84	--	2.52	--	--	4	
S-38	8:12:00 AM	11.6	--	9.02	--	2.58	--	--	4	
S-39	8:15:00 AM	11.16	--	6.3	--	4.86	--	--	4	

Table 22. Summary of Shallow Aquifer Water-Level and Free-Product Thickness Data
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Average Free-Product Specific Gravity: 0.85

November 6, 2025										
Well Number	Time of Measurement	Elevation of Measuring Point (ft-amsl)	Depth to Free-Product (ft below measuring point)	Depth to Water (ft below measuring point)	Oil/Water Interface Elevation (ft-amsl)	Ground Water Elevation (ft-amsl)	Free-Product Elevation (ft-amsl)	Free-Product Thickness (ft)	Operable Unit (OU)	Notes
S-40	8:00:00 AM	10.79	--	6.29	--	4.50	--	--	4	
S-41	8:15:00 AM	12.93	--	8.14	--	4.79	--	--	4	
S-42	8:12:00 AM	12.15	--	10.84	--	1.31	--	--	4	
S-43	8:06:00 AM	12.14	10.87	10.87	1.27	1.27	1.27	< 0.01	4	
S-44	8:15:00 AM	9.52	--	6.72	--	2.80	--	--	4	
S-45	8:12:00 AM	10.63	--	8.84	--	1.79	--	--	4	
S-46	8:06:00 AM	9.62	--	6.52	--	3.10	--	--	4	1
S-47	8:29:00 AM	10.47	7.5	7.63	2.84	2.95	2.97	0.13	4	
S-48	8:43:00 AM	10.62	NM	NM	NM	NM	NM	NM	4	5
S-51	8:16:00 AM	7.68	--	2.99	--	4.69	--	--	4	
S-54	8:00:00 AM	9.76638	--	4.2	--	5.57	--	--	4	
S-55	8:15:00 AM	8.99484	2.69	2.69	6.30484	6.30	6.30484	< 0.01	4	
S-56R	8:12:00 AM	10.13	--	4.99	--	5.14	--	--	4	
S-57	8:15:00 AM	10.41165	--	4.02	--	6.39	--	--	4	
S-58	8:23:00 AM	10.14	--	5.88	--	4.26	--	--	4	
S-63	8:16:00 AM	10.09	--	5.95	--	4.14	--	--	4	
S-66	8:12:00 AM	9.93	--	3.37	--	6.56	--	--	4	
S-67	8:06:00 AM	7.23	NM	NM	NM	NM	NM	NM	4	5
S-68	8:12:00 AM	10.75	--	7.74	--	3.01	--	--	4	1
S-69	8:29:00 AM	9.4	NM	NM	NM	NM	NM	NM	4	5
S-70	8:00:00 AM	10.15	6.58	6.58	3.57	3.57	3.57	< 0.01	4	
S-73	8:12:00 AM	10.38	--	7.53	--	2.85	--	--	4	
S-74	8:15:00 AM	10.91	--	6.85	--	4.06	--	--	4	1
S-75	8:43:00 AM	11.81	--	4.52	--	7.29	--	--	4	
S-76	8:23:00 AM	10.4	--	3.24	--	7.16	--	--	4	
S-77	8:16:00 AM	11.27	--	4.07	--	7.20	--	--	4	
S-78	8:00:00 AM	10.7	--	3.61	--	7.09	--	--	4	
S-80	8:15:00 AM	10.228	--	4.55	--	5.68	--	--	4	
S-90	8:23:00 AM	10.37	--	8.28	--	2.09	--	--	6	
S-91	8:16:00 AM	10.81	--	7.46	--	3.35	--	--	6	
S-96	8:29:00 AM	4.93	--	2.7	--	2.23	--	--	1	
S-98	8:43:00 AM	6.41	--	3.7	--	2.71	--	--	1	
S-99	8:23:00 AM	6.54	--	4.85	--	1.69	--	--	1	
W-12	8:12:00 AM	10.31	--	3.3	--	7.01	--	--	4	
W-32	8:06:00 AM	8.71	--	3.16	--	5.55	--	--	4	
W-35	8:29:00 AM	5.81	--	1.36	--	4.45	--	--	4	
W-44	8:23:00 AM	10.49	--	7.74	--	2.75	--	--	4	
W-45	9:24:00 AM	12.06	--	8.87	--	3.19	--	--	4	
W-52	8:15:00 AM	8.67	--	6.49	--	2.18	--	--	4	
W-79	8:43:00 AM	9.02	--	4.83	--	4.19	--	--	4	

Notes

1. **BOLD** measurements were readings that were confirmed and potentially corrected following quality control / quality assurance review. These readings were misread at the well originally and the measurements above were verified during follow-up gauging.
2. Groundwater elevations corrected for the presence of free-product.
3. All monitoring wells resurveyed for horizontal and vertical coordinates in June 2001. Above table has been revised to show updated elevations.
4. Mean sea level referenced to North American Vertical Datum of 1988 NAVD 88.
5. Monitoring wells designated with an NM for groundwater elevation or free-product thickness were unable to be measured due to inaccessibility of the well (i.e., cars/trucks parked on top of well, well covered with debris, well flooded with storm water, and/or well could not be located).
6. Monitoring well was dry.

Table 23. Summary of Regional Aquifer Water-Level and Free-Product Thickness Data
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

November 6, 2025

Well Number	Time of Measurement	Elevation of Measuring Point (ft-amsl)	Free-Product Specific Gravity	Depth to Free-Product (ft below measuring point)	Depth to Water (ft below measuring point)	Oil/Water Interface Elevation (ft-amsl)	Ground Water Elevation (ft-amsl)	Free-Product Elevation (ft-amsl)	Apparent Free-Product Thickness (ft)	Corrected Free-Product Thickness (ft)	Notes
AGP-1	1:20:00 PM	16.91	0.90	--	DRY	--	--	--	--	--	
AGP-2	1:29:00 PM	20.42	0.90	--	DRY	--	--	--	--	--	
AGP-3	1:32:00 PM	19.62	0.79	--	DRY	--	--	--	--	--	
AGP-4	1:49:00 PM	19.72	0.79	--	DRY	--	--	--	--	--	
AGP-5	1:55:00 PM	18.75	0.79	--	DRY	--	--	--	--	--	
AGP-6	1:57:00 PM	19.62	0.79	--	DRY	--	--	--	--	--	
AGP-7	1:58:00 PM	20.72	0.79	--	DRY	--	--	--	--	--	
AGP-8	2:01:00 PM	20.68	--	--	5.87	--	14.81	--	--	--	
AMW-1	2:04:00 PM	21.38	0.79	--	21.27	--	0.11	--	--	--	
AMW-10	12:26:00 PM	15.38	0.86	15.81	21.6	-6.22	-1.24	-0.43	5.79	5.79	
AMW-12	12:13:00 PM	17.76	0.88	18.48	25.79	-8.03	-1.59	-0.72	7.31	7.31	
AMW-14	11:00:00 AM	17.63	0.90	NM	NM	NM	NM	NM	NM	NM	4
AMW-15	12:00:00 AM	19.00	0.90	--	11.4	--	7.60	--	--	--	
AMW-17	9:09:00 AM	19.21	0.88	--	18.22	--	0.99	--	--	--	1
AMW-18	12:56:00 PM	19.31	0.88	18.94	19.13	0.18	0.35	0.37	0.19	0.19	
AMW-19	1:05:00 PM	14.39	0.89	--	16.22	--	-1.83	--	--	--	
AMW-2	10:16:00 AM	18.08	0.88	20.24	20.97	-2.89	-2.25	-2.16	0.73	0.73	
AMW-20	10:07:00 AM	16.57	0.88	--	18.87	--	-2.30	--	--	--	
AMW-21	10:11:00 AM	18.17	0.79	20.52	21.04	-2.87	-2.46	-2.35	0.52	0.52	
AMW-22	1:54:00 PM	19.05	0.82	--	21.33	--	-2.28	--	--	--	
AMW-23	10:22:00 AM	17.71	0.85	19.85	20.63	-2.92	-2.26	-2.14	0.78	0.78	
AMW-24	1:35:00 PM	17.96	0.85	18.4	18.52	-0.56	-0.46	-0.44	0.12	0.12	
AMW-25	11:26:00 AM	13.93	0.89	15.67	16.39	-2.46	-1.82	-1.74	0.72	0.72	
AMW-3	9:53:00 AM	18.81	0.88	21.04	21.05	-2.24	-2.23	-2.23	0.01	0.01	
AMW-4	9:32:00 AM	16.10	0.82	--	18.89	--	-2.79	--	--	--	
AMW-5	9:11:00 AM	13.82	0.82	14.23	14.25	-0.43	-0.41	-0.41	0.02	0.02	
AMW-6	1:46:00 PM	18.85	0.79	19.47	20.18	-1.33	-0.77	-0.62	0.71	0.71	
AMW-7	1:23:00 PM	17.34	0.90	15.76	16.24	1.1	1.53	1.58	0.48	0.48	
AMW-8	1:00:00 PM	15.27	0.90	15.93	21.02	-5.75	-1.17	-0.66	5.09	5.09	
AMW-9	12:49:00 PM	16.61	0.86	15.37	15.96	0.65	1.16	1.24	0.59	0.59	
AOW-10	11:42:00 AM	11.60	0.89	11.04	11.12	0.48	0.55	0.56	0.08	0.08	
AOW-11	11:07:00 AM	14.49	0.89	15.93	18.49	-4	-1.72	-1.44	2.56	2.56	
AOW-1A	10:57:00 AM	12.69	0.89	--	6.24	--	6.45	--	--	--	
AOW-3	11:00:00 AM	13.41	0.89	12.24	12.76	0.65	1.11	1.17	0.52	0.52	
AOW-3A	9:27:00 AM	13.85	0.82	--	10	--	3.85	--	--	--	
AOW-4	10:28:00 AM	16.21	0.82	--	11.37	--	4.84	--	--	--	
AOW-6	1:07:00 PM	14.36	0.89	16.1	16.15	-1.79	-1.75	-1.74	0.05	0.05	
AOW-7	10:33:00 AM	16.17	0.89	--	17.19	--	-1.02	--	--	--	
AOW-8	9:47:00 AM	16.46	0.88	18.14	18.36	-1.9	-1.71	-1.68	0.22	0.22	
AOW-9	11:12:00 AM	15.57	0.88	17.22	17.94	-2.37	-1.74	-1.65	0.72	0.72	
ARW-1	1:41:00 PM	22.18	0.82	23.9	24.39	-2.21	-1.81	-1.72	0.49	0.49	
ARW-11	12:55:00 PM	19.78	0.86	27.09	27.36	-7.58	-7.35	-7.31	0.27	0.27	
ARW-12	12:18:00 PM	19.69	0.86	25.67	26.02	-6.33	-6.03	-5.98	0.35	0.35	
ARW-13	11:36:00 AM	14.65	0.89	21.87	29.34	-14.69	-8.04	-7.22	7.47	7.47	
ARW-14	1:26:00 PM	15.59	0.90	14.93	15.32	0.27	0.62	0.66	0.39	0.39	
ARW-2	11:33:00 AM	8.77	0.89	--	4.55	--	4.22	--	--	--	

Table 23. Summary of Regional Aquifer Water-Level and Free-Product Thickness Data
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

November 6, 2025

Well Number	Time of Measurement	Elevation of Measuring Point (ft-amsl)	Free-Product Specific Gravity	Depth to Free-Product (ft below measuring point)	Depth to Water (ft below measuring point)	Oil/Water Interface Elevation (ft-amsl)	Ground Water Elevation (ft-amsl)	Free-Product Elevation (ft-amsl)	Apparent Free-Product Thickness (ft)	Corrected Free-Product Thickness (ft)	Notes
ARW-3	12:31:00 PM	12.58	0.86	19.85	20.11	-7.53	-7.31	-7.27	0.26	0.26	
ARW-4	11:16:00 AM	19.24	0.87	21.81	21.97	-2.73	-2.59	-2.57	0.16	0.16	
ARW-5	9:59:00 AM	14.62	0.88	18.17	18.28	-3.66	-3.56	-3.55	0.11	0.11	
ARW-6	1:15:00 PM	11.67	0.89	15.16	15.58	-3.91	-3.54	-3.49	0.42	0.42	
ARW-7	12:43:00 PM	9.58	0.86	7.13	7.68	1.9	2.37	2.45	0.55	0.55	
ARW-8	9:18:00 AM	8.28	0.82	--	6.21	--	2.07	--	--	--	
ARW-9	9:38:00 AM	19.78	0.88	22.17	22.18	-2.4	-2.39	-2.39	0.01	0.01	
BA-1	9:06:00 AM	19.11	--	--	17.23	--	1.88	--	--	--	
CMW-1	6:55:00 AM	10.81	0.82	--	8.29	--	2.52	--	--	--	
CMW-10	8:55:00 AM	10.88	0.80	12.05	15.76	-4.88	-1.91	-1.17	3.71	3.71	
CMW-12	8:21:00 AM	21.36	0.80	23.05	23.66	-2.3	-1.81	-1.69	0.61	0.61	
CMW-13	9:33:00 AM	6.69	--	--	4.9	--	1.79	--	--	--	
CMW-14	9:31:00 AM	6.62	--	--	4.65	--	1.97	--	--	--	
CMW-15	10:31:00 AM	9.49	--	--	6.84	--	2.65	--	--	--	
CMW-16	10:21:00 AM	11.60	--	--	9.22	--	2.38	--	--	--	
CMW-17R	8:34:00 AM	11.73	--	--	9.8	--	1.93	--	--	--	
CMW-18	6:34:00 AM	21.22	0.80	23.22	23.63	-2.41	-2.08	-2	0.41	0.41	
CMW-19D	6:54:00 AM	21.36	--	--	23.21	--	-1.85	--	--	--	
CMW-19S	6:53:00 AM	21.45	0.83	--	22.06	--	-0.61	--	--	--	
CMW-2	12:00:00 AM	10.89	0.83	--	0	NM	NM	--	--	--	
CMW-20	12:00:00 AM	21.44	0.80	--	0	NM	NM	NM	NM	NM	
CMW-21	7:44:00 AM	13.34	0.82	--	10.01	--	3.33	--	--	--	
CMW-22	7:12:00 AM	13.25	0.82	14.75	14.97	-1.72	-1.54	-1.5	0.22	0.22	
CMW-23D	8:16:00 AM	9.10	--	--	8.52	--	0.58	--	--	--	
CMW-23S	8:13:00 AM	9.08	0.83	--	7.83	--	1.25	--	--	--	
CMW-24D	9:23:00 AM	10.93	--	--	12.53	--	-1.60	--	--	--	
CMW-24S	9:25:00 AM	10.92	--	--	12.57	--	-1.65	--	--	--	
CMW-25D	9:36:00 AM	5.87	--	--	6.39	--	-0.52	--	--	--	
CMW-25S	9:38:00 AM	6.14	--	--	4.47	--	1.67	--	--	--	
CMW-26	10:11:00 AM	22.73	--	--	24.1	--	-1.37	--	--	--	
CMW-27	12:00:00 AM	23.20	0.81	--	0	NM	NM	NM	NM	NM	
CMW-28	12:00:00 AM	10.96	--	--	0	NM	NM	NM	NM	NM	
CMW-29D	6:45:00 AM	10.90	--	--	11.71	--	-0.81	--	--	--	
CMW-29S	6:47:00 AM	10.88	--	--	9.72	--	1.16	--	--	--	
CMW-30	10:09:00 AM	23.35	0.80	--	24.94	--	-1.59	--	--	--	
CMW-31	10:06:00 AM	23.45	0.82	--	25.4	--	-1.95	--	--	--	
CMW-32	6:08:00 AM	10.99	0.92	--	9.83	--	1.16	--	--	--	
CMW-33	5:58:00 AM	10.91	0.86	9.45	10.99	-0.08	1.24	1.46	1.54	1.54	
CMW-34D	5:57:00 AM	21.19	--	--	22.74	--	-1.55	--	--	--	
CMW-34S	5:55:00 AM	21.11	0.80	--	19.71	--	1.40	--	--	--	
CMW-35	6:16:00 AM	17.08	0.81	18.82	20.81	-3.73	-2.12	-1.74	1.99	1.99	
CMW-36D	12:00:00 AM	21.51	0.80	--	0	NM	NM	NM	NM	NM	
CMW-36S	12:00:00 AM	21.31	0.80	--	0	NM	NM	NM	NM	NM	
CMW-37	6:23:00 AM	21.27	0.80	--	23.16	--	-1.89	--	--	--	
CMW-38	12:00:00 AM	21.15	0.81	--	0	NM	NM	NM	NM	NM	
CMW-39	7:35:00 AM	13.29	0.83	11.52	11.79	1.5	1.72	1.77	0.27	0.27	

Table 23. Summary of Regional Aquifer Water-Level and Free-Product Thickness Data
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

November 6, 2025

Well Number	Time of Measurement	Elevation of Measuring Point (ft-amsl)	Free-Product Specific Gravity	Depth to Free-Product (ft below measuring point)	Depth to Water (ft below measuring point)	Oil/Water Interface Elevation (ft-amsl)	Ground Water Elevation (ft-amsl)	Free-Product Elevation (ft-amsl)	Apparent Free-Product Thickness (ft)	Corrected Free-Product Thickness (ft)	Notes
CMW-4	6:36:00 AM	10.81	--	--	9.51	--	1.30	--	--	--	
CMW-40	12:00:00 AM	12.21	0.82	--	0	NM	NM	NM	NM	NM	
CMW-41D	10:15:00 AM	10.84	--	--	11.76	--	-0.92	--	--	--	
CMW-41S	10:13:00 AM	10.88	--	--	8.36	--	2.52	--	--	--	
CMW-42	8:36:00 AM	12.69	--	--	10.44	--	2.25	--	--	--	
CMW-43R	8:32:00 AM	12.27	0.83	--	DRY	--	--	--	--	--	
CMW-44	12:00:00 AM	20.25	0.80	--	0	NM	NM	NM	NM	NM	
CMW-45	6:29:00 AM	21.27	0.81	22.46	22.86	-1.59	-1.27	-1.19	0.4	0.4	
CMW-46	9:21:00 AM	10.33	--	--	12.03	--	-1.70	--	--	--	
CMW-47D	6:16:00 AM	10.81	0.79	--	12.45	--	-1.64	--	--	--	
CMW-47S	6:18:00 AM	10.74	--	--	12.41	--	-1.67	--	--	--	
CMW-49	9:51:00 AM	20.57	0.79	--	22.29	--	-1.72	--	--	--	
CMW-5	6:40:00 AM	10.89	--	--	12.02	--	-1.13	--	--	--	
CMW-50	9:57:00 AM	41.62	0.79	--	43.92	--	-2.30	--	--	--	
CMW-53R	7:52:00 AM	8.23	0.86	--	7.49	--	0.74	--	--	--	
CMW-54	8:53:00 AM	9.57	0.83	--	8.15	--	1.42	--	--	--	
CMW-56	8:44:00 AM	9.51	0.83	--	8.83	--	0.68	--	--	--	
CMW-57	10:00:00 AM	5.88	0.87	--	3.49	--	2.39	--	--	--	
CMW-58	10:05:00 AM	5.82	0.87	--	3.66	--	2.16	--	--	--	
CMW-59R	7:56:00 AM	8.12	0.86	--	7.09	--	1.03	--	--	--	
CMW-6	7:21:00 AM	10.99	0.80	--	12.75	--	-1.76	--	--	--	
CMW-60D	9:08:00 AM	10.86	0.80	12.54	12.59	-1.73	-1.69	-1.68	0.05	0.05	
CMW-60S	9:10:00 AM	10.80	0.80	--	DRY	--	--	--	--	--	
CMW-61S	NM	10.81	0.80	NM	NM	NM	NM	NM	NM	NM	
CMW-62D	6:09:00 AM	21.14	0.81	--	23.06	--	-1.92	--	--	--	
CMW-62S	6:10:00 AM	21.22	0.80	23.18	23.27	-2.05	-1.98	-1.96	0.09	0.09	
CMW-63R	8:03:00 AM	7.88	0.83	--	6.35	--	1.53	--	--	--	
CMW-64R	NM	9.30	0.83	NM	NM	NM	NM	NM	NM	NM	
CMW-67R	8:23:00 AM	8.31	0.82	--	NM	NM	NM	--	--	--	
CMW-68R	8:49:00 AM	8.92	0.82	--	8.13	--	0.79	--	--	--	
CMW-69R	9:01:00 AM	8.75	0.84	--	8.61	--	0.14	--	--	--	
CMW-70R	12:00:00 AM	8.72	--	--	NM	NM	NM	--	--	--	
CMW-71R	12:00:00 AM	5.36	--	--	NM	NM	NM	--	--	--	
CMW-73R	8:00:00 AM	7.79	--	--	6.76	--	1.03	--	--	--	
CMW-74R	12:00:00 AM	8.55	--	--	NM	NM	NM	--	--	--	
CMW-75R	12:00:00 AM	8.75	--	--	NM	NM	NM	--	--	--	
CMW-8	6:28:00 AM	10.88	0.89	9.28	9.83	1.05	1.54	1.6	0.55	0.55	
CMW-9	6:13:00 AM	10.96	0.81	--	9.58	--	1.38	--	--	--	
D-10	10:50:00 AM	11.90	0.85	14.47	14.73	-2.83	-2.61	-2.57	0.26	*	36
D-14	12:35:00 PM	14.99	0.84	19.52	22.8	-7.81	-5.05	-4.53	3.28	3.28	
D-16	9:06:00 AM	9.80	0.85	12.5	17	-7.2	-3.37	-2.7	4.5	*	36
D-18	10:10:00 AM	12.70	0.79	11.81	26.33	-13.63	-2.14	0.89	14.52	5.83	
D-2	9:35:00 AM	8.05	0.87	9.71	11.03	-2.98	-1.83	-1.66	1.32	*	36
D-20	12:31:00 PM	18.09	--	--	12.07	--	6.02	--	--	--	
D-21	8:13:00 AM	8.97	--	--	9.48	--	-0.51	--	--	--	
D-3	9:40:00 AM	15.99	0.86	17.61	22.67	-6.68	-2.33	-1.62	5.06	0.76	1

Table 23. Summary of Regional Aquifer Water-Level and Free-Product Thickness Data
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

November 6, 2025

Well Number	Time of Measurement	Elevation of Measuring Point (ft-amsl)	Free-Product Specific Gravity	Depth to Free-Product (ft below measuring point)	Depth to Water (ft below measuring point)	Oil/Water Interface Elevation (ft-amsl)	Ground Water Elevation (ft-amsl)	Free-Product Elevation (ft-amsl)	Apparent Free-Product Thickness (ft)	Corrected Free-Product Thickness (ft)	Notes
D-32	9:39:00 AM	11.56	0.87	--	12.45	--	-0.89	--	--	--	
D-33	9:13:00 AM	10.91	0.85	14.58	16.05	-5.14	-3.90	-3.67	1.47	*	36
D-34	9:09:00 AM	10.04	0.80	12.79	14.1	-4.06	-3.01	-2.75	1.31	*	36
D-35	11:02:00 AM	10.40	--	--	11.86	--	-1.46	--	--	--	
D-4	9:54:00 AM	12.91	--	NM	NM	NM	NM	NM	NM	NM	4
D-40	10:43:00 AM	11.28	0.84	12.14	14.04	-2.76	-1.16	-0.86	1.9	*	36
D-41	9:52:00 AM	13.37	0.85	15.79	15.87	-2.5	-2.43	-2.42	0.08	*	36
D-42	9:59:00 AM	14.31	0.85	14.55	14.57	-0.26	-0.24	-0.24	0.02	*	36
D-43	8:22:00 AM	10.99	0.85	--	10.27	--	0.72	--	--	--	
D-44	12:41:00 PM	12.93	0.85	16.67	23.72	-10.79	-4.80	-3.74	7.05	5.04	
D-45	8:04:00 AM	12.29	0.85	14.54	24.58	-12.29	-3.75	-2.25	10.04	3.42	
D-46	7:55:00 AM	12.50	0.87	14.93	21.98	-9.48	-3.35	-2.43	7.05	*	
D-49	10:22:00 AM	15.43	0.81	--	14.85	--	0.58	--	--	--	
D-5	9:11:00 AM	12.78	0.81	--	15.6	--	-2.82	--	--	--	
D-50R	7:40:00 AM	10.57	0.87	--	11.46	--	-0.89	--	--	--	
D-51	9:07:00 AM	7.33	0.85	--	7.4	--	-0.07	--	--	--	
D-51I	8:18:00 AM	7.09	--	--	7.29	--	-0.20	--	--	--	
D-52	NM	9.61	0.80	NM	NM	NM	NM	NM	NM	NM	4
D-53	8:01:00 AM	8.96	0.85	--	9.81	--	-0.85	--	--	--	
D-55	7:53:00 AM	9.25	0.85	--	10.2	--	-0.95	--	--	--	
D-55I	7:52:00 AM	9.02	--	--	9.88	--	-0.86	--	--	--	
D-57	10:53:00 AM	10.30	0.85	--	11.81	--	-1.51	--	--	--	
D-58	12:00:00 AM	10.20	--	NM	NM	NM	NM	NM	NM	NM	
D-6	8:13:00 AM	6.52	0.85	--	6.38	--	0.14	--	--	--	
D-60	7:53:00 AM	9.16	--	--	11.3	--	-2.14	--	--	--	
D-61	12:49:00 PM	11.24	--	--	10.51	--	0.73	--	--	--	
D-63	8:17:00 AM	10.09	--	--	10.66	--	-0.57	--	--	--	
D-63I	8:15:00 AM	9.70	0.89	9.97	9.98	-0.28	-0.27	-0.27	0.01	*	36
D-64	NM	10.31	--	NM	NM	NM	NM	NM	NM	NM	4
D-65	2:41:00 PM	10.96	--	--	11.08	--	-0.12	--	--	--	
D-67	8:06:00 AM	7.85	0.86	--	7.42	--	0.43	--	--	--	
D-68	NM	11.21	0.85	NM	NM	NM	NM	NM	NM	NM	
D-68I	2:46:00 PM	10.95	--	--	9.49	--	1.46	--	--	--	
D-7	8:39:00 AM	8.99	0.89	9.31	11.05	-2.06	-0.51	-0.32	1.74	*	36
D-70	8:20:00 AM	10.68	0.85	--	6.2	--	4.48	--	--	--	
D-71	8:30:00 AM	9.56	--	--	12.42	--	-2.86	--	--	--	
D-73	7:43:00 AM	10.34	--	--	13.95	--	-3.61	--	--	--	
D-74	8:11:00 AM	11.02	0.85	15.48	16.35	-5.33	-4.59	-4.46	0.87	*	1, 36
D-75	10:34:00 AM	11.97	0.83	12.59	13.07	-1.1	-0.70	-0.62	0.48	*	36
D-75R	10:30:00 AM	11.07	0.83	11.38	11.5	-0.43	-0.33	-0.31	0.12	*	36
D-76	10:26:00 AM	10.08	0.83	11.6	11.69	-1.61	-1.54	-1.52	0.09	*	36
D-77	10:14:00 AM	10.93	0.83	13.04	13.07	-2.14	-2.12	-2.11	0.03	*	36
D-78	10:18:00 AM	10.24	0.80	14.32	14.38	-4.14	-4.09	-4.08	0.06	*	1, 36
D-79	10:07:00 AM	12.02	0.85	--	13.92	--	-1.90	--	--	--	
D-8	10:16:00 AM	12.98	0.88	13.86	13.86	-0.88	-0.88	-0.88	< 0.01	*	36
D-85I	8:16:00 AM	6.86	--	--	7.79	--	-0.93	--	--	--	

Table 23. Summary of Regional Aquifer Water-Level and Free-Product Thickness Data
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

November 6, 2025

Well Number	Time of Measurement	Elevation of Measuring Point (ft-amsl)	Free-Product Specific Gravity	Depth to Free-Product (ft below measuring point)	Depth to Water (ft below measuring point)	Oil/Water Interface Elevation (ft-amsl)	Ground Water Elevation (ft-amsl)	Free-Product Elevation (ft-amsl)	Apparent Free-Product Thickness (ft)	Corrected Free-Product Thickness (ft)	Notes
D-86I	12:16:00 PM	8.57	--	--	9.38	--	-0.81	--	--	--	
D-87I	7:49:00 AM	11.09	--	--	12.58	--	-1.49	--	--	--	
D-88I	NM	11.70	--	NM	NM	NM	NM	NM	NM	NM	
D-89	9:50:00 AM	7.39	--	--	11.2	--	-3.81	--	--	--	
D-89I	9:52:00 AM	7.82	--	NM	NM	NM	NM	NM	NM	NM	4
D-90	9:40:00 AM	10.48	--	--	8.9	--	1.58	--	--	--	
D-90I	9:43:00 AM	10.57	--	--	7.77	--	2.80	--	--	--	
D-91	10:00:00 AM	10.47	--	--	7.94	--	2.53	--	--	--	
D-91I	10:01:00 AM	11.57	--	--	7.92	--	3.65	--	--	--	
D-96	9:43:00 AM	4.59	0.75	--	2.85	--	1.74	--	--	--	4
D-98	9:50:00 AM	6.41	--	--	5.55	--	0.86	--	--	--	
D-99	8:25:00 AM	6.45	--	--	6.21	--	0.24	--	--	--	
D-99I	8:26:00 AM	6.63	--	--	5.94	--	0.69	--	--	--	
DEC-002	NM	25.58	--	NM	NM	NM	NM	NM	NM	NM	4
DEC-017	8:42:00 AM	51.19	--	--	50.01	--	1.18	--	--	--	
DEC-023	8:06:00 AM	18.07	--	--	15.15	--	2.92	--	--	--	
DEC-026	8:51:00 AM	48.31	--	--	45.91	--	2.40	--	--	--	
DEC-034	7:58:00 AM	19.42	0.83	17.96	18.92	0.499	1.30	1.459	0.96	0.96	
DEC-054	8:12:00 AM	18.00	0.83	--	16.89	--	1.11	--	--	--	
DEC-055	NM	18.39	--	NM	NM	NM	NM	NM	NM	NM	4
DEC-056	8:10:00 AM	17.76	--	--	15.93	--	1.83	--	--	--	
DEC-058	8:21:00 AM	18.72	0.83	--	17.51	--	1.21	--	--	--	
DEC-059	8:03:00 AM	18.70	--	--	15.91	--	2.79	--	--	--	
DEC-062	12:00:00 AM	22.90	--	NM	NM	NM	NM	NM	NM	NM	
DM-1	8:36:00 AM	6.59	0.89	8.22	9.73	-3.14	-1.79	-1.63	1.51	*	36
DM-7	8:46:00 AM	9.94	0.86	9.72	9.89	0.05	0.20	0.22	0.17	*	36
JE-1	11:09:00 AM	17.01	0.91	--	7.43	--	9.58	--	--	--	
JE-2	11:14:00 AM	18.36	0.90	16.41	16.63	1.73	1.93	1.95	0.22	0.22	
KNWD-1	8:50:00 AM	9.55	--	--	10.04	--	-0.49	--	--	--	
KNWD-2	8:56:00 AM	9.07	--	--	8.6	--	0.47	--	--	--	
KNWD-3	9:04:00 AM	10.22	--	--	10.4	--	-0.19	--	--	--	
MW-1	9:44:00 AM	11.46	--	--	8.72	--	2.74	--	--	--	
MW-105	9:54:00 AM	19.24	0.79	--	21.75	--	-2.51	--	--	--	
MW-106	9:56:00 AM	19.28	0.79	--	21.63	--	-2.35	--	--	--	
MW-107	9:57:00 AM	15.09	0.82	--	14.03	--	1.06	--	--	--	
MW-109	8:57:00 AM	18.58	0.95	--	13.44	--	5.14	--	--	--	
MW-110	11:10:00 AM	16.52	0.91	--	6.94	--	9.58	--	--	--	
MW-111	2:05:00 PM	14.72	0.81	--	14.01	--	0.71	--	--	--	
MW-112	2:01:00 PM	15.56	0.81	--	14.97	--	0.59	--	--	--	
MW-113	1:56:00 PM	16.69	0.82	--	17.11	--	-0.42	--	--	--	
MW-115	1:27:00 PM	11.59	0.81	--	11.25	--	0.34	--	--	--	
MW-116	1:27:00 PM	13.21	0.81	NM	NM	NM	NM	NM	NM	NM	4
MW-117	1:32:00 PM	15.69	0.82	NM	NM	NM	NM	NM	NM	NM	4

Table 23. Summary of Regional Aquifer Water-Level and Free-Product Thickness Data
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

November 6, 2025

Well Number	Time of Measurement	Elevation of Measuring Point (ft-amsl)	Free-Product Specific Gravity	Depth to Free-Product (ft below measuring point)	Depth to Water (ft below measuring point)	Oil/Water Interface Elevation (ft-amsl)	Ground Water Elevation (ft-amsl)	Free-Product Elevation (ft-amsl)	Apparent Free-Product Thickness (ft)	Corrected Free-Product Thickness (ft)	Notes
MW-118	10:10:00 AM	12.60	0.81	NM	NM	NM	NM	NM	NM	NM	
MW-119	2:00:00 PM	16.88	0.83	--	17.2	--	-0.32	--	--	--	
MW-120	2:07:00 PM	13.03	0.81	--	12.18	--	0.85	--	--	--	
MW-121	8:40:00 AM	13.93	0.84	16.53	16.53	-2.6025	-2.60	-2.6025	< 0.01	< 0.01	
MW-122	8:38:00 AM	13.02	0.84	--	16.8	--	-3.78	--	--	--	
MW-123	8:47:00 AM	16.81	--	--	15.15	--	1.66	--	--	--	
MW-124	8:29:00 AM	20.57	0.81	--	20.64	--	-0.07	--	--	--	
MW-124I	8:27:00 AM	20.97	--	--	23.06	--	-2.09	--	--	--	
MW-125	9:35:00 AM	10.60	--	--	8.76	--	1.84	--	--	--	
MW-126	9:30:00 AM	13.15	--	--	8.73	--	4.42	--	--	--	
MW-12R	9:31:00 AM	38.89	--	--	41.6	--	-2.71	--	--	--	
MW-130	10:07:00 AM	10.57	--	--	6.01	--	4.56	--	--	--	
MW-130I	10:07:00 AM	10.20	--	--	7.7	--	2.50	--	--	--	
MW-131	8:39:00 AM	26.95	--	--	25.65	--	1.30	--	--	--	
MW-131I	8:49:00 AM	26.79	--	--	25.85	--	0.94	--	--	--	
MW-132	8:55:00 AM	31.34	--	--	24.2	--	7.14	--	--	--	
MW-132I	8:57:00 AM	30.88	--	--	24.9	--	5.98	--	--	--	
MW-133I	9:28:00 AM	21.13	--	--	23.83	--	-2.70	--	--	--	
MW-134I	12:00:00 AM	33.34	--	--	35.68	--	-2.34	--	--	--	1
MW-135I	9:48:00 AM	14.04	--	--	13.17	--	0.87	--	--	--	
MW-136	1:36:00 PM	12.66	--	--	11.21	--	1.45	--	--	--	1
MW-136I	1:26:00 PM	13.33	--	--	11.54	--	1.79	--	--	--	4
MW-139I	12:00:00 AM	18.17	0.88	NM	NM	NM	NM	NM	NM	NM	4
MW-14	8:26:00 AM	28.25	0.79	--	27.52	--	0.73	--	--	--	
MW-140IR	10:15:00 AM	16.98	0.83	--	15.4	--	1.58	--	--	--	
MW-141	7:54:00 AM	47.22	--	--	47.35	--	-0.13	--	--	--	
MW-15	9:09:00 AM	45.98	0.79	48.8	49.15	-3.17	-2.90	-2.82	0.35	0.35	1
MW-19	12:00:00 AM	36.85	--	--	19.82	--	17.03	--	--	--	
MW-2	9:35:00 AM	6.38	0.92	--	7.04	--	-0.66	--	--	--	
MW-20	8:20:00 AM	29.83	--	--	18.25	--	11.58	--	--	--	1
MW-22	1:53:00 PM	17.98	0.83	--	17.78	--	0.20	--	--	--	1
MW-23	1:52:00 PM	20.45	0.92	--	20.05	--	0.40	--	--	--	1
MW-24	1:56:00 PM	16.16	0.83	--	15.99	--	0.17	--	--	--	1
MW-25	1:58:00 PM	15.37	0.83	16.22	16.24	-0.87	-0.85	-0.85	0.02	0.02	
MW-26	9:32:00 AM	20.18	--	--	22.62	--	-2.44	--	--	--	
MW-27	9:41:00 AM	23.01	--	--	19.2	--	3.81	--	--	--	
MW-28	9:13:00 AM	30.00	0.80	--	31.79	--	-1.79	--	--	--	
MW-29	9:36:00 AM	16.73	0.82	--	17.55	--	-0.82	--	--	--	1
MW-3	9:53:00 AM	14.39	0.81	--	15.14	--	-0.75	--	--	--	
MW-31	9:20:00 AM	39.07	0.80	41.15	41.6	-2.53	-2.17	-2.08	0.45	0.45	
MW-32	9:47:00 AM	17.87	0.88	19.6	21.05	-3.18	-1.90	-1.73	1.45	1.45	
MW-33	10:00:00 AM	19.62	0.79	--	22.1	--	-2.48	--	--	--	
MW-34	12:00:00 AM	23.86	0.80	25.72	25.77	-1.91	-1.87	-1.86	0.05	0.05	
MW-35	8:44:00 AM	20.40	0.81	21.3	21.88	-1.48	-1.01	-0.9	0.58	0.58	
MW-36	9:08:00 AM	41.50	0.81	--	43.58	--	-2.08	--	--	--	
MW-37	9:27:00 AM	37.06	0.79	39.5	39.85	-2.79	-2.51	-2.44	0.35	0.35	1

Table 23. Summary of Regional Aquifer Water-Level and Free-Product Thickness Data
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

November 6, 2025

Well Number	Time of Measurement	Elevation of Measuring Point (ft-amsl)	Free-Product Specific Gravity	Depth to Free-Product (ft below measuring point)	Depth to Water (ft below measuring point)	Oil/Water Interface Elevation (ft-amsl)	Ground Water Elevation (ft-amsl)	Free-Product Elevation (ft-amsl)	Apparent Free-Product Thickness (ft)	Corrected Free-Product Thickness (ft)	Notes
MW-38R	9:19:00 AM	35.55	--	NM	NM	NM	NM	NM	NM	NM	4
MW-39	9:34:00 AM	45.80	0.80	48.7	48.9	-3.1	-2.94	-2.9	0.2	0.2	1
MW-40	10:05:00 AM	25.28	0.80	--	27.25	--	-1.97	--	--	--	
MW-41	9:15:00 AM	18.81	0.88	18.66	19.11	-0.3	0.10	0.15	0.45	0.45	
MW-42	10:44:00 AM	17.81	0.89	NM	NM	NM	NM	NM	NM	NM	4
MW-43R	12:00:00 AM	18.22	0.94	--	6.5	--	11.72	--	--	--	
MW-44	10:35:00 AM	17.24	0.88	--	3.96	--	13.28	--	--	--	
MW-45	10:08:00 AM	17.91	0.83	--	15.72	--	2.19	--	--	--	1
MW-46	10:52:00 AM	17.24	0.83	11.44	11.52	5.72	5.79	5.8	0.08	0.08	
MW-47R	10:28:00 AM	17.75	0.93	--	16.36	--	1.39	--	--	--	
MW-49	10:18:00 AM	15.25	0.81	12.08	15.33	-0.08	2.55	3.17	3.25	*	36
MW-5	9:30:00 AM	21.71	0.82	--	24.17	--	-2.46	--	--	--	
MW-50D	10:17:00 AM	15.27	0.83	--	15.2	--	0.07	--	--	--	
MW-51	10:14:00 AM	15.80	0.86	16.09	27.56	-11.76	-1.84	-0.29	11.47	2.05	
MW-52	10:09:00 AM	15.96	0.87	10.87	10.95	5.01	5.08	5.09	0.08	*	36
MW-53	10:04:00 AM	16.57	0.88	16.76	17.11	-0.54	-0.23	-0.19	0.35	*	36
MW-54	9:58:00 AM	17.77	0.94	--	9.75	--	8.02	--	--	--	
MW-56	9:41:00 AM	11.80	0.80	--	13.2	--	-1.40	--	--	--	
MW-57	9:52:00 AM	19.53	0.80	--	22.05	--	-2.52	--	--	--	
MW-58	9:24:00 AM	21.01	0.81	23.41	23.8	-2.79	-2.47	-2.4	0.39	0.39	
MW-59	9:25:00 AM	22.27	0.80	--	24.4	--	-2.13	--	--	--	
MW-60	2:26:00 PM	17.06	0.83	--	18.03	--	-0.97	--	--	--	
MW-61	NM	21.10	0.79	--	22.33	--	-1.23	--	--	--	
MW-62	10:32:00 AM	12.81	--	--	11.79	--	1.02	--	--	--	
MW-63	10:16:00 AM	9.93	--	--	7.92	--	2.01	--	--	--	
MW-64	9:24:00 AM	6.32	--	--	6.7	--	-0.38	--	--	--	
MW-66	9:41:00 AM	5.32	--	--	3.31	--	2.01	--	--	--	
MW-67	9:45:00 AM	5.23	0.85	--	3.1	--	2.13	--	--	--	
MW-68R	12:00:00 AM	5.56	0.85	--	NM	NM	NM	--	--	--	
MW-69	10:05:00 AM	5.65	0.86	--	4	--	1.65	--	--	--	
MW-7	8:27:00 AM	25.10	0.83	--	26.34	--	-1.24	--	--	--	
MW-70R	10:42:00 AM	4.76	0.88	--	2.52	--	2.24	--	--	--	
MW-72	8:05:00 AM	9.06	0.88	--	8.16	--	0.90	--	--	--	
MW-73R	12:00:00 AM	7.86	0.82	--	NM	NM	NM	--	--	--	
MW-74R	8:51:00 AM	8.42	0.82	--	7.09	--	1.33	--	--	--	
MW-75R	12:00:00 AM	8.80	0.84	--	NM	NM	NM	--	--	--	
MW-76	12:00:00 AM	9.03	0.89	--	NM	NM	NM	--	--	--	
MW-77	9:17:00 AM	8.98	0.82	--	8.51	--	0.47	--	--	--	
MW-78	9:28:00 AM	11.12	0.80	--	13.34	--	-2.22	--	--	--	
MW-79	12:00:00 AM	17.85	0.84	--	14.78	--	3.07	--	--	--	
MW-80	12:57:00 PM	18.28	0.90	--	15.4	--	2.88	--	--	--	4
MW-81	12:00:00 AM	18.92	--	--	16.52	--	2.40	--	--	--	
MW-82	10:39:00 AM	17.63	0.88	--	13.25	--	4.38	--	--	--	
MW-83	10:48:00 AM	20.37	0.85	--	17.56	--	2.81	--	--	--	
MW-85	10:02:00 AM	18.70	0.83	--	17.63	--	1.07	--	--	--	
MW-87	10:11:00 AM	17.53	--	--	9.87	--	7.66	--	--	--	

Table 23. Summary of Regional Aquifer Water-Level and Free-Product Thickness Data
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

November 6, 2025

Well Number	Time of Measurement	Elevation of Measuring Point (ft-amsl)	Free-Product Specific Gravity	Depth to Free-Product (ft below measuring point)	Depth to Water (ft below measuring point)	Oil/Water Interface Elevation (ft-amsl)	Ground Water Elevation (ft-amsl)	Free-Product Elevation (ft-amsl)	Apparent Free-Product Thickness (ft)	Corrected Free-Product Thickness (ft)	Notes
MW-88D	9:38:00 AM	11.15	--	--	12.44	--	-1.29	--	--	--	
MW-88S	9:40:00 AM	11.29	--	--	9.54	--	1.75	--	--	--	
MW-89	12:00:00 AM	17.94	0.85	17.42	18.16	-0.22	0.41	0.52	0.74	0.74	
MW-9	NM	24.40	0.81	25.03	25.03	-0.63	-0.63	-0.63	< 0.01	< 0.01	
MW-90	12:00:00 AM	30.63	0.79	NM	NM	NM	NM	NM	NM	NM	4
MW-91	9:10:00 AM	36.58	--	--	34.3	--	2.28	--	--	--	
MW-92	8:31:00 AM	25.23	--	--	22.88	--	2.35	--	--	--	
MW-95	8:36:00 AM	23.37	0.79	--	23.05	--	0.32	--	--	--	
MW-97	9:06:00 AM	29.09	0.81	--	29.3	--	-0.21	--	--	--	
MW-99	1:55:00 PM	22.06	0.83	--	22.67	--	-0.61	--	--	--	
NC-1 (AM)	9:21:00 AM	7.77	--	--	5.3	--	2.47	--	--	--	
NC-1 (PM)	3:38:00 PM	7.77	--	--	11.86	--	-4.10	--	--	--	
NC-2 (AM)	9:26:00 AM	17.07	--	--	14.46	--	2.61	--	--	--	
NC-2 (PM)	3:38:00 PM	17.07	--	--	21.05	--	-3.98	--	--	--	
PW-2R	8:10:00 AM	8.22	0.83	--	6.92	--	1.30	--	--	--	
RIMW-01	7:26:00 AM	13.36	0.83	12.76	13.86	-0.5	0.41	0.6	1.1	1.1	
RIMW-02	7:20:00 AM	13.31	0.83	--	12.72	--	0.59	--	--	--	
RW-14	7:47:00 AM	9.68	0.86	--	34.82	--	-25.14	--	--	--	
RW-16	7:33:00 AM	8.11	0.81	34.15	34.7	-26.59	-26.14	-26.04	0.55	0.55	
RW-17	8:21:00 AM	16.21	0.88	27.8	31.7	-15.49	-12.06	-11.59	3.9	3.9	
RW-18	10:07:00 AM	13.57	0.83	27.4	30.75	-17.18	-14.40	-13.83	3.35	3.35	
RW-20A	NM	12.39	0.84	--	9.84	--	2.55	--	--	--	
RW-20B	NM	10.40	0.86	15.63	15.94	-5.54	-5.27	-5.23	0.31	*	36
RW-20C	7:59:00 AM	14.12	0.85	27.45	28.45	-14.33	-13.48	-13.33	1	1	
RW-21	8:30:00 AM	22.83	0.79	28.18	29.3	-6.47	-5.59	-5.35	1.12	1.12	
RW-23	NM	38.62	0.79	NM	NM	NM	NM	NM	NM	NM	4, 38
RW-24P	8:59:00 AM	42.61	0.78	44	46.78	-4.17	-2.00	-1.39	2.78	2.78	
RW-24W	8:59:00 AM	42.51	0.78	--	49.83	--	-7.32	--	--	--	
RW-25	8:39:00 AM	19.11	0.81	23.3	24.68	-5.57	-4.45	-4.19	1.38	1.38	
RW-27P	NM	14.79	0.80	NM	NM	NM	NM	NM	NM	NM	4, 37
RW-27W	NM	14.45	--	NM	NM	NM	NM	NM	NM	NM	4, 37
RW-28	8:10:00 AM	14.96	0.83	--	24	--	-9.04	--	--	--	
RW-29	7:40:00 AM	8.44	0.83	34.31	34.33	-25.89	-25.87	-25.87	0.02	0.02	
RW-A	8:49:00 AM	44.29	0.81	56.15	56.87	-12.58	-12.00	-11.86	0.72	0.72	
RW-C	9:44:00 AM	28.31	0.81	32.3	32.75	-4.4375	-4.07	-3.9875	0.45	0.45	
RW-D	9:16:00 AM	21.74	0.80	--	28	--	-6.26	--	--	--	
RW-F	9:33:00 AM	16.12	0.83	--	25	--	-8.88	--	--	--	
RW-G	NM	14.68	0.81	NM	NM	NM	NM	NM	NM	NM	
RW-H	9:08:00 AM	24.34	0.79	29.4	30	-5.66	-5.19	-5.06	0.6	0.6	
RW-I	NM	26.44	0.80	NM	NM	NM	NM	NM	NM	NM	4, 39
RW-K	9:54:00 AM	36.30	0.79	44.61	44.66	-8.36	-8.32	-8.31	0.05	0.05	
RW-L	9:57:00 AM	43.33	0.80	--	52.09	--	-8.76	--	--	--	
RW-M	9:25:00 AM	13.24	0.82	--	17.9	--	-4.66	--	--	--	
TRW-16R	8:08:00 AM	7.95	--	--	7.81	--	0.14	--	--	--	
TRW-20	NM	12.56	0.85	17.37	29.78	-17.22	-6.67	-4.81	12.41	12.41	
TRW-28	10:07:00 AM	17.92	0.83	--	17.02	--	0.90	--	--	--	
TRW-29	9:16:00 AM	10.69	0.83	14.9	15.72	-5.03	-4.35	-4.21	0.82	*	36
TRW-29R	10:02:00 AM	12.58	0.83	14.27	14.58	-2	-1.74	-1.69	0.31	0	
TRW-30	12:21:00 PM	8.92	--	--	10.67	--	-1.75	--	--	--	
TRW-M	NM	16.01	0.82	--	16.76	--	-0.75	--	--	--	

Table 23. Summary of Regional Aquifer Water-Level and Free-Product Thickness Data
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

November 6, 2025

Well Number	Time of Measurement	Elevation of Measuring Point (ft-amsl)	Free-Product Specific Gravity	Depth to Free-Product (ft below measuring point)	Depth to Water (ft below measuring point)	Oil/Water Interface Elevation (ft-amsl)	Ground Water Elevation (ft-amsl)	Free-Product Elevation (ft-amsl)	Apparent Free-Product Thickness (ft)	Corrected Free-Product Thickness (ft)	Notes

Notes

1. BOLD measurements were readings that were confirmed and potentially corrected following quality control / quality assurance review. These readings were misread at the well originally and the measurements above were verified during follow-up gauging.
2. All monitoring wells resurveyed for horizontal and vertical coordinates in June 2001 and subsequently re-surveyed, as needed. The above table has been revised to show updated elevations.
3. Elevations are based on North American Vertical Datum of 1988 NAVD 88.
4. Monitoring wells designated with an NM for groundwater elevation or free-product thickness were unable to be measured due to inaccessibility of the well (i.e., cars/trucks parked on top of well, well covered with debris or water and/or well could not be located).
5. Monitoring wells D-2 through D-15 were installed by Leggette, Brashears & Graham, Inc. from April 1981 through June 1981.
6. Monitoring wells D-16 through D-20 were installed by Leggette, Brashears & Graham, Inc. from March 1982 through April 1982.
7. Monitoring wells D-21 through D-22 were installed by Leggette, Brashears & Graham, Inc. August 1989.
8. Monitoring wells D-30 through D-35 were installed by Leggette, Brashears & Graham, Inc. from May 2000 through June 2000.
9. Monitoring wells MW-1 through MW-21 were installed by Roux Associates, Inc. from December 1990 through January 1991.
10. Monitoring wells MW-22 through MW-25 were installed by Roux Associates, Inc. in July 1991.
11. Monitoring wells MW-26 through MW-29 were installed by Roux Associates, Inc. on April 2-4, 1996.
12. Monitoring wells MW-30 and MW-31 were installed on September 19, 1997 and October 3, 1997, respectively, by Roux Associates, Inc.
13. Monitoring wells MW-32 through MW-39 were installed on June 25, 2001 through July 11, 2001 by Roux Associates, Inc.
14. NYCDEP monitoring wells were installed by Malcolm Pirnie from March 2001 through July 2001.
15. Monitoring wells D-40 through D-47, MW-40 through MW-49, MW-50s, MW-50D, and MW-51 through MW-54 were installed by Roux Associates, Inc. from November 2002 through January 2003.
16. Monitoring wells D-48 through D-50, and MW-55 were installed by Roux Associates, Inc. in September 2003.
17. Monitoring wells MW-56 through MW-78 were installed by Roux Associates, Inc. in October 2004.
18. Monitoring wells MW-79 through MW-89 and MW-91 were installed by Roux Associates, Inc. in 2006.
19. Monitoring wells D-51 through D-57 were installed by Roux Associates, Inc. in 2007.
20. Monitoring wells MW-80 and MW-92 through MW-100 were installed by Roux Associates, Inc. in 2007.
21. Monitoring wells D-58 through D-68 were installed by Roux Associates, Inc. from September 2007 through June 2008.
22. Monitoring wells MW-101 through MW-119 were installed by Roux Associates, Inc. from September 2007 through April 2009.
23. Monitoring wells D-70 through D-74 were installed by Roux Associates, Inc. from September 2009 through October 2009.
24. Monitoring wells D-75 through D-79 and MW-120 through MW-129 were installed by Roux Associates, Inc. from October 2010 through October 2011.
25. Monitoring wells D-85 through D-99 and MW-130 through MW-138 were installed by Roux Associates, Inc from October 2012 through March 2013.
26. Monitoring well MW-141 was installed by Roux Associates in September 2021.
27. Monitoring wells MW-12R and MW-38R were installed by Roux in October 2021.
28. Monitoring wells MW-43, MW-47, and MW-140I were destroyed during third party construction activities and were subsequently reinstalled in July 2022 by Roux as MW-43R, MW-47R, and MW-140IR, respectively.
29. The designation of former Meeker Avenue Task Force RW-2 was changed to RW-G when the recovery well was incorporated into the Off-Site Free-Product Recovery System.
30. Groundwater elevations have been corrected, where necessary, for the presence of free-product using the specific gravities shown.
31. Free-product present in the regional aquifer beneath the former Mobil Brooklyn terminal appears to exist under confined conditions, resulting in increased monitoring well free-product thicknesses that appear exaggerated with regards to the actual amount of potential free-product present. For this reason, free-product thickness measurements and contours shown within the bounds of the former Mobil Brooklyn terminal should only be considered a general indicator of pressure distribution within the free-product phase and should not be used to determine free-product volume or migration characteristics.
32. RCS recovery wells RW-14, RW-16, RW-17, RW-18, RW-20, RW-21, RW-24, RW-25, RW-28, and RW-29 were operating at 32, 9, 70, 9, 3, 55, 14, 76, 14, and 2 gpm, respectively.
33. ORS recovery wells RW-A, RW-C, RW-D, RW-F, RW-H, RW-K, RW-L, and RW-M were operating at 34, 62, 22, 33, 35, 77, 30, and 5 gpm, respectively.
34. NC-1 and NC-2 are surface water level monitoring stations on Newtown Creek. NC-1 is located within the former Mobil Brooklyn Terminal and NC-2 is located at the end of Meeker Avenue.
35. Monitoring well was dry.
36. Asterisk indicates that corrected free-product thickness could not be calculated at the well location.
37. RW-23 was shut down in Febraury 2025 and will be decomissioned in April 2025
38. RW-23 was shut down and decommissioned April 2025
39. RW-I was temporary shut down in July 2025 due to construction for the new product recovery system at 38 Varick Street.

Table 24. Summary of Site-Wide Natural Source Zone Depletion Monitoring Data
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

		Approximate LNAPL Degradation Rates (gallons/[acre*year])							
Date	**Location**	**1**	**2**	**3**	**4**	**A**	**B**	**C**	**D**
Dec 2015	**Traps**	22	19	106	146	NM	NM	NM	NM
	LI-COR	14	38	223	436	389	153	22	173
Apr 2016	**Traps**	102	128	567	116	NM	NM	NM	NM
	LI-COR	134	182	540	231	363	397	495	321
Jul 2016	**Traps**	453	637	342	270	NM	NM	NM	NM
	LI-COR	446	998	804	459	1,860	552	77	482
Oct 2016	**Traps**	221	212	314	98	NM	NM	NM	NM
	LI-COR	133	256	514	144	776	355	50	234
Nov 2017	**Traps**	79	147	187	70	NM	NM	NM	NM
	LI-COR	63	54	338	228	699	65	26	186
Nov 2018	**Traps**	156	82	123	66	NM	NM	NM	NM
	LI-COR	176	106	396	546	820	116	70	216
Nov 2019	**Traps**	172	181	167	198	NM	NM	NM	NM
	LI-COR	335	301	354	494	538	135	108	125
Nov 2020	**Traps**	97	115	220	481	NM	NM	NM	NM
	LI-COR	176	167	595	1,151	250	119	300	219
Oct 2021	**Traps**	726	419	136	495	NM	NM	NM	NM
	LI-COR	1,325	684	629	1,231	1,369	572	483	245
Nov 2022	**Traps**	98	90	197	170	NM	NM	NM	NM
	LI-COR	216	127	568	NM	242	162	NM	167
Nov 2023	**Traps**	41	81	55	23	NM	NM	NM	NM
	LI-COR	355	411	622	NM	447	226	155	274
Oct 2024	**Traps**	191	421	105	20	NM	NM	NM	NM
	LI-COR	NM	NM	NM	NM	NM	NM	NM	NM
Oct 2025	**Traps**	172	129	NA	58	NM	NM	NA	NM
	LI-COR	559	346	NA	NM	470	276	NA	645

Notes

1. NM = Not Measured
2. LNAPL = Light Non-Aqueous Phase Liquid
3. The LI-COR soil collars at Location 4 were removed due to pavement restoration in the vicinity of RW-F to optimize VER performance in 2023.
4. Location C, located within a third-party property, was inaccessable during the monitoring period in 2023.
5. CO_2 flux measurements were only taken from the carbon traps due to issues with the LI-COR survey instrumentation in 2024.
6. Location C, associated with recovery well RW-23, was decommissioned with the recovery well.
7. Location 3 was temporarily removed prior to the start of construction for the System Consolidation project at 38 Varick St.

Table 25. Monitoring Well Free Product Recovery Network

ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Wednesday, December 3, 2025										
Monitoring Well ID	Before Extraction		After Extraction		Elevation Measuring Point (ft-amsl)	FP Specfic Gravity	Groundwater Elevation (ft-amsl)	Apparent FPT (ft) - Before Extraction	Approximate FP in Well (gal)	Comments
	DTP	DTW	DTP	DTW						
S-24	3.7	3.73	--	5.28	6.79	0.85	3.09	0.03	0.02	
S-25	--	4.21	NA	NA	7.42	0.85	3.21	--	--	
S-33	4.69	4.7	--	6.81	7.31	0.85	2.62	0.01	0.01	
S-43	1.56	1.57	--	3.11	12.14	0.85	10.58	0.01	0.01	
S-47	2.91	2.92	--	4.2	10.47	0.85	7.56	0.01	0.01	
S-55	6.49	6.5	--	7.34	8.99	0.85	2.50	0.01	0.01	
S-63	--	4.62	NA	NA	8.30	0.85	3.68	--	--	
S-68	--	3.81	NA	NA	10.75	0.85	6.94	--	--	
S-70	--	4.01	NA	NA	10.15	0.85	6.14	--	--	
TRW-M	NM	NM	NM	NM	16.01	0.82	NM	NM	--	No Access
MW-109	--	13.8	NA	NA	18.58	0.95	4.78	--	--	
D-63I	9.89	9.9	--	11.05	7.95	0.89	-1.94	0.01	0.01	
D-96	--	2.45	NA	NA	4.59	--	2.14	--	--	
KNW-3	1.85	2	--	4.96	7.84	0.85	5.96	0.15	0.10	
KNW-13	3.01	3.1	--	6.12	8.07	0.85	5.05	0.09	0.06	
KNW-14	2.09	2.28	--	6.42	7.40	0.85	5.28	0.19	0.12	
Monitoring Well Totals	--	--	--	--	--	--	--	--	0.33	--

Notes:

1. DTP - Depth to Product
2. DTW - Depth to Water
3. ft-amsl - Feet Above Mean Sea Level
4. ft - Feet
5. gal - Gallons

TABLE 26

Conceptual Schedule of Anticipated Deliverables for the ExxonMobil Greenpoint Petroleum Remediation Project (Revised March 2026)

Activity	Anticipated Submission Date
Anticipated Operable Unit (OU)-Specific Activities	
OU-1	
Submission of OU-1 Periodic Review Report	Within 90 days following the end of each certification period, in accordance with OU-1 Site Management Plan dated December 11, 2020. The next anticipated submittal date is March 31, 2026.
OU-3	
Submission of OU-3 Final Engineering Report	Following, at a minimum, the completion of the MNA sampling program for two years in accordance with the OU-3 RAWP.
OU-4	
Submission of Revised OU-4 AAR	Submitted on July 21, 2025, in accordance with NYSDEC extension approval, awaiting NSYDEC review.
OU-5	
Submission of OU-5 RAWP	Within 90 days following the NYSDEC release of the final OU-5 Decision Document.
OU-7	
Submission of OU-7 RAWP	Within 90 days following the NYSDEC release of the final OU-7 Decision Document.
OU-8	
Submission of OU-8 RAWP	Within 90 days following the NYSDEC release of the final OU-8 Decision Document.

Note:

The anticipated schedule provided above is a conceptual schedule and the dates contained therein do not represent enforceable deadlines. The anticipated schedule is subject to modification by ExxonMobil due to a number of factors, including, but not limited to, approval of the Work Plans, time required to obtain access to third-party properties, new information developed during the course of the work, the effectiveness of on-going remedial efforts at the Site, and other miscellaneous factors. ExxonMobil will update this conceptual schedule as changes are deemed necessary by ExxonMobil. The anticipated schedule is subject to the requirements of the Consent Decree and Corrective Action Plan (CAP) and, to the extent of any conflict between this schedule and the Consent Decree and/or CAP, the Consent Decree and/or CAP shall govern. As requested by the NYSDEC, Roux Environmental Engineering & Geology, D.P.C., on behalf of ExxonMobil, shall take reasonable efforts to expedite submission of AARs, if and when reasonably possible.

TABLE 27

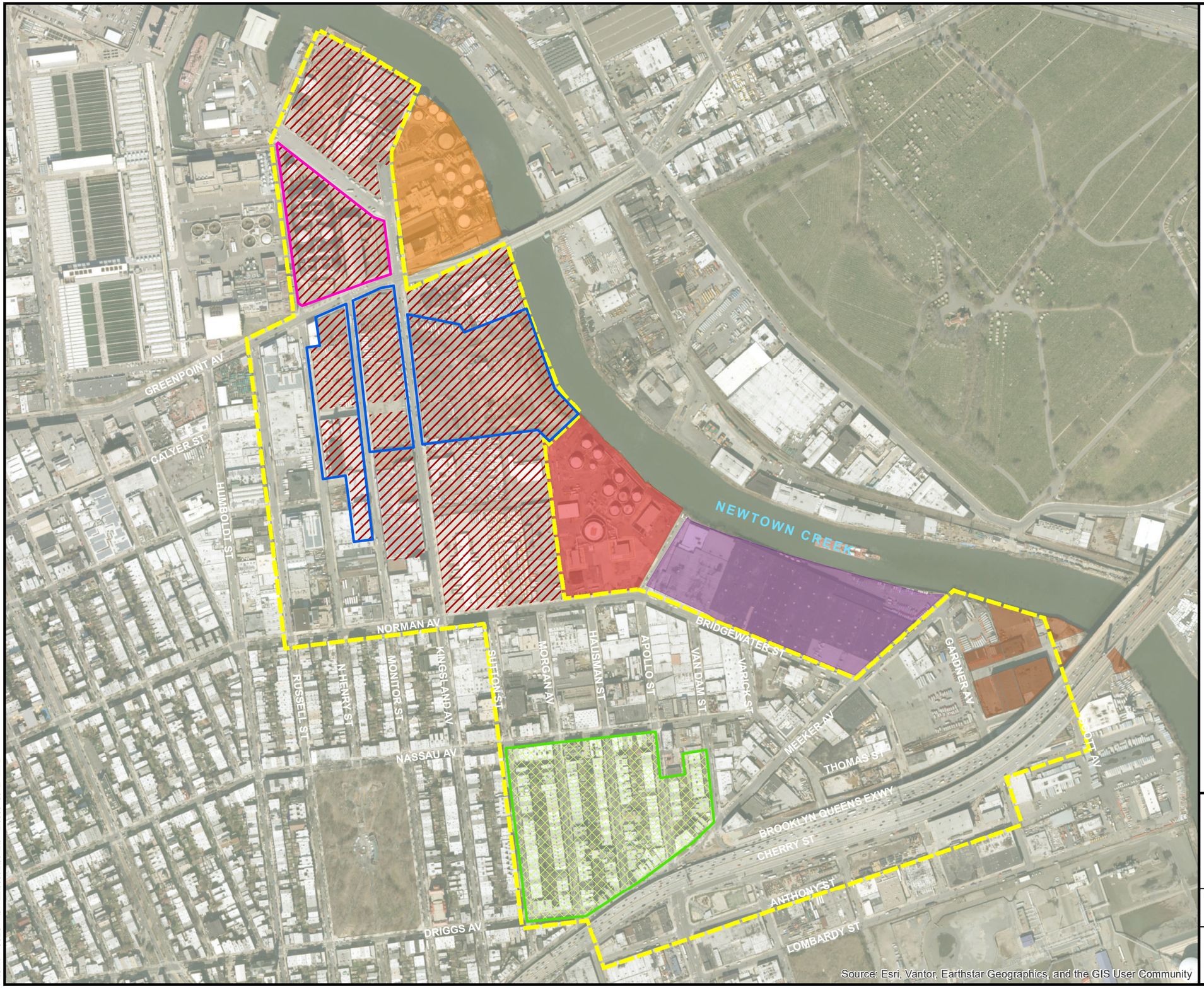
Schedule of Upcoming Regulatory Deliverables
ExxonMobil Greenpoint Petroleum Remediation Project (Revised March 2026)

Activity	Submission Date
Site-Wide Milestone Activities	
Submission of 1Q2026 Progress Report	May 15, 2026 (Due 45 days from the end of 1Q2026)
Submission of 2Q2026 Progress Report	August 14, 2026 (Due 45 days from the end of 2Q2026)
Submission of 3Q2026 Progress Report	November 14, 2025 (Due 45 days from the end of 3Q2026)
Submission of 2026 Annual Progress Report	March 16, 2026 (Due 75 days from the end of 2026)
Submission of 2026 Groundwater Monitoring Reports	Approximately December 1, 2026 (Due the earlier of six months after field activities are complete or, as per OU-3 RAWP, 90 days from receipt of last MNA analytical data)
Submission of 2026 Soil Vapor Monitoring Reports	Approximately March 7, 2027 (Due 90 days from receipt of last analytical data)

Note:
The above schedule is subject to the requirements of the Consent Decree and Corrective Action Plan (CAP) and, to the extent of any conflict between this schedule and the Consent Decree and/or CAP, the Consent Decree and/or CAP shall govern.

FIGURES

1. Site Map
2. Operable Units
3. EMGPRP Free-Product Recovery System
4. SVE System Layout
5. Average Monthly Operational RCS Free-Product Recovery Rate Summary
6. Average Monthly Operational ORS Free-Product Recovery Rate Summary
7. LNAPL Transmissivity Comparison
8. Free-Product Thickness Comparison
9. CVOC Concentrations in Groundwater- Recovery Well RW-28
10. Trichloroethene Concentrations in Groundwater – RCS Recovery Wells
11. Tetrachloroethene Concentrations in Groundwater – RCS Recovery Wells
12. cis-1,2 – Dichloroethene Concentrations in Groundwater – RCS Recovery Wells
13. Vinyl Chloride Concentrations in Groundwater – RCS Recovery Wells
14. Trichloroethene Concentrations in Groundwater – ORS Recovery Wells
15. Tetrachloroethene Concentrations in Groundwater – ORS Recovery Wells
16. cis-1,2 – Dichloroethene Concentrations in Groundwater – ORS Recovery Wells
17. Vinyl Chloride Concentrations in Groundwater – ORS Recovery Wells
18. CO2 Flux Measurement Locations



N

LEGEND

- FORMER BROOKLYN TERMINAL
- EMPIRE MERCHANTS (REMEDIATION UNDER CHEVRON MANAGEMENT)
- METRO TERMINAL (UNDER METRO MANAGEMENT)
- FORMER BP TERMINAL (UNDER KINDER MORGAN MANAGEMENT)
- HISTORICAL FOOTPRINT
- NEWTOWN CREEK WPCP (UNDER NYCDEP MANAGEMENT)
- RESIDENTIAL AREA
- WASTE MANAGEMENT
- EMGPRP SITE BOUNDARY

NOTES

NYCDEP - NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
EMGPRP - EXXONMOBIL GREENPOINT PETROLEUM REMEDIATION PROJECT
WPCP - WATER POLLUTION CONTROL PLANT

500 0 500'

Title:

SITE MAP

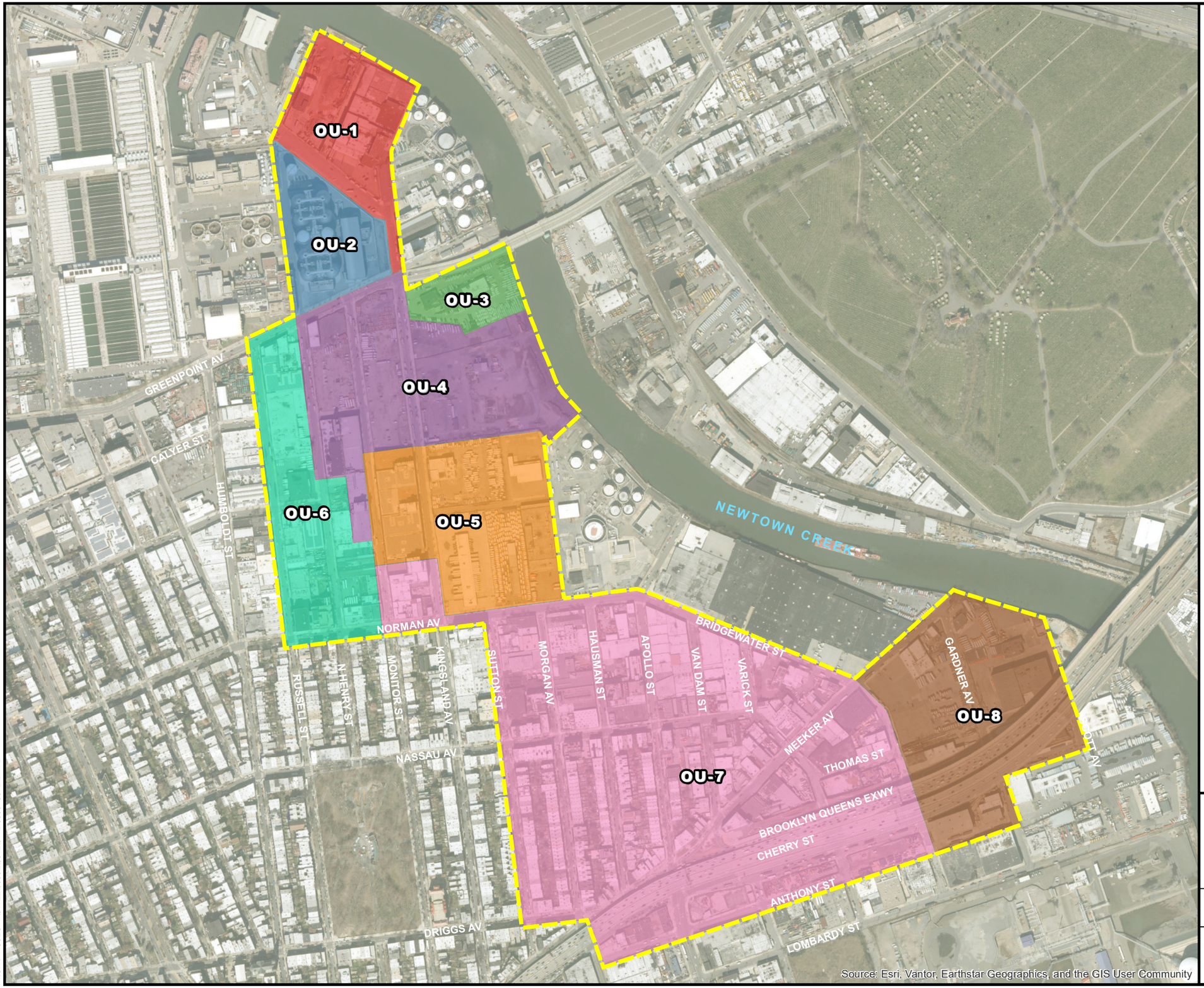
EXXONMOBIL
GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

Prepared for:
EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

Compiled by: N.B.	Date: 01/12/26	FIGURE
Prepared by: M.S.R.	Scale: AS SHOWN	1
Project Mgr: J.C.	Project: 0172.0030Y120	
File: 0172.0030Y5342.1.mxd		

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N

LEGEND

- OU-1 FORMER LUBE PLANT
- OU-2 FORMER NORTHERN CRUDE YARD
- OU-3 460 KINGSLAND AVENUE
- OU-4 FORMER BROOKLYN TERMINAL
- OU-5 FORMER REFINERY PROPERTIES
- OU-6 WESTERN OFF-SITE AREA
- OU-7 SOUTHERN OFF-SITE AREA
- OU-8 EASTERN OFF-SITE AREA
- EMGPRP SITE BOUNDARY

NOTE

THE OU DESCRIPTIONS CONTAINED IN THE ABOVE LEGEND ARE GENERAL AND ARE NOT MEANT TO BE COMPLETE OR DETAILED. FOR ADDITIONAL INFORMATION REGARDING EACH OU, PLEASE REFER TO PRIOR EMGPRP REPORTS SUBMITTED TO THE NYSDEC

500 0 500'

Title:

OPERABLE UNITS

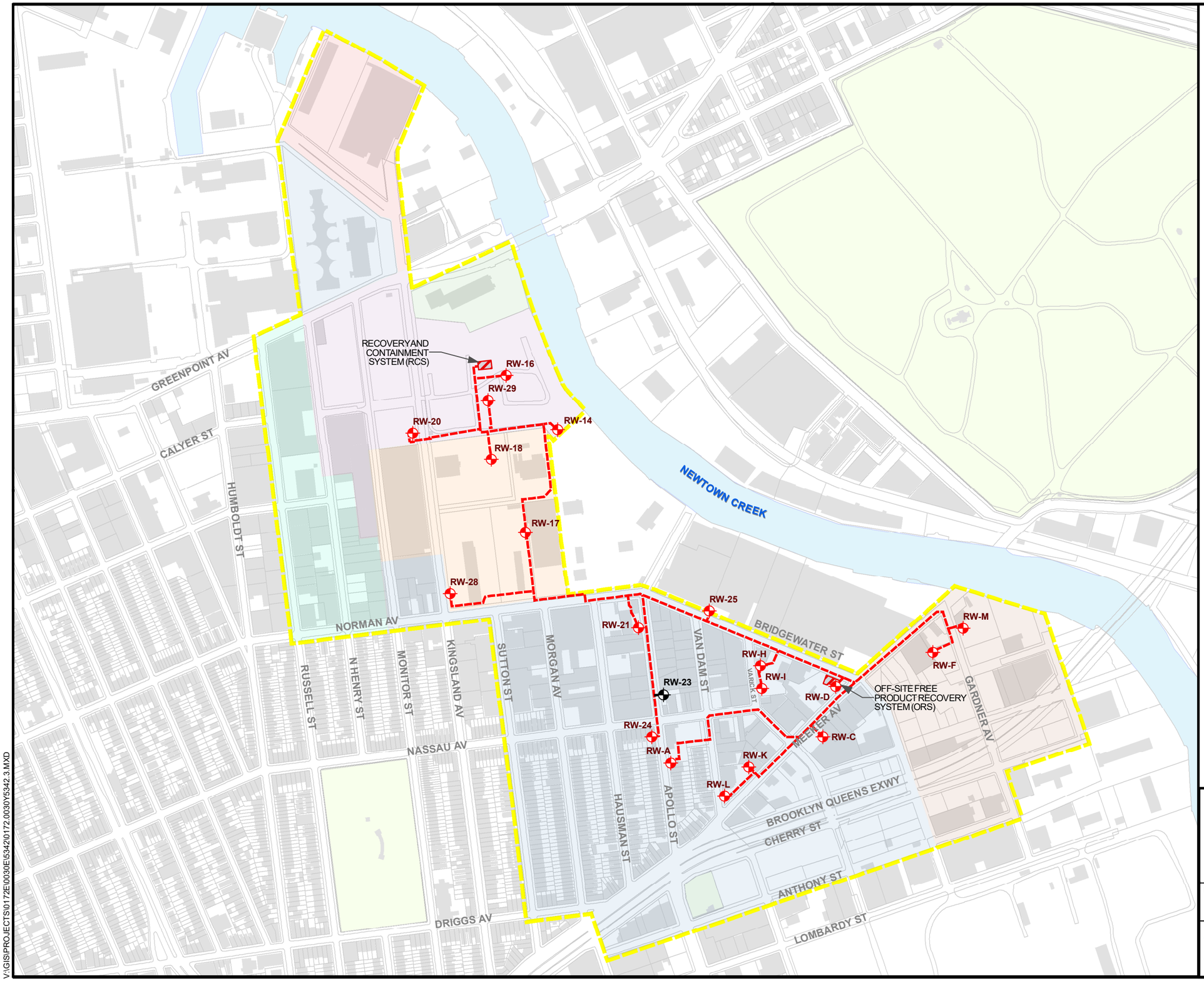
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BROOKLYN, NEW YORK

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Prepared by: M.S.R.	Scale: AS SHOWN	2
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File: 0172.0030Y5342.2.mxd		

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N

LEGEND

- RW-24 — ACTIVE DUAL-PUMP RECOVERY WELL LOCATION AND DESIGNATION
- RW-23 — IN-ACTIVE DUAL-PUMP RECOVERY WELL LOCATION AND DESIGNATION
- GROUNDWATER REMEDIATION SYSTEM PIPING
- DECOMMISSIONED GROUNDWATER REMEDIATION SYSTEM PIPING
- TREATMENT SYSTEM LOCATION
- EMGPRP SITE BOUNDARY

500 0 500'

Title:

EMGPRP FREE-PRODUCT RECOVERY SYSTEM

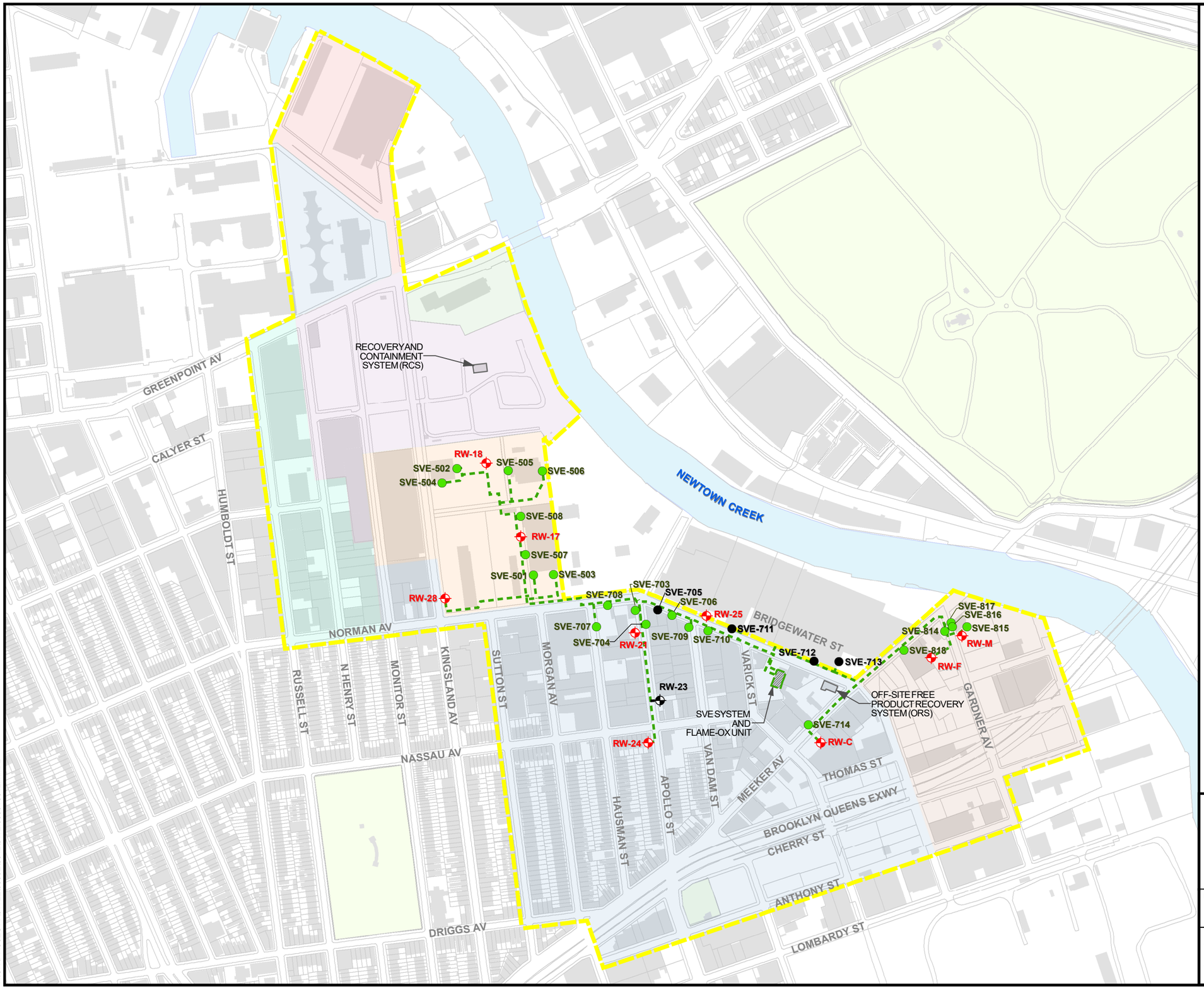
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Compiled by: N.B.	Date: 02/18/26	FIGURE
Prepared by: M.S.R.	Scale: AS SHOWN	3
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File: 0172.0030Y5342.3.mxd		

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N

LEGEND

- SVE-704 — ACTIVE SOIL VAPOR EXTRACTION WELL USED FOR THE FULL SCALE SYSTEM
- SVE-705 — EXISTING SOIL VAPOR EXTRACTION WELL NOT USED FOR THE FULL SCALE SYSTEM
- RW-24 — ACTIVE VACUUM-ENHANCED RECOVERY (VER) WELL
- RW-23 — DECOMMISSIONED VACUUM-ENHANCED RECOVERY (VER) WELL
- SVE PIPING
- DECOMMISSIONED GROUNDWATER REMEDIATION SYSTEM PIPING
- SVE SYSTEM AND FLAME-OX UNIT
- EMGPRP SITE BOUNDARY

500 0 500'

Title:

SVE SYSTEM LAYOUT

EXXONMOBIL
GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

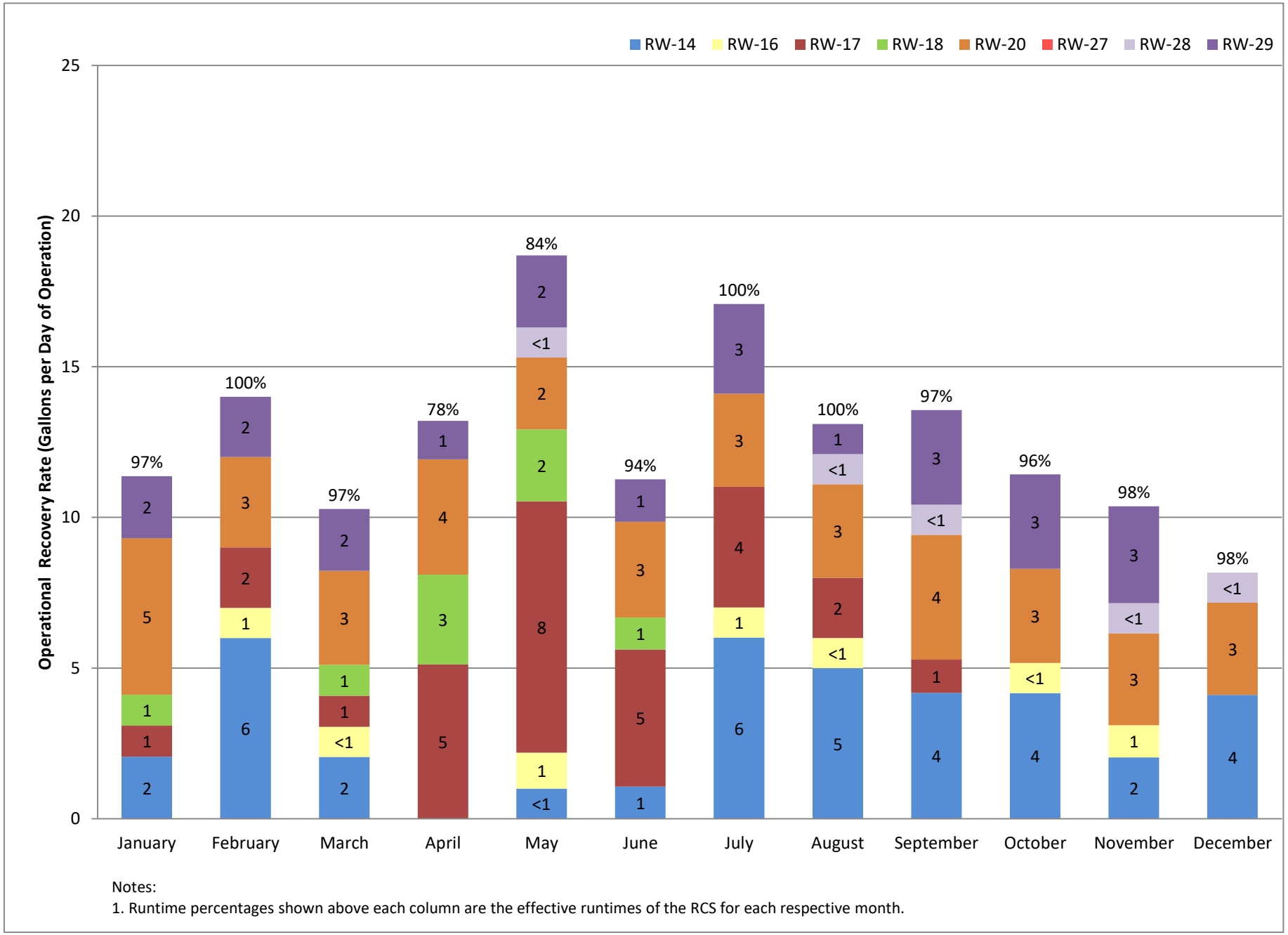
Prepared for:
EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

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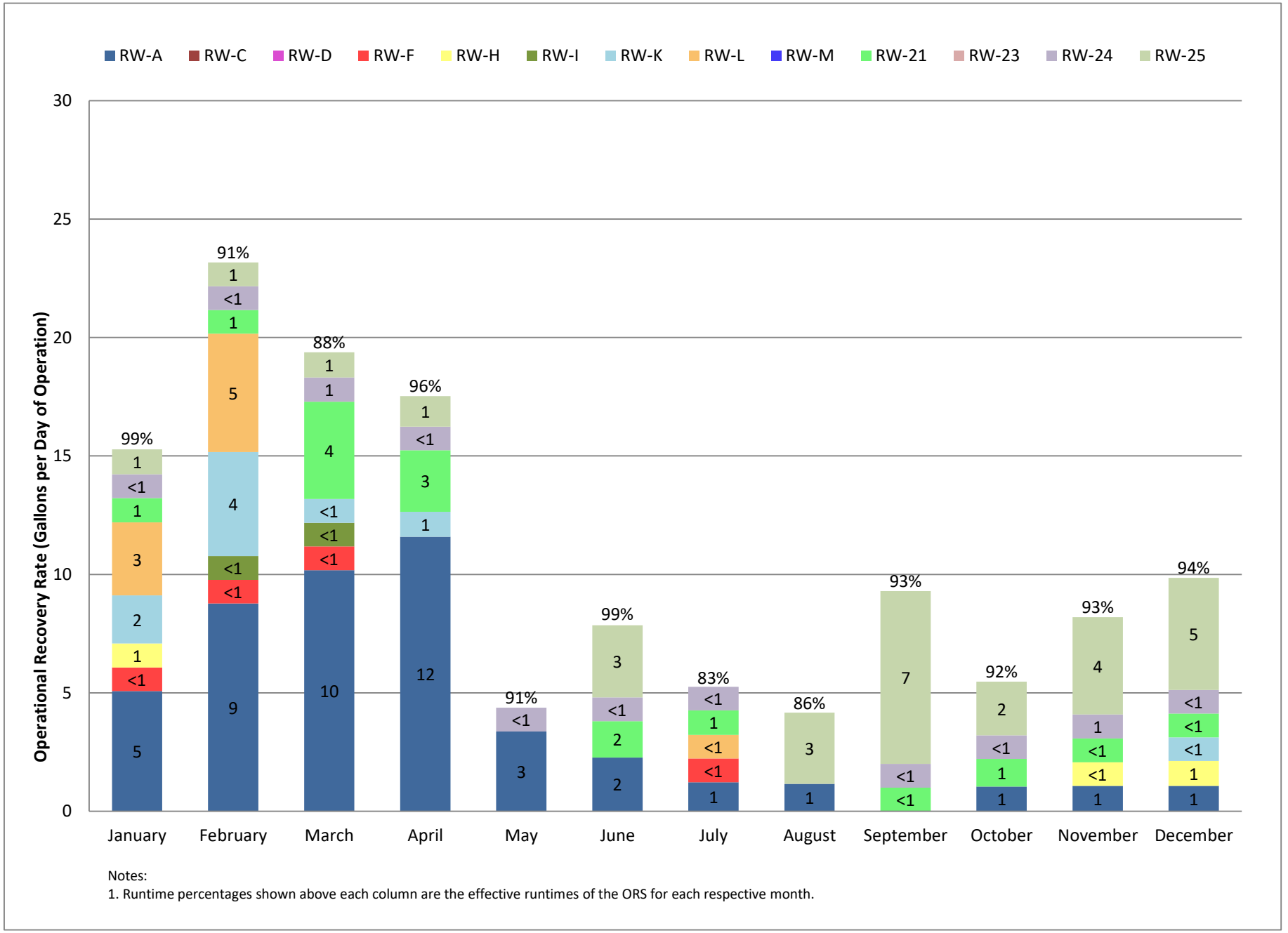
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Figure 5. Average Monthly Operational RCS Free-Product Recovery Rate - 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

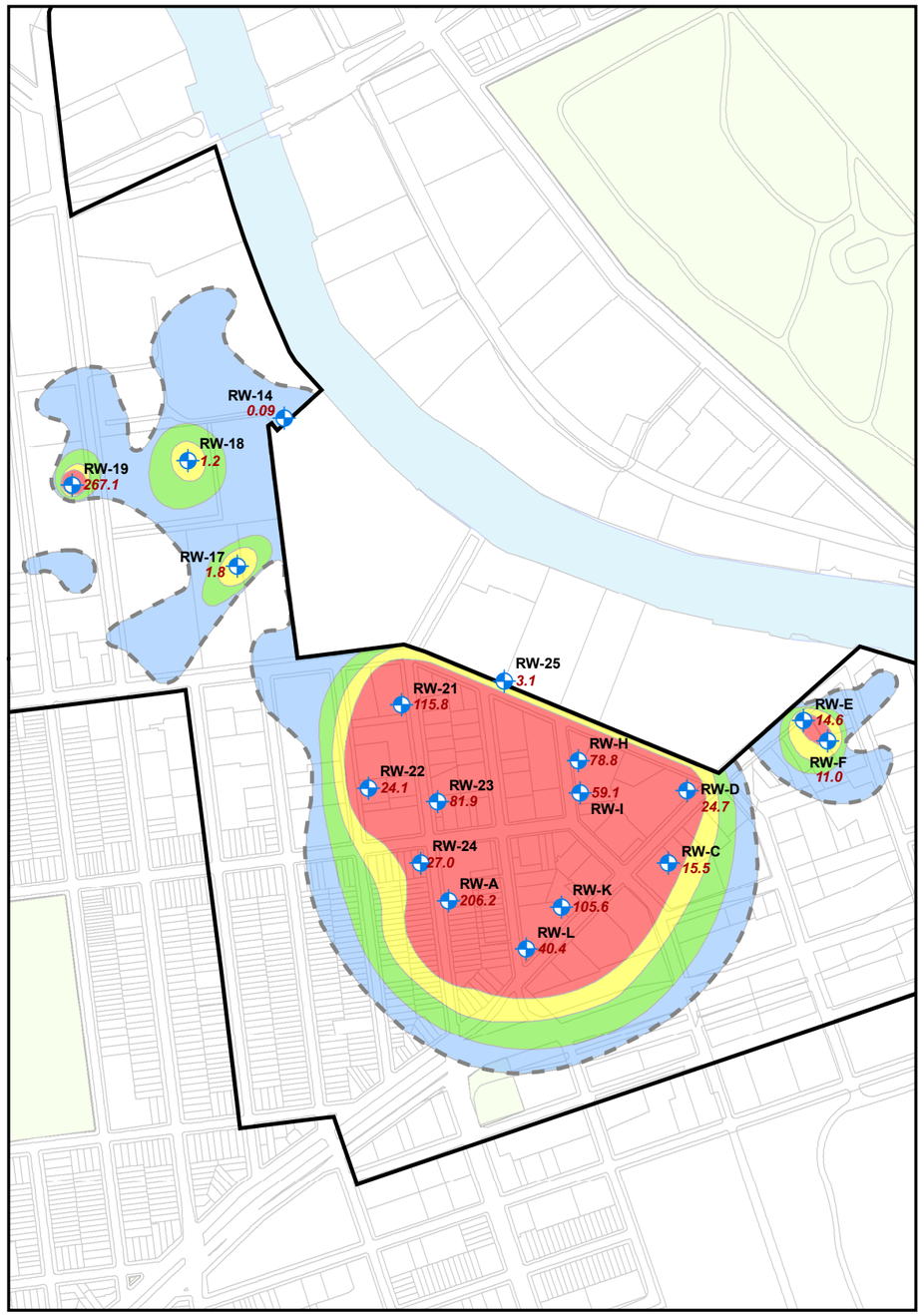


Notes:
1. Runtime percentages shown above each column are the effective runtimes of the RCS for each respective month.

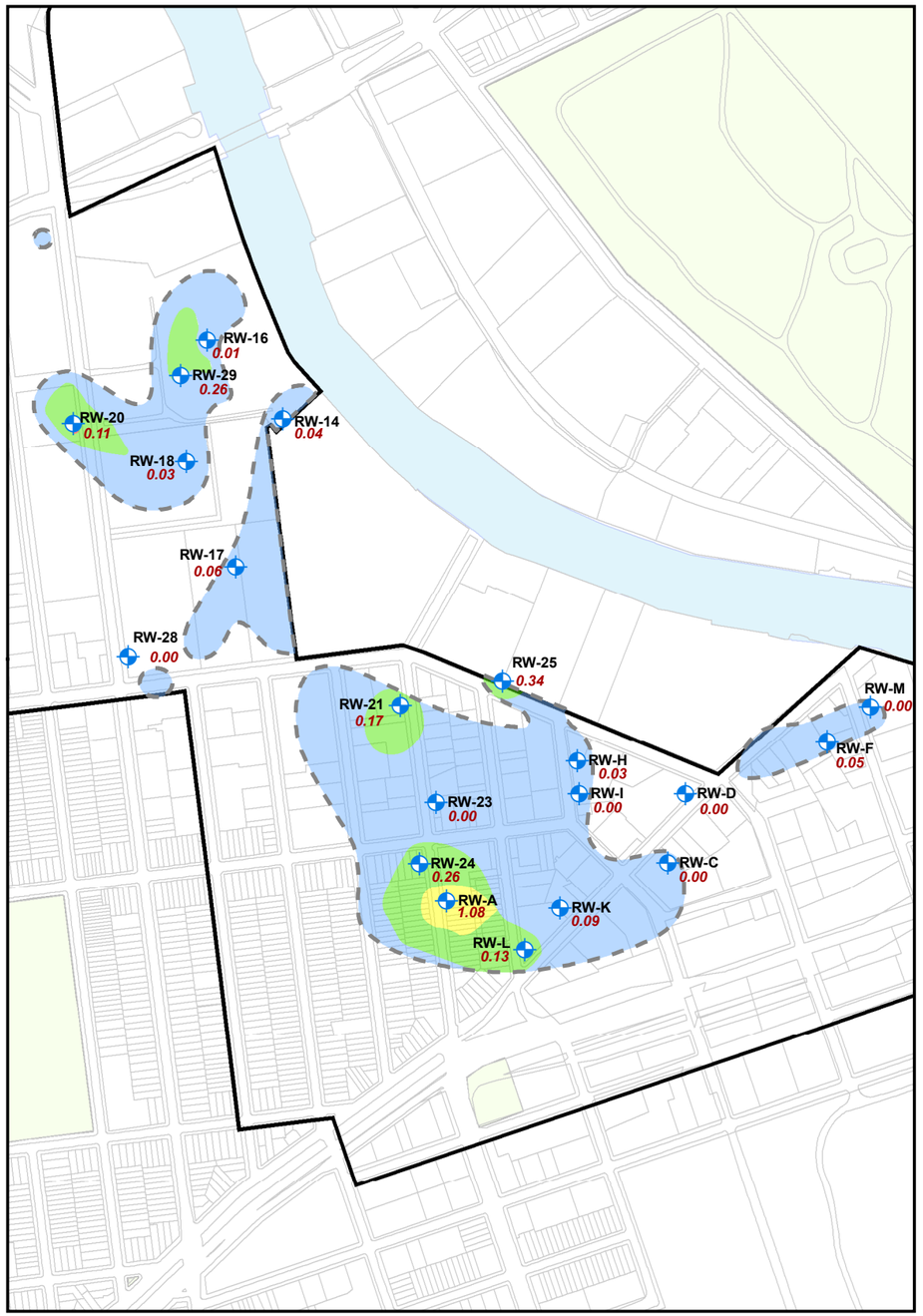
Figure 6. Average Monthly Operational ORS Free-Product Recovery Rate - 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



Notes:
1. Runtime percentages shown above each column are the effective runtimes of the ORS for each respective month.



JANUARY - JUNE 2010



JANUARY - DECEMBER 2025

N

LEGEND

- LOCATION OF RECOVERY WELL EVALUATED FOR LNAPL TRANSMISSIVITY
- LNAPL TRANSMISSIVITY CONTOUR (< 0.1 FT_2/DAY)
- LNAPL TRANSMISSIVITY CONTOUR (0.1 - 0.8 FT_2/DAY)
- LNAPL TRANSMISSIVITY CONTOUR (0.8 - 10 FT_2/DAY)
- LNAPL TRANSMISSIVITY CONTOUR (> 10 FT^2/DAY)
- ESTIMATED FREE-PRODUCT EXTENT (AUG 2025)
- EMGPRP SITE BOUNDARY
- **RW-L** WELL ID
- ***0.62*** LNAPL TRANSMISSIVITY VALUE

NOTES

1. RECOVERY WELL LNAPL TRANSMISSIVITY VALUES ARE AN AVERAGE BASED ON RECOVERY WELL OPERATIONAL DATA FROM JANUARY THROUGH DECEMBER 2025.

B&R - BOUWER AND RICE
C&J - COOPER AND JACOB
CB&P - COOPER, BREDEHOEFT AND PAPADOPULOS
FT^2/DAY - FEET SQUARED PER DAY
LNAPL - LIGHT NON-AQUEOUS PHASE LIQUID

550 0 550'

Title:

LNAPL TRANSMISSIVITY COMPARISON 2010 & 2025

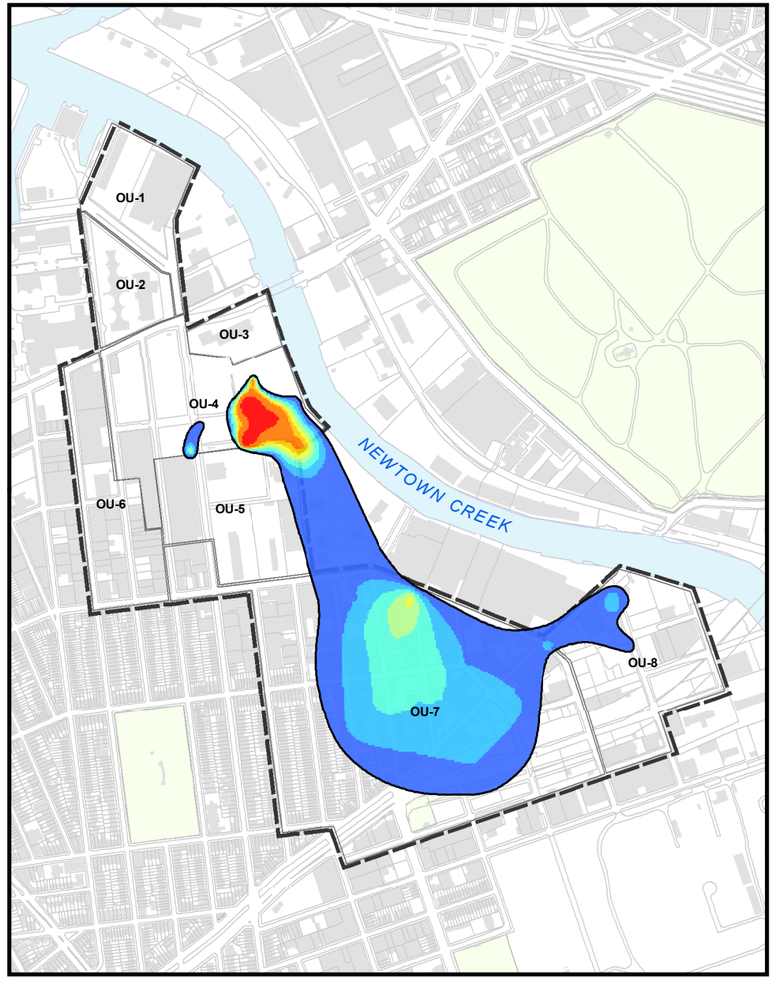
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GREENPOINT, BROOKLYN, NEW YORK

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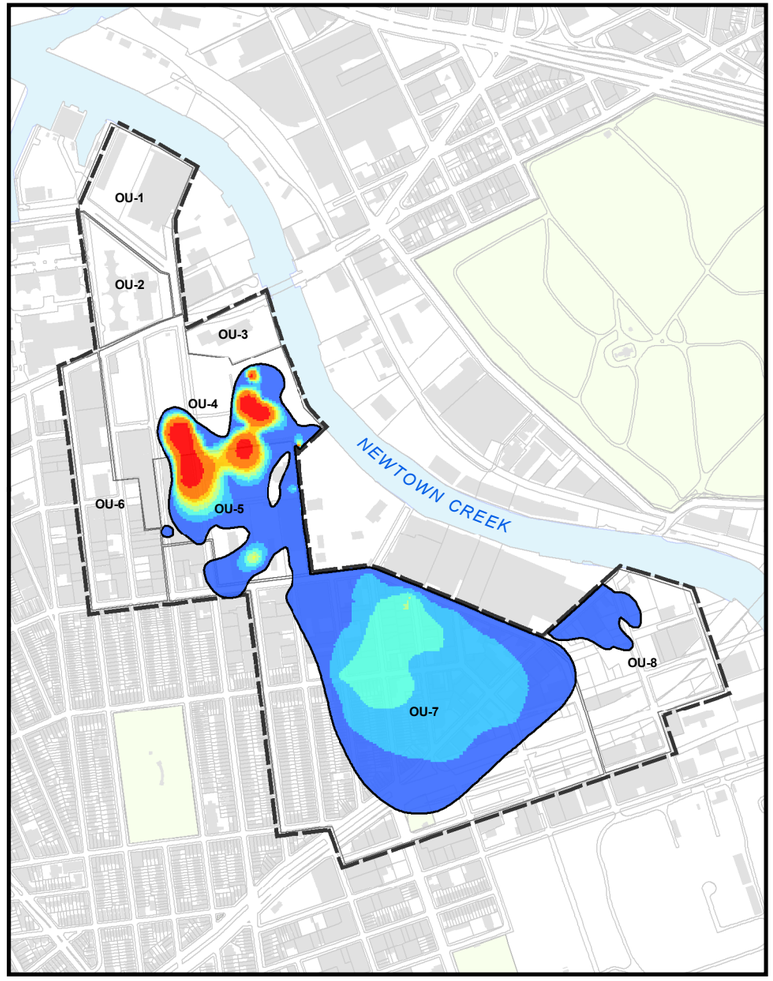
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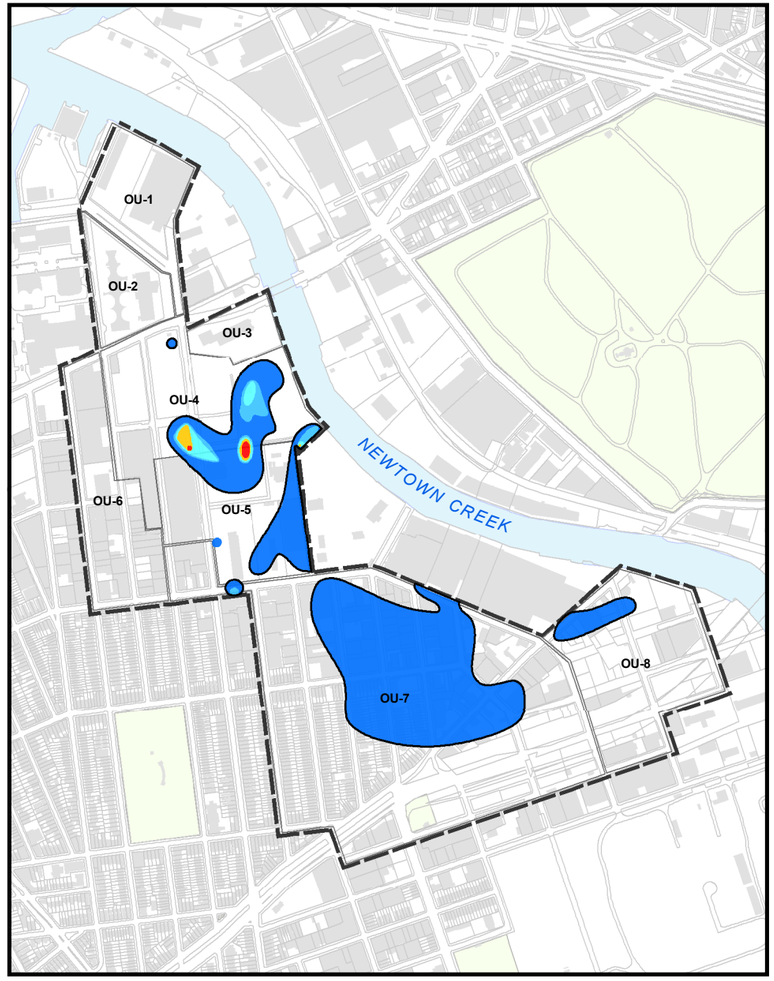
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1995



2003

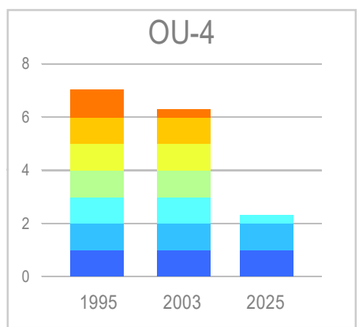


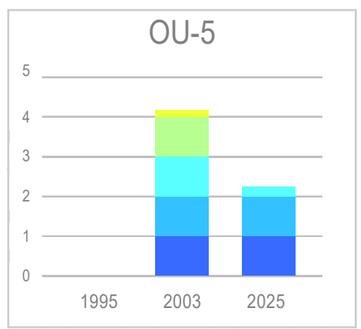
2025

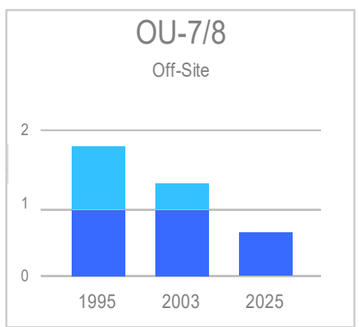
APPARENT FREE-PRODUCT THICKNESS (FEET)

- >10
- 6 - 10
- 5 - 6
- 4 - 5
- 3 - 4
- 2 - 3
- 1 - 2
- <1

AVERAGE APPARENT FREE-PRODUCT THICKNESS IN FEET BY OPERABLE UNIT







1,000 0 1,000'

Title:

FREE PRODUCT THICKNESS COMPARISON

EXXONMOBIL
GREENPOINT PETROLEUM REMEDIATION PROJECT,
GREENPOINT, BROOKLYN, NEW YORK

Prepared for:
EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

Compiled by: N.B.	Date: 03/02/26	FIGURE
Prepared by: M.S.R.	Scale: AS SHOWN	8
Project Mgr: J.C.	Project: 0172.0030Y120	
File: 0172.0030Y5342.8.mxd		

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Figure 9. CVOC Concentrations in Groundwater - Recovery Well RW-28
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

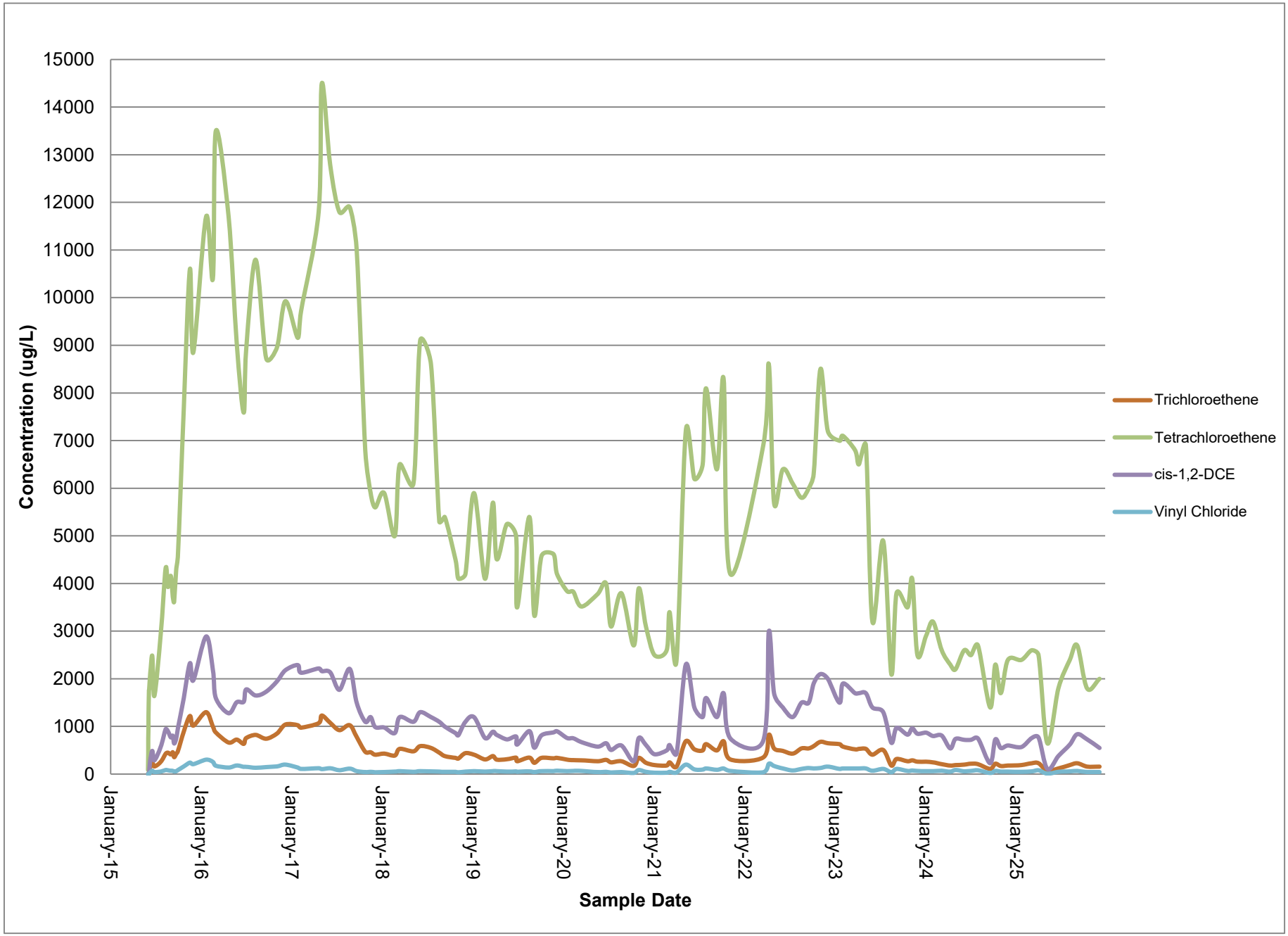
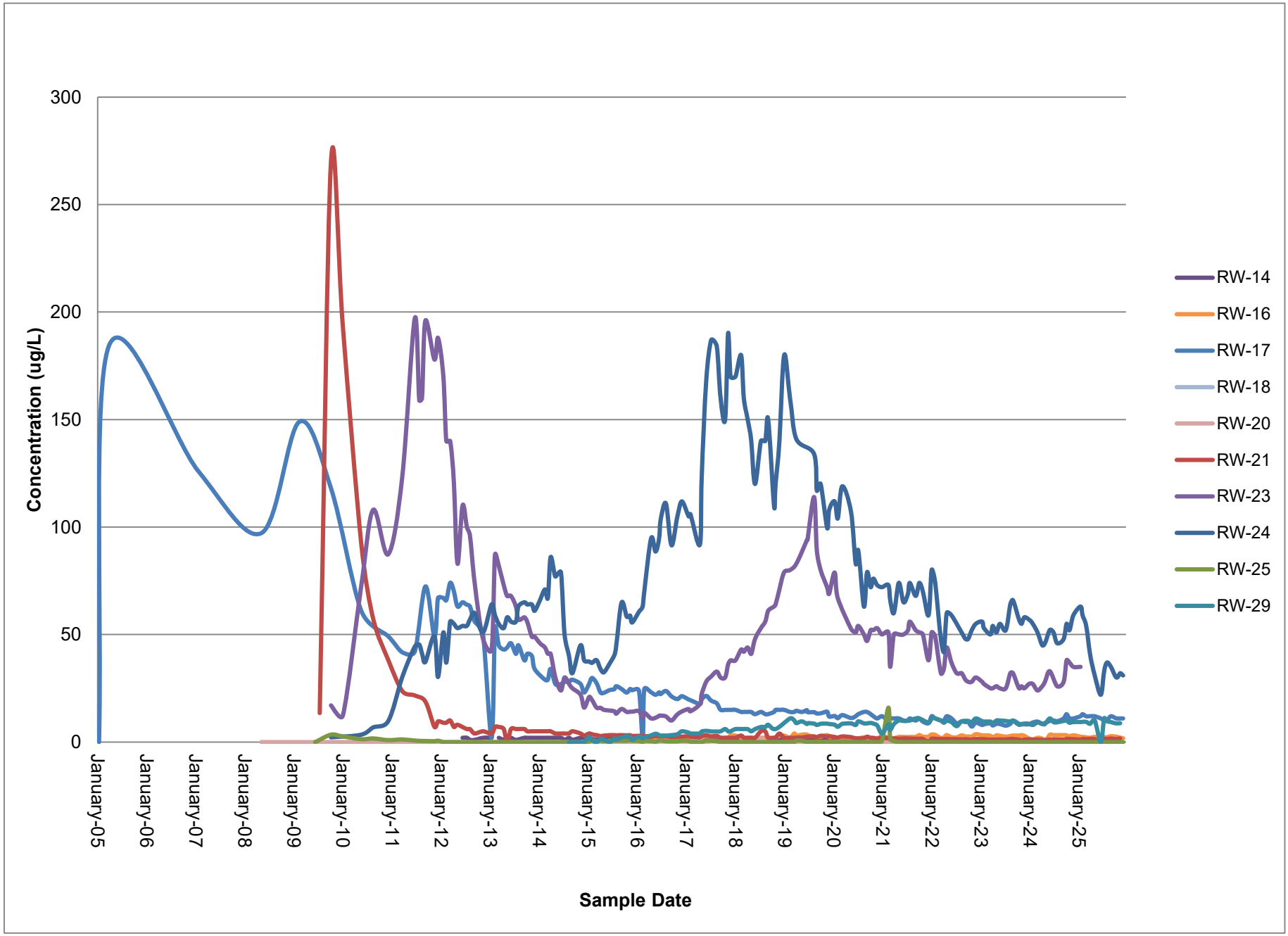


Figure 10-A. Trichloroethene Concentrations in Groundwater - RCS Recovery Wells 2005-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



0172.0030Y100.5080/F6A

Figure 10-B. Trichloroethene Concentrations in Groundwater - RCS Recovery Wells 2017-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

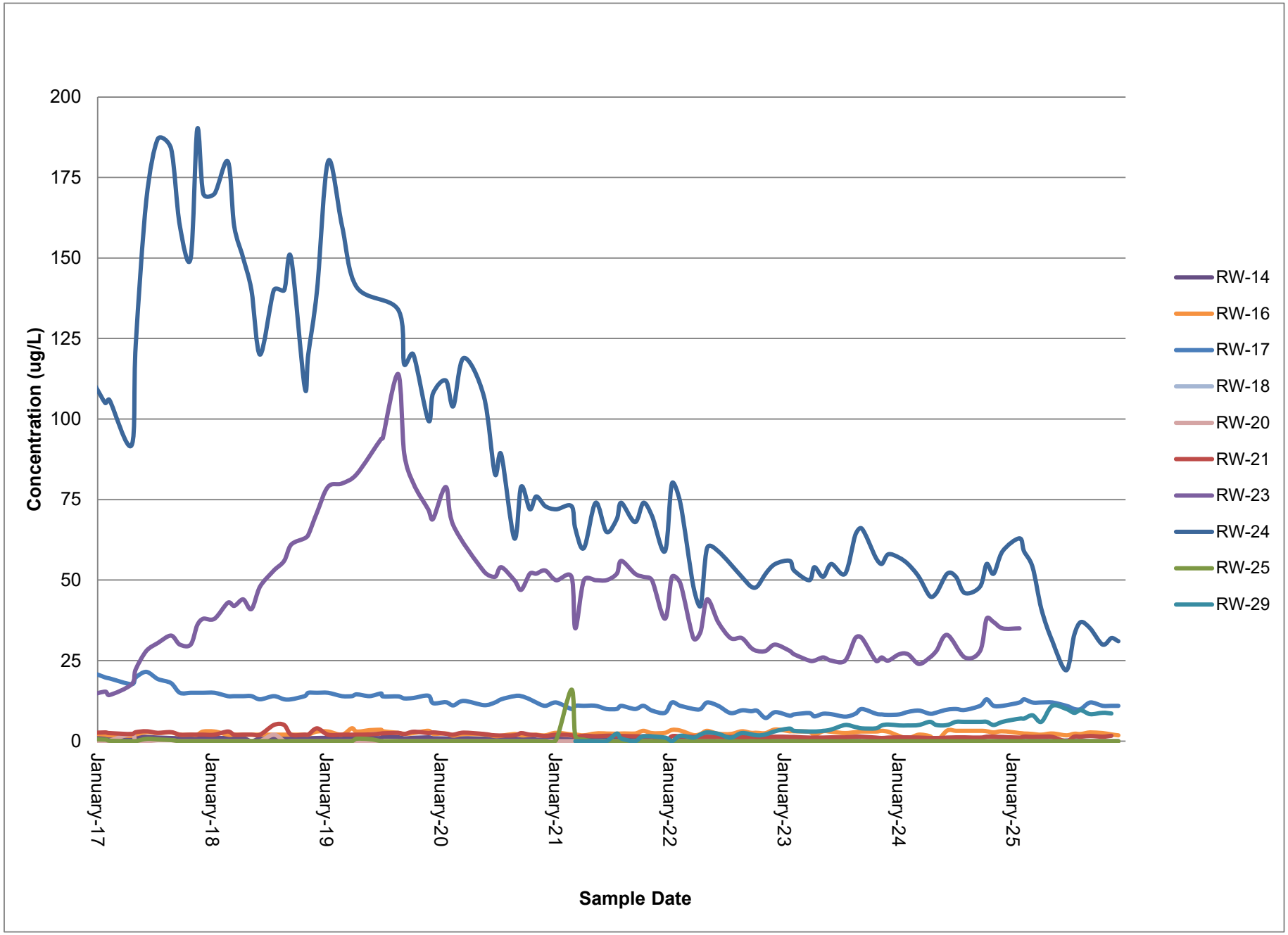


Figure 11-A. Tetrachloroethene Concentrations in Groundwater - RCS Recovery Wells 2005-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

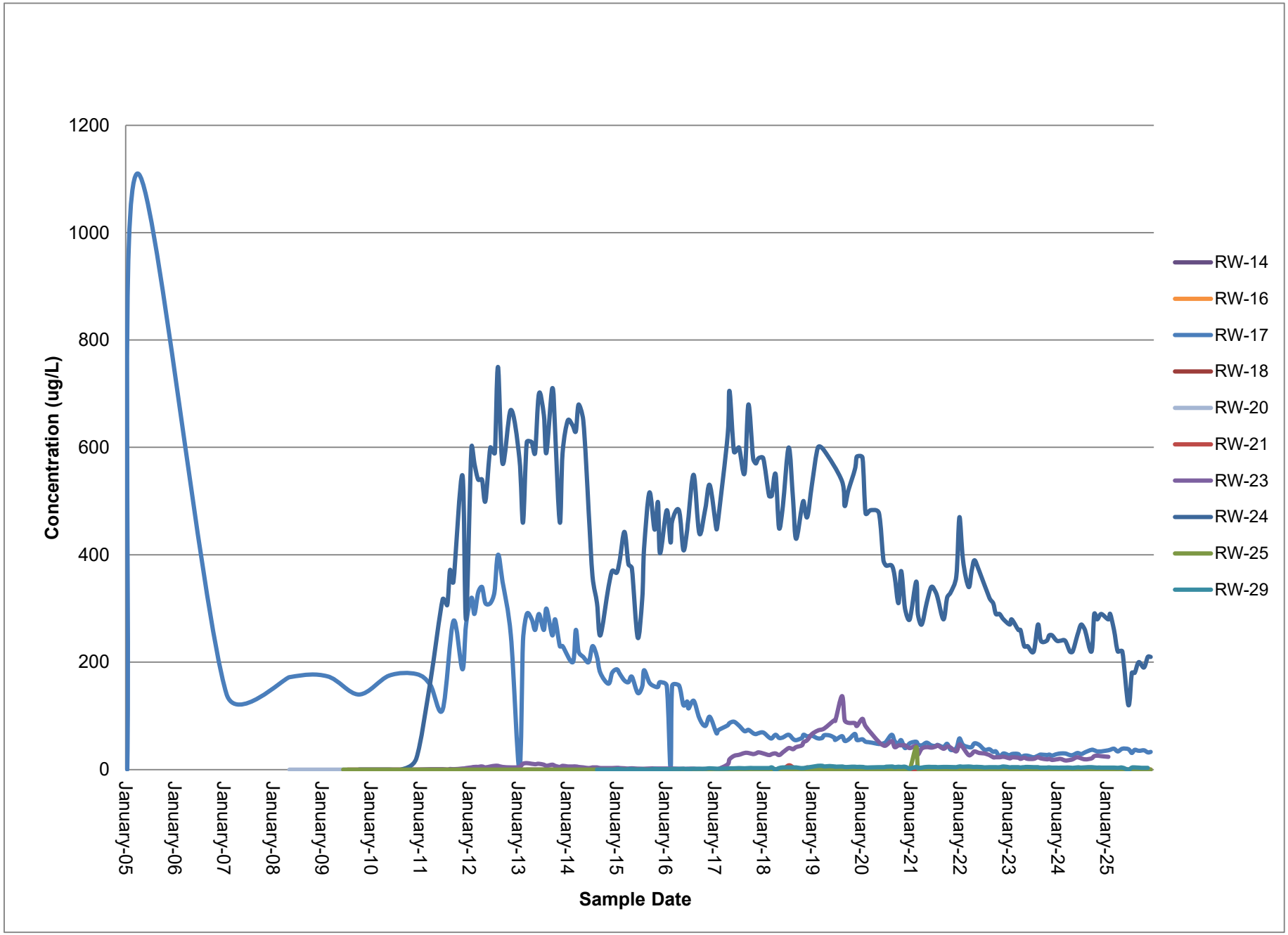


Figure 11-B. Tetrachloroethene Concentrations in Groundwater - RCS Recovery Wells 2017-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

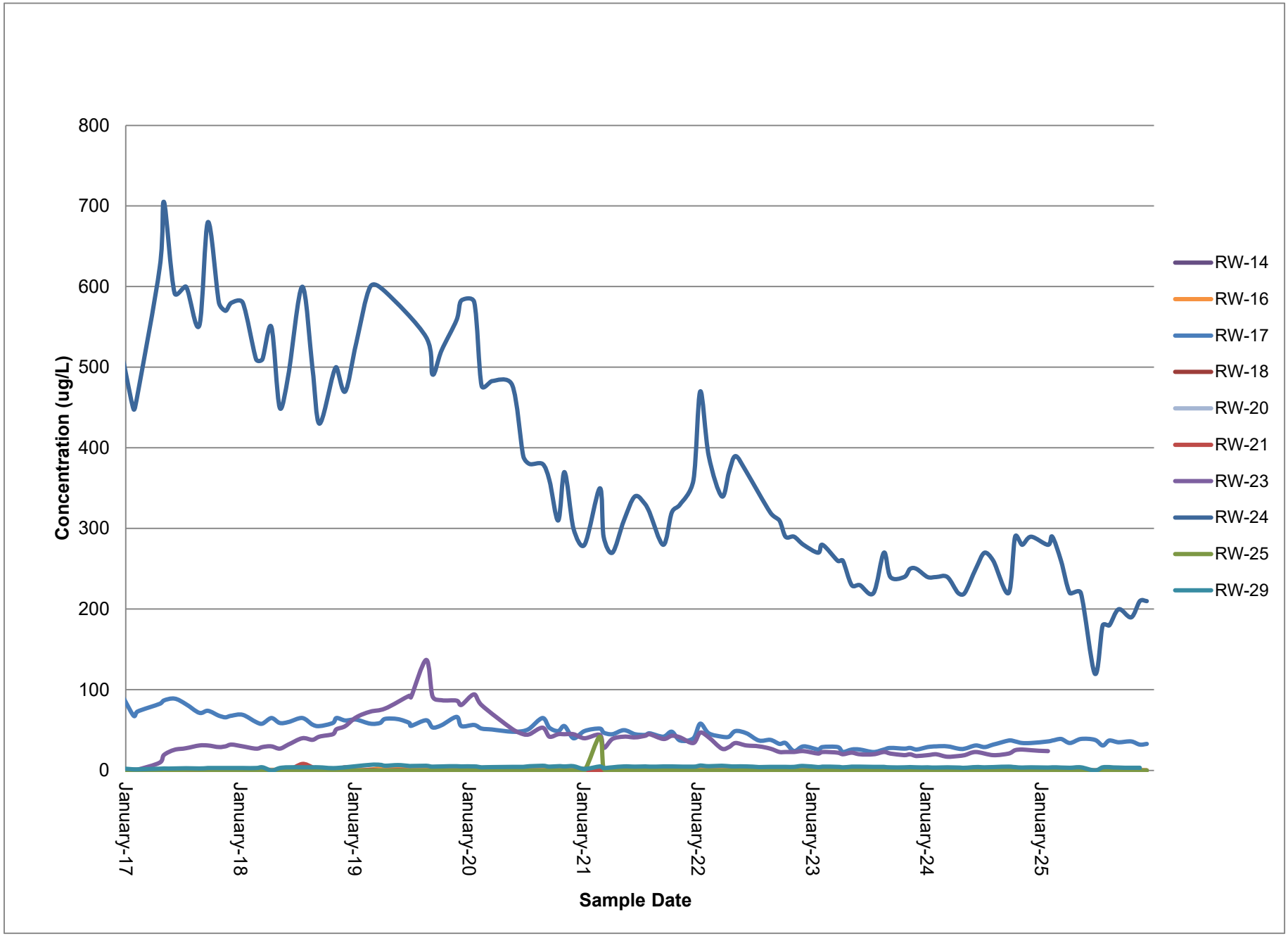


Figure 12-A. cis-1,2 DCE Concentrations in Groundwater - RCS Recovery Wells 2005-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

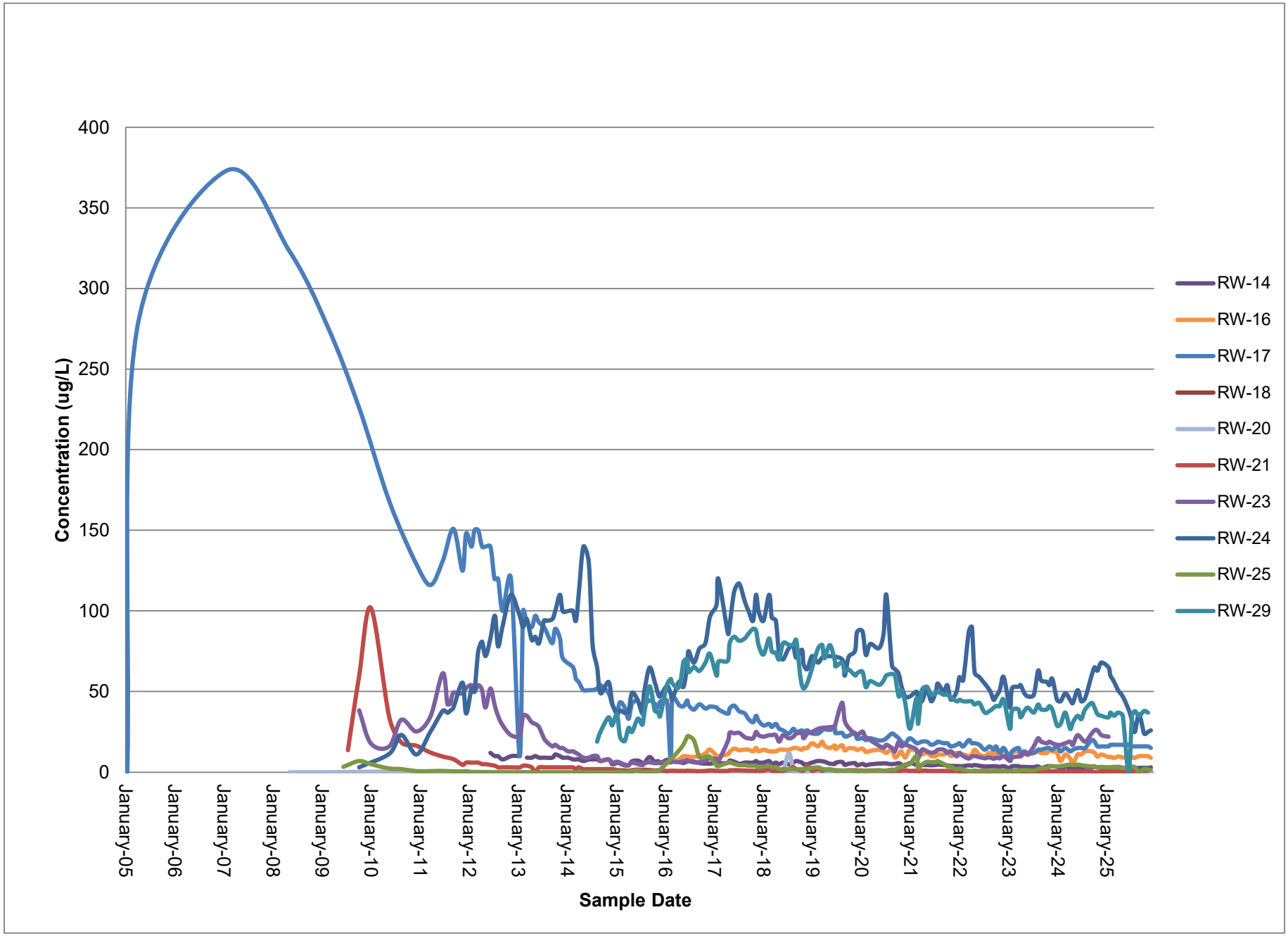


Figure 12-B. cis-1,2 DCE Concentrations in Groundwater - RCS Recovery Wells 2017-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

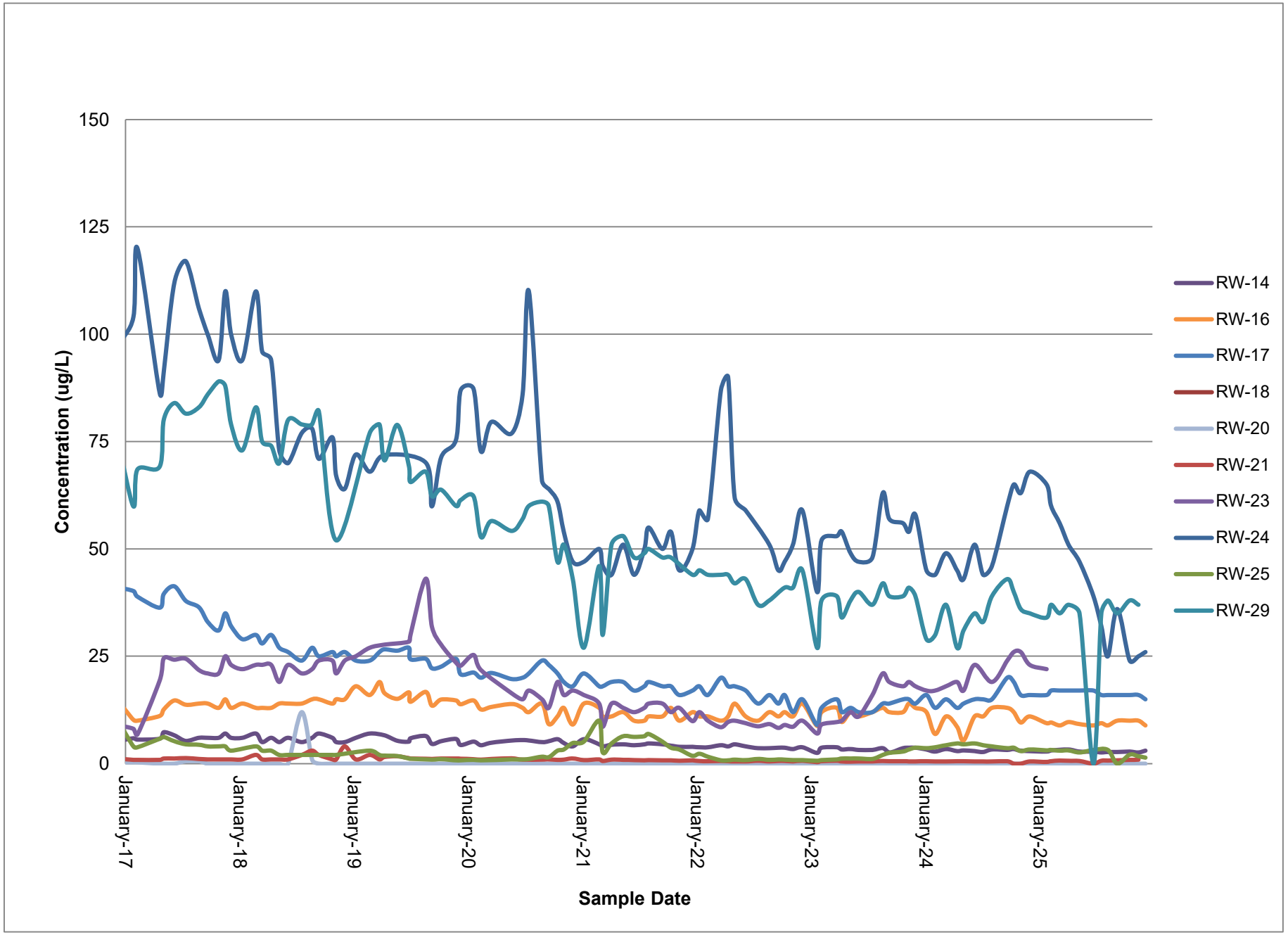


Figure 13-A. Vinyl Chloride Concentrations in Groundwater - RCS Recovery Wells 2005-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

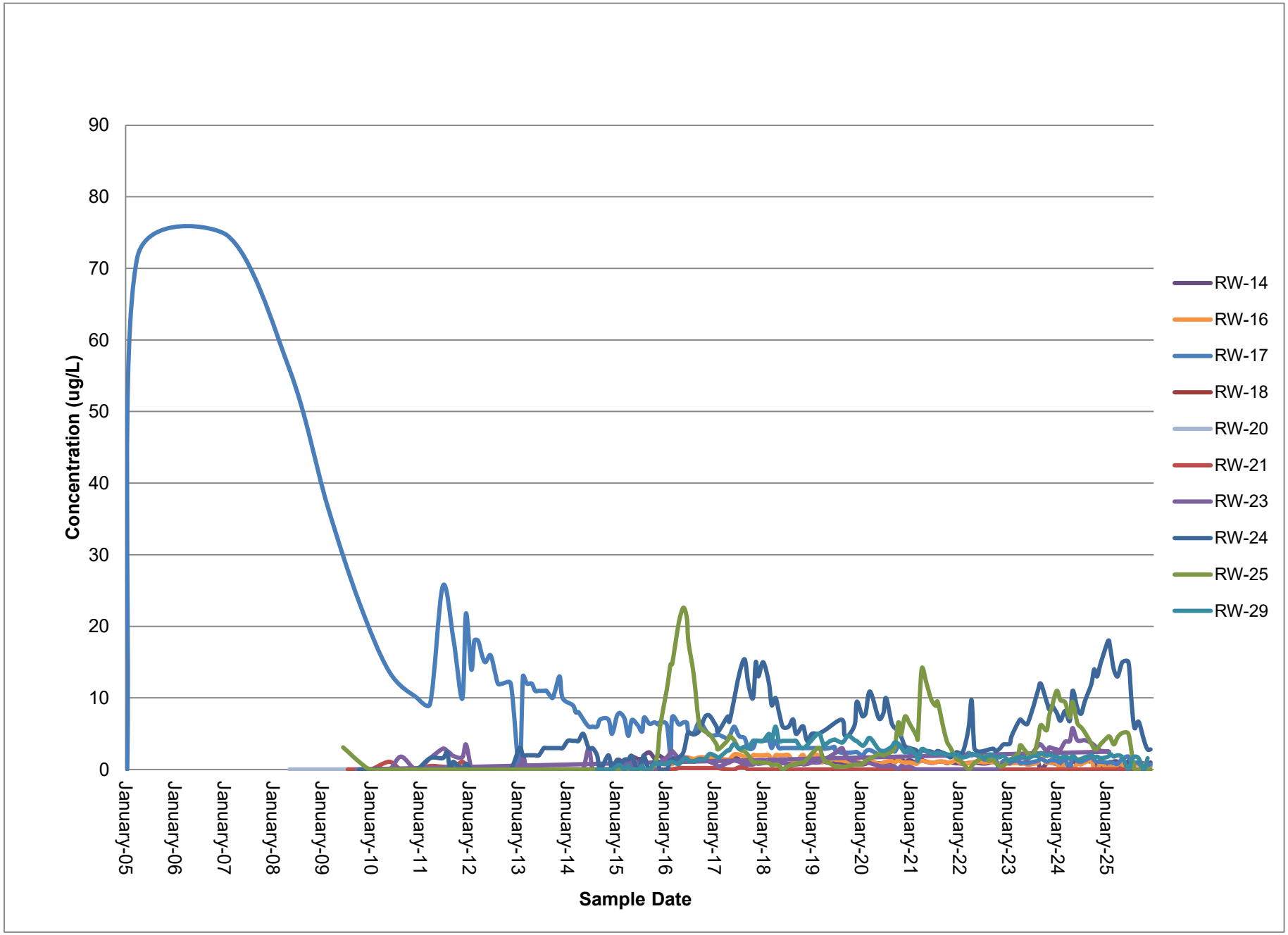


Figure 13-B. Vinyl Chloride Concentrations in Groundwater - RCS Recovery Wells 2017-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

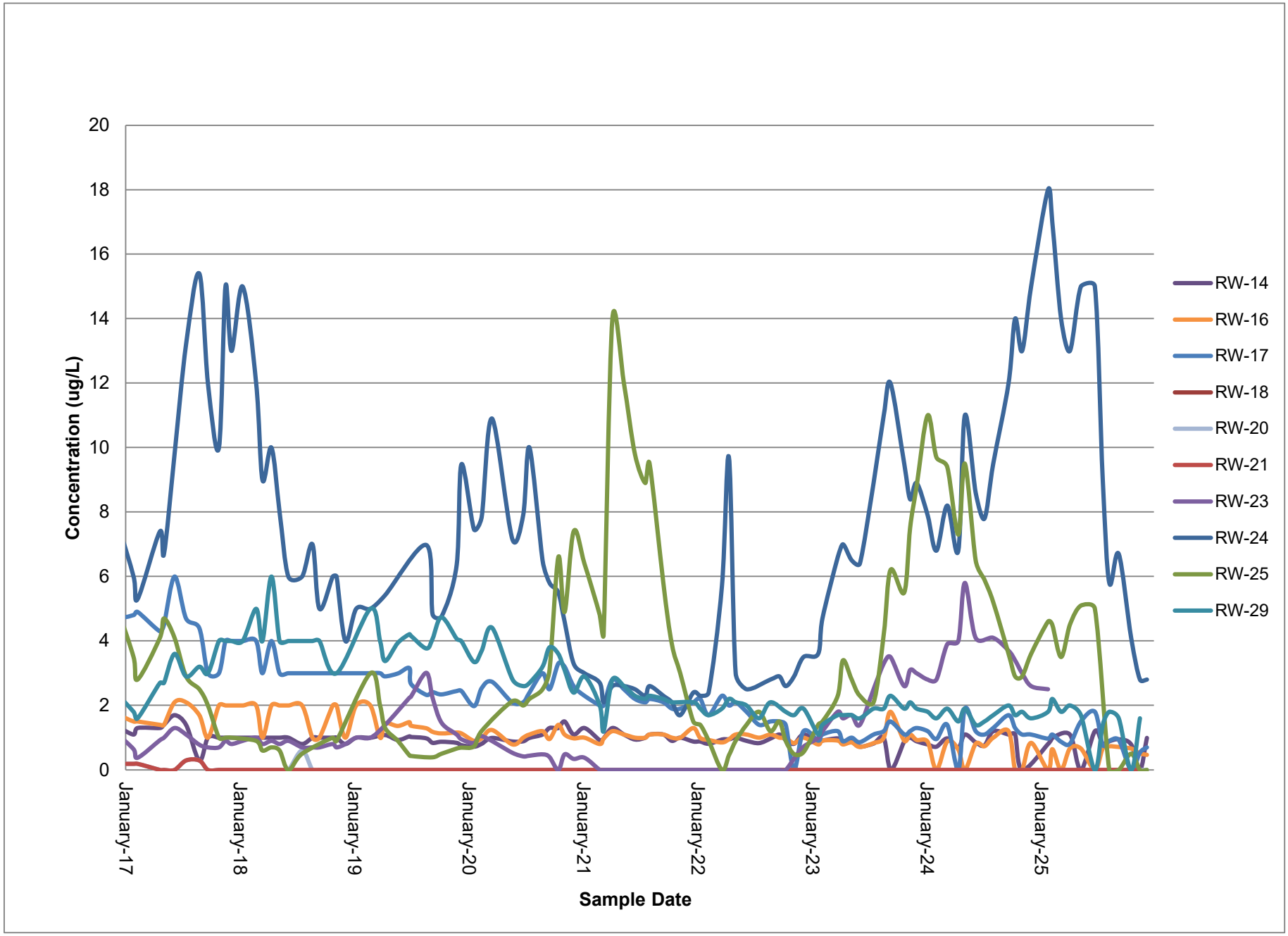


Figure 14-A. Trichloroethene Concentrations in Groundwater - ORS Recovery Wells 2003-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

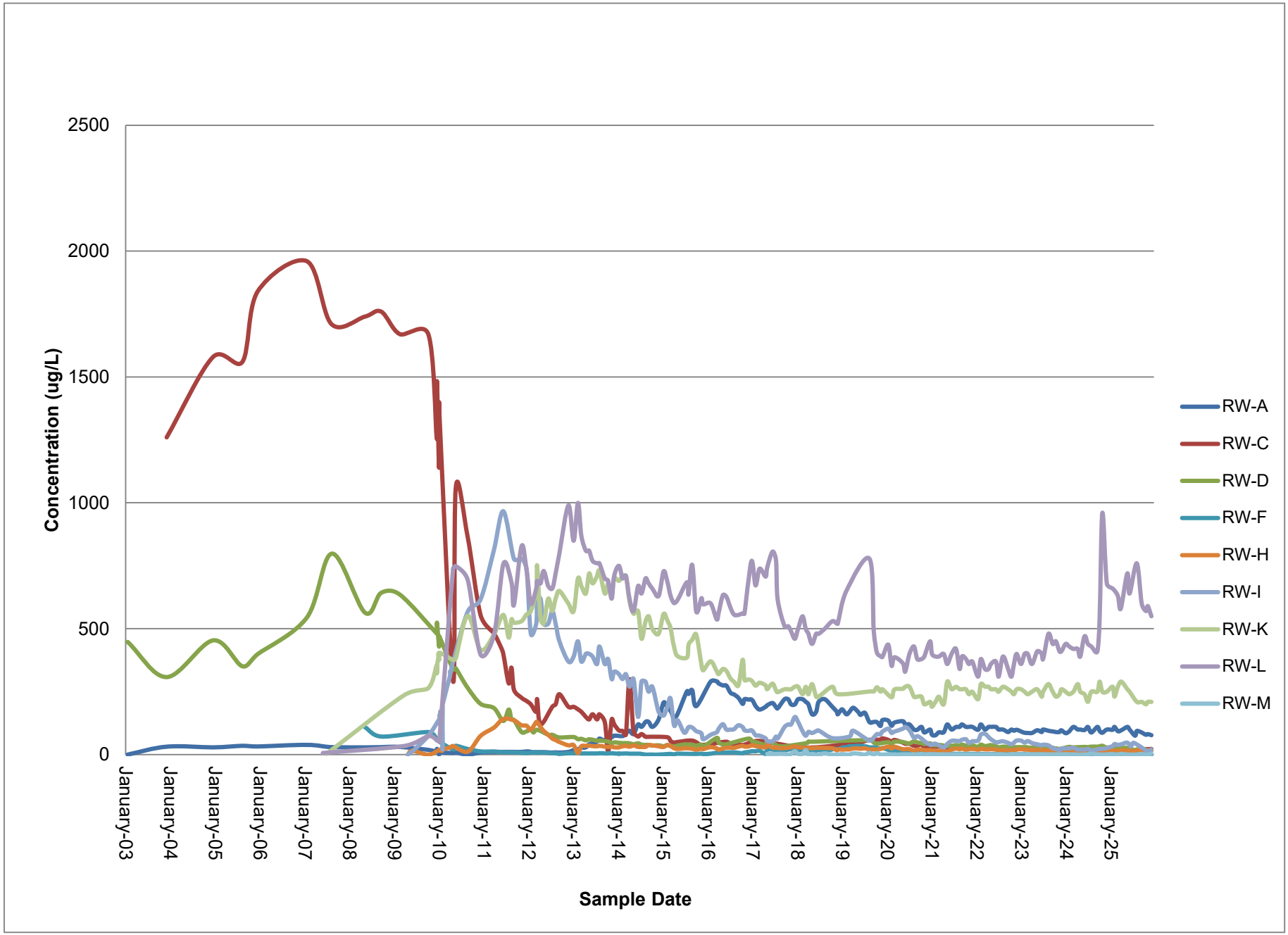


Figure 14-B. Trichloroethene Concentrations in Groundwater - ORS Recovery Wells 2017-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

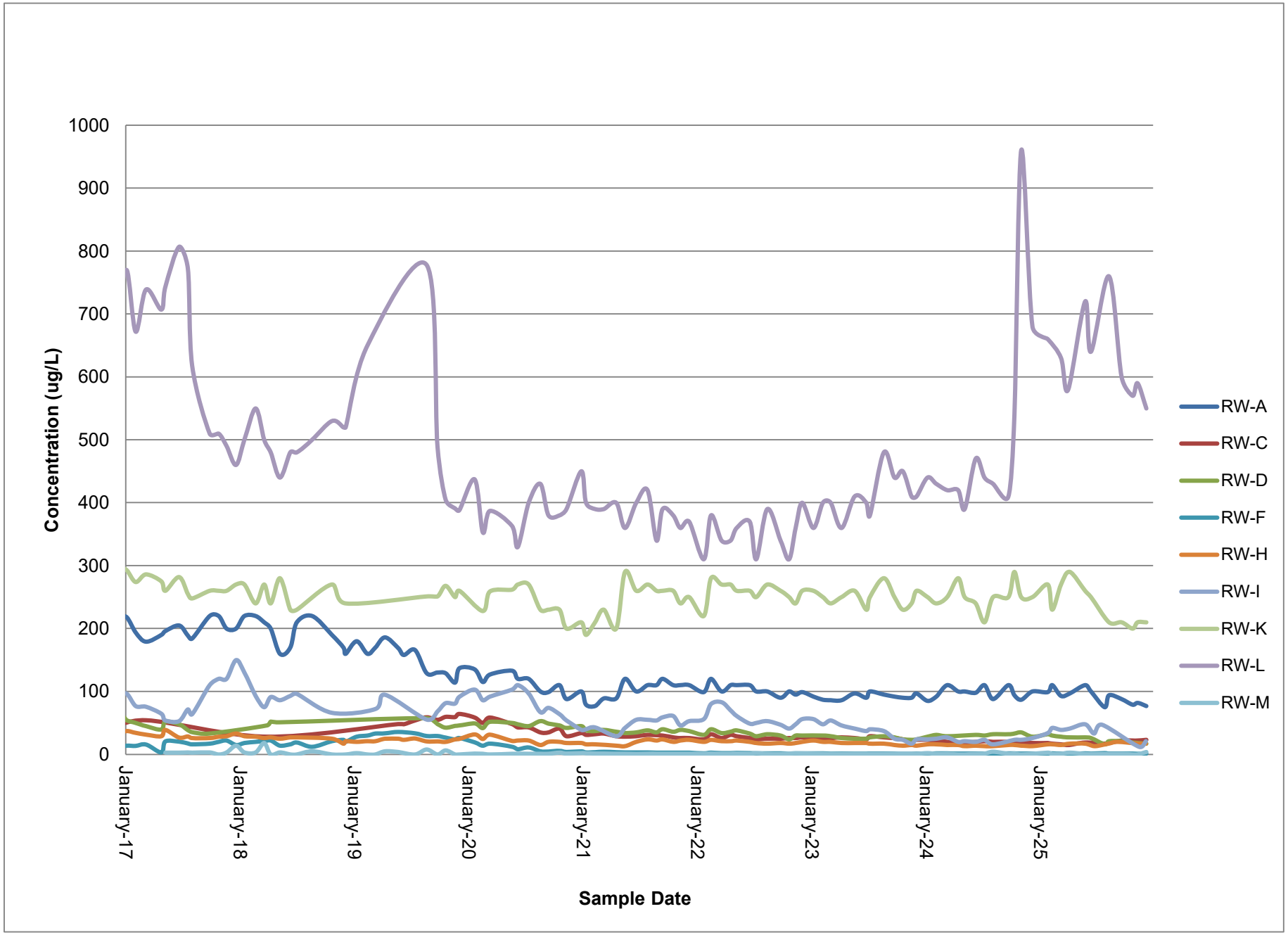


Figure 15-A. Tetrachloroethene Concentrations in Groundwater - ORS Recovery Wells 2003-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

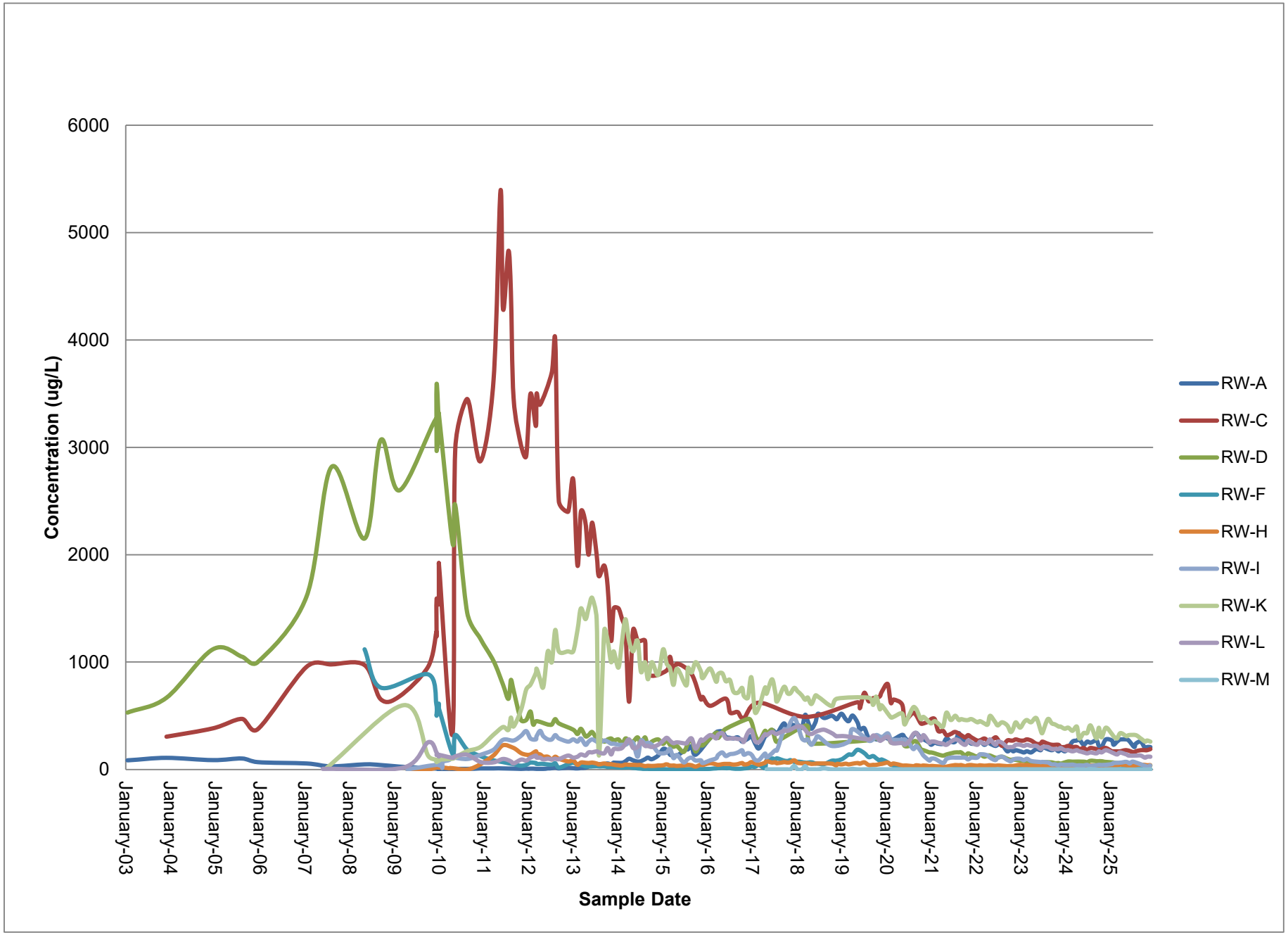


Figure 15-B. Tetrachloroethene Concentrations in Groundwater - ORS Recovery Wells 2017-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

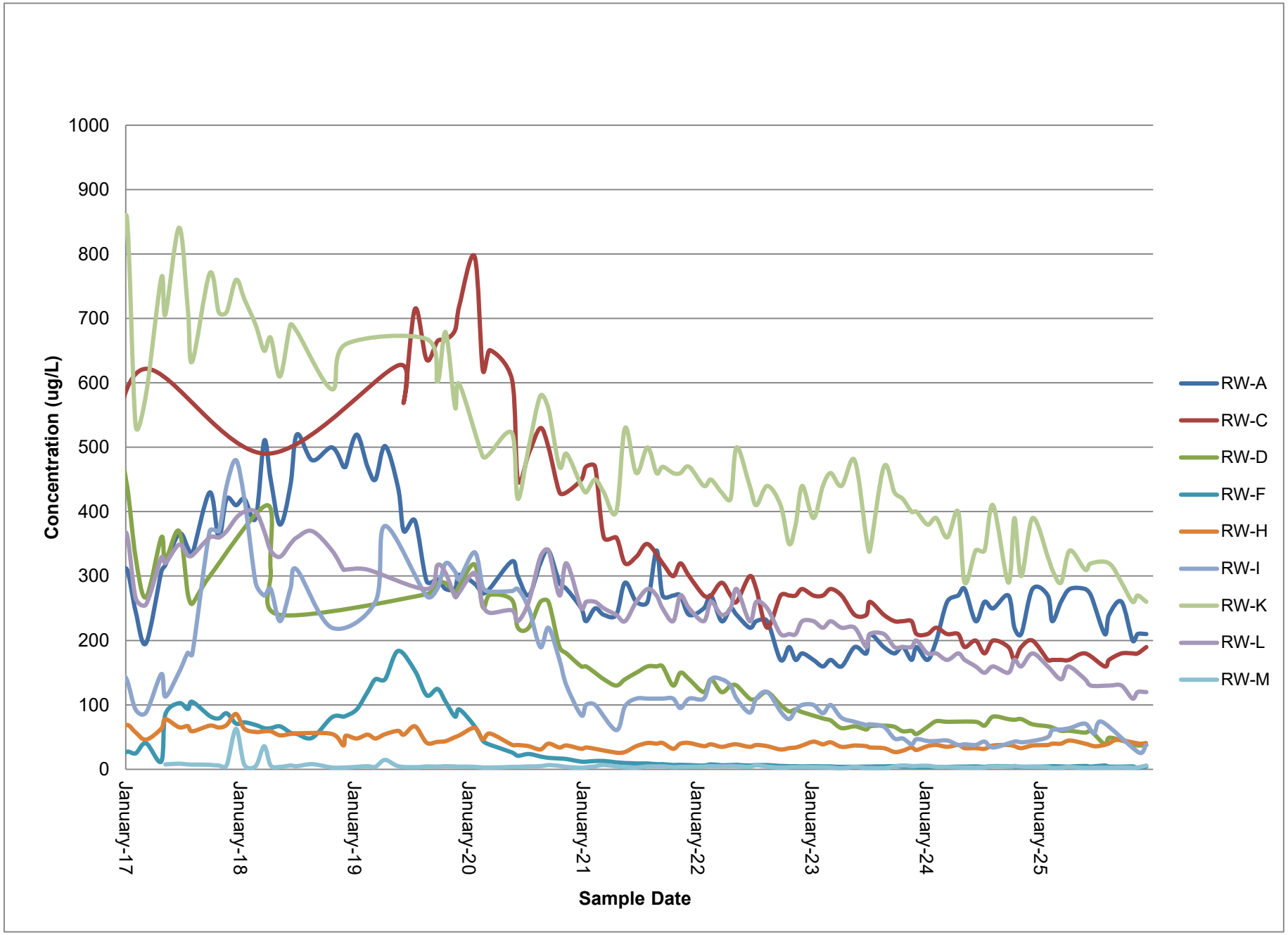


Figure 16-A. cis-1,2 DCE Concentrations in Groundwater - ORS Recovery Wells 2003-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

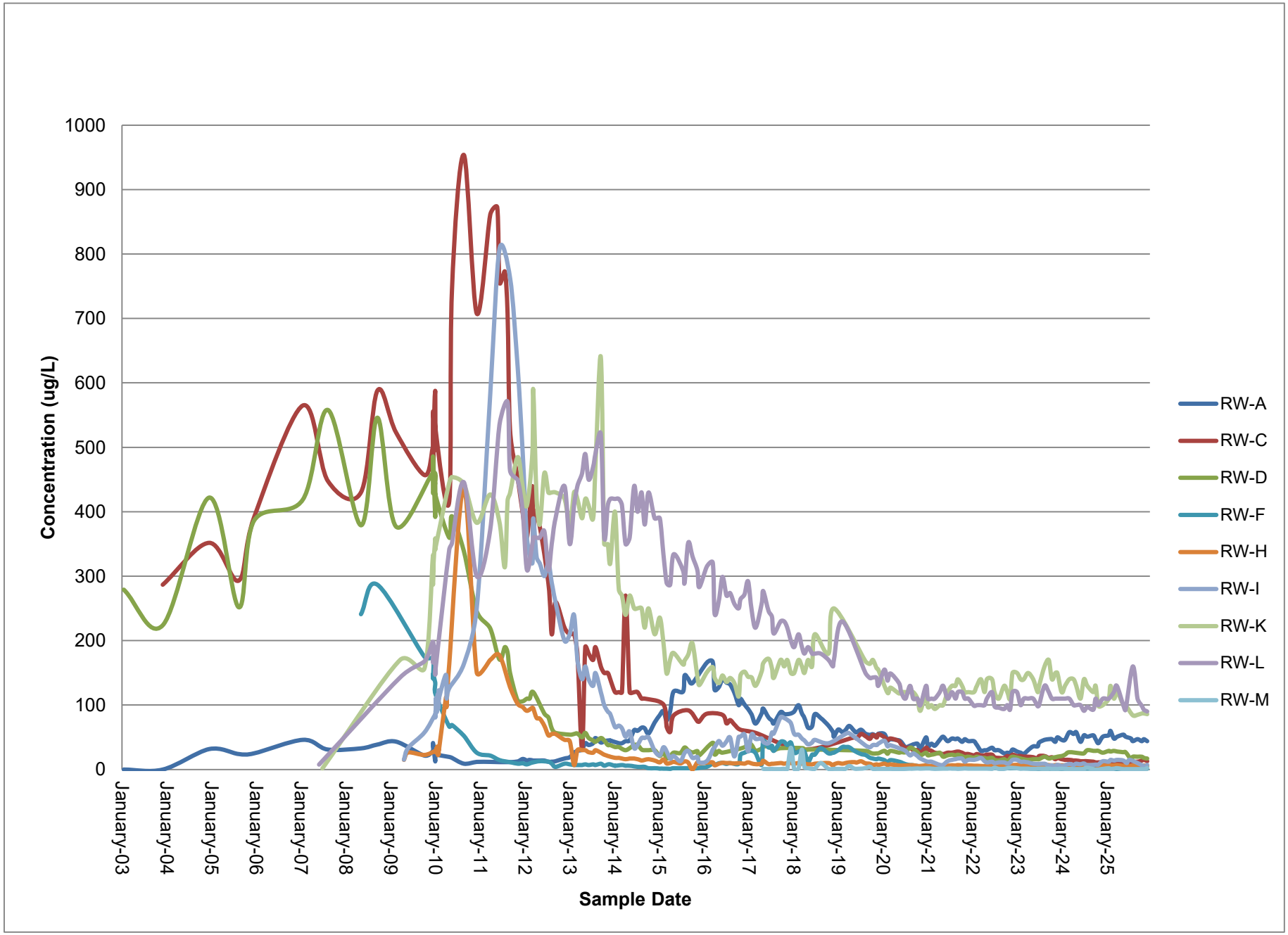


Figure 16-B. cis-1,2 DCE Concentrations in Groundwater - ORS Recovery Wells 2017-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

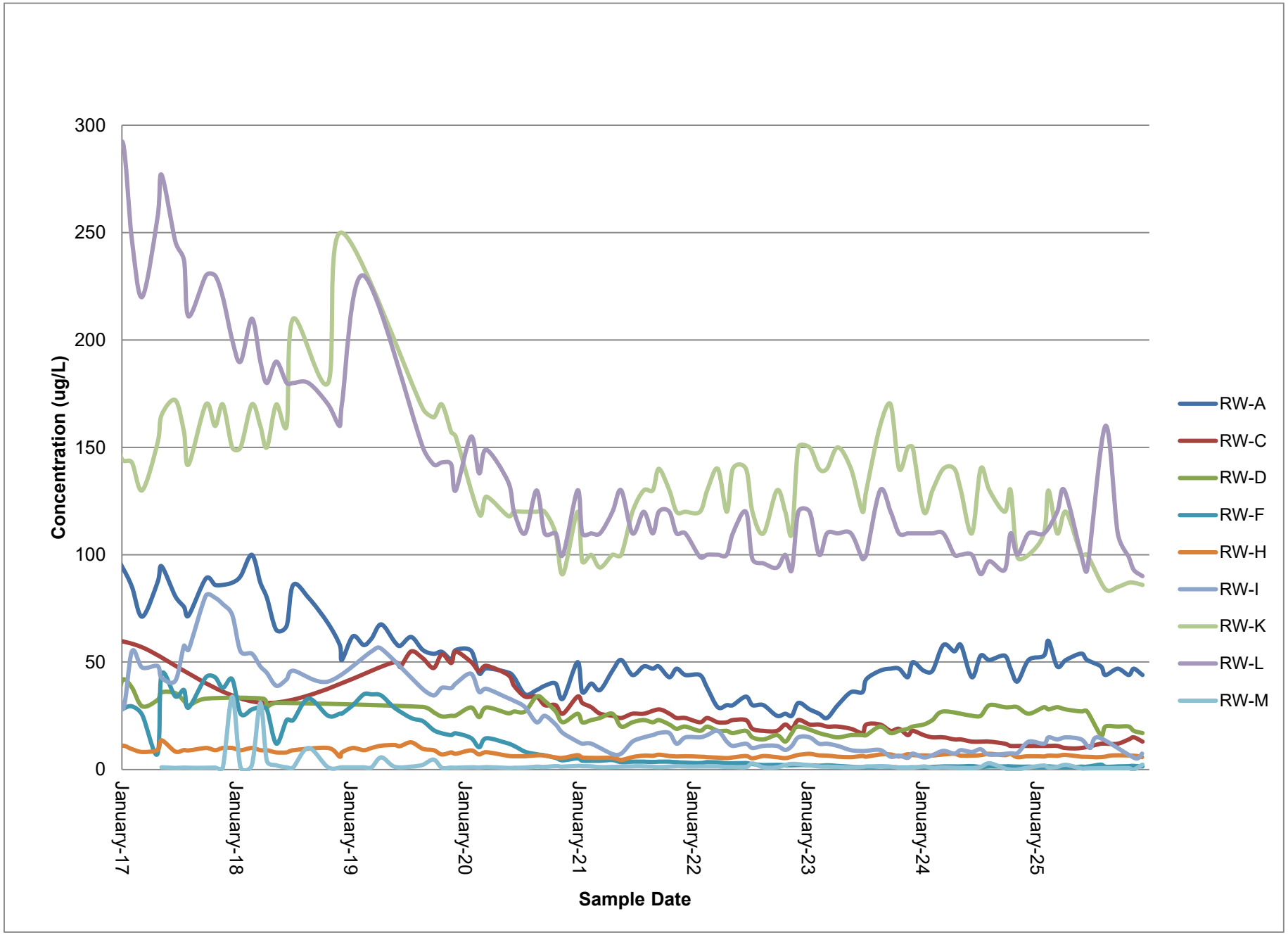


Figure 17-A. Vinyl Chloride Concentrations in Groundwater - ORS Recovery Wells 2003-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

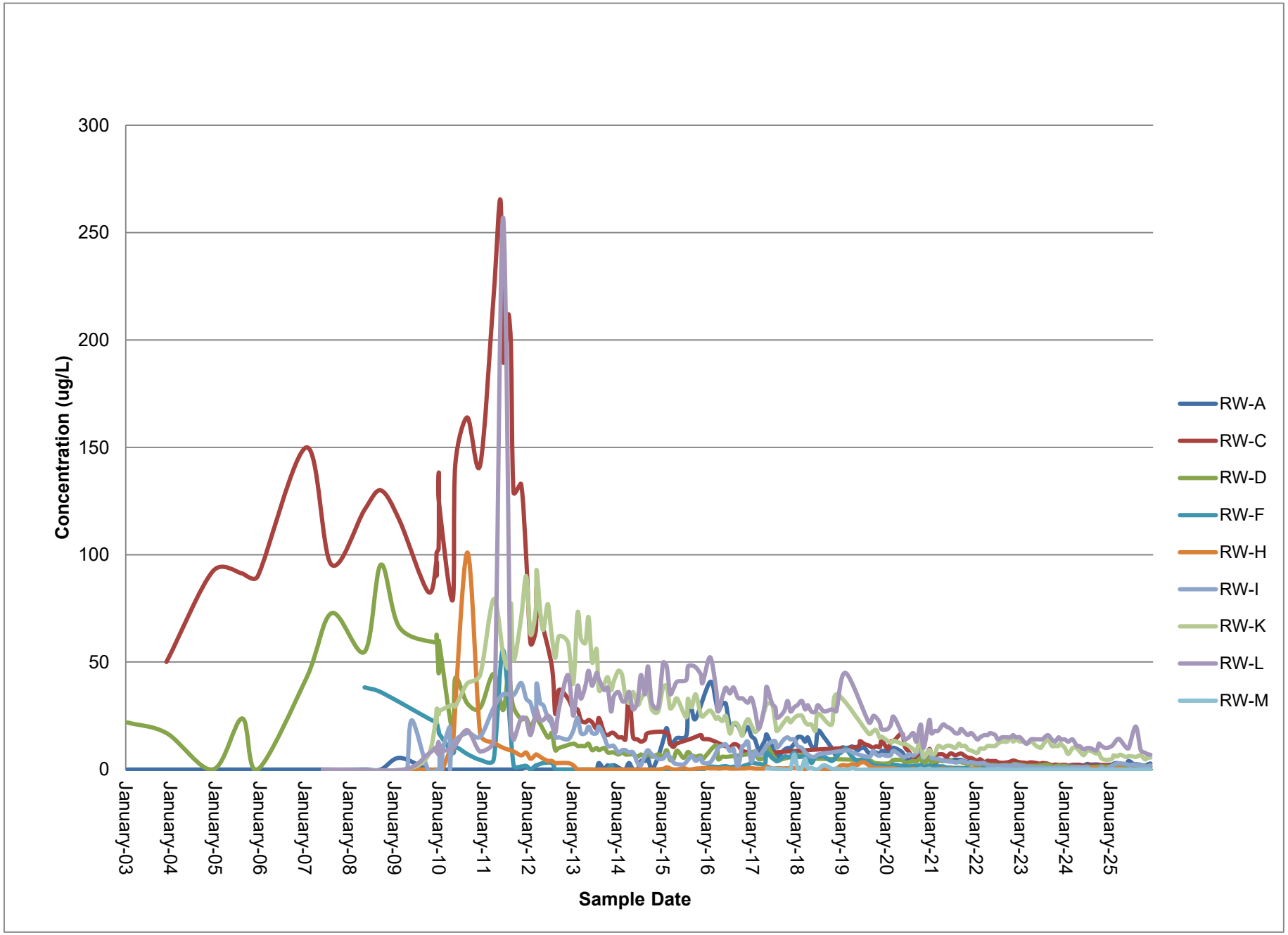
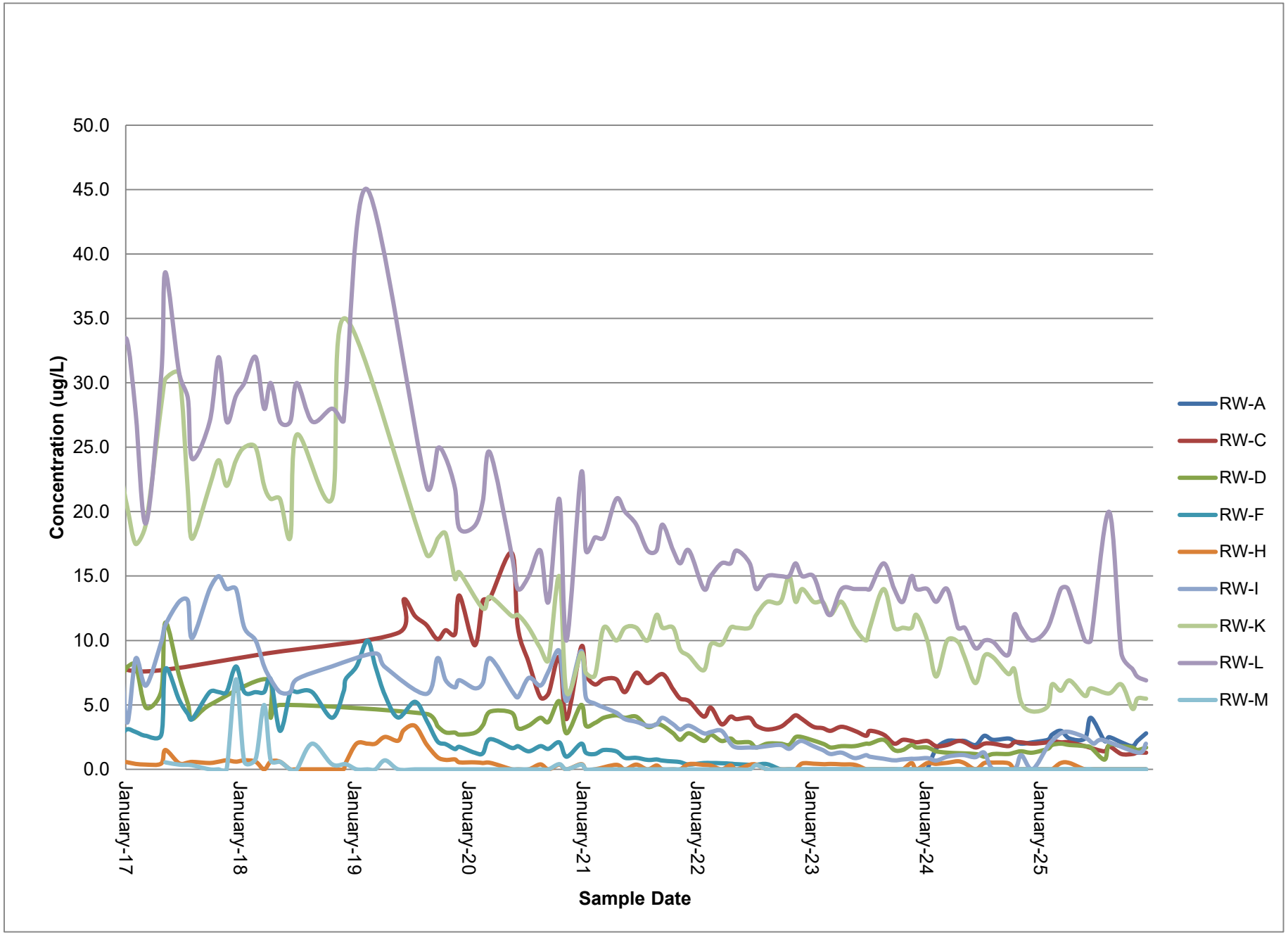
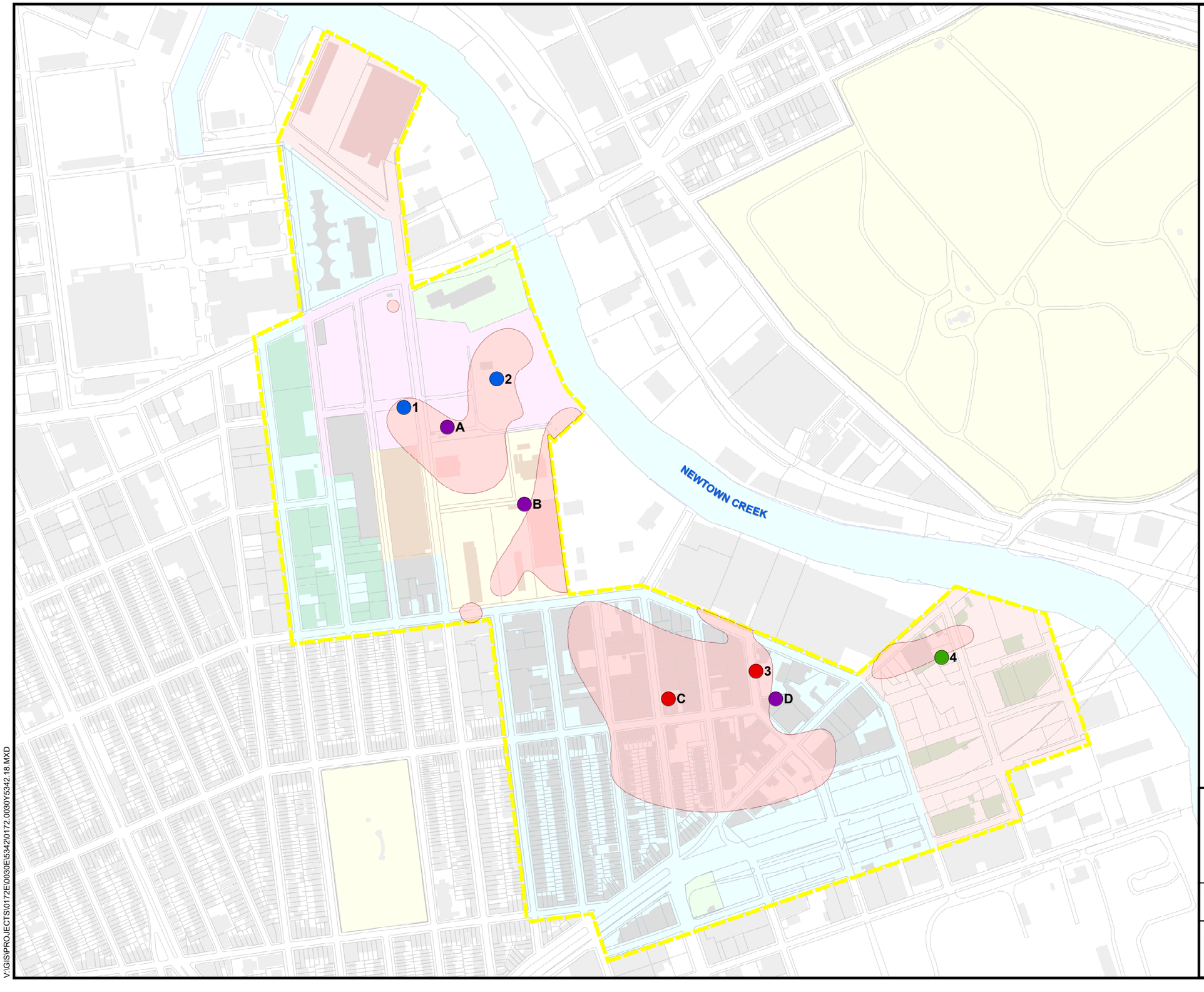


Figure 17-B. Vinyl Chloride Concentrations in Groundwater - ORS Recovery Wells 2017-Present
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York





N

LEGEND

- LOCATION OF ADDITIONAL LI-COR SURVEY MEASUREMENT
- LOCATION OF CO2 TRAP AND LI-COR SURVEY MEASUREMENT
- LOCATION OF CO2 TRAP MEASUREMENT ONLY
- REMOVED CO2 TRAP AND LICOR SURVEY MEASUREMENT
- ESTIMATED FREE-PRODUCT EXTENT (AUG 2025)
- EMGPRP SITE BOUNDARY

500 0 500'

Title:

CO2 FLUX MEASUREMENT LOCATIONS

EXXONMOBIL
GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

Prepared for:
EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

Compiled by: N.B.	Date: 02/19/26	FIGURE
Prepared by: M.S.R.	Scale: AS SHOWN	18
Project Mgr: J.C.	Project: 0172.0030Y120	
File: 0172.0030Y5342.18.mxd		

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APPENDIX A

Revised Site Conceptual Model

E&PS

March 14, 2025

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau D
625 Broadway 12th Floor
Albany, New York 12233-7013
Attn: Mr. Rafi Alam

Re: Site Conceptual Model
ExxonMobil Greenpoint Petroleum Remediation Project
Greenpoint, Brooklyn, New York

Dear Mr. Alam:

Enclosed is the revised Site Conceptual Model (SCM) for the ExxonMobil Greenpoint Petroleum Remediation Project (EMGPRP). This report has been prepared in accordance with the Corrective Action Plan (CAP) included as Exhibit 2 of the Consent Decree between the State of New York and ExxonMobil filed on March 1, 2011, in the United States District Court, Eastern District of New York (CD COD-AOD 10-133). The SCM was last submitted on March 15, 2018. Since then, additional site investigation activities have been conducted in an effort to further characterize the EMGPRP project area (Site). These investigation findings have been summarized in various reports including, but not limited to:

- Annual soil vapor reports;
- Annual groundwater monitoring reports; and
- Quarterly and annual progress reports.

These investigations have supported the conclusions presented in the original version of the Site Conceptual Model, notably that while there are areas of mobile free product, the extent of free product has been shown to remain stable or contract in areal extent since Site investigations and remediation activities began 1978. Furthermore, the more recent investigations and monitoring have demonstrated that the free-product plume is shrinking both vertically and horizontally. This SCM reflects current conditions at the Site, based on the results of investigations and remedial activities completed to date at the Site.

Should there be any questions or comments on this submission, please do not hesitate to contact me at (201) 232-4417.

Sincerely,

Michael J Burghardt
US East Supervisor

Attachment

cc: Andrew G. Frank, Esq., New York State Office of the Attorney General
Deborah Gorman, NYSDEC
Michael Murphy, NYSDEC
Michael J. Haggerty, NYSDEC
Todd Ommen, Esq., Pace University School of Law
Richard Webster, Riverkeeper
Mike Dulong, Riverkeeper
Dan Grapski, ExxonMobil
Rene Gonzalez, ExxonMobil
Christopher Proce, Roux Environmental Engineering & Geology, D.P.C.

ExxonMobil

Site Conceptual Model

ExxonMobil Greenpoint Petroleum Remediation Project

March 14, 2025

Prepared for:

NYSDEC Division of Environmental Remediation
Remedial Bureau D
625 Broadway 12th Floor
Albany, New York 12233-7013

Prepared by:

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1. Introduction

Roux Environmental Engineering and Geology, D.P.C. (Roux) has prepared this updated Site Conceptual Model (SCM) for ExxonMobil Environmental and Property Solutions Company, on behalf of ExxonMobil Oil Corporation (collectively, ExxonMobil), as part of the ExxonMobil Greenpoint Petroleum Remediation Project (EMGPRP). The EMGPRP includes the environmental investigation, monitoring, and remediation activities that ExxonMobil is performing within the project area (Site), shown on Figure 1, as defined in the Consent Decree between the State of New York and ExxonMobil filed on March 1, 2011, in the United States District Court, Eastern District of New York (Consent Decree). The Site is regulated under the oversight of the New York State Department of Environmental Conservation (NYSDEC), and in accordance with the requirements of the Consent Decree.

The boundaries of the Site are depicted in Figure 2. ExxonMobil's predecessor companies (namely Standard Oil, Standard Oil Company of New York [SOCONY], SOCONY-Vacuum Company, and Mobil Oil Corporation [Mobil]), all subsequently referred to in the Conceptual Site Plan [CSP] as ExxonMobil) historically conducted petroleum refining and distribution terminal operations within portions of the Site. The portions of the Site in which these operations occurred are collectively referred to as the "Historical Footprint," as defined in the Consent Decree.

The Consent Decree provides a description of the remediation program requirements that ExxonMobil will meet to fulfill its environmental responsibilities at the Site. The remediation program being performed by ExxonMobil within the Site is collectively referred to as the ExxonMobil Greenpoint Petroleum Remediation Project (EMGPRP). In accordance with the Consent Decree, Roux provides an up to date SCM in the Annual Progress Report each year. This SCM has been revised to reflect current conditions at the Site, based on the results of investigations and remedial activities completed to date at the Site.

Figures and plates referenced in these sections are attached at the end of this updated SCM.

2. Site Conceptual Model

The Corrective Action Plan (CAP) specifies that a SCM will be developed and updated, as needed, for the Site. A SCM can serve as a planning tool to support the decision-making process for a large-scale remediation project such as the EMGPRP. As detailed in previous reports, the Site has been characterized by multiple phases of investigation and remediation activities conducted by multiple parties on an on-going basis since 1979. As a result of these efforts, there is a substantial body of information regarding the sources of contamination and the environmental conditions at the Site. The objective of this updated SCM is to summarize the most currently available information regarding the Site to maintain an up-to-date understanding of key Site conditions, as well as facilitate the identification of data and information gaps, if any. Thus, as the SCM matures, it enables an improved understanding of the Site's physical characteristics (e.g., hydrogeologic conditions), contamination characteristics (e.g., nature and extent, migration issues); remediation system performance, and potential exposure pathways (i.e., land use changes over time); thus, in turn, improved decision making.

As specified in the CAP, the SCM for the EMGPRP has been developed to address the following key areas:

- Summary of ExxonMobil's historic operations and potential sources of contamination;
- Summary of the area-wide hydrogeologic conditions;
- Summary of the nature and extent of contamination, including fate and transport characteristics; and
- Summary of potential exposure pathways and receptors.

The SCM was updated based on the improved understanding of Site conditions resulting from the additional investigation, remediation and monitoring activities completed at the Site from 2012 to 2024.

2.1 Historic Site Operations and Potential Sources of Contamination

As part of a SCM, it is important to develop an understanding of the potential sources of contamination. Within the Site, there appears to be numerous potential contamination sources, both historic and current. The following sections present a summary of these potential sources, including those related and not related to ExxonMobil's historic operations.

2.1.1 ExxonMobil's Historic Operations and Potential Sources of Contamination

As described in Section 2 of the CSP, ExxonMobil historically owned and operated a petroleum refinery and bulk storage terminal (the former Brooklyn Refinery) within the Historical Footprint portion of the Site. This area is currently identified as operable units OU-1, OU-2, OU-3, OU-4 (except for Block 2584/Lot 15), and OU-5. The former Brooklyn Refinery also included the entirety of the former BP Terminal (currently Kinder Morgan) as shown on Figure 2.

A Site plan depicting the layout of the former Brooklyn Refinery in approximately 1955-1961 is provided in Plate 1 of the CSP. This represents the refinery, at its maximum extent, encompassing the entire Historical Footprint. The boundaries of the five operable units within the Historical Footprint and the boundaries of the former BP Terminal are overlain on Plate 1 of the CSP for geographic reference.

In the late 1800s and early 1900s, the refinery had a different layout of tanks and refinery process areas, but was contained within the same Historical Footprint. The layout of the refinery changed over time. The

historical layouts of the refinery are shown on the Sanborn Fire Insurance Maps included in Appendix A of the CSP.

The types of product historically manufactured and/or stored at the Site were typical of an operating refinery for the time period of operation. As compiled from available tank records from Geraghty and Miller as part of the 1979 USCG Investigation, these products included crude oils, various grades of fuel oil and gasoline, kerosene, various non-chlorinated petroleum-based solvents, refinery oil, refining process additives and miscellaneous refining byproducts (Geraghty and Miller, 1979). A list of tank capacities and products stored during 1949, 1961, 1962, 1963 and 1964 was provided as Table 1 of the CSP. The tank numbers on Table 1 of the CSP generally correspond to the tank numbers shown on Plate 1 of the CSP; however, due to changes in refinery tank numbering convention and the construction / replacement of tanks over time, there is not always a direct correlation.

A description of ExxonMobil's historical operations within OU-1, OU-2, OU-3, OU-4 and OU-5 were provided in the following reports, respectively:

- Revised OU-1 Site Characterization Investigation Report dated April 25, 2014;
- OU-2 Alternative Analysis Report dated January 30, 2014;
- OU-3 Alternative Analysis Report dated February 16, 2018;
- Comprehensive Site Investigation Report dated March 2009 (OU-4); and
- OU-5 Investigation Summary Report dated November 26, 2013.

ExxonMobil did not conduct any petroleum refinery or terminal operations within Block 2584/Lot 15 of OU-4, OU-6, OU-7, or OU-8 (outside the Historical Footprint).

ExxonMobil historic operations described above represent locations where petroleum products and wastes were handled and could have been potentially released into the environment. These operations have been, and will continue to be considered, when developing the scope of work and sampling locations for future subsurface investigations, if any, throughout the Site. Free-product potentially released from the historic operations represents a potential source of contamination to soil, groundwater and soil vapor. As was described in Section 3.2.1 of the CSP, recovery of free-product has been and continues to be a primary focus of the on-going remedial actions at the Site.

2.1.2 Other Potential Sources of Contamination

The industrial history of the Greenpoint area has included sugar refineries, tanneries, canneries, copper wiring plants, oil refineries and a manufactured gas plant. Historical municipal uses have included sewage treatment and disposal, waste incineration, and land filling of wetlands in the late 1800s to prepare for development within the Site area. Although waterfront industrial activities have declined over the years, there currently exists a wide range of manufacturing, wholesale distribution, solid waste handling, oil storage and distribution, and municipal uses throughout the Site.

As a result of this history, the environmental conditions within the Site have been impacted by numerous other potential sources of contamination, in addition to ExxonMobil's historical operations. A discussion of some of the additional potential sources of contamination is provided below.

2.1.2.1 Historical Urban Development

Prior to the mid-1800s, a large portion of OU-4 and OU-5, as well as other areas within and adjacent to Site, were comprised of wetlands associated with Newtown Creek. These areas were filled by various entities in order to claim the land for future development activity. The locations of marshlands and the ancestral extent of Newtown Creek prior to development, as of 1844, are on an historical United States Coast Survey (USCS) chart provided as Figure 8 of the CSP. The boundaries of the Site and various operable units have been added as an overlay for reference to current site conditions. As can be seen from review of Figure 8 of the CSP, large portions of OU-1, OU-2, OU-3, OU-4, OU-6, the Kinder Morgan Terminal and former Paragon Oil Terminal existed as vacant marshland in 1844.

Landfilling within the Site and adjacent to the Site, and all along Newtown Creek, was managed by local municipal government. Available information indicates that fill often consisted of various waste materials being generated at the time the filling operation was conducted. These materials are documented as including, but may not be limited to: refuse, garbage, ashes, factory wastes, and other waste materials.

2.1.2.2 Other Oil Company Operations (Non-ExxonMobil)

Within and adjacent to the Site, numerous other oil company operations are potential sources of contamination. As documented in Section 2.3 of the CSP, two adjacent sites where petroleum operations are currently conducted include the Kinder Morgan Terminal, the Metro Fuel Oil Terminal, and the former Paragon Oil Terminal. The Kinder Morgan Terminal has been the site of multiple releases that occurred following ExxonMobil's divestment of the property. Remediation activities are being conducted by Kinder Morgan pursuant to a NYSDEC Consent Order. The Metro Fuel Oil Terminal has also had documented releases and is under the regulation of the NYSDEC.

The former Paragon Oil Terminal is an adjacent site where remediation of contamination from historical terminal operations is being conducted by Chevron pursuant to a NYSDEC Consent Order. In addition, at the corner of Varick and Bridgewater Streets, Paragon and a subsequent owner operated a gasoline station that has been identified in a recent investigation by NYSDEC as a source of methyl tertiary butyl ether (MTBE) in groundwater.

In addition to the above, New York Oil Recovery, Inc. operates a petroleum bulk storage and distribution terminal on Hausman Street between Norman and Nassau Avenues. Also within the Site is an active petroleum pipeline operated by Buckeye Pipeline Company.

There are also other former service stations within and around the Site, as well as petroleum underground storage tanks (USTs) associated with other commercial establishments and residential use.

The operations described above are all potential sources of contamination within the Site.

2.1.2.3 Waste Transfer Operations

The city blocks underlying the elevated Brooklyn-Queens Expressway to the east of Varick Street have been the location of waste transfer operations for decades. The facilities are potential sources of contamination given the large quantities of waste materials handled by these operations.

2.1.2.4 Other Commercial / Manufacturing Operations

A wide range of manufacturing and commercial establishments operate across the entire Site and upgradient of the Site. As described in Section 3.1.2.9 of the CSP, ExxonMobil identified elevated concentrations of chlorinated solvents during its investigation of soil vapor beneath OU-7. The presence of elevated CVOC concentrations within the Site is unrelated to ExxonMobil's historic operations in Brooklyn, as affirmed by the NYSDEC's letter, dated December 19, 2014, which outlines the NYSDEC's concurrence with ExxonMobil's June 20, 2014 report titled "Report to Overcome Presumption of Responsibility for Chlorinated Volatile Organic Compounds within the ExxonMobil Greenpoint Petroleum Remediation Project Site" and the NYSDEC's determination that ExxonMobil's historic operations are not the source of the CVOC contamination within the Site. Given the large area of the Site and the number of commercial/industrial establishments, additional non-ExxonMobil sources of contamination will likely be encountered during the EMGPRP.

2.2 Area-Wide Hydrogeologic Conditions

The hydrogeologic conditions within various areas of the Site have been characterized during several previous investigations as described in Section 3.1 of the CSP, and during the additional investigations and monitoring activities conducted from 2011 through 2024. These investigations included the installation of monitoring and recovery wells, soil borings, CPT borings, reviews of published reports regarding the Site, and reviews of well records obtained from the NYSDEC. The investigations also included aquifer testing (both slug testing and pump tests), geotechnical analysis, and extensive gauging of groundwater and surface-water levels. Plate 1 provides a Site Plan depicting the locations of many of the wells and borings that have been completed on behalf of ExxonMobil.

The SCM of hydrogeologic conditions is described below based upon the collective results of the prior investigations. The focus of the discussion is on the key hydrogeologic conditions that influence the nature and extent, migration and remediation of contamination at the Site.

2.2.1 Stratigraphy

The stratigraphic units underlying the Site consist primarily, from land surface down, of: artificial fill, fluvial sediments and marsh deposits associated with the former Newtown Creek bed (i.e., historical creek and marsh sediments), glacially-deposited sediments (i.e., glacial drift), and bedrock. The glacial drift beneath the Site includes both glacial till and glacial outwash. Generalized hydrogeologic cross-sections depicting the conditions beneath the Site are located in the CSP and the Site Characterization Reports and Investigation Summary Reports specific to each OU. A description of the various stratigraphic units is provided below.

2.2.1.1 Artificial Fill

The fill unit occurs at the surface throughout the Site, with a maximum observed thickness of approximately 30 feet. This fill unit is mostly the result of a history of land reclamation in support of the industrial development along Newtown Creek from the mid-1800s onward. The fill unit is generally thickest in those sections where the historical marshlands were filled prior to development and along the bank of Newtown Creek. The fill material consists of varying amounts of sand, gravel, silt, cobbles, brick, cinders, wood, metal, ash, concrete, and glass. Within the vicinity of Newtown Creek, the fill material, at times, is composed of a larger percentage of fine-grained material and clay, likely as a result of tidal action reworking the fill material.

2.2.1.2 Historical Creek and Marsh Sediments

Immediately underlying the fill material portions of the Site is a layer of fine-grained sediments. The areal extent of the fine-grained layer generally matches the areal extent of tidal salt marshes prior to development in the mid-nineteenth century as presented on Figure 8 of the CSP. Some of the key geographic features shown on Figure 8 are the much greater width of Newtown Creek, as compared to its current configuration, and the significant extent of marshland along Newtown Creek, on both banks, for the majority of its length.

As shown in Figure 8 of the CSP, in 1844, a salt marsh with an area of approximately 200 acres existed within the area of OU-1 through OU-4 and extends beyond the Site boundary to the northwest. The southern border of this salt marsh generally corresponds with the southern border of the former Brooklyn Terminal. Based on the available monitoring well and soil boring logs, the deposits of this tidal area typically consist of grey silty clay, with some organics (peat), in the vicinity of Newtown Creek and grade to a clayey silt/silt in the areas further away from Newtown Creek. Such deposits are consistent with the former presence of a salt marsh in this area. These fine-grained sediments form a layer that extends laterally into the base deposits of Newtown Creek. Where present, this layer typically ranges from 5 to 15 feet in thickness.

The historical creek and marsh sediment layer that overlies the glacial drift deposits is a significant hydrogeologic unit within the SCM because, where present and competent, it acts as a semi-confining unit for the potential migration of both groundwater and free-product. In discussing the hydrogeologic framework, it is referred to as the shallow confining unit. This layer has a significant impact on estimated historic and current free-product extents beneath OU-1 through OU-4 and along the border between OU-7/OU-8, and the former Paragon Oil Terminal / Apollo Street parcels.

2.2.1.3 Glacial Deposits

Glacial deposits are present and continuous throughout the subsurface at the Site, as well as in the region surrounding the Site. In a regional hydrogeologic context, the saturated glacial deposits are referred to as the Upper Glacial Aquifer. As part of the EMGPRP, these saturated deposits have been, and will continue to be, referred to as the regional aquifer.

The glacial deposits are comprised of both outwash deposits and till. The outwash deposits are typically well-sorted sand deposits with occasional silt/clay layers, while the till is typically a dense, poorly-sorted deposit consisting of varying amounts of sand, silt, clay, gravel, and cobbles. Outwash deposits and till can be continuous regional deposits or localized, discontinuous, inter-bedded layers that result in a fairly complex, heterogenic, glacial deposit. At locations where both types of deposits are present, the outwash deposits usually overlie the till.

The areal extent and thickness of outwash deposits increases in a southerly direction across the Site. The outwash deposits beneath the southern portion of Site (OU-7 and OU-8) are typically comprised of medium to coarse sand and gravel, while the outwash deposits beneath the northern half of the Site are typically fine to medium sand. Glacial till, where present, is characterized by a significantly lower hydraulic conductivity than the outwash sediments and, therefore, acts as a confining or semi-confining unit to groundwater and free-product.

The distribution of glacial outwash deposits and till is important within the SCM because the outwash deposits of the regional aquifer are characterized by a significantly larger transmissivity than the glacial till; therefore,

groundwater and potential free-product would tend to reside within and preferentially migrate through the outwash deposits.

2.2.1.4 Bedrock

Based on regional geologic literature, beneath the unconsolidated deposits is pre-Cambrian aged bedrock. The regional literature and United States Geological Survey (USGS) well records indicate that the depth to bedrock increases in a southerly direction across the Site in direct correlation with the increasing thickness of the glacial deposits described above. Records of USGS monitoring wells indicate that bedrock surface elevation is approximately 75 feet below mean sea level (ft bmsl) at the intersection of Greenpoint Avenue and Newtown Creek. The bedrock surface elevation is greater than 150 ft bmsl in the southern portion of the Site (i.e., beneath OU-7 and OU-8). To date, bedrock has only been encountered during the installation of three soil borings installed on behalf of ExxonMobil within the 410 Kingsland Avenue property starting at a depth ranging from 88 to 104.5 feet below land surface.

2.2.2 Hydrogeologic Units

The foregoing stratigraphic units underlying the Site form three distinct hydrogeologic units that are significant to the investigation and remediation activities at the Site, including:

1. The shallow aquifer
2. The shallow confining unit
3. The regional aquifer

A description of each hydrogeologic unit is provided in the following sections.

2.2.2.1 Shallow Aquifer

The shallow water bearing zone that is primarily comprised of the saturated fill materials deposited above the historical creek and marsh sediments has been referred to during the EMGPRP as the shallow aquifer. Based upon this relationship, the areal extent of the shallow aquifer should generally correspond to the limits of the historical creek and marsh sediments. Consistent with this information, the prior investigations have confirmed the extent of the shallow aquifer is limited to the majority of OU-1, OU-2, OU-3, OU-4, OU-6 and the northern portion of OU-5, as well as beneath the northern extent of the adjacent Kinder Morgan Terminal and intermittently beneath the former Paragon Oil Terminal.

The saturated thickness of the shallow aquifer is typically between approximately 10 and 20 feet. The hydraulic conductivity of this unit can vary widely over short distances due to the heterogeneity of the historical fill materials. The calculated hydraulic conductivity values for the shallow aquifer beneath OU-4 range from 0.64 to 84 feet per day (ft/day) (Roux, 2009a). The highest hydraulic conductivity values are likely indicative of coarse fill material (i.e., mostly gravel, and varying amounts of medium to coarse sand, brick, concrete). Excluding areas of very coarse fill (i.e., four monitoring well locations with the largest values of hydraulic conductivity), the average calculated hydraulic conductivity of the shallow aquifer is approximately 3.3 ft/day.

Groundwater elevations in the shallow aquifer appear to respond to precipitation events due to the limited thickness of the unit and the presence of the shallow underlying low permeability layer. As a result, the shallow aquifer has been characterized as exhibiting perched water-table characteristics. In addition, it is important to note that, despite being referred to by name as the “shallow aquifer,” this unit has limited areal

extent and thickness. As a result, the shallow aquifer does not meet the typical definition of an aquifer, in that it cannot yield water at sustained pumping rates typically required for water supply purposes.

2.2.2.2 Shallow Confining Unit

This unit corresponds to the historical creek and marsh sediments described in Section 2.2.1.2. As previously noted, the areal extent of the shallow confining unit generally corresponds to the depositional environment of the historical creek and marshland shown in Figure 8 of the CSP. The unit is typically between five and ten feet in thickness, and thins out inland, away from the ancestral marsh line and banks of Newtown Creek. It is characterized by very low hydraulic conductivity such that, where it is present and competent, it isolates the shallow aquifer from the underlying regional aquifer and causes confined or semi-confined conditions within the regional aquifer. A contour map of the elevations of the base of the shallow confining unit beneath the OU-4 and adjacent OU-5 is provided on Figure 9 of the CSP. The SRSER (Roux, 2011b) provides additional detail that outlines the key characteristics that illustrate that the shallow and regional aquifers are separate units, and separated by the shallow confining unit.

The shallow confining unit is an important hydrogeologic unit within the SCM because of its influence on potential free-product and groundwater migration, as well as corresponding recovery efforts. In addition, the shallow confining unit complicates the interpretation of free-product thickness measurements in monitoring wells because of an apparent exaggeration effect caused by the semi-confined conditions. The influence and effects of this layer are further discussed in Section 2.3.1.2.

2.2.2.3 Regional Aquifer

The regional aquifer is comprised of the glacial deposits underlying the Site. In the northern portion of the Site, the low permeability, shallow semi-confining unit typically acts as an aquitard that separates the regional aquifer from the overlying shallow aquifer. The degree to which the regional aquifer is confined or semi-confined decreases as one moves south across the Historical Footprint. Beneath most of OU-1, OU-2, OU-3, OU-4 and OU-6, and at the shores of Newtown Creek (including beneath most of the Former Paragon Oil Terminal and parts of the Kinder Morgan Terminal) the regional aquifer exists under confined or semi-confined conditions. In these locations, the base of the shallow confining unit described above is present near or below sea level, confining the regional aquifer and causing the shallow aquifer to be formed above it.

The regional aquifer exists under unconfined or semi-confined conditions within a majority of OU-5 and the Kinder Morgan Terminal. The regional aquifer is unconfined throughout the majority of the OU-7 and OU-8 areas. This was determined based on observations made during the completion of soil borings, the pore pressure as detected during the completion of CPT borings, and the response of fluid levels in monitoring wells.

Hydraulic conductivity in the regional aquifer can vary between OU-4/OU-5 and OU-7/OU-8. Geologic boring logs indicate that the regional aquifer beneath OU-4 is composed primarily of fine to medium grained sands, with varying amounts of silt and coarser materials. Geologic boring logs indicate the regional aquifer beneath the OU-7 and OU-8 is composed primarily of coarse sands and gravels with varying amounts of finer materials. Calculated hydraulic conductivity from slug tests performed in monitoring wells located within the regional aquifer beneath the former Kingsland Terminal portion of OU-4 range from 0.06 ft/day to 26 ft/day (Roux, 2009a). Constant-rate aquifer tests performed in OU-7 and OU-8 indicate hydraulic conductivities that range from 27 ft/day to 525 ft/day, but average approximately 200 ft/day (Roux, 2003).

2.2.3 Groundwater Elevation and Flow Patterns

As indicated above, the regional aquifer is the primary water bearing unit beneath the Site and the surrounding area. The shallow aquifer, with a saturated thickness typically between 10 and 20 feet, is also present in regions of the Site including OU-1, OU-2, OU-3, OU-4, OU-6 and smaller portions of OU-5, the Kinder Morgan Terminal and the former Paragon Oil Terminal.

Absent of the influence of groundwater extraction activities, groundwater flow directions in the shallow aquifer and regional aquifer would be towards the east. However, groundwater extraction has been ongoing and will continue for the duration of the current free-product recovery efforts. Current groundwater flow conditions are described below.

2.2.3.1 Shallow Aquifer

Groundwater flow in the shallow aquifer is depicted in Plate 2 based upon the results of the gauging event conducted on October 3, 2024. None of the EMGPRP remediation wells extract groundwater from the shallow aquifer; therefore, the pumping of groundwater from the recovery wells in the regional aquifer has limited influence on the shallow aquifer groundwater elevations. Additionally, the shallow aquifer does not appear to be influenced by the tidal fluctuations of Newtown Creek, as described in Section 4.2.4 of the Comprehensive Site Investigation Report submitted to the NYSDEC on March 26, 2009.

As shown on Plate 2, groundwater flow across OU-1, the eastern halves of OU-3 and OU-4, and the southern section of OU-4 is generally east to northeast, while flow across the rest of OU-4 and all of OU-6 is primarily west to northwest. There are additional areas of perched water, as indicated by monitoring wells with high groundwater elevations, within OU-5 (i.e., MW-44), the Kinder Morgan Terminal, and the former Paragon Oil Terminal. However, these conditions appear to be intermittent and not connected.

2.2.3.2 Regional Aquifer

Groundwater flow in the regional aquifer is depicted on Plate 3, based on the October 3, 2024 gauging event. As shown on Plate 3, under pumping conditions, general horizontal groundwater flow within the regional aquifer beneath OU-4, OU-5, OU-7 and OU-8 is towards operating EMGPRP recovery wells. Within OU-1, there is a relatively flat hydraulic gradient, but groundwater flow in the regional aquifer appears directed to the southwest. Groundwater elevations and flow in the regional aquifer beneath OU-1 do not appear to be directly influenced by the pumping from the EMGPRP recovery wells.

Groundwater flow within the northern half of OU-6 is generally east to southeast towards OU-4. In the southern half of OU-6, groundwater flow is generally east to northeast towards OU-4 and OU-5.

As shown on Plate 1, the majority of the Off-Site Free-Product Recovery System (ORS) recovery wells are located within OU-7. Groundwater extraction in this area has resulted in the drawdown of groundwater from typical background groundwater levels that would be measured absent groundwater extraction. Drawdown, as a result of the free-product recovery efforts throughout the Site, was evaluated in the Recovery System Evaluation Report (RSER), dated July 19, 2010, the Supplemental Recovery System Evaluation Report (SRSER), dated May 27, 2011, the five-year RSER 2012-2017, dated June 13, 2018, and the five-year RSER 2018-2022, dated June 13, 2023, and continues to be evaluated as part of on-going monitoring activities. Groundwater elevations based on monitoring well measurements suggest drawdown ranges from approximately two feet along the edge of estimated free-product accumulations beneath OU-7 and OU-8, to approximately six feet in the center of OU-7, near the active recovery wells.

At monitoring well clusters within the unconfined regional aquifer, groundwater elevations typically vary between shallow monitoring wells screened at the water table and the adjacent deeper monitoring wells. The groundwater elevations suggest there is typically a downward vertical gradient towards active recovery wells through the unconfined regional aquifer under pumping conditions.

These general groundwater flow conditions have been repeatedly documented by numerous, previous monitoring events. As previously stated, local horizontal groundwater flow direction varies across the OUs, depending on pumping rates and proximity to nearby recovery wells, but is typically orientated towards the nearest recovery wells.

2.2.3.3 Regional Aquifer Tidal Fluctuations

Tidal fluctuation of surface water levels in Newtown Creek appears to influence groundwater levels adjacent to the Creek, and these influences are observed in monitoring wells screened within the regional aquifer. The magnitude of the tidal influence on groundwater levels typically decreases with increasing distance from the Creek. As described in Section 4.2.3.3 of the CSP, tidal influence is either not discernible or is negligible at distances greater than approximately 200 feet from Newtown Creek. Tidal influences are important within the context of the SCM because the changes in groundwater levels affect groundwater and potential free-product migration, as well as the effectiveness of various free-product recovery technologies.

2.2.4 Historical Regional Groundwater Pumping Effects

Brooklyn, as well as almost all of New York City, currently receives potable water from upstate New York reservoirs via an aqueduct system. However, Brooklyn once depended exclusively on groundwater for both industrial and public water supply. The historical operations of industrial and public water supply pumping wells in the borough of Brooklyn had a significant impact on regional and site-specific groundwater conditions (Geraghty and Miller, 1979; Buxton *et al.*, 1981).

At the beginning of the twentieth century, groundwater pumping rapidly escalated in response to rapid industrial and residential development while, at the same time, aquifer recharge was significantly reduced due to the reduction in storm-water infiltration area from urban development. Groundwater withdrawal from the regional aquifer was so extensive that, in combination with reduced aquifer recharge capacity, the water table throughout the entire borough of Brooklyn became significantly depressed. By the mid-1930s, the water table in the center of this cone of depression was approximately 35 feet below mean sea level (Buxton *et al.*, 1981). The center of this cone of depression was located only a few miles to the south of the Site.

The extensive groundwater pumping effectively reversed the direction of groundwater flow in most areas adjacent to major surface water bodies, including the Site. The reversal of flow resulted in the intrusion of saltwater from the adjacent surface water bodies into the regional aquifer and subsequent chloride contamination of Brooklyn's groundwater supply. By the 1940s, the substantial chloride contamination forced the closure and relocation of many public water supply wells (Buxton *et al.*, 1981). In 1947, all public water-supply groundwater pumping ceased in the borough of Brooklyn due to extensive chloride contamination and Brooklyn began depending exclusively on potable water supplied by the City's aqueduct system constructed in the 1920s. Although the water table began to recover following the cessation of pumping (Buxton *et al.*, 1981), it did not return to pre-development levels until the 1970s. Historical sampling of groundwater at the Site has documented the continued presence of high total dissolved solids, sodium and chloride levels as a result of the former public water supply pumping.

The depressed groundwater levels due to past groundwater pumping appear to be directly correlated with the potential, historic migration pathways of free-product within OU-7 and OU-8. This association is described below in Section 2.3.1.1.

2.3 Nature and Extent of Contamination

The nature and extent of contamination within various areas of the Site has been characterized during several previous investigations completed at the Site. These investigations included the assessment for and delineation of free-product across the Site, where present, and the collection and analysis of groundwater samples, soil samples, and soil gas in an effort to characterize contamination within these media in various areas. Plate 1 provides a Site Plan depicting the locations of many of the wells and borings that have been completed on behalf of ExxonMobil.

The SCM summary of the nature and extent of contamination is described below based upon the collective results of the prior investigations.

2.3.1 Free-Product

The following sections describe the historical and current, estimated extent of free-product within the Site, as well as the composition of the free-product within various areas of the Site.

2.3.1.1 Free-Product Occurrence and Migration

As described in previous reports and above, numerous investigations have been conducted in an effort to delineate the extent of free-product, where present, beneath various portions of the Site. During the course of these investigations, recovery of free-product has also been conducted on an on-going basis in various portions of the Site. As new information has been developed and evaluated over time, there has been an improved understanding of the estimated, historical extent of free-product beneath the Site. These evaluations have been documented in numerous reports, including, but not limited to, the CSP, 5-year RSERs, RSER, SRSER, Product Recovery Optimization Feasibility Study Report (PROFSR), the 2013 Site-wide Groundwater Investigation Summary Report, the annual Site-wide Groundwater Monitoring Reports submitted from 2014 to 2024 and on-going Quarterly and Annual Progress Reports. During the development of the CAP (Attachment A of the Consent Decree), an evaluation of all historical investigation information was conducted and reviewed with the NYSDEC in an effort to delineate the area believed to encompass the maximum historical extent of free-product beneath the Site. This evaluation included a review of all historical free-product delineation, monitoring well gauging data, all geologic logs that suggested potential evidence of free-product (i.e., staining and odor), and the location of potential source areas (e.g., product storage locations).

Plate 4 depicts the estimated historical extent of free-product in the regional aquifer based upon the results of the evaluation completed during previous investigations. As shown, the estimated, historical extent of free-product corresponds to the Historical Footprint, as well as a large portion of OU-7 and OU-8 to the south. Plate 4 does not specifically address the portion of the Historical Footprint located north of Greenpoint Avenue. However, based upon previous investigation results, free-product was present in the regional aquifer across portions of the Historical Footprint to the north of Greenpoint Avenue (i.e., OU-1). As described in Section 3.2.4 of the CSP, NYC's construction of the WPCP on the former Northern Crude Yard required vertical sheeting around the entire block, dewatering and removal of all soil to a depth of 30 ft bls. It is believed this construction action resulted in removal of all free-product from this parcel (i.e., OU-2).

The historical regional water-supply pumping (see Section 2.2.4) and local stratigraphy (see Section 2.2.1) have both influenced the potential migration and distribution of free-product accumulations, where present, beneath the Site. The effects of each of these factors have been documented in multiple reports for various areas of the Site and are briefly summarized below.

The existence of a depressed water table beneath the EMGPRP, caused by pumping influences noted above, may have allowed free-product, where present, to migrate deeper within the aquifer(s) than it would have otherwise. In addition, the reversal of the hydraulic gradient due to the historical pumping caused preferential migration of free-product to the south, away from Newtown Creek, toward inland areas. The local stratigraphy also appears to have influenced this direction of migration. As described in Section 2.2.1, the outwash deposits that comprise the regional aquifer beneath OU-7 and OU-8 are orders of magnitude more permeable than the low permeability sediments associated with the historical banks of Newtown Creek beneath the former BP Terminal, the Apollo Street Parcels and the former Paragon Oil Terminal. The existence of the reversed gradient, coupled with the high hydraulic conductivity of the regional aquifer, resulted in the apparent historical southward migration of free-product from the Historical Footprint into the OU-7 area.

Geraghty and Miller (1979) noted that the operation records of several industrial wells present within the OU-7 area during the period of water-supply pumping indicated that the groundwater elevations during this period ranged from five to 13 feet below mean sea level. These elevations appear to be generally consistent with the depth of the smear zone beneath this area, as delineated during prior investigations by Roux, and are considered indicative of the area where free-product appears to have resided in the regional aquifer during the initial migration of free-product into the OU-7 area.

As noted in Section 2.2.4, public water-supply pumping in Brooklyn ceased in 1947. Some industrial water-supply pumping continued for several years thereafter; however, by 1974, regional groundwater elevations appeared to have recovered to pre-development (i.e., static) levels (Buxton *et al*, 1981). The return to static conditions within the regional aquifer restored the flow of groundwater within the Site towards Newtown Creek. The flow direction of free-product within areas of OU-7 and OU-8 also changed in response to the new hydraulic gradient and subsequently resulted in the seepage into Newtown Creek that was discovered at the northern terminus of Meeker Avenue in 1978.

The fact that the free-product seepage was discovered at the end of Meeker Avenue in 1978 is significant to the SCM. If there were no geologic barriers to free-product flow, one would expect that the free-product seepage would have been discovered at the Kinder Morgan Terminal or at any point between the Terminal and the Meeker Avenue area (i.e., Empire Merchants), since this would have been the shortest and most direct flow path. However, the data indicates that this was not the case. The preferential migration pathway to the northern terminus of Meeker Avenue is explained by the presence of the shallow confining unit, formed by the low permeability sediments associated with the historical banks of Newtown Creek located beneath the Kinder Morgan Terminal, the Apollo Street Parcels and the former Paragon Oil Terminal. The shallow confining unit constrained the flow of free-product and forced it to flow around this layer through the highly permeable outwash deposits of the regional aquifer toward Meeker Avenue.

2.3.1.2 Current Extent of Free-Product

The current, estimated extent of free-product is depicted in Plate 4. This extent is less than what was observed historically as a result of the remediation efforts completed to date at the Site and potential natural attenuation. As noted in Section 2.2.2, the shallow aquifer and regional aquifer are two distinct geologic units

beneath the Site. The current occurrence and estimated distribution of free-product in each of these units is described below.

2.3.1.2.1 Shallow Aquifer

The estimated extent and apparent thicknesses of potential free-product accumulations within the shallow aquifer are shown on Plate 5, based on data collected during the Site-wide gauging event on October 3, 2024. As shown on Plate 5, free-product was observed in 7 of the 79 wells screened in the shallow aquifer, which were gauged during the October 3, 2024 gauging event. The wells with measurable free-product in the shallow aquifer are not contiguous, with a minimum free-product thickness of approximately 0.01 feet in monitoring well 3.KNW-3 in OU-3, and a maximum apparent free-product thickness of approximately 0.15 feet in monitoring well 3.KNW-13 in OU-3. Based upon the irregular occurrence and thicknesses (i.e., typically less than 0.1 feet) of free-product in monitoring wells within the shallow aquifer, the free-product within the shallow aquifer appears to currently exist only within localized areas. The fluctuating appearance of discrete free-product accumulations in the shallow aquifer monitoring wells from one gauging round to the next is also not uncommon at sites with relatively low hydraulic conductivity and residual free-product characteristics, such as those that exist beneath OU-1, OU-3, and OU-4.

2.3.1.2.2 Regional Aquifer

Based on data collected during the October 3, 2024 gauging event, the estimated extent and measured corrected thickness of potential free-product accumulations within the regional aquifer are shown on Plate 6. As shown on Plate 6, potential free-product accumulations are present beneath portions of OU-4, OU-5, OU-7, and OU-8. It is important to note that wells located within the regional aquifer within OU-1, OU-3, and OU-6 contain no measurable free-product. As documented in the previous Site investigations, the current, estimated extent of potential free-product accumulations appears to be influenced by the Site stratigraphic controls, as well as on-going groundwater extraction and free-product recovery efforts.

Based on 2024 data, the estimated extent of potential free-product beneath OU-4 appears to be limited to 410 Kingsland Ave (Kingsland Yard) and the southern portion of Monitor Yard, with the exception of measurable free-product in monitoring well D-63I in the northern portion of Monitor Yard. The irregular boundaries of the free-product accumulations within the regional aquifer appear to be attributed to the shallow confining unit limiting potential free-product migration to the north, west, and east in these areas. A low permeability glacial till deposit beneath North Henry Yard and the western portion of OU-4, bordering OU-6, limits the potential for westward migration of free-product, where present, within the regional aquifer.

The potential accumulations of free-product beneath OU-5 appear to be irregularly-shaped, likely attributable to the complex, low permeability deposits limiting potential free-product migration. Within OU-7, the estimated area of potential free-product accumulations appears to form a bowl-shaped region approximately 1,400 feet across in its east-west dimension. Within OU-8, the estimated area of potential free-product accumulations is primarily present within the block bounded by Stewart Avenue to the west, Meeker Ave and Empire Merchants to the north, Scott Avenue to the east, and Townsend Street to the south.

Similar to groundwater at the water table, mobile free-product, when present, will tend to migrate in a direction from areas of high elevation to areas of lower elevation. With respect to potential free-product migration, the primary elevation of interest is the measured elevation of the air-oil interface in the monitoring wells.

Throughout a majority of the Site, free-product elevations are below mean sea level (less than 0 ft-amsl), with the lower elevations centered around active, dual-pump recovery wells. These data appear to indicate

that the gradient in the free-product phase is directed towards active, dual-pump recovery wells, similar to the groundwater flow direction.

2.3.1.3 Current Apparent Free-Product Thicknesses in the Regional Aquifer

Apparent free-product thicknesses have been historically measured in all monitoring wells on a quarterly basis. As documented in prior reports and the published technical literature, free-product thickness measurements in monitoring wells are influenced by many different factors, including the type and amount of product in the subsurface, formation pressures (i.e., specifically in confined and/or semi-confined formations), and the type of geologic formation materials, as well as capillary interactions between the formation and pore fluids.

Under unconfined conditions, the vertical region between the elevation of the air / oil interface in a monitoring well and the elevation of the oil / water interface in the monitoring well typically corresponds to the vertical extent of mobile free-product, where present, in the formation adjacent to the well.

Above and below these elevations, respectively, free-product is only present at saturations equal to or less than the residual saturation, and is considered immobile. Assuming constant geologic and fluid conditions, the apparent free-product thickness appears to be generally proportional to the effective saturation and estimated volume of free-product in the subsurface. However, it is important to note that the effective saturation and volume of free-product are dependent on both the soil type and fluid conditions, thus, variations in geology or fluid properties between two different areas can mean that the saturation and potential mobility of free-product beneath these areas can be drastically different for equal free-product thickness within corresponding monitoring wells. An additional factor in the relationship between free-product measured in a well and corresponding free-product in the soil formation is the variation in free-product thickness in a well with fluctuations in the water table; specifically, the free-product thickness in a well within unconfined conditions tends to decrease with an increase in the water-table, and vice versa (Charbeneau, 2007).

Under confined or semi-conditions, as exist beneath the OU-4, the difference between the apparent free-product thickness measured in monitoring wells screened within the aquifer and the actual thickness of free-product in the formation is even more accentuated. Under confined conditions, free-product will enter the well from the interval screened beneath the confining layer and the thickness of free-product will build within the well until the pressure due to the free-product thickness in the well (oil hydraulic head) equals confining pressure at the oil / water interface. In the case of water, this confining pressure is represented by the potentiometric surface, or the level to which water will rise in a monitoring screened in the confined aquifer. The apparent free-product thickness that builds up within the well is, therefore, equal to the height of a column of free-product that weighs the same amount as a corresponding column of water that equals the confining pressure head. Stated another way, the apparent free-product thickness that builds within the well equals the confining pressure head (in feet of water) divided by the specific gravity of free-product.

If the free-product fluid is less dense than water, the apparent free-product thickness is greater than the height of a water column representing the confining pressure head and, thus, the free-product surface elevation measured in the well is above both the bottom of the confining layer and the groundwater potentiometric head. However, the top of the layer of mobile free-product in the aquifer, where present, is the bottom of the semi-confining layer (i.e., the presence of the confining layer prevents the upward movement of potential free-product and, thus, must be the upper boundary of the free-product layer in the formation). Since the free-product surface elevation is higher than the top of the aquifer / bottom of the

confining layer, the apparent free-product thickness in the well is “exaggerated” compared to the actual thickness of free-product in the formation. Contrary to what is typically observed in unconfined conditions, free-product thickness changes in a confined aquifer will be proportional to changes in groundwater hydraulic head. Specifically, an increase in groundwater hydraulic head will tend to increase the apparent free-product thickness within the monitoring well by a corresponding amount, while a decrease in hydraulic head will tend to cause a corresponding decrease in the apparent free-product thickness.

Another important characteristic of free-product present under confined conditions that affects its extent and potential migration is buoyancy. Since free-product is less dense than groundwater, it tends to float on top of groundwater in an unconfined aquifer. However, when free-product is present beneath a confining layer, the confining layer prevents free-product from moving directly upward. This restriction causes the body of free-product to be subjected to a buoyancy force. The buoyancy force tends to drive free-product towards areas of low hydraulic head. In the absence of groundwater pumping, the areas of low hydraulic head correspond to the highest points in the semi-confining layer and, thus, under confined conditions, free-product, where present, tends to accumulate and migrate beneath the areas of the confining layer where the elevation of the bottom of the semi-confining layer is highest. The effect of buoyancy can be seen by comparing the semi-confining layer base elevation contours shown on Figure 9 of the CSP with the actual free-product thickness beneath the former Brooklyn Terminal in the regional aquifer on Plate 6. As shown by this comparison, the majority of free-product tends to be present beneath OU-4 in the confined regional aquifer is found in the areas where the bottom elevation of the confining layer is the highest.

Plate 7 presents the current apparent free-product thicknesses for the regional aquifer based upon the gauging round conducted on October 3, 2024. A summary of the gauging data for the various geographic areas is provided below.

	OU-4	OU-5	OU-7 and OU-8
Average Measured Free-Product Thickness (ft)	3.33	2.62	0.37
Minimum Measured Free-Product Thickness (ft)	0.02	0.16	0.05
Maximum Measured Free-Product Thickness (ft)	18.33	12.57	1.34

As indicated by the preceding discussion, the maximum measured and highest average measured thicknesses correspond to areas of OU-4 where free-product within the regional aquifer exists under confined conditions. Comparing the elevations of oil-water interface with the bottom of the confining layer indicates that the zone of mobile free-product is typically less than five feet in thickness. The high apparent free-product thicknesses in this area do not equate to the presence of a greater volume of free-product, but are exaggerated thicknesses attributable primarily to confining pressures within the formation.

2.3.1.4 Product Composition and Physicochemical Characteristics

Within the SCM, an understanding of free-product composition and characteristics is important to properly evaluate the potential for free-product migration, remediation options and exposure assessment considerations. Free-product composition varies considerably between the different portions of the Site. This geographic variation in composition and characteristics indicates that the free-product accumulations are the

results of multiple historical sources of contamination, as well as potentially more recent sources, within the Site and the adjacent sites (e.g., Kinder Morgan Terminal).

The discussion of the free-product composition and characteristics is divided into the following two sections:

- Free-product within the Historical Footprint; and
- Free-product within the OU-7 and OU-8 areas.

Free-product composition varies between different geographic areas of the Site. This is shown by variations in specific gravity, viscosity, and composition of different distillate fractions throughout the accumulations of free-product. Free-product specific gravity and viscosity are two factors that also influence the potential migration of free-product. In general, lighter (lower density) and less-viscous petroleum products tend to migrate farther and faster away from their source than heavier and more viscous petroleum products (USEPA, 1996). The average and range of values of free-product density and viscosity in the regional aquifer are summarized below within each major geographic area:

	OU-4	OU-5	OU-7 and OU-8
Average Density (g/mL)	0.85	0.84	0.80
Density Range (g/mL)	0.79 – 0.92	0.79 – 0.94	0.78 – 0.84(1)
Average Viscosity (cP)	5.5	4.8	1.1
Viscosity Range (cP)	1.8 – 24.2	0.93 – 32.6	0.8 – 2.2(1)

Note: 1. Values from Gardner Avenue were not counted in the range (see text)

Two major areas can be distinguished from the data: an area of generally uniform low-density and low-viscosity free-product that corresponds to the OU-7 and OU-8 areas, and the remaining three geographic areas to the north of Norman Avenue contain higher and more variable values of density and viscosity. The data appear to indicate that, if all of the geologic conditions were the same, which they are not, the free-product accumulations in OU-7 and OU-8 will inherently migrate to recovery wells at a faster rate than the free-product north of Norman Avenue.

2.3.2 Soil Quality

The SCM with respect to soil quality conditions is divided into the following sections:

- Soil Quality Within the Historical Footprint; and
- Soil Quality Within the OU-6, OU-7 and OU-8 Areas.

2.3.2.1 Soil Quality Within the Historical Footprint

Detailed soil investigations have been conducted within OU-1, OU-2 (prior to soil removal for the construction of the WPCP), OU-3, OU-4, and OU-5 as described in the following sections. In general, these investigations indicate the presence of petroleum-related compounds in the majority of samples collected throughout these areas. In addition, petroleum staining and odors were noted in subsurface soil samples collected from the majority of soil borings completed during these investigations.

As described in Section 2.1.2.1, it is also recognized that the majority of the Historical Footprint was subject to historical land filling managed by the local government to facilitate the industrial development of this area. The historical records indicate that fill materials included, but may not be limited to: refuse, garbage, ashes,

factory wastes, and other waste materials. Thus, potential impacts from fill materials must be considered when conducting and evaluating the results of soil investigations at the Site.

2.3.2.2 Soil Quality Within OU-1

The soil quality impacts within OU-1 were evaluated based upon field screening technologies obtained during the drilling of soil borings and monitoring wells for free-product delineation, and from laboratory analysis of soil samples along with ultraviolet induced fluorescence (UVIF) data from cone penetrometer test (CPT) borings.

Based on visual observations during previous investigations, historic fill material (HFM), as defined in DER-10, was identified in the shallow subsurface across OU-1. The HFM ranged in composition and depth, but typically was observed to extend to the top of the shallow confining unit.

Analytical data suggest exceedances are generally limited to SVOCs and metals above Part 375 Criteria that were observed within the OU-1 area. Additionally, analytical data indicate concentrations of TPH at multiple locations within the shallow aquifer that suggest potential petroleum impacts. Based on visual observations of lithology in the soil borings, the SVOC and metal exceedances typically correspond to elevations of samples collected within the HFM. These observations suggest that the exceedances in this area may potentially be related, in part, to the historic industrial land use that is common throughout the industrial area of Brooklyn, in addition to the former historical and/or current industrial operations within OU-1.

2.3.2.3 Soil Quality Within OU-2

The soil quality impacts within OU-2 were evaluated primarily based upon previous investigations conducted by Leggette, Brashears & Graham, Inc. (LBG) on behalf of ExxonMobil from 1979 through 1991, and by various consultants on behalf of the NYCDEP from 1996 through 2005. The characterization sampling prior to the NYCDEP's excavation appeared to indicate that the majority of petroleum contaminated soil, where present, was located from land surface to a depth of approximately 10 feet, with much lower contaminant concentrations at depths greater than 15 feet.

All of the soil (approximately 257,875 cubic yards) characterized by the above-described soil characterization sampling results was excavated to a depth of 30 feet across the entire property and disposed off-site by the NYCDEP as part of the WPCP construction activities. Furthermore, only seven samples (approximately 8%) of the soil samples collected from the 25-30 ft bls interval exceeded Part 375 unrestricted use soil criteria. It should be noted that, during the excavation process, all of the monitoring wells within OU-2 were removed. Clean backfill and concrete foundation materials have replaced the excavated soils. The Property is completely occupied, and expected to remain so for the long term, by the WPCP.

It is believed the construction and excavation action resulted in the removal of all petroleum contaminated soil from OU-2.

2.3.2.4 Soil Quality Within OU-3

The soil quality impacts within OU-3 were evaluated based on information gathered with field screening technologies, observations during soil boring activities, and from laboratory analysis of soil samples from investigations conducted by Roux, on behalf of ExxonMobil, from 2007 through 2018. Soil samples were screened with a PID in an effort to evaluate potential petroleum impacts in the soil. PID detections ranging from non-detect to 4,339 ppm were observed within soil borings completed outside the oil/water separator

(OWS) footprint. Within the OWS footprint, screening activities identified PID readings varying from non-detect to over 15,000 parts per million (ppm) at soil boring locations, at depths ranging from 2.5 to 9 ft bls. In general, the PID detections were typically observed within the shallow aquifer (i.e., historical fill material).

PCB contamination in soil, not attributable to ExxonMobil's operations, is present within OU-3, which is being addressed separately, pursuant to a voluntary Order on Consent (Index No. A2-0841-14-10) filed on March 1, 2016. As documented in the Updated PCB Source Evaluation Report (September 7, 2012), and in subsequent correspondence from the NYSDEC dated March 2, 2016, the PCB contamination within OU-3 was not caused by ExxonMobil's historic operations and, therefore, ExxonMobil is not presumptively responsible for the PCB contamination within OU-3. Additional details regarding remediation of PCB contamination in soil within the 460 Kingsland Avenue property can be found in the Revised Remedial Action Work Plan, dated February 11, 2019, and the upcoming Final Engineering Report.

2.3.2.5 Soil Quality Within OU-4

Soil quality impacts within the OU-4 have been characterized primarily based upon the field screening and laboratory analytical sample results obtained during the drilling of soil borings and monitoring wells for free-product delineation, along with UVIF data from CPT borings from several soil investigations that have been conducted within OU-4. Within the estimated, historic extent of the free-product accumulations in OU-4, analytical data suggest exceedances are generally limited to BTEX compounds and select SVOCs, with only minor occurrences of metals. These data are consistent with the previous SCM for the OU-4 area, which was provided in the CSP.

Based on comparison of the soil quality data with visual observations of lithology in the soil borings, measurement of free-product elevations in monitoring wells, and the CPT-LIF data, the exceedances typically correspond to elevations of samples collected from the shallow subsurface, as well as, in the vicinity of the water table, within the Retention Zone as defined in the Consent Decree. Within OU-4, the deepest extent of petroleum impacts, where present, varies between 5 and 30 feet below mean sea level (ft-bmsl).

2.3.2.6 Soil Quality Within OU-5

Soil quality impacts within the OU-5 have been characterized primarily based upon the field screening and laboratory analytical sample results obtained during the drilling of soil borings and monitoring wells for free-product delineation, along with along with UVIF data from CPT borings from several soil investigations have been conducted within OU-5. Within the estimated, historic extent of the free-product accumulations in OU-5, where present, analytical data suggest exceedances are generally limited to BTEX compounds and select SVOCs, with only minor occurrences of metals. These data are consistent with the previous SCM for the OU-5 area, which was provided in the CSP.

Based on comparison of the soil quality data with visual observations of lithology in the soil borings, measurement of free-product elevations in monitoring wells, and the CPT-LIF data, the exceedances typically correspond to elevations of samples collected from the shallow subsurface, as well as, in the vicinity of the water table, within the Retention Zone as defined in the Consent Decree. Within OU-5, the deepest extent of petroleum impacts, where present, varies between 5 and 10 feet below mean sea level (ft-bmsl), with the exception of MW-122.

2.3.2.7 Soil Quality within OU-6

Soil quality impacts within the OU-6 have been characterized primarily based upon the field screening results obtained during the drilling of soil borings and monitoring wells for free-product delineation, along with UVIF data from CPT borings and laboratory analytical samples. Based on visual observations during soil boring activities, review of historic aerial photos, and historic records regarding the area, HFM, as defined in DER-10, was identified in the shallow subsurface across OU-6. The HFM ranged in composition and depth, but typically was observed to extend from land surface to the top of the shallow confining unit. Based on sample results, SVOC and metal exceedances were typically observed in samples collected from depths corresponding to the base of the HFM; however, the majority of the investigated locations did not indicate exceedances of NYSDEC soil quality criteria.

As documented in the OU-6 Site Characterization Report, submitted June 13, 2013, no impacts within OU-6 were determined to be associated with historical operations of ExxonMobil.

2.3.2.8 Soil Quality Within the OU-7 and OU-8 Areas

Soil quality impacts within the OU-7 and OU-8 areas have been characterized primarily based upon the field screening results obtained during the drilling of soil borings and monitoring wells for free-product delineation, along with UVIF data from CPT borings. Based upon these results, the bulk of the petroleum-related soil contamination, where present, appears to be correlated with the estimated extent of the free-product accumulations, past and present, as described in Section 2.3.1.

Within OU-7 and OU-8, the deepest extent of petroleum impacts varies between 10 and 15 ft bmsl. The regional aquifer is predominantly unconfined beneath these areas and the current water-table elevation is near mean sea level. The vertical extent of petroleum impact suggests the effects of past regional water-supply pumping on the vertical elevation of the free-product. The elevations of the lower extent of petroleum impacts and the changes in these elevations from the areas north of Norman Avenue to the OU-7 and OU-8 areas are consistent with the drawdown range from water-supply pumping of 5 to 13 ft bmsl reported in the 1979 Geraghty and Miller Investigation.

Because ExxonMobil did not conduct petroleum refinery or terminal operations within the areas of OU-7 and OU-8, there generally is no potential for ExxonMobil's historic operations to have caused any soil quality impacts located above the water table. As described in Section 2 of the CSP, the OU-7 and OU-8 areas have a long industrial history. As a result, there are numerous other potential sources of soil contamination within the area.

2.3.3 Groundwater Quality

A large amount of groundwater quality data has been generated during prior investigations within the Site and adjacent sites, and within the surrounding areas. The groundwater quality data generated during previous investigations indicate that the areal extent of the dissolved petroleum constituents in groundwater, where present, is similar to the estimated historical extent of the free-product accumulations. This appears to be due to the groundwater flow direction along the western and southern perimeter of the free-product extent being generally towards the East and Northeast, respectively. This inward flow direction along the western and southern perimeter of the estimated free-product accumulations exists under natural conditions (i.e., non-pumping), as well as under the influence of the EMGPRP pumping wells.

The shallow groundwater beneath the free-product contains dissolved petroleum constituents at concentrations exceeding NYSDEC Ambient Water Quality Standards for Class GA (AWQSGVs). The available data indicates the concentrations decrease with depth, which is expected since the free-product at Site has been characterized as light non-aqueous phase liquids (LNAPLs).

Additionally, non-petroleum impacts exist throughout the Site, including chlorinated volatile organic compounds (CVOCs) in groundwater, beneath significant portions of OU-1, OU-3, OU-4, OU-5, OU-7, and OU-8. These CVOCs are attributable to releases of chlorinated solvents from past or current commercial/industrial activities that are unrelated to ExxonMobil. As a result, a series of investigations has been conducted by URS (currently AECOM), on behalf of NYSDEC, to identify the sources and the extent of the contamination. These investigations are referred to as the Meeker Avenue Plume Trackdown Investigation, and the Meeker Avenue Plume Site was designated as a Superfund site in 2022.

Also, an isolated area of elevated dissolved MTBE concentrations in groundwater has been identified beneath OU-7, the source of which is located at the former service station located at the intersection of Bridgewater Street and Varick Street. At no time has the service station been associated with the historic operations of ExxonMobil. MTBE is also not associated with ExxonMobil's historic operations in this area.

A brief discussion of groundwater quality within the various areas of the Site is provided in the following sections. It should be noted that groundwater is not used in New York City for drinking water purposes, including groundwater within, and in the vicinity of, the EMGPRP Site. In addition, the groundwater in the vicinity of the EMGPRP Site has been impacted by salt water intrusion due to historical, third-party, groundwater withdrawals in the central portions of Brooklyn for historic, municipal water supply purposes.

2.3.3.1 Groundwater Quality in OU-1

The groundwater quality generated during previous investigations within OU-1 indicates that petroleum impacts in groundwater above NYSDEC AWQSGVs groundwater appear to be limited to CVOCs, MTBE, and polycyclic aromatic hydrocarbons (PAHs). The existence of CVOCs in groundwater has been previously discussed in the CSP and monitoring of CVOCs is discussed in EMGPRP Quarterly Progress Reports. The CVOCs are attributed to multiple, third-party, potential responsible parties (PRPs) in the areas surrounding the EMGPRP Site, and are unrelated to ExxonMobil's historic operations in Greenpoint. Recent data indicate there are no longer CVOC exceedances in OU-1. Previous MTBE concentrations appeared to marginally exceed the NYSDEC AWQSGV guidance values; however, recent data indicate no MTBE exceedances. When present, MTBE impacts in groundwater within OU-1 appeared to be limited to two shallow monitoring wells. Based on the locations of the monitoring wells and relatively low observed concentrations of MTBE, the observed MTBE in groundwater may potentially be indicative of background groundwater conditions within an area of historic industrial land use in Brooklyn.

2.3.3.2 Groundwater Quality in OU-2

The groundwater quality data generated during previous investigations within OU-2 indicate that the estimated areal extent of dissolved petroleum constituents in groundwater is related to the estimated historical extent of the free product accumulations. As discussed in the OU-2 AAR dated January 30, 2014, watertight sheeting was installed in an effort to facilitate construction activities by the NYCDEP, and an estimated 150 million gallons of groundwater were extracted from beneath OU-2. Although there are currently no monitoring wells present within OU-2, groundwater quality has been remediated to pre-release conditions, to the extent practicable/feasible, as a result of the previous interim remedial measure (IRM)

activities conducted within OU-2, including, but not limited to, soil removal and dewatering efforts to a depth of 30 feet within the entirety of OU-2.

2.3.3.3 Groundwater Quality in OU-3

The groundwater quality data generated during previous investigations within OU-3 indicates that the majority of petroleum-related VOC exceedances in OU-3 are limited to: benzene and total xylenes. In addition, exceedances of the NYSDEC AWQSGVs for vinyl chloride were also detected. However, historical sampling activities performed during the EMGPRP have documented the presence of CVOCs in groundwater beneath portions of the Site, which are unrelated to ExxonMobil's historic operations at the Site. In general, the regional aquifer exhibited few detections and lower concentrations of petroleum-related VOCs, and higher concentrations of CVOCs. As described above, ExxonMobil's historic operations are not the source of the CVOCs.

2.3.3.4 Groundwater Quality in OU-4

The groundwater quality data generated during previous investigations within OU-4 appears to indicate that the estimated areal extent of the dissolved petroleum constituents in groundwater is similar to the estimated historical extent of the free-product accumulations. This is due to the groundwater flow direction generally towards the vicinity of the nearest recovery well along the western and southern perimeter of the estimated free-product extent. The shallow groundwater beneath free product, where present, and deep groundwater (regional aquifer) contain dissolved petroleum constituents (BTEX) at concentrations exceeding NYSDEC AWQSGVs, PAH compounds (benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, chrysene, and indeno[1,2,3-cd]pyrene), isolated low-level detections of MTBE, and limited dissolved metals.

As documented during prior investigations, the detections of MTBE generally appear to be indicative of background and/or up-gradient groundwater conditions within an area of historic, industrial land-use in Brooklyn where there are multiple, potential third-party sources, and do not appear to be associated with ExxonMobil's historic operations at the Site.

2.3.3.5 Groundwater Quality in OU-5

The groundwater quality data generated during previous investigations within OU-5 appears to indicate slight impacts to groundwater beneath OU-5 include dissolved petroleum constituents, limited dissolved CVOCs, and limited dissolved metals. In general, concentrations of petroleum-related compounds in groundwater are typically low, with total BTEX concentrations typically less than 20 micrograms per liter (µg/L). The groundwater quality data generated during this investigation indicate dissolved petroleum constituents are located throughout OU-5, and generally correlate to estimated extent of impacts in soil. Higher concentrations appear to be located within the estimated extent of free-product accumulations. The groundwater data collected from deep regional monitoring wells indicate the concentrations of petroleum compounds generally decrease with depth, which is expected because the free-product identified at the Site has been characterized as LNAPLs.

The existence of CVOCs in groundwater has been previously discussed above and in the CSP and monitoring of CVOCs is discussed in EMGPRP Quarterly Progress Reports.

2.3.3.6 Groundwater Quality in OU-6

Based on the results of the groundwater sampling activities within OU-6, impacts in groundwater are limited to CVOCs and MTBE. The existence of CVOCs in groundwater has been previously discussed above and in the CSP, and monitoring of CVOCs are discussed in EMGPRP Quarterly Progress Reports. The CVOCs have been attributed to multiple, third-party, PRPs in the areas surrounding the EMGPRP Site, and are unrelated to ExxonMobil's historic operations at the Site. MTBE concentrations in some monitoring wells marginally exceed the NYSDEC AWQSGV guidance values. Based on the locations of the monitoring wells and relatively low observed concentrations of MTBE, the observed MTBE in groundwater are believed to be indicative of background and/or upgradient groundwater conditions within an area of historic industrial land use.

2.3.3.7 Groundwater Quality in OU-7/OU-8

Based on the results of the groundwater sampling activities within OU-7/OU-8, impacts in groundwater include dissolved petroleum constituents, dissolved CVOCs, and limited dissolved metals. The groundwater quality data generated during previous investigations appear to indicate that the estimated areal extent of the dissolved petroleum constituents in OU-7/OU-8 groundwater is similar to the estimated historical extent of the free-product accumulations within OU-7/OU-8. Groundwater samples collected along the western and southern OU-7 boundaries generally indicated dissolved petroleum concentrations below NYSDEC criteria, which is expected due to the lack of free-product accumulations in those areas. The groundwater samples along the borders of OU-7/OU-8 suggest that petroleum contaminated groundwater is not migrating off the Site boundary.

The groundwater data collected from deep regional monitoring wells indicate that concentrations of petroleum compounds generally decrease with depth, which is expected since the free-product at Site is characterized as LNAPLs. The existence of CVOCs in groundwater, unrelated to ExxonMobil's historic operations, has been previously discussed above and in the CSP, and monitoring of CVOCs are discussed in EMGPRP Quarterly Progress Reports.

2.3.4 Soil Vapor

A large amount of soil vapor quality data has been generated during prior investigations within the Site and the surrounding areas. As specified in previous soil vapor reports submitted by, or on behalf of ExxonMobil concerning the EMGPRP, benzene and methane are the primary compounds of focus in the evaluation and discussion of soil vapor analytical results.

Although benzene and methane are the primary compounds of focus, the analytical results for other VOCs are reviewed for potential inconsistencies in concentration levels between sampling rounds.

The majority of soil vapor beneath the Site appears to be impacted with one or more petroleum hydrocarbons, methane, and/or chlorinated hydrocarbons. Based on results of previous investigations, the impacts appear to be attributable to the free-product accumulations that exist beneath portions of the Site, and also to past or current commercial/industrial activities within or adjacent to the Site that are unrelated to ExxonMobil's historical operations. These impacts include multiple source areas including, but not limited to, the CVOC plume investigated by the NYSDEC as part of the Meeker Avenue Plume Trackdown, and impacts beneath and surrounding the Kinder Morgan Terminal in the vicinity of Apollo Street, Bridgewater Street and Norman Avenue.

Elevated concentrations that exist in soil vapor typically migrate vertically, with limited horizontal migration, limiting the impacts to approximately the same areal extent as the free-product accumulations. These elevated concentrations in soil vapor above the estimated free-product accumulations, where present, appear to undergo attenuation while migrating upwards through the vadose zone. The combined effects of natural attenuation and the presence of a silt/clay (low permeability) layer effectively limit the migration of soil vapor to the shallow subsurface throughout portions of the subject area, as shown by a vapor intrusion sampling investigation that was conducted by the NYSDEC between 2006 and 2008. The investigation focused on sub-slab soil vapor quality and indoor air quality of properties (mostly residential, some commercial) located above the estimated free-product accumulations within a portion of OU-7. According to notification letters sent by the NYSDEC to residents within the sampling area, concentrations of VOCs in the indoor air and sub-slab samples, if detected, were not associated with the petroleum accumulations that existed beneath these areas (NYSDEC, 2008).

Based on periodic monitoring of soil vapor conducted by Roux, shallow concentrations of petroleum-related VOCs and methane were typically found to be highest near the intersection of Apollo Street, Bridgewater Street and Norman Avenue. Elevated concentrations were also identified in OU-5 and portions of OU-8. ExxonMobil installed and operates a soil vapor extraction (SVE) System within all of these area in an effort to mitigate potential VOC and methane concentrations within the shallow subsurface (i.e., less than 8 ft bls). Outside of the area of influence of the SVE system, there are limited areas where elevated concentrations of petroleum-related VOCs are present in the shallow sub-surface and are limited to areas of OU-4 and OU-5. These areas are routinely monitored with monthly sewer screening, annual building screenings, and annual soil vapor sampling, all to verify that vapor intrusion into subgrade structures and buildings is not occurring.

2.4 Qualitative Exposure Assessment

The objective of the qualitative exposure assessment portion of the SCM is to describe how human and environmental receptors may be exposed to Site contaminants based upon the Site-specific conditions, and to assess whether there are any complete or potentially complete exposure pathways. As documented in the prior sections, free-product is present across portions of the Site. In soil, the contaminants of concern (COCs) at the Site include petroleum hydrocarbons, petroleum-related VOCs and PAHs, and various metals. In addition, petroleum-related VOCs and PAHs and various metals have been detected in groundwater. Pursuant to ECL Article 27-1415(2), the exposure assessment should consider the current conditions, as well as the reasonably anticipated future land use of the Site and the affected off-Site areas, and the reasonably anticipated future groundwater use.

The following sections present an overview of the qualitative human health exposure assessment and Fish and Wildlife Resources Impact Analysis based upon the current understanding of Site conditions, as described in the preceding sections. As with other elements of the SCM, ExxonMobil will update this exposure assessment as may be warranted to address changes in Site conditions or to incorporate new information from Site investigation and remediation activities. Updates will be presented in the Annual Summary Report, if necessary.

2.4.1 Human Health Exposure Assessment

An exposure pathway describes the means by which an individual may be exposed to contaminants originating from a site. An exposure pathway has five elements: (1) a contaminant source; (2) contaminant release and transport mechanisms; (3) a receptor population; (4) a point of exposure, and (5) a route of

exposure. The following paragraphs provide an overview discussion of possible exposure pathways that may potentially exist at the Site.

Potential Contaminant Sources

The sources of potential contamination at the Site include ExxonMobil's historic petroleum refining, storage and distribution operations that occurred within the Historical Footprint portion of the Site. Given the use of the Site for these operations, there exist occurrences of petroleum-related COCs across the Historical Footprint. In addition, the Site is located in an area with an extensive industrial history of sugar refineries, tanneries, canneries, copper wiring plants, and oil refineries. These third party historical and current sources have likely contributed to the presence of contamination within portions of the Site and in the surrounding areas. Section 2 of the CSP provides additional information regarding potential contaminant sources.

Potential Contaminant Release and Transport Mechanisms

Potential releases of petroleum products from storage tanks and piping, which formerly were present across the majority of the Historical Footprint, resulted in possible impacts to soil and groundwater beneath the Site. The petroleum products potentially released at the Site exist in the subsurface in the form of free-product (both mobile and residual) within the soil. The possible contamination also exists as hydrocarbon compounds adsorbed to soil particles in the unsaturated and saturated zones, hydrocarbon compounds dissolved in groundwater, and hydrocarbon compounds that have volatilized and are present within soil vapor.

While there are areas of mobile free-product, the extent of free-product has been shown to remain stable or contract in areal extent since Site investigations and remediation activities began 1978. This is due to hydrogeologic conditions that limit potential migration and the effectiveness of the on-going remediation efforts. Therefore, there is limited potential for any future migration of free-product beyond the documented historic extent of free-product that has been determined at the Site.

The majority of the land surface across the Site is covered by pavement, concrete or buildings, or is otherwise stabilized with gravel. Therefore, potential surficial transport of contaminated soil via precipitation run-off or wind erosion is not a concern under prevailing Site conditions. During construction activities within Historical Footprint, maintenance of appropriate engineering controls (i.e., SWPPPs, dust control, Community Air Monitoring Plan) minimize the potential for any surficial transport of contaminated soil, where present.

The possible free-product and potential leaching of contaminants from subsurface soil can serve as an on-going source of potential contamination to groundwater beneath portions of the Site. However, it is also important to note that, in some Site areas, there is residual free-product and stained soil that are not a significant source of groundwater contamination due to the composition of the free-product and the amount of degradation that has occurred over time.

Under natural hydraulic gradients (i.e., non-pumping conditions), mobile free-product and dissolved hydrocarbons in groundwater, if present, would generally migrate towards Newtown Creek, with the migration of free-product impeded or limited by the silt/clay confining unit, where present, along the river banks of Newtown Creek. However, the active dual-pump free-product recovery system hydraulically captures potential free-product and redirects the potential contamination in groundwater away from Newtown Creek. In addition, the on-going monitoring indicates that impacted groundwater is being hydraulically captured by the existing pumping systems, as opposed to migrating towards Newtown Creek.

The extraction system also captures groundwater contaminated with MTBE and chlorinated solvents that were not associated with ExxonMobil's historical operations. The sources for these contaminants in groundwater are located both on-Site and off-Site from properties never owned or operated by ExxonMobil. ExxonMobil's remediation systems are currently helping to prevent these contaminants from migrating towards Newtown Creek.

Stormwater that comes in contact with impacted surface soil, free-product, or groundwater may also become contaminated. As noted above, the majority of the Site is paved, which limits the potential for such stormwater contact with contamination.

Within the footprint of the estimated free-product accumulations, and areas of soil and groundwater contamination, there also is the potential for volatilization of VOCs into soil vapor. In addition, ongoing degradation of hydrocarbons can result in the generation of methane in the soil vapor. Contaminants in soil vapor, where present, have been shown to attenuate during upward transport in the unsaturated soil column, and based upon investigations completed by ExxonMobil, and independent investigations completed on behalf of NYSDEC/NYSDOH, the petroleum contamination, where present, has not impacted indoor air. As described in Section 3.2.4 of the CSP, a soil vapor mitigation system was voluntarily installed in a portion of OU-5, OU-7, and OU-8 where there was a potential concern due to the shallow depth to free-product and VOC concentrations observed in shallow soil vapor. This system appears to be effective at limiting the migration of deeper soil vapor into the shallower zones. Passive sub-slab depressurization systems (SSDSs) have been installed proactively in select newer buildings within the Site, further mitigating the potential for vapor intrusion. In addition, ExxonMobil screens the interior of buildings throughout the majority of the Historic Footprint to confirm that no indications of vapor intrusion are present.

Potential Receptor Population

The potential receptors include workers, residents, visitors and trespassers. The potential off-Site receptors include off-Site workers and off-Site residents.

Potential Points and Routes of Exposure

On-Site workers may contact contaminants potentially present in surface soil during general maintenance or construction activities. Such contact with potentially contaminated soils can result in exposure via possible dermal adsorption or incidental ingestion. However, the potential for workers to contact surface soils is limited by the fact that most areas of the Site are covered with asphalt or concrete. Within the Historic Footprint, and other non-residential properties within the Site, the potential for trespassing is also limited because these properties are completely fenced and some have additional security measures, such as guards or electrical fences.

The only residential properties within the Site are located in the southwest region of OU-7. Possible contact with petroleum-contaminated soil at these properties is not likely to occur because the contamination in this area consists of free-product accumulations and impacted soil situated at depth, where present, well below land surface and the invert elevation of subsurface dwelling construction (e.g., basements).

Construction, excavation, and soil moving activities have the potential to generate fugitive dusts and also may allow volatilization of vapors from subsurface contaminated soil, where present. Construction workers and other potential on-Site and off-Site receptors near or downwind from such activities may potentially be exposed via the inhalation route of exposure. In order to address this potential, whenever ExxonMobil conducts such activities within areas of known contamination, air monitoring is conducted and engineering

controls are implemented as appropriate. As documented in prior reports, ExxonMobil has also been monitoring all One-Call notifications within the Site and screening NYCDOB approved construction activities. If the work is planned in an area where there is potential to encounter petroleum contamination, ExxonMobil representatives work with the third party to minimize potential exposure and contact.

The Site and the surrounding properties are supplied with public drinking water. As a result, there is no potential for exposure to contamination via ingestion of groundwater as a source of drinking water. Persons conducting deeper excavation activities have the potential to encounter groundwater. In such instances, there is potential for contact with COCs in groundwater, and for volatilization of COCs and for potential exposure via the dermal adsorption and inhalation routes. It is assumed that adults performing such activities would not ingest groundwater. As documented in prior reports, ExxonMobil has been monitoring all One-Call notifications within the Site and screening NYCDOB-approved construction activities. If the work is planned in an area where there is potential to encounter petroleum contamination, ExxonMobil representatives work with the third party to minimize potential exposure and contact.

Where buildings are present within the footprint of the free-product accumulations, and within areas of soil and groundwater contamination, there is potential for volatilization of VOCs to migrate into soil vapor and enter the indoor air of the building via vapor intrusion. SVE systems are operational throughout portions of OU-5, OU-7, and OU-8 and passive SSDSs were installed in portions of OU-4 and OU-5 in an effort to further minimize the potential for soil vapor intrusion. However, as documented by studies by the NYSDEC and NYSDOH, indoor air has not been impacted by the potential petroleum contamination that is the subject of the EMGPRP. In addition, given that environmental conditions should improve as the remediation progresses, future indoor air impacts are not anticipated.

2.4.2 Fish and Wildlife Resources Impact Analysis

Newtown Creek is the primary ecological resource in the vicinity of the Site. The Creek has historically been a receptor for potential contaminants migrating from the Site and from numerous other historical and current contaminant sources within Brooklyn and Queens. As a result of the on-going remediation activities of the EMGPRP, the potential for free-product seepage from the Site into Newtown Creek has been largely, if not entirely, eliminated. In addition, groundwater impacted by the petroleum and other sources of historical contaminants throughout the majority of the Site is being captured by and treated by the EMGPRP treatment systems. It will be the continued goal of EMGPRP to prevent the potential for seepage of free-product into Newtown Creek, and to ensure that groundwater beneath the Site will not potentially adversely impact Newtown Creek.

Newtown Creek became a federally-designated Superfund Site on September 27, 2010. As such, future evaluations of Newtown Creek will be conducted under the oversight of the USEPA pursuant to the Superfund program.

Respectfully submitted,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

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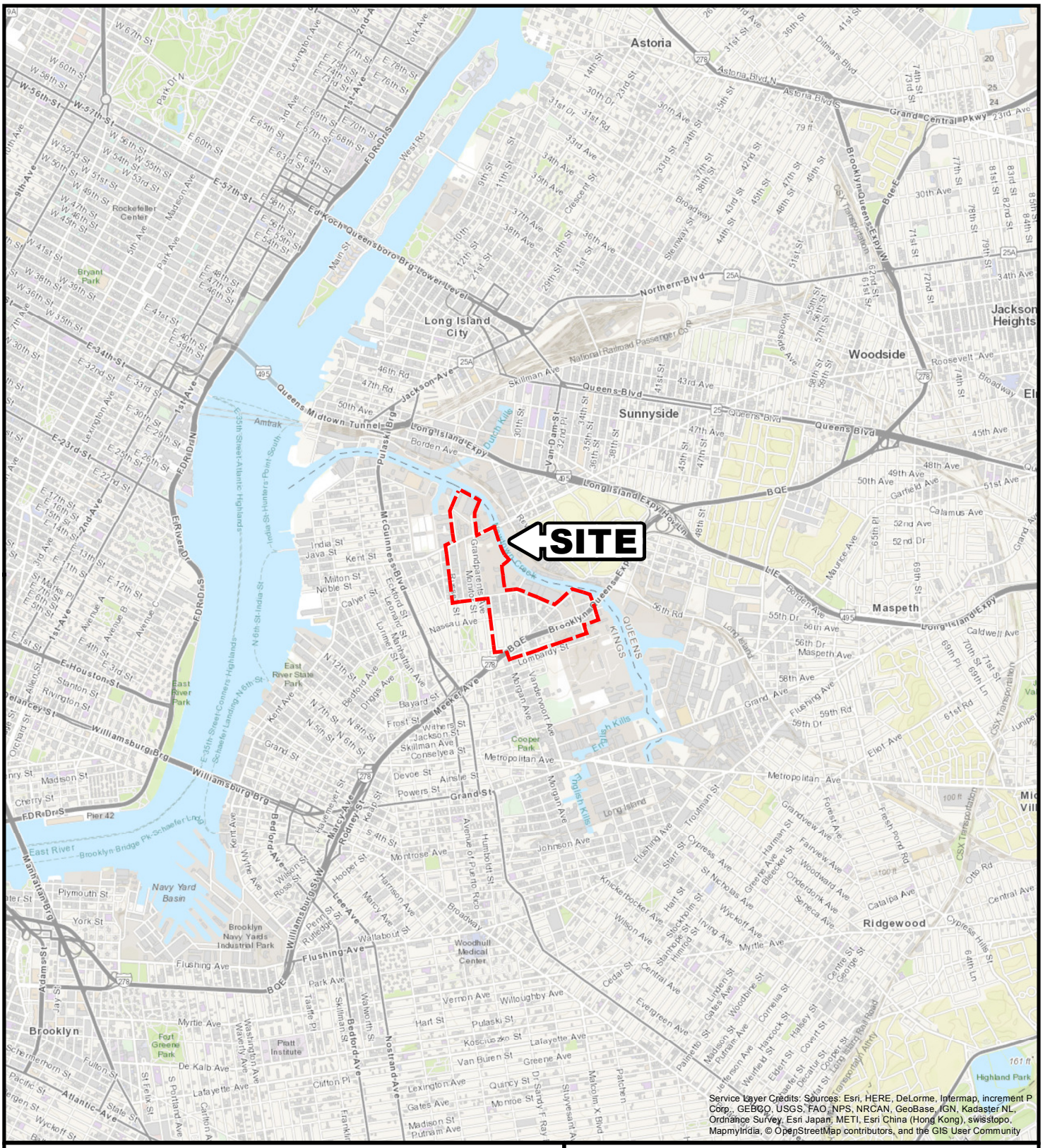
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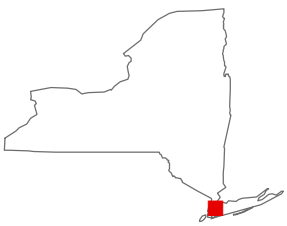
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FIGURES

1. Location Map
2. Site Map



QUADRANGLE LOCATION



N

2,000 0 2,000

Feet

Title:

SITE LOCATION MAP

EXXONMOBIL
GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

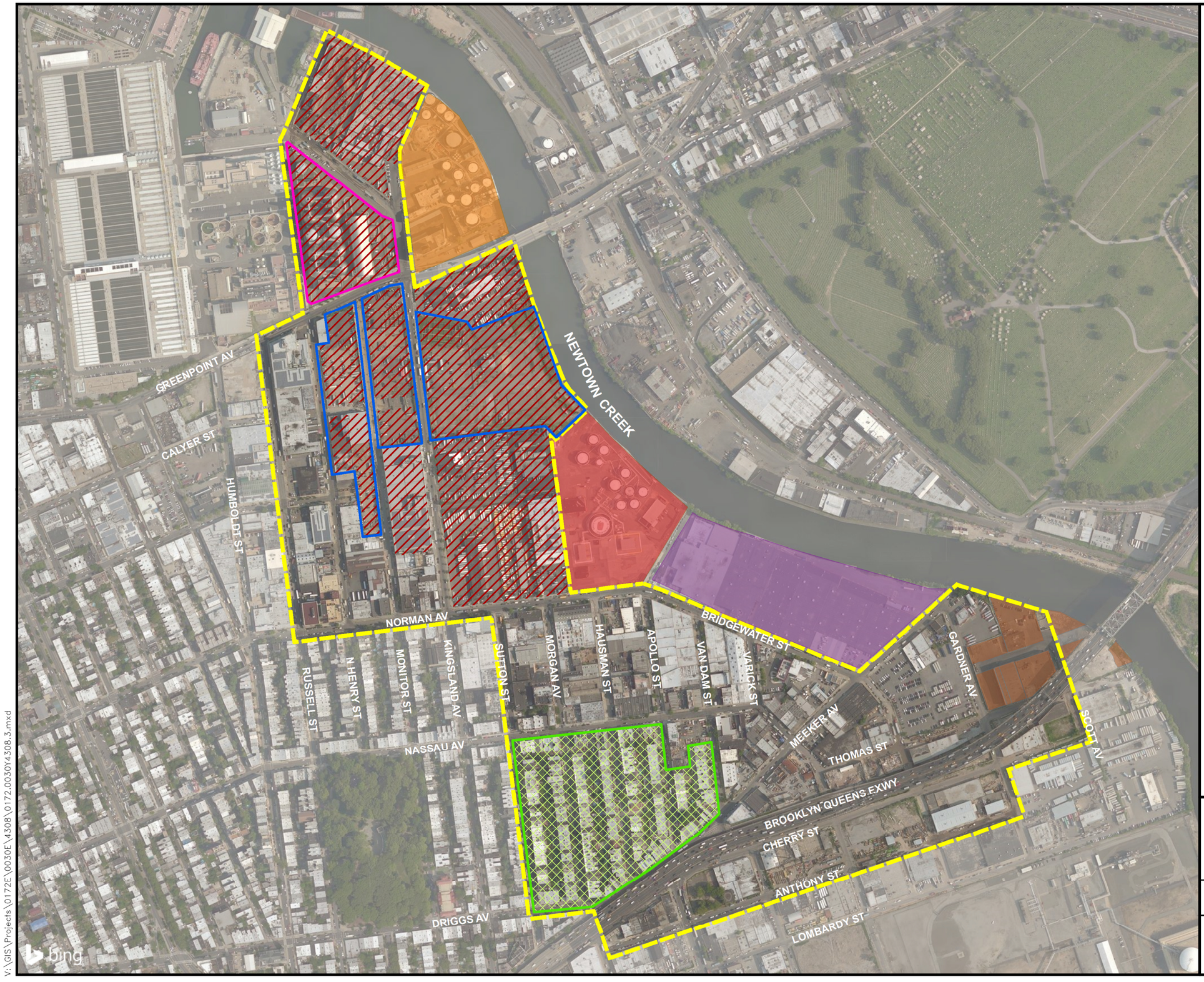
Prepared For: EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

Compiled by: I.H.	Date: 09MAR18
Prepared by: M.R.	Scale: AS SHOWN
Project Mgr: C.P.	Project: 0172.0030Y044
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FIGURE 1

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LEGEND

- FORMER BP TERMINAL (UNDER KINDER MORGAN MANAGEMENT)
- EMPIRE MERCHANTS (REMEDIATION UNDER CHEVRON MANAGEMENT)
- FORMER BROOKLYN TERMINAL
- HISTORICAL FOOTPRINT
- METRO TERMINAL (UNDER METRO MANAGEMENT)
- NEWTOWN CREEK WPCP (UNDER NYCDEP MANAGEMENT)
- RESIDENTIAL AREA
- WASTE MANAGEMENT
- EMGPRP SITE BOUNDARY

NOTES

1. NYCDEP – NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
2. EMGPRP – EXXONMOBIL GREENPOINT PETROLEUM REMEDIATION PROJECT
3. WPCP – WATER POLLUTION CONTROL PLANT

250 0 250 500
Feet

Title:

SITE MAP

EXXONMOBIL
GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

Prepared For: EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

Compiled by: I.H.	Date: 09MAR18	FIGURE
Prepared by: M.R.	Scale: AS SHOWN	2
Project Mgr: C.P.	Project: 0172.0030Y044	
File: 0172.0030Y4308.3.mxd		

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PLATES

1. Site-Wide Borings and Monitoring Wells
2. Shallow Aquifer Groundwater Elevations – October 3, 2024
3. Regional Aquifer Groundwater Elevations – October 3, 2024
4. Estimated Historical Extent of Free-Product
5. Shallow Aquifer Apparent Free-Product Thickness – October 3, 2024
6. Regional Aquifer Corrected Free-Product Thickness – October 3, 2024
7. Regional Aquifer Apparent Free-Product Thickness – October 3, 2024

N

LEGEND

- SOIL BORING
- CONE PENETROMETER TEST (CPT) BORING
- NYCDEP MONITORING WELL
- HISTORIC MONITORING WELL
- HISTORIC RECOVERY WELL/ PRODUCTION WELL
- MONITORING WELL
- EXISTING EXXONMOBIL RECOVERY WELL
- OU BOUNDARIES

225 0 225
Feet

Title:

SITE-WIDE BORINGS AND MONITORING WELLS

EXXONMOBIL
GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

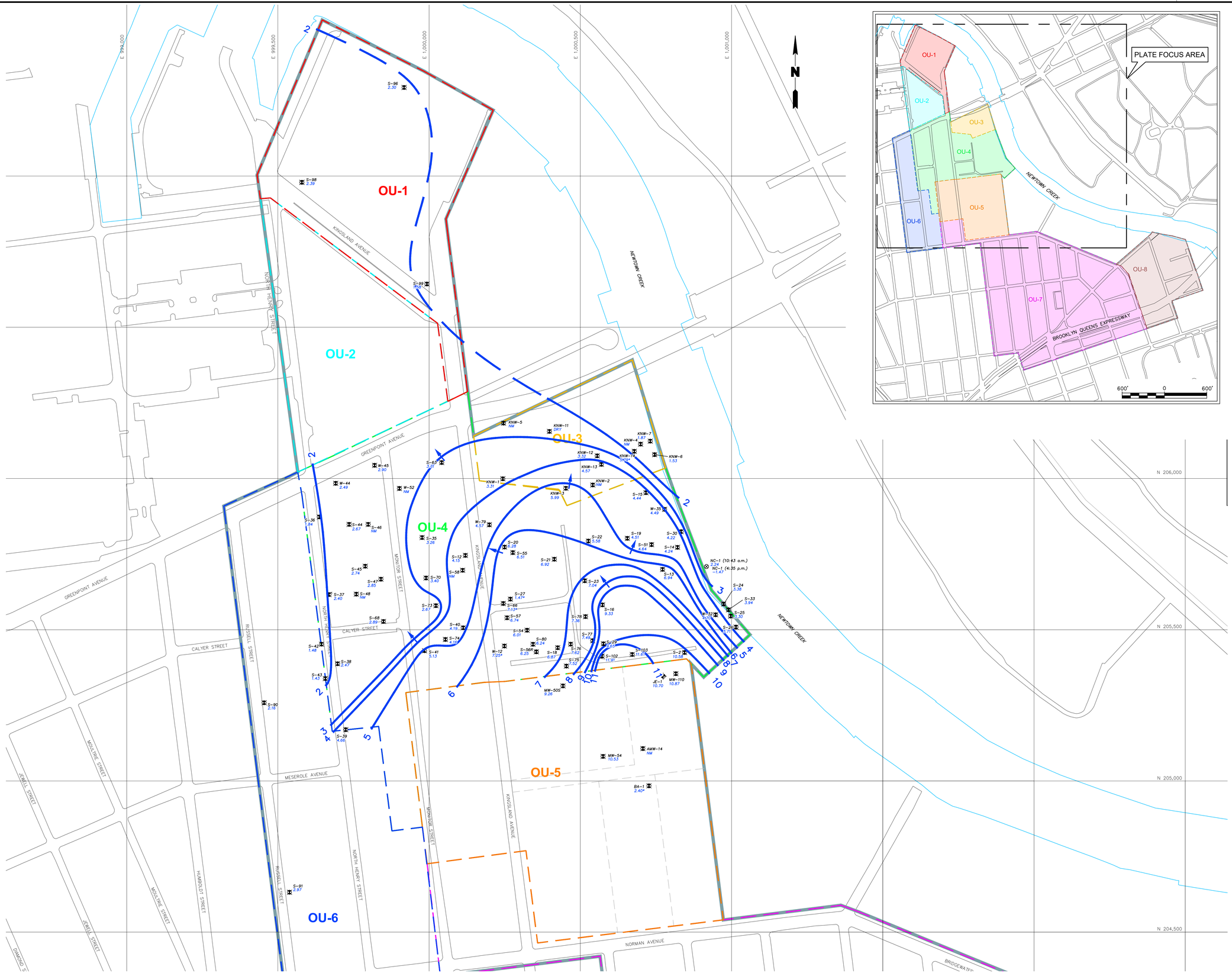
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BROOKLYN, NEW YORK

ROUX

Compiled by: I.H.	Date: 08MAR18
Prepared by: M.S.R.	Scale: AS SHOWN
Project Mgr: I.H.	Project: 0172.0030Y044
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PLATE 1

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LEGEND

- OU-1 — OU-1, FORMER LUBE PLANT
- OU-2 — OU-2, FORMER NORTHERN CRUDE YARD
- OU-3 — OU-3, 460 KINGSLAND AVE. PARCEL
- OU-4 — OU-4, FORMER BROOKLYN TERMINAL
- OU-5 — OU-5, SOUTHERN FORMER REFINERY PROPERTIES
- OU-6 — OU-6, WESTERN OFF-SITE AREA
- OU-7 — OU-7, SOUTHERN OFF-SITE AREA
- OU-8 — OU-8, EASTERN OFF-SITE AREA
- CONSENT DECREE SITE BOUNDARY
- S-25 / 4.76 — LOCATION AND DESIGNATION OF EXISTING SHALLOW AQUIFER MONITORING WELL GROUNDWATER ELEVATION
- NM — NOT MEASURED
- * — NOT USED IN CONTOURING
- DRY — WELL DRY
- 2 — LINE OF EQUAL GROUNDWATER ELEVATION
- DASHED CONTOURS ARE INFERRED BASED ON LIMITED AVAILABLE DATA
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW

NOTES

1. HORIZONTAL LOCATIONS ARE BASED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE, NORTH AMERICAN DATUM OF 1983 (NAD 83).
2. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. THE OU DESCRIPTIONS CONTAINED IN THE ABOVE LEGEND ARE GENERAL DESCRIPTIONS AND ARE NOT MEANT TO BE A COMPLETE, DETAILED DESCRIPTION OF EACH OU. FOR ADDITIONAL INFORMATION REGARDING EACH OU, PLEASE REFER TO PRIOR EMGPRP REPORTS SUBMITTED TO THE NYSDEC.
4. MONITORING WELLS DESIGNATED WITH NM WERE NOT MEASURED, TYPICALLY DUE TO WELL ACCESS ISSUES ENCOUNTERED DURING THE QUARTERLY GAUGING ROUND.

NYSPCS, L.I. ZONE, NAD 83 COORDINATES

N 204,500 — NORTHING (Y-COORDINATE)
E 1,002,000 — EASTING (X-COORDINATE)

140' 0 140'

Title:

SHALLOW AQUIFER GROUNDWATER ELEVATIONS OCTOBER 3, 2024

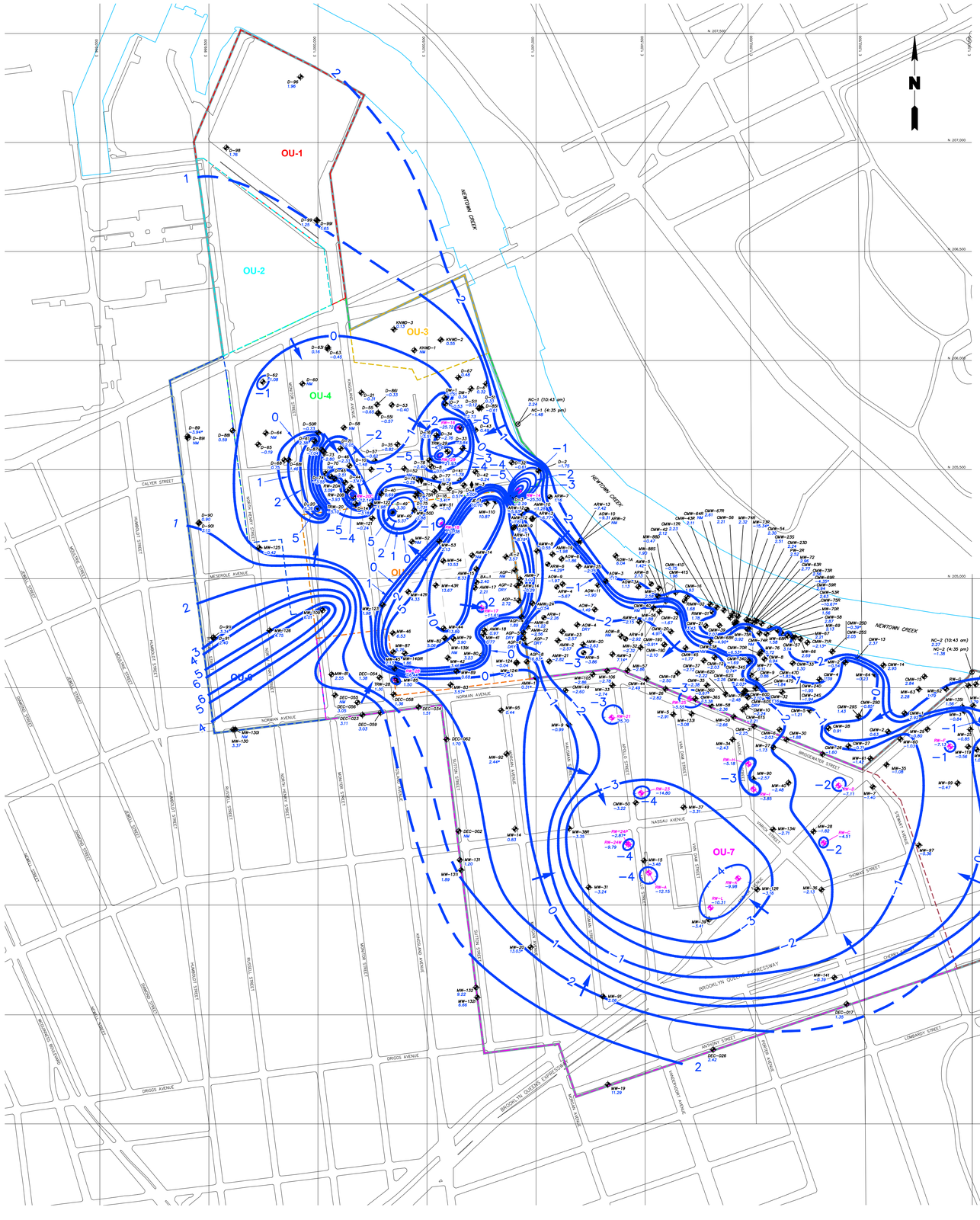
EXXONMOBIL GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

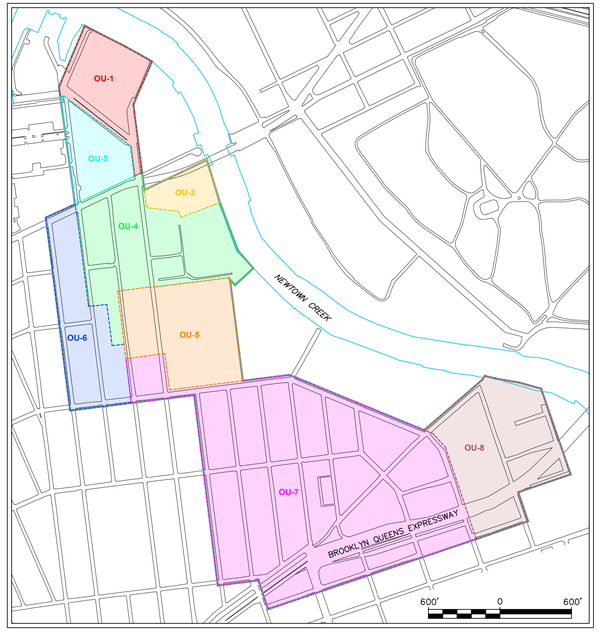
Prepared for:
EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

Compiled by: M.H.	Date: 07JAN25	PLATE
Prepared by: G.M.	Scale: AS SHOWN	2
Project Mgr: C.P.	Project: 0172.0030E100	
File: 0172.0030E5198.01.DWG		

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OPERABLE UNIT KEY

RECOVERY WELL FLOW RATES AT TIME OF MEASUREMENT

DESIGNATION	FLOW RATE (GPM)
RW-A	30
RW-C	39
RW-D	30
RW-F	40
RW-H	50
RW-I	39
RW-K	72
RW-L	50
RW-M	8
RW-14	30
RW-16	9
RW-17	75
RW-18	10
RW-20	3
RW-21	56
RW-23	85
RW-24	17
RW-25	67
RW-28	16
RW-29	4

GPM – GALLONS PER MINUTE

LEGEND

- OU-1 — OU-1, FORMER LUBE PLANT
- OU-2 — OU-2, FORMER NORTHERN CRUDE YARD
- OU-3 — OU-3, 460 KINGSLAND AVE. PARCEL
- OU-4 — OU-4, FORMER BROOKLYN TERMINAL
- OU-5 — OU-5, SOUTHERN FORMER REFINERY PROPERTIES
- OU-6 — OU-6, WESTERN OFF-SITE AREA
- OU-7 — OU-7, SOUTHERN OFF-SITE AREA
- OU-8 — OU-8, EASTERN OFF-SITE AREA
- CONSENT DECREE SITE BOUNDARY
- D-55 / −0.43 — LOCATION AND DESIGNATION OF EXISTING REGIONAL AQUIFER (CONFINED) MONITORING WELL; GROUNDWATER ELEVATION, IN FEET ABOVE MEAN SEA LEVEL
- MW-34 / −2.25 — LOCATION AND DESIGNATION OF EXISTING REGIONAL AQUIFER (UNCONFINED) MONITORING WELL; GROUNDWATER ELEVATION, IN FEET ABOVE MEAN SEA LEVEL
- MW-50D / 4.31 — LOCATION AND DESIGNATION OF EXISTING REGIONAL AQUIFER MONITORING WELL (UNCONFINED) SCREENED DEEP (BELOW CLAY LAYER); GROUNDWATER ELEVATION, IN FEET ABOVE MEAN SEA LEVEL
- MW-130I / NM — LOCATION AND DESIGNATION OF EXISTING DEEP REGIONAL AQUIFER MONITORING WELL (UNCONFINED) SCREENED DEEP IN REGIONAL AQUIFER; GROUNDWATER ELEVATION, IN FEET ABOVE MEAN SEA LEVEL (NOT USED IN CONTOURING)
- RW-L / −10.17 — LOCATION AND DESIGNATION OF EXISTING REGIONAL AQUIFER RECOVERY WELL – ACTIVE RECOVERY WELLS UTILIZING WATER DEPRESSION IDENTIFIED IN PURPLE; GROUNDWATER ELEVATION, IN FEET ABOVE MEAN SEA LEVEL
- NC-2 / 2.37 — LOCATION AND DESIGNATION OF NEWTOWN CREEK SURFACE WATER GAUGING; SURFACE WATER ELEVATION, IN FEET ABOVE MEAN SEA LEVEL
- IW-1 — LOCATION AND DESIGNATION OF INJECTION WELL
- NM — NOT MEASURED
- * — NOT USED IN CONTOURING
- DRY — WELL DRY
- 2 — LINE OF EQUAL GROUNDWATER ELEVATION
- DASHED CONTOURS ARE INFERRED BASED ON LIMITED AVAILABLE DATA
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW

NOTES

1. HORIZONTAL LOCATIONS ARE BASED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE, NORTH AMERICAN DATUM OF 1983 (NAD 83).
2. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. MONITORING WELLS D-2 THROUGH D-15 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. FROM APRIL 1981 THROUGH JUNE 1981.
4. MONITORING WELLS D-16 THROUGH D-20 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. FROM MARCH 1982 THROUGH APRIL 1982.
5. MONITORING WELLS D-21 THROUGH D-22 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. IN AUGUST 1989.
6. MONITORING WELLS D-30 THROUGH D-35 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. FROM MAY 2000 THROUGH JUNE 2000.
7. MONITORING WELLS MW-1 THROUGH MW-21 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM DECEMBER 1990 THROUGH JANUARY 1991.
8. MONITORING WELLS MW-22 THROUGH MW-25 WERE INSTALLED BY ROUX ASSOCIATES, INC. IN JULY 1991.
9. MONITORING WELLS MW-26 THROUGH MW-29 WERE INSTALLED BY ROUX ASSOCIATES, INC. ON APRIL 2–4, 1996.
10. MONITORING WELLS MW-30 AND MW-31 WERE INSTALLED ON SEPTEMBER 19, 1997 AND OCTOBER 3, 1997, RESPECTIVELY, BY ROUX ASSOCIATES, INC.
11. MONITORING WELLS MW-32 THROUGH MW-39 WERE INSTALLED ON JUNE 25, 2001 THROUGH JULY 11, 2001 BY ROUX ASSOCIATES, INC.
12. NYCDEP MONITORING WELLS WERE INSTALLED BY MALCOLM PIRNIE FROM MARCH 2001 THROUGH JULY 2001.
13. MONITORING WELLS D-40 THROUGH D-47, MW-40 THROUGH MW-49, MW-50S, MW-50D, AND MW-51 THROUGH MW-54 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM NOVEMBER 2002 THROUGH JANUARY 2003.
14. MONITORING WELLS D-48 THROUGH D-50 AND MW-55 WERE INSTALLED BY ROUX ASSOCIATES, INC. IN SEPTEMBER 2003.
15. MONITORING WELLS MW-56 THROUGH MW-79 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM JULY 2004 THROUGH DECEMBER 2004.
16. MONITORING WELLS MW-80 THROUGH MW-100 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM JULY 2006 THROUGH JANUARY 2007.
17. MONITORING WELLS MW-101 THROUGH MW-110 AND D-51 THROUGH D-68 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM SEPTEMBER 2007 THROUGH AUGUST 2008.
18. MONITORING WELLS MW-111 THROUGH MW-119 AND D-70 THROUGH D-74 WERE INSTALLED BY ROUX ASSOCIATES, INC FROM NOVEMBER 2008 THROUGH OCTOBER 2009.
19. MONITORING WELLS D-75 THROUGH D-78 AND MW-120 THROUGH MW-122 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM OCTOBER 2010 THROUGH APRIL 2011.
20. MONITORING WELLS D-85I THROUGH D-99I, MW-123 THROUGH MW-126, AND MW-130 THROUGH MW-138I WERE INSTALLED BY ROUX ASSOCIATES INC. BETWEEN OCTOBER 2012 AND MARCH 2013.
21. GROUNDWATER ELEVATIONS HAVE BEEN CORRECTED, WHERE NECESSARY, FOR THE PRESENCE OF FREE-PHASE PETROLEUM PRODUCT (FREE-PRODUCT).
22. GROUNDWATER ELEVATIONS IN MONITORING WELLS INSTALLED IN THE REGIONAL AQUIFER IN OU-4, OU-3 AND OU-1 ARE INDICATIVE OF CONFINED CONDITIONS.
23. SOME GROUNDWATER ELEVATION CONTOURS IN THE IMMEDIATE VICINITY OF RECOVERY WELLS HAVE BEEN OMITTED FOR CLARITY.
24. GROUNDWATER ELEVATIONS FOR SOME KINDER MORGAN AND CHEVRON TEXACO MONITORING WELLS WERE IGNORED FOR CONTOURING PURPOSES, DUE TO A LACK OF WELL CONSTRUCTION AND FREE-PRODUCT PROPERTY INFORMATION.
25. THE OU DESCRIPTIONS CONTAINED IN THE ABOVE LEGEND ARE GENERAL DESCRIPTIONS AND ARE NOT MEANT TO BE A COMPLETE, DETAILED DESCRIPTION OF EACH OU. FOR ADDITIONAL INFORMATION REGARDING EACH OU, PLEASE REFER TO PRIOR EMGRP REPORTS SUBMITTED TO THE NYSDEC.
26. MONITORING WELLS DESIGNATED WITH NM WERE NOT MEASURED, TYPICALLY DUE TO WELL ACCESS ISSUES ENCOUNTERED DURING THE QUARTERLY GAUGING ROUND.
27. MONITORING WELLS DESIGNATED WITH AN I WERE IGNORED FOR CONTOURING PURPOSES AS THESE WELLS ARE SCREENED AT AN INTERMEDIATE DEPTH.
28. MONITORING WELL MW-141 WAS INSTALLED BY ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C. (ROUX) IN SEPTEMBER 2021.
29. MONITORING WELLS MW-12R AND MW-38R WERE INSTALLED BY ROUX IN OCTOBER 2021.
30. MONITORING WELLS MW-43, MW-47 AND MW-140I WERE DESTROYED DURING THIRD PARTY CONSTRUCTION ACTIVITIES AND WERE REINSTALLED IN JULY 2022 BY ROUX AS MW-43R, MW-47R AND MW-140IR RESPECTIVELY.

250' 0 250'

NYSPCS, L.I. ZONE, NAD 83 COORDINATES

N 204,500 —— NORTHING (Y-COORDINATE)
E 1,002,000 —— EASTING (X-COORDINATE)

Title:

REGIONAL AQUIFER GROUNDWATER ELEVATIONS OCTOBER 3, 2024

EXXONMOBIL GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

Prepared for:

EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

Compiled by: M.H.	Date: 08JAN25	PLATE
Prepared by: G.M.	Scale: AS SHOWN	3
Project Mgr: C.P.	Project: 0172.0030E100	
File: 0172.0030E5198.03.DWG		

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N

LEGEND

- OU-1 FORMER LUBE PLANT
- OU-2 FORMER NORTHERN CRUDE YARD
- OU-3 460 KINGSLAND AVENUE
- OU-4 FORMER BROOKLYN TERMINAL
- OU-5 FORMER REFINERY PROPERTIES
- OU-6 WESTERN OFF-SITE AREA
- OU-7 SOUTHERN OFF-SITE AREA
- OU-8 EASTERN OFF-SITE AREA
- EMGPRP SITE BOUNDARY
- ESTIMATED FREE PRODUCT EXTENT - OCTOBER 2024
- ESTIMATED HISTORICAL EXTENT OF FREE PRODUCT

NOTE

THE OU DESCRIPTIONS CONTAINED IN THE ABOVE LEGEND ARE GENERAL AND ARE NOT MEANT TO BE COMPLETE OR DETAILED. FOR ADDITIONAL INFORMATION REGARDING EACH OU, PLEASE REFER TO PRIOR EMGPRP REPORTS SUBMITTED TO THE NYSDEC

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Title:

ESTIMATED HISTORICAL EXTENT OF FREE PRODUCT

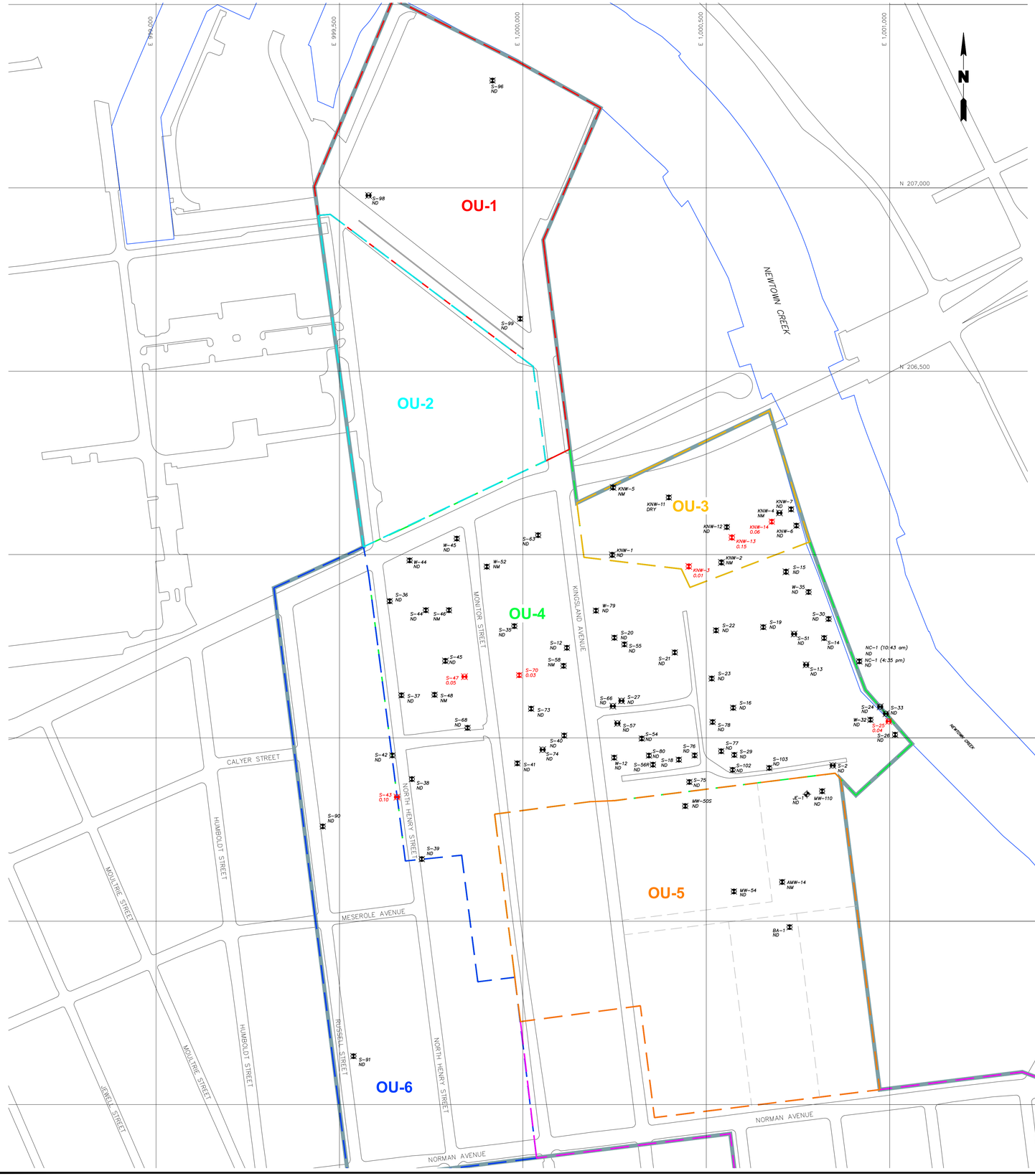
EXXONMOBIL
GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

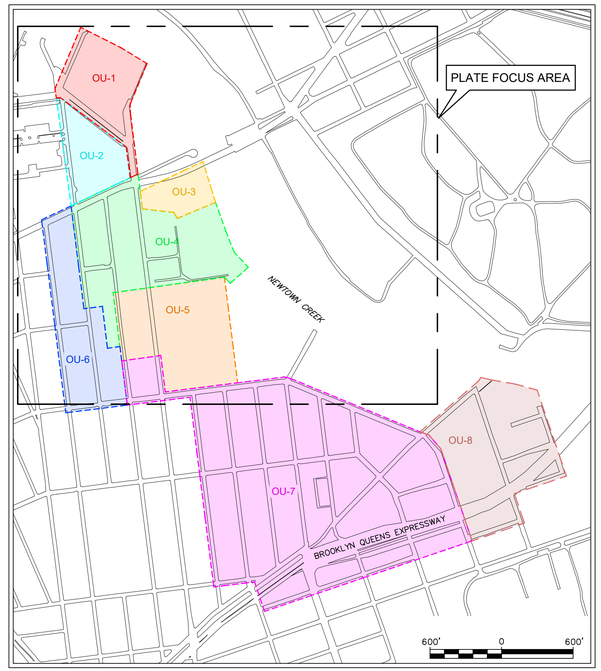
Prepared For: EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

Compiled by: I.H.	Date: 28FEB25	PLATE
Prepared by: M.S.R.	Scale: AS SHOWN	4
Project Mgr: I.H.	Project: 0172.0030Y044	
File: 0172.0030Y5212.4.mxd		

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LEGEND

- OU-1, FORMER LUBE PLANT
- OU-2, FORMER NORTHERN CRUDE YARD
- OU-3, 460 KINGSLAND AVE. PARCEL
- OU-4, FORMER BROOKLYN TERMINAL
- OU-5, SOUTHERN FORMER REFINERY PROPERTIES
- OU-6, WESTERN OFF-SITE AREA
- OU-7, SOUTHERN OFF-SITE AREA
- OU-8, EASTERN OFF-SITE AREA
- CONSENT DECREE SITE BOUNDARY
- S-47 / 0.02 — LOCATION AND DESIGNATION OF EXISTING SHALLOW AQUIFER MONITORING WELL WITH MEASURABLE FREE-PRODUCT THICKNESS IN FEET
- W-12 / ND — LOCATION AND DESIGNATION OF EXISTING SHALLOW AQUIFER MONITORING WELL WITH NO MEASURABLE FREE-PRODUCT FREE-PRODUCT THICKNESS IN FEET
- NM — NOT MEASURED
- ND — FREE-PRODUCT NOT DETECTED

NOTES

1. HORIZONTAL LOCATIONS ARE BASED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE, NORTH AMERICAN DATUM OF 1983 (NAD 83).
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4. MONITORING WELLS DESIGNATED WITH NM WERE NOT MEASURED, TYPICALLY DUE TO WELL ACCESS ISSUES ENCOUNTERED DURING THE QUARTERLY GAUGING ROUND.
5. DURING THE SECOND QUARTER OF 2024, MONITORING WELL FREE-PRODUCT RECOVERY ACTIVITIES WERE CONDUCTED ON APRIL 18, 2024, MAY 16, 2024, AND JUNE 20, 2024, FOR WELLS, S-24, S-25, S-33, S-68, KNW-3, KNW-13, AND KNW-14. FREE-PRODUCT REMOVAL WAS PERFORMED USING A VACUUM TRUCK.

NYSPCS, LI ZONE, NAD 83 COORDINATES

N 204,500 — NORTHING (Y-COORDINATE)
E 1,002,000 — EASTING (X-COORDINATE)

140' 0 140'

Title:

SHALLOW AQUIFER APPARENT FREE-PRODUCT THICKNESS OCTOBER 3, 2024

EXXONMOBIL GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

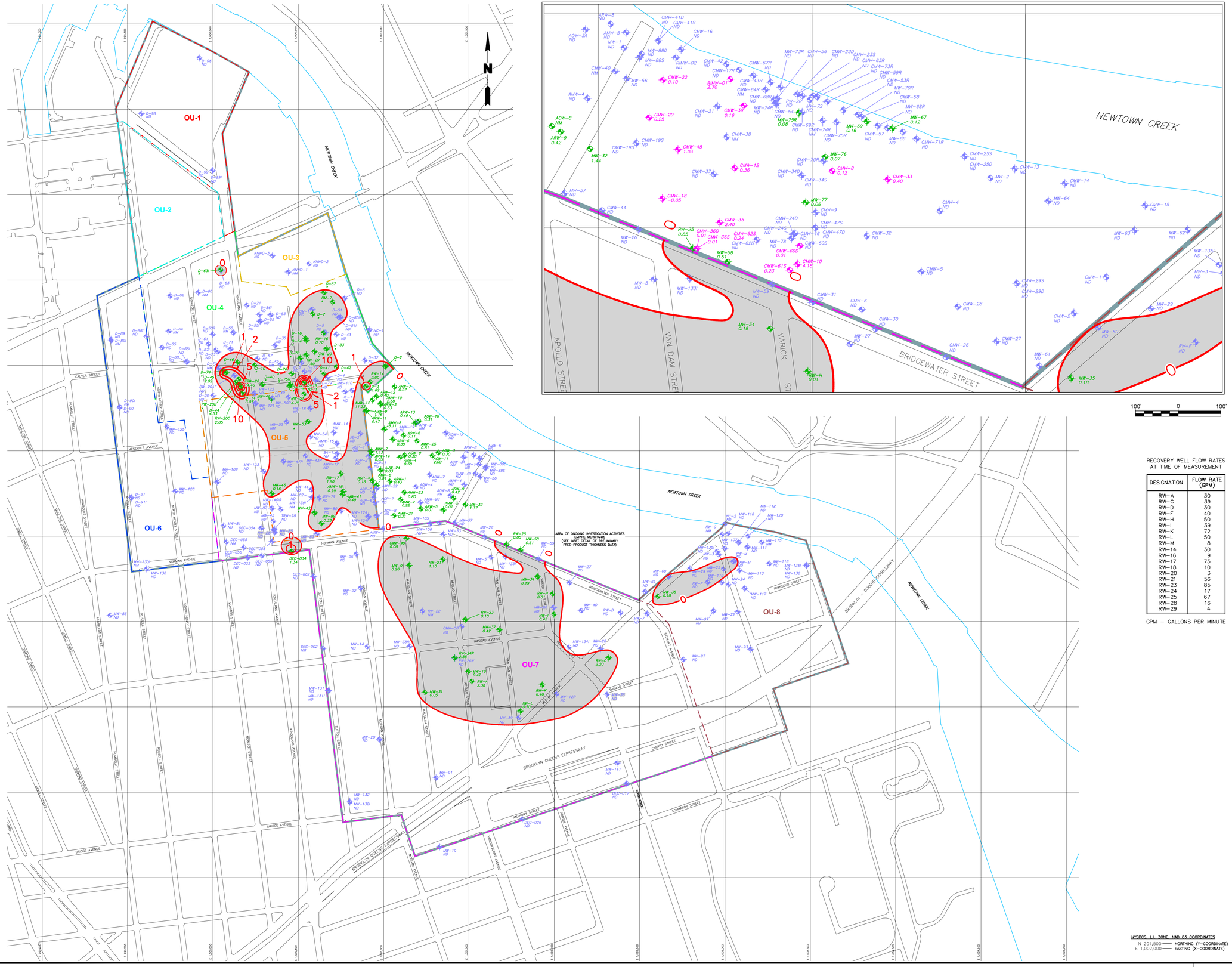
Prepared for:

EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

Compiled by: M.H.	Date: 07JAN25	PLATE
Prepared by: G.M.	Scale: AS SHOWN	5
Project Mgr: C.P.	Project: 0172.0030E100	
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LEGEND

- OU-1 — OU-1, FORMER LUBE PLANT
- OU-2 — OU-2, FORMER NORTHERN CRUDE YARD
- OU-3 — OU-3, 460 KINGSLAND AVE. PARCEL
- OU-4 — OU-4, FORMER BROOKLYN TERMINAL
- OU-5 — OU-5, SOUTHERN FORMER REFINERY PROPERTIES
- OU-6 — OU-6, WESTERN OFF-SITE AREA
- OU-7 — OU-7, SOUTHERN OFF-SITE AREA
- OU-8 — OU-8, EASTERN OFF-SITE AREA
- CONSENT DECREE SITE BOUNDARY
- D-46 / 0.29 — LOCATION AND DESIGNATION OF EXISTING REGIONAL AQUIFER (CONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- D-51i / ND — LOCATION AND DESIGNATION OF EXISTING DEEP REGIONAL AQUIFER (CONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- MW-34 / 0.55 — LOCATION AND DESIGNATION OF EXISTING/REGIONAL AQUIFER (UNCONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- MW-133i / ND — LOCATION AND DESIGNATION OF EXISTING DEEP REGIONAL AQUIFER (UNCONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- MW-50D / ND — LOCATION AND DESIGNATION OF REGIONAL AQUIFER MONITORING WELL SCREENED DEEP (BELOW CLAY LAYER); FREE-PRODUCT THICKNESS IN FEET
- RW-A / 1.90 — LOCATION AND DESIGNATION OF EXISTING REGIONAL AQUIFER RECOVERY WELL; FREE-PRODUCT THICKNESS IN FEET
- CMW-8 / 0.91 — LOCATION AND DESIGNATION OF EXISTING MONITORING WELL INSTALLED BY CHEVRON/TEXACO; FREE-PRODUCT THICKNESS IN FEET
- * — CORRECTED FREE-PRODUCT THICKNESS COULD NOT BE ESTIMATED AT THIS LOCATION

MONITORING WELL COLOR CODE SCHEME

- BLUE — DESIGNATES MONITORING WELL WHERE NO FREE-PRODUCT WAS DETECTED
- GREEN — DESIGNATES MONITORING WELL WHERE FREE-PRODUCT WAS DETECTED
- MAGENTA — DESIGNATES EMPIRE MERCHANTS MONITORING WELL WHERE FREE-PRODUCT WAS DETECTED
- NM — NOT MEASURED
- ND — FREE-PRODUCT NOT DETECTED
- 1 — LINE OF EQUAL FREE-PRODUCT THICKNESS, IN FEET DASHED WHERE INFERRED
- APPROXIMATE EXTENT OF FREE-PRODUCT THICKNESS DASHED WHERE INFERRED

NOTES

1. HORIZONTAL LOCATIONS ARE BASED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE, NORTH AMERICAN DATUM OF 1983 (NAD 83).
2. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. MONITORING WELLS D-2 THROUGH D-15 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. FROM APRIL 1981 THROUGH JUNE 1981.
4. MONITORING WELLS D-16 THROUGH D-20 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. FROM MARCH 1982 THROUGH APRIL 1982.
5. MONITORING WELLS D-21 THROUGH D-22 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. IN AUGUST 1989.
6. MONITORING WELLS D-30 THROUGH D-35 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. FROM MAY 2000 THROUGH JUNE 2000.
7. MONITORING WELLS MW-1 THROUGH MW-21 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM DECEMBER 1990 THROUGH JANUARY 1991.
8. MONITORING WELLS MW-22 THROUGH MW-25 WERE INSTALLED BY ROUX ASSOCIATES, INC. IN JULY 1991.
9. MONITORING WELLS MW-26 THROUGH MW-29 WERE INSTALLED BY ROUX ASSOCIATES, INC. ON APRIL 2–4, 1996.
10. MONITORING WELLS MW-30 AND MW-31 WERE INSTALLED ON SEPTEMBER 19, 1997 AND OCTOBER 3, 1997, RESPECTIVELY, BY ROUX ASSOCIATES, INC.
11. MONITORING WELLS MW-32 THROUGH MW-39 WERE INSTALLED ON JUNE 25, 2001 THROUGH JULY 11, 2001 BY ROUX ASSOCIATES, INC.
12. NYCDEP MONITORING WELLS WERE INSTALLED BY MALCOLM PIRNIE FROM MARCH 2001 THROUGH JULY 2001.
13. MONITORING WELLS D-40 THROUGH D-47, MW-40 THROUGH MW-49, MW-50S, MW-50D, AND MW-51 THROUGH MW-54 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM NOVEMBER 2002 THROUGH JANUARY 2003. MONITORING WELLS D-48 THROUGH D-50 AND MW-55 WERE INSTALLED BY ROUX ASSOCIATES, INC. IN SEPTEMBER 2003.
14. MONITORING WELLS MW-56 THROUGH MW-79 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM JULY 2004 THROUGH DECEMBER 2004.
15. MONITORING WELLS MW-80 THROUGH MW-100 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM JULY 2006 THROUGH JANUARY 2007.
16. MONITORING WELLS MW-101 THROUGH MW-110 AND D-51 THROUGH D-68 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM SEPTEMBER 2007 THROUGH AUGUST 2008.
17. MONITORING WELLS MW-111 THROUGH MW-119 AND D-70 THROUGH D-74 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM NOVEMBER 2008 THROUGH OCTOBER 2009.
18. MONITORING WELLS D-75 THROUGH D-78 AND MW-120 THROUGH MW-122 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM OCTOBER 2010 THROUGH APRIL 2011.
19. FREE-PRODUCT THICKNESSES IN OPERATING RECOVERY WELLS ARE OMITTED FOR CONTOURING PURPOSES.
20. SOME FREE-PRODUCT THICKNESS CONTOURS IN THE VICINITY OF THE FORMER MOBIL BROOKLYN TERMINAL HAVE BEEN OMITTED FOR CLARITY.
21. FREE-PRODUCT THICKNESSES WITHIN NYCDEP REGIONAL AQUIFER MONITORING WELLS WERE OMITTED FOR CONTOURING PURPOSES BASED ON WELL CONSTRUCTION INFORMATION PROVIDED BY MALCOLM PIRNIE THAT INDICATED THAT THESE WELLS WERE SCREENED BELOW THE KNOWN REGION OF FREE-PRODUCT.
22. SYMBOL COLORS FOR MONITORING WELLS THAT WERE NOT MEASURED (NM DESIGNATION) DURING THIS QUARTER'S GAUGING EVENT WERE ASSIGNED BASED ON HISTORIC / RECENT GAUGING DATA THAT INDICATED THE PRESENCE OF, OR LACK OF, FREE-PRODUCT WITHIN THE ASSOCIATED MONITORING WELL.
23. THE CORRECTED FREE-PRODUCT THICKNESS UNDER CONFINED CONDITIONS IS EQUAL TO THE VERTICAL DISTANCE BETWEEN THE BASE OF THE SHALLOW CONFINING UNIT AND THE OIL/WATER INTERFACE IN THE MONITORING WELL. THE CORRECTED FREE-PRODUCT THICKNESS CANNOT BE ESTIMATED WHEN THE OIL/WATER INTERFACE IS LOCATED ABOVE THE BASE OF THE SHALLOW CONFINING UNIT.
24. MONITORING WELLS D-85I THROUGH D-99I, MW-123 THROUGH MW-126, AND MW-130 THROUGH MW-138I WERE INSTALLED BY ROUX ASSOCIATES INC. BETWEEN OCTOBER 2012 AND MARCH 2013.
25. THE OU DESCRIPTIONS CONTAINED IN THE ABOVE LEGEND ARE GENERAL DESCRIPTIONS AND ARE NOT MEANT TO BE A COMPLETE, DETAILED DESCRIPTION OF EACH OU. FOR ADDITIONAL INFORMATION REGARDING EACH OU, PLEASE REFER TO PRIOR EMGPRP REPORTS SUBMITTED TO THE NYSDEC.
26. MONITORING WELLS DESIGNATED WITH NM WERE NOT MEASURED, TYPICALLY DUE TO WELL ACCESS ISSUES ENCOUNTERED DURING THE QUARTERLY GAUGING ROUND.
27. MONITORING WELL MW-141 WAS INSTALLED BY ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C. (ROUX) IN SEPTEMBER 2021.
28. MONITORING WELLS MW-12R AND MW-38R WERE INSTALLED BY ROUX IN OCTOBER 2021.
29. MONITORING WELLS MW-43, MW-47 AND MW-140I WERE DESTROYED DURING THIRD PARTY CONSTRUCTION ACTIVITIES AND WERE REINSTALLED IN JULY 2022 BY ROUX AS MW-43R, MW-47R AND MW-140IR RESPECTIVELY.

Title:

REGIONAL AQUIFER CORRECTED FREE-PRODUCT THICKNESS OCTOBER 3, 2024

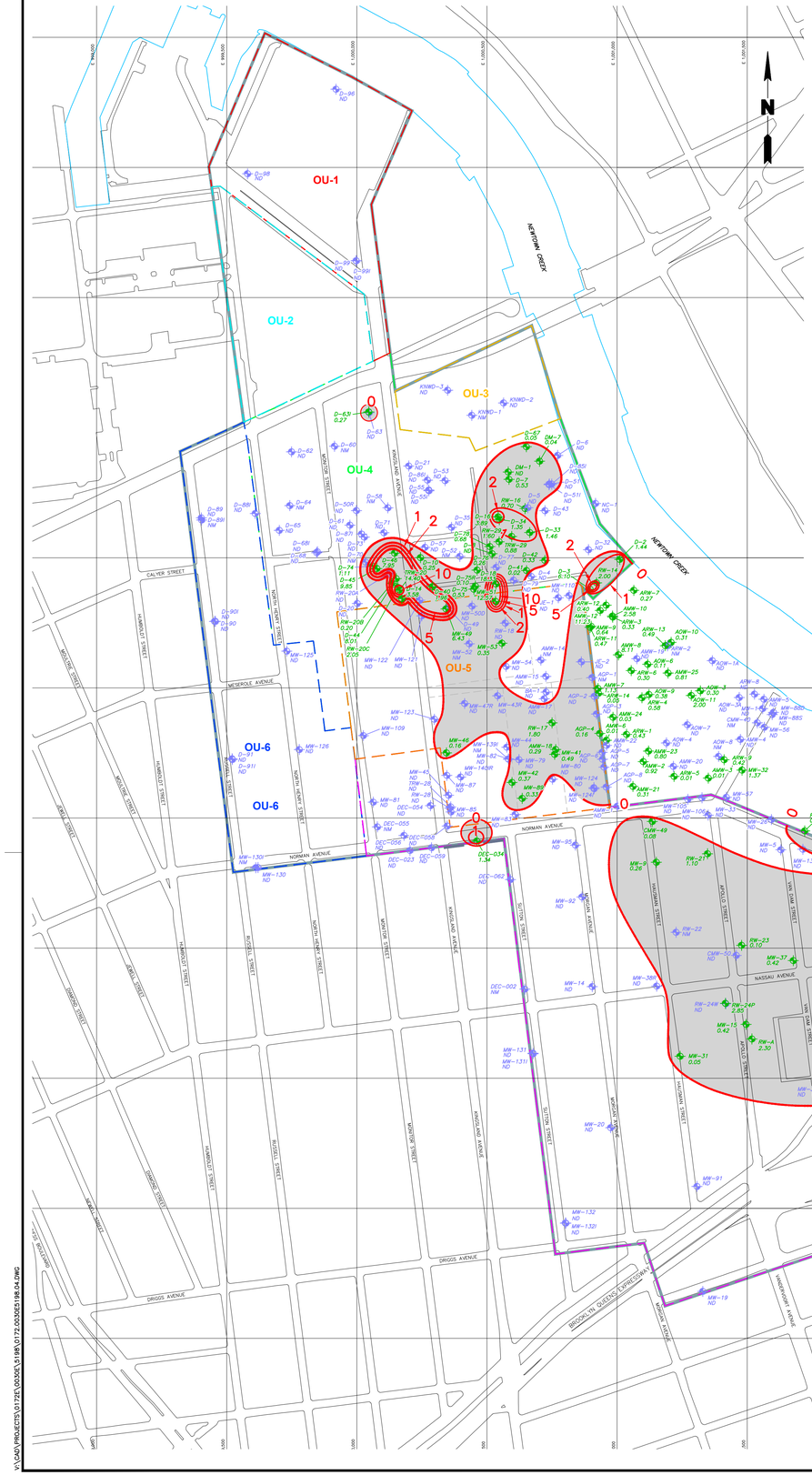
EXXONMOBIL GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

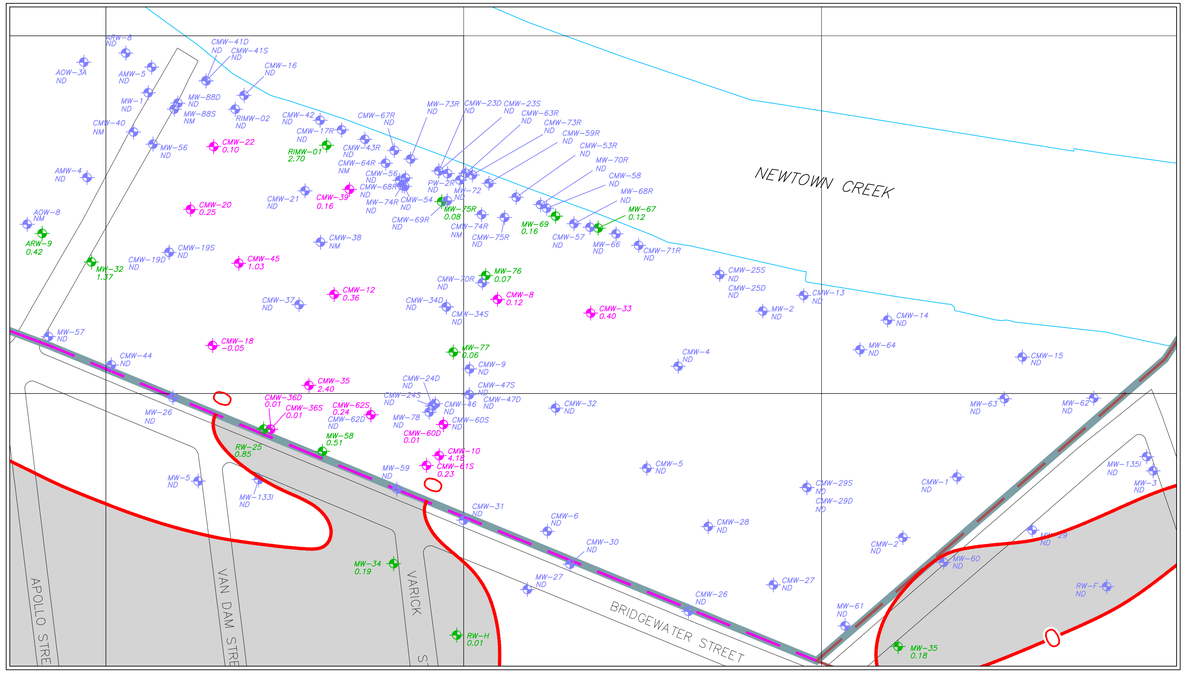
Prepared for:
EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

Compiled by: M.H.	Date: 13JAN25	PLATE	
Prepared by: G.M.	Scale: AS SHOWN		6
Project Mgr: C.P.	Project: 0172.0030E100		
File: 0172.0030E5198.05.DWG			

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RECOVERY WELL FLOW RATES
AT TIME OF MEASUREMENT

DESIGNATION	FLOW RATE (GPM)
RW-A	30
RW-C	39
RW-D	30
RW-F	40
RW-H	50
RW-I	39
RW-K	72
RW-L	50
RW-M	8
RW-14	30
RW-16	9
RW-17	75
RW-18	10
RW-20	3
RW-21	56
RW-23	85
RW-24	17
RW-25	67
RW-28	16
RW-29	4

GPM – GALLONS PER MINUTE

LEGEND

- OU-1 — OU-1, FORMER LUBE PLANT
- OU-2 — OU-2, FORMER NORTHERN CRUDE YARD
- OU-3 — OU-3, 460 KINGSLAND AVE. PARCEL
- OU-4 — OU-4, FORMER BROOKLYN TERMINAL
- OU-5 — OU-5, SOUTHERN FORMER REFINERY PROPERTIES
- OU-6 — OU-6, WESTERN OFF-SITE AREA
- OU-7 — OU-7, SOUTHERN OFF-SITE AREA
- OU-8 — OU-8, EASTERN OFF-SITE AREA
- CONSENT DECREE SITE BOUNDARY
- D-46 / 7.95 — LOCATION AND DESIGNATION OF EXISTING REGIONAL AQUIFER (CONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- D-51 / ND — LOCATION AND DESIGNATION OF EXISTING DEEP REGIONAL AQUIFER (CONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- MW-35 / 0.18 — LOCATION AND DESIGNATION OF EXISTING/REGIONAL AQUIFER (UNCONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- MW-133 / ND — LOCATION AND DESIGNATION OF EXISTING DEEP REGIONAL AQUIFER (UNCONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- MW-500 / ND — LOCATION AND DESIGNATION OF REGIONAL AQUIFER MONITORING WELL SCREENED DEEP (BELOW CLAY LAYER); FREE-PRODUCT THICKNESS IN FEET
- RW-K / 0.40 — LOCATION AND DESIGNATION OF EXISTING REGIONAL AQUIFER RECOVERY WELL; FREE-PRODUCT THICKNESS IN FEET
- CMW-8 / 0.12 — LOCATION AND DESIGNATION OF EXISTING MONITORING WELL INSTALLED BY CHEVRON/TEXACO; FREE-PRODUCT THICKNESS IN FEET

MONITORING WELL COLOR CODE SCHEME

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- APPROXIMATE EXTENT OF FREE-PRODUCT THICKNESS; DASHED WHERE INFERRED

NOTES

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13. MONITORING WELLS D-40 THROUGH D-47, MW-40 THROUGH MW-49, MW-50S, MW-500, AND MW-51 THROUGH MW-54 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM NOVEMBER 2002 THROUGH JANUARY 2003. MONITORING WELLS D-48 THROUGH D-50 AND MW-55 WERE INSTALLED BY ROUX ASSOCIATES, INC. IN SEPTEMBER 2003.
14. MONITORING WELLS MW-56 THROUGH MW-79 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM JULY 2004 THROUGH DECEMBER 2004.
15. MONITORING WELLS MW-80 THROUGH MW-100 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM JULY 2006 THROUGH JANUARY 2007.
16. MONITORING WELLS MW-101 THROUGH MW-110 AND D-51 THROUGH D-68 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM SEPTEMBER 2007 THROUGH AUGUST 2008.
17. MONITORING WELLS MW-111 THROUGH MW-119 AND D-70 THROUGH D-74 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM NOVEMBER 2008 THROUGH OCTOBER 2009.
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22. SYMBOL COLORS FOR MONITORING WELLS THAT WERE NOT MEASURED (NM DESIGNATION) DURING THIS QUARTER'S GAUGING EVENT WERE ASSIGNED BASED ON HISTORIC / RECENT GAUGING DATA THAT INDICATED THE PRESENCE OF, OR LACK OF, FREE-PRODUCT WITHIN THE ASSOCIATED MONITORING WELL.
23. MONITORING WELLS D-851 THROUGH D-991, MW-123 THROUGH MW-126, AND MW-130 THROUGH MW-138I WERE INSTALLED BY ROUX ASSOCIATES INC. BETWEEN OCTOBER 2012 AND MARCH 2013.
24. THE OU DESCRIPTIONS CONTAINED IN THE ABOVE LEGEND ARE GENERAL DESCRIPTIONS AND ARE NOT MEANT TO BE A COMPLETE, DETAILED DESCRIPTION OF EACH OU. FOR ADDITIONAL INFORMATION REGARDING EACH OU, PLEASE REFER TO PRIOR EM3PRP REPORTS SUBMITTED TO THE NYSDEC.
25. MONITORING WELLS DESIGNATED WITH NM WERE NOT MEASURED, TYPICALLY DUE TO WELL ACCESS ISSUES ENCOUNTERED DURING THE QUARTERLY GAUGING ROUND.
26. MONITORING WELL MW-141 WAS INSTALLED BY ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C. (ROUX) IN SEPTEMBER 2021.
27. MONITORING WELLS MW-12R AND MW-38R WERE INSTALLED BY ROUX IN 2021.
28. MONITORING WELLS MW-43, MW-47 AND MW-140I WERE DESTROYED DURING THIRD PARTY CONSTRUCTION ACTIVITIES AND WERE REINSTALLED IN JULY 2022 BY ROUX AS MW-43R, MW-47R AND MW-140IR RESPECTIVELY.

NYSPCS, L.I. ZONE, NAD 83 COORDINATES
N 204,500 —— NORTHING (Y-COORDINATE)
E 1,002,000 —— EASTING (X-COORDINATE)

250' 0 250'

Title:

REGIONAL AQUIFER APPARENT FREE-PRODUCT THICKNESS OCTOBER 3, 2024

EXXONMOBIL GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

Prepared for:

EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

Compiled by: M.H.	Date: 10JAN25	PLATE
Prepared by: G.M.	Scale: AS SHOWN	7
Project Mgr: C.P.	Project: 0172.0030E100	
File: 0172.0030E5198.04.DWG		

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APPENDIX B

RCS, ORS, and SVE System Downtime Summary

Appendix B-1. RCS System Downtime Log, Fourth Quarter of 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

RCS Downtime Log

System Shutdown		System Startup		Hours of Downtime	Reason	Planned Downtime (Y or N)
Date	Time	Date	Time			
10/3/2025	7:44	10/3/2025	22:31	14.8	Force Main Jetting	Y
10/4/2025	2:00	10/4/2025	3:05	1.1	Surge Tank High Level Alarm	N
10/17/2025	15:39	10/18/2025	5:40	14.0	Effluent Tank High Level Alarm	N
10/23/2025	8:05	10/23/2025	8:29	0.4	Storage Tank Alarm	N
11/11/2025	18:49	11/12/2025	5:12	10.4	Communication Loss	N
11/13/2025	8:05	11/13/2025	8:56	0.8	Sand Filter Maintenance	Y
12/2/2025	15:00	12/2/2025	16:55	1.9	Sand Filter Maintenance	Y
12/3/2025	11:28	12/3/2025	12:54	1.4	Sand Filter Maintenance	Y
12/5/2025	16:26	12/5/2025	18:15	1.8	Sand Filter Maintenance	Y
12/6/2025	17:11	12/7/2025	15:58	22.8	Sand Filter Maintenance	Y
12/8/2025	9:10	12/8/2025	10:11	1.0	Sand Filter Maintenance	Y
		Total Planned Downtime:		**44.6**		
		Total Non-Planned Downtime:		**25.9**		
		Total Downtime:		**70.5**		

Appendix B-2. ORS System Downtime Log, Fourth Quarter of 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

ORS Downtime Log

System Shutdown		System Startup		Hours of Downtime	Reason	Planned Downtime (Y or N)
Date	Time	Date	Time			
10/4/2025	19:50	10/4/2025	21:25	1.6	SVE Fire Alarm Fault	N
10/5/2025	13:56	10/5/2025	21:27	7.5	SVE Fire Alarm Fault	N
10/5/2025	22:37	10/6/2025	2:21	3.7	Preventative Maintenance Checks	Y
10/10/2025	10:42	10/10/2025	13:40	3.0	OSS Well Shutdown	N
10/20/2025	17:47	10/21/2025	8:24	14.6	Sand Filter Maintenance	N
10/22/2025	11:37	10/22/2025	12:07	0.5	Sand Filter Maintenance	N
10/29/2025	7:36	10/29/2025	11:05	3.5	GP 2.0 Electrical Testing	Y
10/30/2025	16:08	10/31/2025	13:06	21.0	Communication Lost	N
11/9/2025	5:21	11/9/2025	6:01	0.7	Settling Tank High Level	N
11/11/2025	18:49	11/12/2025	5:05	10.3	Communication Loss	N
11/14/2025	2:56	11/14/2025	6:27	3.5	Settling Tank High Level	N
11/21/2025	3:55	11/21/2025	6:01	2.1	Sand Filter Maintenance	N
11/24/2025	8:39	11/24/2025	11:48	3.1	Fire Alarm Testing	Y
12/1/2025	6:13	12/3/2025	12:25	54.2	SVE Annual Maintenance	Y
12/9/2025	21:32	12/10/2025	6:45	9.2	Surge Pump Maintenance	N
12/30/2025	9:45	12/31/2025	10:32	24.8	Communication Lost	N
		Total Planned Downtime:		**64.6**		
		Total Non-Planned Downtime:		**98.7**		
		Total Downtime:		**163.3**		

Appendix B-3. SVE System Downtime Summary - Fourth Quarter of 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

SVE Downtime Log

System Shutdown		System Startup		Hours of Downtime	Reason	Planned Downtime (Y or N)
Date	Time	Date	Time			
10/4/2025	19:50	10/4/2025	20:45	0.9	SVE Fire Alarm Fault	N
10/5/2025	13:56	10/5/2025	21:27	7.5	SVE Fire Alarm Fault	N
10/29/2025	7:36	10/29/2025	10:15	2.7	GP 2.0 Electrical Testing	Y
11/11/2025	18:49	11/12/2025	5:03	10.2	Communication Loss	N
11/24/2025	8:39	11/24/2025	11:02	2.4	Fire Alarm Testing	Y
12/1/2025	6:05	12/3/2025	10:33	52.5	Combustion Blower Installation	Y
12/30/2025	12:56	12/30/2025	14:20	1.4	Communication Loss	N
		Total Planned Downtime:		**57.5**		

APPENDIX C

Summary of RCS and SVE Air Emissions

Appendix C-1. Summary of RCS Air Emissions Analysis for the Fourth Quarter of 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Using Cavity Impact Method				
Parameters	**Maximum Allowable Effluent Concentration ($\mu g/m^3$)**	**Maximum Influent Concentration During Reporting Period ($\mu g/m^3$)**	**Maximum Lead Vessel Effluent Concentration During Reporting Period ($\mu g/m^3$)**	**Maximum Lag Vessel Effluent Concentration During Reporting Period ($\mu g/m^3$)**
Acetone	188,646,961	68	40	69
1,3-Butadiene	208	ND	ND	ND
Benzene	817	300	96	17
Bromodichloromethane	440,176	ND	ND	ND
Bromoform	5,722	ND	ND	ND
Bromomethane	31,441	ND	ND	ND
Bromoethene	18,865	ND	ND	ND
Benzyl Chloride	126	ND	ND	ND
Carbon disulfide	4,401,762	ND	ND	ND
Chlorobenzene	377,294	ND	ND	ND
Chloroethane	62,882,320	ND	ND	ND
Chloroform	92,437	ND	11	ND
Chloromethane	565,941	ND	ND	ND
3-Chloropropene	6,288	ND	ND	2.5
2-Chlorotoluene	3,898,704	ND	ND	ND
Carbon tetrachloride	1,069	ND	ND	ND
Cyclohexane	37,729,392	320	1300	220
1,1-Dichloroethane	3,962	5.7	9.6	5.4
1,1-Dichloroethylene	1,257,646	ND	3.7	ND
1,2-Dibromoethane	11	ND	ND	ND
1,2-Dichloroethane	239	21	30	7.2
1,2-Dichloropropane	25,153	ND	ND	ND
1,4-Dioxane	1,258	ND	ND	ND
Dichlorodifluoromethane	75,458,784	ND	ND	3.9
Dibromochloromethane	629	ND	ND	ND
trans-1,2-Dichloroethene	396,159	ND	ND	3.2
cis-1,2-Dichloroethene	396,159	480	1000	470
cis-1,3-Dichloropropene	1,572	ND	ND	ND
m-Dichlorobenzene	62,882	ND	ND	ND
o-Dichlorobenzene	1,257,646	ND	ND	ND
p-Dichlorobenzene	566	ND	ND	ND
trans-1,3-Dichloropropene	1,572	ND	ND	ND
Ethanol	282,970,441	ND	ND	45
Ethylbenzene	6,288,232	19	ND	ND
Ethyl Acetate	21,379,989	ND	ND	ND
4-Ethyltoluene	629	16	ND	ND
Freon 113	1,131,881,763	ND	ND	ND
Freon 114	106,899,944	ND	ND	ND
Heptane	24,524,105	73	14	1.4

Appendix C-1. Summary of RCS Air Emissions Analysis for the Fourth Quarter of 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Using Cavity Impact Method				
Parameters	**Maximum Allowable Effluent Concentration ($\mu g/m^3$)**	**Maximum Influent Concentration During Reporting Period ($\mu g/m^3$)**	**Maximum Lead Vessel Effluent Concentration During Reporting Period ($\mu g/m^3$)**	**Maximum Lag Vessel Effluent Concentration During Reporting Period ($\mu g/m^3$)**
Hexachlorobutadiene	283	ND	ND	ND
Hexane	4,401,762	110	94	12
2-Hexanone	188,647	ND	ND	ND
Isopropyl Alcohol	44,017,624	ND	ND	5.9
Methylene chloride	377,294	ND	ND	0.95
Methyl ethyl ketone	31,441,160	ND	ND	1.2
Methyl Isobutyl Ketone	18,864,696	ND	ND	ND
MTBE	23,895	33	110	13
Methyl Methacrylate	4,401,762	ND	ND	ND
Propylene	18,864,696	5.8	15	3.2
Styrene	6,288,232	ND	ND	ND
1,1,1-Trichloroethane	31,441,160	ND	ND	ND
1,1,2,2-Tetrachloroethane	100,612	ND	ND	ND
1,1,2-Trichloroethane	8,804	27	ND	ND
1,2,4-Trichlorobenzene	5,986,397	ND	ND	ND
1,2,4-Trimethylbenzene	37,729	46	ND	ND
1,3,5-Trimethylbenzene	37,729	22	ND	ND
2,2,4-Trimethylpentane	20,751,166	29	ND	ND
t-Butyl Alcohol	4,527,527	ND	38	ND
Tetrachloroethylene	25,153	1100	420	77
Tetrahydrofuran	2,200,881	ND	ND	7.6
Toluene	31,441,160	25	ND	ND
Trichloroethylene	1,258	180	190	23
Trichlorofluoromethane	31,441,160	ND	ND	2.3
Vinyl chloride	692	33	31	18
Vinyl Acetate	1,257,646	ND	ND	ND
Xylenes (total)	628,823	128	ND	ND

Notes:
Maximum allowable concentrations calculated from DAR-1
Maximum influent and effluent calculations are maximum values for the reporting period from monthly laboratory analytical data
AGC - Annual Guideline Concentration
$\mu g/m^3$ - microgram per cubic meter
ND - Not Detected
Maximum allowable concentrations calculated using average flow rate of 3071 scfm

Appendix C-2. Summary of SVE System Air Emissions Analysis for the Fourth Quarter of 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Using Standard Point Source Method			
Parameters	**Maximum Allowable Effluent Concentration ($\mu g/m^3$)**	**Maximum Influent Concentration During Reporting Period ($\mu g/m^3$)**	**Maximum Effluent Concentration During Reporting Period ($\mu g/m^3$)**
Acetone	504,511,964	ND	420
1,3-Butadiene	555	ND	ND
Benzene	2,186	7100	22
Bromodichloromethane	1,177,195	ND	ND
Bromoform	15,304	ND	ND
Bromomethane	84,085	ND	ND
Bromoethene	50,451	ND	ND
Benzyl Chloride	336	ND	ND
Carbon disulfide	11,771,946	ND	ND
Chlorobenzene	1,009,024	ND	ND
Chloroethane	168,170,655	ND	13
Chloroform	247,211	ND	5.3
Chloromethane	1,513,536	ND	9
3-Chloropropene	16,817	ND	ND
2-Chlorotoluene	10,426,581	ND	ND
Carbon tetrachloride	2,859	ND	ND
Cyclohexane	100,902,393	99000	650
1,1-Dichloroethane	10,595	ND	ND
1,1-Dichloroethylene	3,363,413	ND	ND
1,2-Dibromoethane	29	ND	ND
1,2-Dichloroethane	639	ND	20
1,2-Dichloropropane	67,268	ND	ND
1,4-Dioxane	3,363	ND	ND
Dichlorodifluoromethane	201,804,785	ND	ND
Dibromochloromethane	1,682	ND	ND
trans-1,2-Dichloroethene	1,059,475	ND	ND
cis-1,2-Dichloroethene	1,059,475	ND	ND
cis-1,3-Dichloropropene	4,204	ND	ND
m-Dichlorobenzene	168,171	ND	ND
o-Dichlorobenzene	3,363,413	ND	ND
p-Dichlorobenzene	1,514	ND	ND
trans-1,3-Dichloropropene	4,204	ND	ND
Ethanol	756,767,945	ND	ND
Ethylbenzene	16,817,065	4400	ND
Ethyl Acetate	57,178,023	ND	ND
4-Ethyltoluene	1,682	1000	ND
Freon 113	3,027,071,782	ND	ND

Appendix C-2. Summary of SVE System Air Emissions Analysis for the Fourth Quarter of 2025
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Using Standard Point Source Method			
Parameters	**Maximum Allowable Effluent Concentration ($\mu g/m^3$)**	**Maximum Influent Concentration During Reporting Period ($\mu g/m^3$)**	**Maximum Effluent Concentration During Reporting Period ($\mu g/m^3$)**
Freon 114	285,890,113	ND	ND
Heptane	65,586,555	85000	590
Hexachlorobutadiene	757	ND	ND
Hexane	11,771,946	60000	750
2-Hexanone	504,512	ND	ND
Isopropyl Alcohol	117,719,458	1900	ND
Methylene chloride	773,585	ND	23
Methyl ethyl ketone	84,085,327	810	58
Methyl Isobutyl Ketone	50,451,196	ND	ND
MTBE	63,905	ND	ND
Methane[1]	26,907,305	2800	290
Methyl Methacrylate	11,771,946	ND	ND
Propylene	50,451,196	ND	81
Styrene	16,817,065	ND	ND
1,1,1-Trichloroethane	84,085,327	ND	ND
1,1,2,2-Tetrachloroethane	269,073	ND	ND
1,1,2-Trichloroethane	23,544	26000	ND
1,2,4-Trichlorobenzene	588,597	ND	ND
1,2,4-Trimethylbenzene	1,009,024	2800	ND
1,3,5-Trimethylbenzene	1,009,024	1600	ND
2,2,4-Trimethylpentane	55,496,316	20000	150
t-Butyl Alcohol	12,108,287	ND	ND
Tetrachloroethylene	67,268	ND	310
Tetrahydrofuran	5,885,973	ND	ND
Toluene	84,085,327	ND	ND
Total Petroleum Hydrocarbons[1]	N/A	4600	290
Trichloroethylene	3,532	ND	60
Trichlorofluoromethane	84,085,327	ND	ND
Vinyl chloride	1,850	ND	ND
Vinyl Acetate	3,363,413	ND	ND
Xylenes (total)	1,681,707	26300	ND

Notes:
Maximum allowable concentrations calculated from DAR-1
Maximum influent and effluent calculations are maximum values for the reporting period from monthly laboratory analytical data
AGC - Annual Guideline Concentration
$\mu g/m^3$ - microgram per cubic meter
ND - Not Detected
Maximum allowable concentrations calculated using average flow rate 3078 scfm
1. Data provided in parts per million (ppmv)

APPENDIX D

Air Sampling Documentation and
Laboratory Analytical Data

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ANALYTICAL REPORT

PREPARED FOR

Attn: Natalia Barragan-Valderrama
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

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JOB DESCRIPTION

EMGPRP-31097

JOB NUMBER

410-248626-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

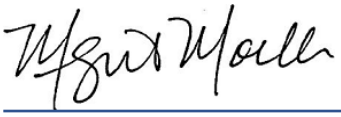
See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Megan Moeller, Client Services Manager
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Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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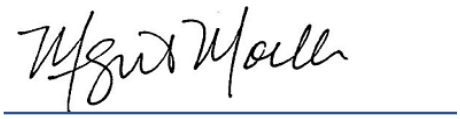


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Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-248626-1	Flame-Ox Effluent	Air	10/15/25 10:20	10/21/25 19:25	Air Canister (1-Liter) #2080
410-248626-2	SVE Combined Influent	Air	10/15/25 10:10	10/21/25 19:25	Air Canister (1-Liter) #2008
410-248626-3	LICC Air	Air	10/17/25 11:58	10/21/25 19:25	Air Canister (1-Liter) #2121
410-248626-4	ORS AS Influent	Air	10/15/25 10:12	10/21/25 19:25	Air Canister (1-Liter) #2045
410-248626-5	SVE Influent	Air	10/15/25 10:08	10/21/25 19:25	Air Canister (1-Liter) #2061

Job ID: 410-248626-1 Eurofins Lancaster Laboratories Environment

Job Narrative
410-248626-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/21/2025 7:25 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Air - GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Air - GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Client Sample ID: Flame-Ox Effluent

Lab Sample ID: 410-248626-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	58	J	59	12	ug/m3	20		TO-15	Total/NA
Acetone	420		240	48	ug/m3	20		TO-15	Total/NA
Benzene	22	J	64	7.0	ug/m3	20		TO-15	Total/NA
Heptane	520		82	19	ug/m3	20		TO-15	Total/NA
Hexane	750		70	21	ug/m3	20		TO-15	Total/NA
Isooctane	140		93	37	ug/m3	20		TO-15	Total/NA
Cyclohexane	600		69	14	ug/m3	20		TO-15	Total/NA
Tetrachloroethene	71	J	270	34	ug/m3	20		TO-15	Total/NA
Propene	81		34	10	ug/m3	20		TO-15	Total/NA
Methane	190		33	5.9	mg/m3	10		EPA-18	Total/NA
C1-C10 as methane	190		66	33	mg/m3	10		EPA-18	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	20	J	20	4.2	ppb v/v	20		TO-15	Total/NA
Acetone	180		100	20	ppb v/v	20		TO-15	Total/NA
Benzene	6.8	J	20	2.2	ppb v/v	20		TO-15	Total/NA
Heptane	130		20	4.6	ppb v/v	20		TO-15	Total/NA
Hexane	210		20	6.0	ppb v/v	20		TO-15	Total/NA
Isooctane	31		20	8.0	ppb v/v	20		TO-15	Total/NA
Cyclohexane	170		20	4.0	ppb v/v	20		TO-15	Total/NA
Tetrachloroethene	11	J	40	5.0	ppb v/v	20		TO-15	Total/NA
Propene	47		20	6.0	ppb v/v	20		TO-15	Total/NA
Methane	290		50	9.0	ppm v/v	10		EPA-18	Total/NA
C1-C10 as methane	290		100	50	ppm v/v	10		EPA-18	Total/NA

Client Sample ID: SVE Combined Influent

Lab Sample ID: 410-248626-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1800	J	9800	1400	ug/m3	1000		TO-15	Total/NA
2-Butanone	730	J	2900	620	ug/m3	1000		TO-15	Total/NA
Benzene	4900		3200	350	ug/m3	1000		TO-15	Total/NA
Ethylbenzene	2900	J	4300	830	ug/m3	1000		TO-15	Total/NA
Heptane	59000		4100	940	ug/m3	1000		TO-15	Total/NA
Hexane	52000		3500	1100	ug/m3	1000		TO-15	Total/NA
Isooctane	14000		4700	1900	ug/m3	1000		TO-15	Total/NA
m&p-Xylene	17000		4300	1100	ug/m3	1000		TO-15	Total/NA
Cyclohexane	69000		3400	690	ug/m3	1000		TO-15	Total/NA
o-Xylene	850	J	4300	830	ug/m3	1000		TO-15	Total/NA
Ethanol	5400	J	9400	3800	ug/m3	1000		TO-15	Total/NA
Isopropanol	1900	J	2500	1500	ug/m3	1000		TO-15	Total/NA
Methane	1200		660	120	mg/m3	200		EPA-18	Total/NA
C1-C10 as methane	1500		1300	660	mg/m3	200		EPA-18	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	370	J	2000	280	ppb v/v	1000		TO-15	Total/NA
2-Butanone	250	J	1000	210	ppb v/v	1000		TO-15	Total/NA
Benzene	1500		1000	110	ppb v/v	1000		TO-15	Total/NA
Ethylbenzene	680	J	1000	190	ppb v/v	1000		TO-15	Total/NA
Heptane	14000		1000	230	ppb v/v	1000		TO-15	Total/NA
Hexane	15000		1000	300	ppb v/v	1000		TO-15	Total/NA
Isooctane	3000		1000	400	ppb v/v	1000		TO-15	Total/NA
m&p-Xylene	3800		1000	260	ppb v/v	1000		TO-15	Total/NA
Cyclohexane	20000		1000	200	ppb v/v	1000		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SVE Combined Influent (Continued)

Lab Sample ID: 410-248626-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
o-Xylene	200	J	1000	190	ppb v/v	1000		TO-15	Total/NA
Ethanol	2900	J	5000	2000	ppb v/v	1000		TO-15	Total/NA
Isopropanol	770	J	1000	600	ppb v/v	1000		TO-15	Total/NA
Methane	1800		1000	180	ppm v/v	200		EPA-18	Total/NA
C1-C10 as methane	2300		2000	1000	ppm v/v	200		EPA-18	Total/NA

Client Sample ID: LICC Air

Lab Sample ID: 410-248626-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	6.6		2.9	0.62	ug/m3	1		TO-15	Total/NA
Acetone	29		12	2.4	ug/m3	1		TO-15	Total/NA
Benzene	1.4	J	3.2	0.35	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	1.9	J	4.9	0.64	ug/m3	1		TO-15	Total/NA
Heptane	2.8	J	4.1	0.94	ug/m3	1		TO-15	Total/NA
Hexane	4.2		3.5	1.1	ug/m3	1		TO-15	Total/NA
Isooctane	2.5	J	4.7	1.9	ug/m3	1		TO-15	Total/NA
m&p-Xylene	2.6	J	4.3	1.1	ug/m3	1		TO-15	Total/NA
Cyclohexane	2.4	J	3.4	0.69	ug/m3	1		TO-15	Total/NA
o-Xylene	0.97	J	4.3	0.83	ug/m3	1		TO-15	Total/NA
Ethanol	14		9.4	3.8	ug/m3	1		TO-15	Total/NA
Toluene	3.2	J	3.8	1.5	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	5.6	0.84	ug/m3	1		TO-15	Total/NA
Isopropanol	2.6		2.5	1.5	ug/m3	1		TO-15	Total/NA
Propene	2.9		1.7	0.52	ug/m3	1		TO-15	Total/NA
Methane	1.2	J	6.5	1.2	mg/m3	1.99		EPA-18	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	2.2		1.0	0.21	ppb v/v	1		TO-15	Total/NA
Acetone	12		5.0	1.0	ppb v/v	1		TO-15	Total/NA
Benzene	0.44	J	1.0	0.11	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.38	J	1.0	0.13	ppb v/v	1		TO-15	Total/NA
Heptane	0.68	J	1.0	0.23	ppb v/v	1		TO-15	Total/NA
Hexane	1.2		1.0	0.30	ppb v/v	1		TO-15	Total/NA
Isooctane	0.54	J	1.0	0.40	ppb v/v	1		TO-15	Total/NA
m&p-Xylene	0.60	J	1.0	0.26	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.70	J	1.0	0.20	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.22	J	1.0	0.19	ppb v/v	1		TO-15	Total/NA
Ethanol	7.4		5.0	2.0	ppb v/v	1		TO-15	Total/NA
Toluene	0.85	J	1.0	0.40	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.18	J	1.0	0.15	ppb v/v	1		TO-15	Total/NA
Isopropanol	1.0		1.0	0.60	ppb v/v	1		TO-15	Total/NA
Propene	1.7		1.0	0.30	ppb v/v	1		TO-15	Total/NA
Methane	1.8	J	10	1.8	ppm v/v	1.99		EPA-18	Total/NA

Client Sample ID: ORS AS Influent

Lab Sample ID: 410-248626-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	12	J	40	3.2	ug/m3	10		TO-15	Total/NA
2-Butanone	13	J	29	6.2	ug/m3	10		TO-15	Total/NA
Acetone	51	J	120	24	ug/m3	10		TO-15	Total/NA
Benzene	230		32	3.5	ug/m3	10		TO-15	Total/NA
cis-1,2-Dichloroethene	70		40	7.9	ug/m3	10		TO-15	Total/NA
Ethylbenzene	12	J	43	8.3	ug/m3	10		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: ORS AS Influent (Continued)

Lab Sample ID: 410-248626-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Heptane	54		41	9.4	ug/m3	10		TO-15	Total/NA
Hexane	120		35	11	ug/m3	10		TO-15	Total/NA
m&p-Xylene	31	J	43	11	ug/m3	10		TO-15	Total/NA
Cyclohexane	370		34	6.9	ug/m3	10		TO-15	Total/NA
Tetrachloroethene	130	J	140	17	ug/m3	10		TO-15	Total/NA
Trichloroethene	97		54	9.7	ug/m3	10		TO-15	Total/NA
Vinyl chloride	4.8	J	26	3.1	ug/m3	10		TO-15	Total/NA
Methane	7.6		6.6	1.2	mg/m3	2		EPA-18	Total/NA
C1-C10 as methane	7.7	J	13	6.6	mg/m3	2		EPA-18	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	3.0	J	10	0.80	ppb v/v	10		TO-15	Total/NA
2-Butanone	4.2	J	10	2.1	ppb v/v	10		TO-15	Total/NA
Acetone	22	J	50	10	ppb v/v	10		TO-15	Total/NA
Benzene	73		10	1.1	ppb v/v	10		TO-15	Total/NA
cis-1,2-Dichloroethene	18		10	2.0	ppb v/v	10		TO-15	Total/NA
Ethylbenzene	2.7	J	10	1.9	ppb v/v	10		TO-15	Total/NA
Heptane	13		10	2.3	ppb v/v	10		TO-15	Total/NA
Hexane	34		10	3.0	ppb v/v	10		TO-15	Total/NA
m&p-Xylene	7.1	J	10	2.6	ppb v/v	10		TO-15	Total/NA
Cyclohexane	110		10	2.0	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene	20	J	20	2.5	ppb v/v	10		TO-15	Total/NA
Trichloroethene	18		10	1.8	ppb v/v	10		TO-15	Total/NA
Vinyl chloride	1.9	J	10	1.2	ppb v/v	10		TO-15	Total/NA
Methane	12		10	1.8	ppm v/v	2		EPA-18	Total/NA
C1-C10 as methane	12	J	20	10	ppm v/v	2		EPA-18	Total/NA

Client Sample ID: SVE Influent

Lab Sample ID: 410-248626-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	810	J	2900	620	ug/m3	1000		TO-15	Total/NA
Benzene	4600		3200	350	ug/m3	1000		TO-15	Total/NA
Ethylbenzene	1800	J	4300	830	ug/m3	1000		TO-15	Total/NA
Heptane	53000		4100	940	ug/m3	1000		TO-15	Total/NA
Hexane	51000		3500	1100	ug/m3	1000		TO-15	Total/NA
Isooctane	14000		4700	1900	ug/m3	1000		TO-15	Total/NA
m&p-Xylene	9700		4300	1100	ug/m3	1000		TO-15	Total/NA
Cyclohexane	66000		3400	690	ug/m3	1000		TO-15	Total/NA
Isopropanol	1900	J	2500	1500	ug/m3	1000		TO-15	Total/NA
Methane	1000		130	24	mg/m3	40		EPA-18	Total/NA
C1-C10 as methane	1700		260	130	mg/m3	40		EPA-18	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	270	J	1000	210	ppb v/v	1000		TO-15	Total/NA
Benzene	1400		1000	110	ppb v/v	1000		TO-15	Total/NA
Ethylbenzene	420	J	1000	190	ppb v/v	1000		TO-15	Total/NA
Heptane	13000		1000	230	ppb v/v	1000		TO-15	Total/NA
Hexane	14000		1000	300	ppb v/v	1000		TO-15	Total/NA
Isooctane	3000		1000	400	ppb v/v	1000		TO-15	Total/NA
m&p-Xylene	2200		1000	260	ppb v/v	1000		TO-15	Total/NA
Cyclohexane	19000		1000	200	ppb v/v	1000		TO-15	Total/NA
Isopropanol	780	J	1000	600	ppb v/v	1000		TO-15	Total/NA
Methane	1500		200	36	ppm v/v	40		EPA-18	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SVE Influent (Continued)

Lab Sample ID: 410-248626-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C1-C10 as methane	2600		400	200	ppm v/v	40		EPA-18	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Client Sample ID: Flame-Ox Effluent
Date Collected: 10/15/25 10:20
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248626-1
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		110	13	ug/m3			11/04/25 16:23	20
1,1,2,2-Tetrachloroethane	ND		140	21	ug/m3			11/04/25 16:23	20
1,1,2-Trichloroethane	ND		110	13	ug/m3			11/04/25 16:23	20
1,1-Dichloroethane	ND		81	7.2	ug/m3			11/04/25 16:23	20
1,1-Dichloroethene	ND		79	11	ug/m3			11/04/25 16:23	20
1,2,4-Trichlorobenzene	ND		300	74	ug/m3			11/04/25 16:23	20
1,2,4-Trimethylbenzene	ND		200	28	ug/m3			11/04/25 16:23	20
1,2-Dibromoethane	ND		150	20	ug/m3			11/04/25 16:23	20
1,2-Dichlorobenzene	ND		120	24	ug/m3			11/04/25 16:23	20
1,2-Dichloroethane	ND		81	6.5	ug/m3			11/04/25 16:23	20
1,2-Dichloropropane	ND		92	12	ug/m3			11/04/25 16:23	20
1,3,5-Trimethylbenzene	ND		200	31	ug/m3			11/04/25 16:23	20
1,3-Butadiene	ND		44	7.5	ug/m3			11/04/25 16:23	20
1,3-Dichlorobenzene	ND		120	36	ug/m3			11/04/25 16:23	20
1,4-Dichlorobenzene	ND		120	36	ug/m3			11/04/25 16:23	20
2-Butanone	**58**	**J**	59	12	ug/m3			11/04/25 16:23	20
2-Hexanone	ND		160	41	ug/m3			11/04/25 16:23	20
3-Chloroprene	ND		63	13	ug/m3			11/04/25 16:23	20
4-Ethyltoluene	ND		98	18	ug/m3			11/04/25 16:23	20
1,4-Dioxane	ND		72	12	ug/m3			11/04/25 16:23	20
4-Methyl-2-pentanone	ND		82	12	ug/m3			11/04/25 16:23	20
Acetone	**420**		240	48	ug/m3			11/04/25 16:23	20
2-Chlorotoluene	ND		100	23	ug/m3			11/04/25 16:23	20
Benzene	**22**	**J**	64	7.0	ug/m3			11/04/25 16:23	20
Bromodichloromethane	ND		130	54	ug/m3			11/04/25 16:23	20
Bromoform	ND		210	83	ug/m3			11/04/25 16:23	20
Bromomethane	ND		78	16	ug/m3			11/04/25 16:23	20
Carbon disulfide	ND		62	25	ug/m3			11/04/25 16:23	20
Carbon tetrachloride	ND		130	18	ug/m3			11/04/25 16:23	20
Chlorobenzene	ND		92	12	ug/m3			11/04/25 16:23	20
Chloroethane	ND		53	16	ug/m3			11/04/25 16:23	20
Chloroform	ND		98	9.0	ug/m3			11/04/25 16:23	20
Benzyl chloride	ND		210	31	ug/m3			11/04/25 16:23	20
Chloromethane	ND		41	17	ug/m3			11/04/25 16:23	20
cis-1,2-Dichloroethene	ND		79	16	ug/m3			11/04/25 16:23	20
cis-1,3-Dichloropropene	ND		91	9.1	ug/m3			11/04/25 16:23	20
Bromoethene	ND		87	16	ug/m3			11/04/25 16:23	20
Dibromochloromethane	ND		170	68	ug/m3			11/04/25 16:23	20
Dichlorodifluoromethane	ND		99	13	ug/m3			11/04/25 16:23	20
Ethylbenzene	ND		87	17	ug/m3			11/04/25 16:23	20
Freon 113	ND		150	31	ug/m3			11/04/25 16:23	20
Freon-114	ND		140	17	ug/m3			11/04/25 16:23	20
Heptane	**520**		82	19	ug/m3			11/04/25 16:23	20
Hexane	**750**		70	21	ug/m3			11/04/25 16:23	20
Isooctane	**140**		93	37	ug/m3			11/04/25 16:23	20
m&p-Xylene	ND		87	23	ug/m3			11/04/25 16:23	20
Cyclohexane	**600**		69	14	ug/m3			11/04/25 16:23	20
Methyl t-butyl ether	ND		72	11	ug/m3			11/04/25 16:23	20

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Client Sample ID: Flame-Ox Effluent
Date Collected: 10/15/25 10:20
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248626-1
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		140	17	ug/m3			11/04/25 16:23	20
o-Xylene	ND		87	17	ug/m3			11/04/25 16:23	20
Styrene	ND		85	17	ug/m3			11/04/25 16:23	20
Ethanol	ND		190	75	ug/m3			11/04/25 16:23	20
Tetrachloroethene	**71**	**J**	270	34	ug/m3			11/04/25 16:23	20
Ethyl acetate	ND		140	18	ug/m3			11/04/25 16:23	20
Toluene	ND		75	30	ug/m3			11/04/25 16:23	20
trans-1,2-Dichloroethene	ND		79	16	ug/m3			11/04/25 16:23	20
trans-1,3-Dichloropropene	ND		91	11	ug/m3			11/04/25 16:23	20
Trichloroethene	ND		110	19	ug/m3			11/04/25 16:23	20
Trichlorofluoromethane	ND		110	17	ug/m3			11/04/25 16:23	20
Vinyl chloride	ND		51	6.1	ug/m3			11/04/25 16:23	20
Hexachlorobutadiene	ND		430	100	ug/m3			11/04/25 16:23	20
Isopropanol	ND		49	29	ug/m3			11/04/25 16:23	20
Methyl methacrylate	ND		82	12	ug/m3			11/04/25 16:23	20
Propene	**81**		34	10	ug/m3			11/04/25 16:23	20
tert-Butyl alcohol	ND		61	13	ug/m3			11/04/25 16:23	20
Tetrahydrofuran	ND		59	14	ug/m3			11/04/25 16:23	20
Vinyl acetate	ND		70	11	ug/m3			11/04/25 16:23	20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	2.4	ppb v/v			11/04/25 16:23	20
1,1,2,2-Tetrachloroethane	ND		20	3.0	ppb v/v			11/04/25 16:23	20
1,1,2-Trichloroethane	ND		20	2.4	ppb v/v			11/04/25 16:23	20
1,1-Dichloroethane	ND		20	1.8	ppb v/v			11/04/25 16:23	20
1,1-Dichloroethene	ND		20	2.8	ppb v/v			11/04/25 16:23	20
1,2,4-Trichlorobenzene	ND		40	10	ppb v/v			11/04/25 16:23	20
1,2,4-Trimethylbenzene	ND		40	5.6	ppb v/v			11/04/25 16:23	20
1,2-Dibromoethane	ND		20	2.6	ppb v/v			11/04/25 16:23	20
1,2-Dichlorobenzene	ND		20	4.0	ppb v/v			11/04/25 16:23	20
1,2-Dichloroethane	ND		20	1.6	ppb v/v			11/04/25 16:23	20
1,2-Dichloropropane	ND		20	2.6	ppb v/v			11/04/25 16:23	20
1,3,5-Trimethylbenzene	ND		40	6.4	ppb v/v			11/04/25 16:23	20
1,3-Butadiene	ND		20	3.4	ppb v/v			11/04/25 16:23	20
1,3-Dichlorobenzene	ND		20	6.0	ppb v/v			11/04/25 16:23	20
1,4-Dichlorobenzene	ND		20	6.0	ppb v/v			11/04/25 16:23	20
2-Butanone	**20**	**J**	20	4.2	ppb v/v			11/04/25 16:23	20
2-Hexanone	ND		40	10	ppb v/v			11/04/25 16:23	20
3-Chloroprene	ND		20	4.0	ppb v/v			11/04/25 16:23	20
4-Ethyltoluene	ND		20	3.6	ppb v/v			11/04/25 16:23	20
1,4-Dioxane	ND		20	3.4	ppb v/v			11/04/25 16:23	20
4-Methyl-2-pentanone	ND		20	3.0	ppb v/v			11/04/25 16:23	20
Acetone	**180**		100	20	ppb v/v			11/04/25 16:23	20
2-Chlorotoluene	ND		20	4.4	ppb v/v			11/04/25 16:23	20
Benzene	**6.8**	**J**	20	2.2	ppb v/v			11/04/25 16:23	20
Bromodichloromethane	ND		20	8.0	ppb v/v			11/04/25 16:23	20
Bromoform	ND		20	8.0	ppb v/v			11/04/25 16:23	20
Bromomethane	ND		20	4.0	ppb v/v			11/04/25 16:23	20
Carbon disulfide	ND		20	8.0	ppb v/v			11/04/25 16:23	20

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Client Sample ID: Flame-Ox Effluent
Date Collected: 10/15/25 10:20
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248626-1
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		20	2.8	ppb v/v			11/04/25 16:23	20
Chlorobenzene	ND		20	2.6	ppb v/v			11/04/25 16:23	20
Chloroethane	ND		20	6.0	ppb v/v			11/04/25 16:23	20
Chloroform	ND		20	1.8	ppb v/v			11/04/25 16:23	20
Benzyl chloride	ND		40	6.0	ppb v/v			11/04/25 16:23	20
Chloromethane	ND		20	8.0	ppb v/v			11/04/25 16:23	20
cis-1,2-Dichloroethene	ND		20	4.0	ppb v/v			11/04/25 16:23	20
cis-1,3-Dichloropropene	ND		20	2.0	ppb v/v			11/04/25 16:23	20
Bromoethene	ND		20	3.6	ppb v/v			11/04/25 16:23	20
Dibromochloromethane	ND		20	8.0	ppb v/v			11/04/25 16:23	20
Dichlorodifluoromethane	ND		20	2.6	ppb v/v			11/04/25 16:23	20
Ethylbenzene	ND		20	3.8	ppb v/v			11/04/25 16:23	20
Freon 113	ND		20	4.0	ppb v/v			11/04/25 16:23	20
Freon-114	ND		20	2.4	ppb v/v			11/04/25 16:23	20
Heptane	**130**		20	4.6	ppb v/v			11/04/25 16:23	20
Hexane	**210**		20	6.0	ppb v/v			11/04/25 16:23	20
Isooctane	**31**		20	8.0	ppb v/v			11/04/25 16:23	20
m&p-Xylene	ND		20	5.2	ppb v/v			11/04/25 16:23	20
Cyclohexane	**170**		20	4.0	ppb v/v			11/04/25 16:23	20
Methyl t-butyl ether	ND		20	3.0	ppb v/v			11/04/25 16:23	20
Methylene Chloride	ND		40	5.0	ppb v/v			11/04/25 16:23	20
o-Xylene	ND		20	3.8	ppb v/v			11/04/25 16:23	20
Styrene	ND		20	4.0	ppb v/v			11/04/25 16:23	20
Ethanol	ND		100	40	ppb v/v			11/04/25 16:23	20
Tetrachloroethene	**11**	**J**	40	5.0	ppb v/v			11/04/25 16:23	20
Ethyl acetate	ND		40	5.0	ppb v/v			11/04/25 16:23	20
Toluene	ND		20	8.0	ppb v/v			11/04/25 16:23	20
trans-1,2-Dichloroethene	ND		20	4.0	ppb v/v			11/04/25 16:23	20
trans-1,3-Dichloropropene	ND		20	2.4	ppb v/v			11/04/25 16:23	20
Trichloroethene	ND		20	3.6	ppb v/v			11/04/25 16:23	20
Trichlorofluoromethane	ND		20	3.0	ppb v/v			11/04/25 16:23	20
Vinyl chloride	ND		20	2.4	ppb v/v			11/04/25 16:23	20
Hexachlorobutadiene	ND		40	9.4	ppb v/v			11/04/25 16:23	20
Isopropanol	ND		20	12	ppb v/v			11/04/25 16:23	20
Methyl methacrylate	ND		20	3.0	ppb v/v			11/04/25 16:23	20
Propene	**47**		20	6.0	ppb v/v			11/04/25 16:23	20
tert-Butyl alcohol	ND		20	4.2	ppb v/v			11/04/25 16:23	20
Tetrahydrofuran	ND		20	4.8	ppb v/v			11/04/25 16:23	20
Vinyl acetate	ND		20	3.2	ppb v/v			11/04/25 16:23	20

Method: EPA-18 - Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**190**		33	5.9	mg/m3			10/25/25 11:46	10
C1-C10 as methane	**190**		66	33	mg/m3			10/25/25 11:46	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**290**		50	9.0	ppm v/v			10/25/25 11:46	10
C1-C10 as methane	**290**		100	50	ppm v/v			10/25/25 11:46	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Client Sample ID: SVE Combined Influent
Date Collected: 10/15/25 10:10
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248626-2
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5500	650	ug/m3			11/04/25 18:52	1000
1,1,2,2-Tetrachloroethane	ND		6900	1000	ug/m3			11/04/25 18:52	1000
1,1,2-Trichloroethane	ND		5500	650	ug/m3			11/04/25 18:52	1000
1,1-Dichloroethane	ND		4000	360	ug/m3			11/04/25 18:52	1000
1,1-Dichloroethene	ND		4000	560	ug/m3			11/04/25 18:52	1000
1,2,4-Trichlorobenzene	ND		15000	3700	ug/m3			11/04/25 18:52	1000
1,2,4-Trimethylbenzene	**1800**	**J**	9800	1400	ug/m3			11/04/25 18:52	1000
1,2-Dibromoethane	ND		7700	1000	ug/m3			11/04/25 18:52	1000
1,2-Dichlorobenzene	ND		6000	1200	ug/m3			11/04/25 18:52	1000
1,2-Dichloroethane	ND		4000	320	ug/m3			11/04/25 18:52	1000
1,2-Dichloropropane	ND		4600	600	ug/m3			11/04/25 18:52	1000
1,3,5-Trimethylbenzene	ND		9800	1600	ug/m3			11/04/25 18:52	1000
1,3-Butadiene	ND		2200	380	ug/m3			11/04/25 18:52	1000
1,3-Dichlorobenzene	ND		6000	1800	ug/m3			11/04/25 18:52	1000
1,4-Dichlorobenzene	ND		6000	1800	ug/m3			11/04/25 18:52	1000
2-Butanone	**730**	**J**	2900	620	ug/m3			11/04/25 18:52	1000
2-Hexanone	ND		8200	2000	ug/m3			11/04/25 18:52	1000
3-Chloroprene	ND		3100	630	ug/m3			11/04/25 18:52	1000
4-Ethyltoluene	ND		4900	880	ug/m3			11/04/25 18:52	1000
1,4-Dioxane	ND		3600	610	ug/m3			11/04/25 18:52	1000
4-Methyl-2-pentanone	ND		4100	610	ug/m3			11/04/25 18:52	1000
Acetone	ND		12000	2400	ug/m3			11/04/25 18:52	1000
2-Chlorotoluene	ND		5200	1100	ug/m3			11/04/25 18:52	1000
Benzene	**4900**		3200	350	ug/m3			11/04/25 18:52	1000
Bromodichloromethane	ND		6700	2700	ug/m3			11/04/25 18:52	1000
Bromoform	ND		10000	4100	ug/m3			11/04/25 18:52	1000
Bromomethane	ND		3900	780	ug/m3			11/04/25 18:52	1000
Carbon disulfide	ND		3100	1200	ug/m3			11/04/25 18:52	1000
Carbon tetrachloride	ND		6300	880	ug/m3			11/04/25 18:52	1000
Chlorobenzene	ND		4600	600	ug/m3			11/04/25 18:52	1000
Chloroethane	ND		2600	790	ug/m3			11/04/25 18:52	1000
Chloroform	ND		4900	450	ug/m3			11/04/25 18:52	1000
Benzyl chloride	ND		10000	1600	ug/m3			11/04/25 18:52	1000
Chloromethane	ND		2100	830	ug/m3			11/04/25 18:52	1000
cis-1,2-Dichloroethene	ND		4000	790	ug/m3			11/04/25 18:52	1000
cis-1,3-Dichloropropene	ND		4500	450	ug/m3			11/04/25 18:52	1000
Bromoethene	ND		4400	790	ug/m3			11/04/25 18:52	1000
Dibromochloromethane	ND		8500	3400	ug/m3			11/04/25 18:52	1000
Dichlorodifluoromethane	ND		4900	640	ug/m3			11/04/25 18:52	1000
Ethylbenzene	**2900**	**J**	4300	830	ug/m3			11/04/25 18:52	1000
Freon 113	ND		7700	1500	ug/m3			11/04/25 18:52	1000
Freon-114	ND		7000	840	ug/m3			11/04/25 18:52	1000
Heptane	**59000**		4100	940	ug/m3			11/04/25 18:52	1000
Hexane	**52000**		3500	1100	ug/m3			11/04/25 18:52	1000
Isooctane	**14000**		4700	1900	ug/m3			11/04/25 18:52	1000
m&p-Xylene	**17000**		4300	1100	ug/m3			11/04/25 18:52	1000
Cyclohexane	**69000**		3400	690	ug/m3			11/04/25 18:52	1000
Methyl t-butyl ether	ND		3600	540	ug/m3			11/04/25 18:52	1000

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Client Sample ID: SVE Combined Influent
Lab Sample ID: 410-248626-2
Date Collected: 10/15/25 10:10
Matrix: Air
Date Received: 10/21/25 19:25
Sample Time: 0 Min
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		6900	870	ug/m3			11/04/25 18:52	1000
o-Xylene	**850**	**J**	4300	830	ug/m3			11/04/25 18:52	1000
Styrene	ND		4300	850	ug/m3			11/04/25 18:52	1000
Ethanol	**5400**	**J**	9400	3800	ug/m3			11/04/25 18:52	1000
Tetrachloroethene	ND		14000	1700	ug/m3			11/04/25 18:52	1000
Ethyl acetate	ND		7200	900	ug/m3			11/04/25 18:52	1000
Toluene	ND		3800	1500	ug/m3			11/04/25 18:52	1000
trans-1,2-Dichloroethene	ND		4000	790	ug/m3			11/04/25 18:52	1000
trans-1,3-Dichloropropene	ND		4500	540	ug/m3			11/04/25 18:52	1000
Trichloroethene	ND		5400	970	ug/m3			11/04/25 18:52	1000
Trichlorofluoromethane	ND		5600	840	ug/m3			11/04/25 18:52	1000
Vinyl chloride	ND		2600	310	ug/m3			11/04/25 18:52	1000
Hexachlorobutadiene	ND		21000	5000	ug/m3			11/04/25 18:52	1000
Isopropanol	**1900**	**J**	2500	1500	ug/m3			11/04/25 18:52	1000
Methyl methacrylate	ND		4100	610	ug/m3			11/04/25 18:52	1000
Propene	ND		1700	520	ug/m3			11/04/25 18:52	1000
tert-Butyl alcohol	ND		3000	640	ug/m3			11/04/25 18:52	1000
Tetrahydrofuran	ND		2900	710	ug/m3			11/04/25 18:52	1000
Vinyl acetate	ND		3500	560	ug/m3			11/04/25 18:52	1000

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1000	120	ppb v/v			11/04/25 18:52	1000
1,1,2,2-Tetrachloroethane	ND		1000	150	ppb v/v			11/04/25 18:52	1000
1,1,2-Trichloroethane	ND		1000	120	ppb v/v			11/04/25 18:52	1000
1,1-Dichloroethane	ND		1000	89	ppb v/v			11/04/25 18:52	1000
1,1-Dichloroethene	ND		1000	140	ppb v/v			11/04/25 18:52	1000
1,2,4-Trichlorobenzene	ND		2000	500	ppb v/v			11/04/25 18:52	1000
1,2,4-Trimethylbenzene	**370**	**J**	2000	280	ppb v/v			11/04/25 18:52	1000
1,2-Dibromoethane	ND		1000	130	ppb v/v			11/04/25 18:52	1000
1,2-Dichlorobenzene	ND		1000	200	ppb v/v			11/04/25 18:52	1000
1,2-Dichloroethane	ND		1000	80	ppb v/v			11/04/25 18:52	1000
1,2-Dichloropropane	ND		1000	130	ppb v/v			11/04/25 18:52	1000
1,3,5-Trimethylbenzene	ND		2000	320	ppb v/v			11/04/25 18:52	1000
1,3-Butadiene	ND		1000	170	ppb v/v			11/04/25 18:52	1000
1,3-Dichlorobenzene	ND		1000	300	ppb v/v			11/04/25 18:52	1000
1,4-Dichlorobenzene	ND		1000	300	ppb v/v			11/04/25 18:52	1000
2-Butanone	**250**	**J**	1000	210	ppb v/v			11/04/25 18:52	1000
2-Hexanone	ND		2000	500	ppb v/v			11/04/25 18:52	1000
3-Chloroprene	ND		1000	200	ppb v/v			11/04/25 18:52	1000
4-Ethyltoluene	ND		1000	180	ppb v/v			11/04/25 18:52	1000
1,4-Dioxane	ND		1000	170	ppb v/v			11/04/25 18:52	1000
4-Methyl-2-pentanone	ND		1000	150	ppb v/v			11/04/25 18:52	1000
Acetone	ND		5000	1000	ppb v/v			11/04/25 18:52	1000
2-Chlorotoluene	ND		1000	220	ppb v/v			11/04/25 18:52	1000
Benzene	**1500**		1000	110	ppb v/v			11/04/25 18:52	1000
Bromodichloromethane	ND		1000	400	ppb v/v			11/04/25 18:52	1000
Bromoform	ND		1000	400	ppb v/v			11/04/25 18:52	1000
Bromomethane	ND		1000	200	ppb v/v			11/04/25 18:52	1000
Carbon disulfide	ND		1000	400	ppb v/v			11/04/25 18:52	1000

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Client Sample ID: SVE Combined Influent
Lab Sample ID: 410-248626-2
Date Collected: 10/15/25 10:10
Matrix: Air
Date Received: 10/21/25 19:25
Sample Time: 0 Min
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1000	140	ppb v/v			11/04/25 18:52	1000
Chlorobenzene	ND		1000	130	ppb v/v			11/04/25 18:52	1000
Chloroethane	ND		1000	300	ppb v/v			11/04/25 18:52	1000
Chloroform	ND		1000	92	ppb v/v			11/04/25 18:52	1000
Benzyl chloride	ND		2000	300	ppb v/v			11/04/25 18:52	1000
Chloromethane	ND		1000	400	ppb v/v			11/04/25 18:52	1000
cis-1,2-Dichloroethene	ND		1000	200	ppb v/v			11/04/25 18:52	1000
cis-1,3-Dichloropropene	ND		1000	100	ppb v/v			11/04/25 18:52	1000
Bromoethene	ND		1000	180	ppb v/v			11/04/25 18:52	1000
Dibromochloromethane	ND		1000	400	ppb v/v			11/04/25 18:52	1000
Dichlorodifluoromethane	ND		1000	130	ppb v/v			11/04/25 18:52	1000
Ethylbenzene	**680**	**J**	1000	190	ppb v/v			11/04/25 18:52	1000
Freon 113	ND		1000	200	ppb v/v			11/04/25 18:52	1000
Freon-114	ND		1000	120	ppb v/v			11/04/25 18:52	1000
Heptane	**14000**		1000	230	ppb v/v			11/04/25 18:52	1000
Hexane	**15000**		1000	300	ppb v/v			11/04/25 18:52	1000
Isooctane	**3000**		1000	400	ppb v/v			11/04/25 18:52	1000
m&p-Xylene	**3800**		1000	260	ppb v/v			11/04/25 18:52	1000
Cyclohexane	**20000**		1000	200	ppb v/v			11/04/25 18:52	1000
Methyl t-butyl ether	ND		1000	150	ppb v/v			11/04/25 18:52	1000
Methylene Chloride	ND		2000	250	ppb v/v			11/04/25 18:52	1000
o-Xylene	**200**	**J**	1000	190	ppb v/v			11/04/25 18:52	1000
Styrene	ND		1000	200	ppb v/v			11/04/25 18:52	1000
Ethanol	**2900**	**J**	5000	2000	ppb v/v			11/04/25 18:52	1000
Tetrachloroethene	ND		2000	250	ppb v/v			11/04/25 18:52	1000
Ethyl acetate	ND		2000	250	ppb v/v			11/04/25 18:52	1000
Toluene	ND		1000	400	ppb v/v			11/04/25 18:52	1000
trans-1,2-Dichloroethene	ND		1000	200	ppb v/v			11/04/25 18:52	1000
trans-1,3-Dichloropropene	ND		1000	120	ppb v/v			11/04/25 18:52	1000
Trichloroethene	ND		1000	180	ppb v/v			11/04/25 18:52	1000
Trichlorofluoromethane	ND		1000	150	ppb v/v			11/04/25 18:52	1000
Vinyl chloride	ND		1000	120	ppb v/v			11/04/25 18:52	1000
Hexachlorobutadiene	ND		2000	470	ppb v/v			11/04/25 18:52	1000
Isopropanol	**770**	**J**	1000	600	ppb v/v			11/04/25 18:52	1000
Methyl methacrylate	ND		1000	150	ppb v/v			11/04/25 18:52	1000
Propene	ND		1000	300	ppb v/v			11/04/25 18:52	1000
tert-Butyl alcohol	ND		1000	210	ppb v/v			11/04/25 18:52	1000
Tetrahydrofuran	ND		1000	240	ppb v/v			11/04/25 18:52	1000
Vinyl acetate	ND		1000	160	ppb v/v			11/04/25 18:52	1000

Method: EPA-18 - Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**1200**		660	120	mg/m3			10/25/25 12:14	200
C1-C10 as methane	**1500**		1300	660	mg/m3			10/25/25 12:14	200

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**1800**		1000	180	ppm v/v			10/25/25 12:14	200
C1-C10 as methane	**2300**		2000	1000	ppm v/v			10/25/25 12:14	200

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Client Sample ID: LICC Air
Date Collected: 10/17/25 11:58
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248626-3
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.65	ug/m3			11/04/25 16:52	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.0	ug/m3			11/04/25 16:52	1
1,1,2-Trichloroethane	ND		5.5	0.65	ug/m3			11/04/25 16:52	1
1,1-Dichloroethane	ND		4.0	0.36	ug/m3			11/04/25 16:52	1
1,1-Dichloroethene	ND		4.0	0.56	ug/m3			11/04/25 16:52	1
1,2,4-Trichlorobenzene	ND		15	3.7	ug/m3			11/04/25 16:52	1
1,2,4-Trimethylbenzene	ND		9.8	1.4	ug/m3			11/04/25 16:52	1
1,2-Dibromoethane	ND		7.7	1.0	ug/m3			11/04/25 16:52	1
1,2-Dichlorobenzene	ND		6.0	1.2	ug/m3			11/04/25 16:52	1
1,2-Dichloroethane	ND		4.0	0.32	ug/m3			11/04/25 16:52	1
1,2-Dichloropropane	ND		4.6	0.60	ug/m3			11/04/25 16:52	1
1,3,5-Trimethylbenzene	ND		9.8	1.6	ug/m3			11/04/25 16:52	1
1,3-Butadiene	ND		2.2	0.38	ug/m3			11/04/25 16:52	1
1,3-Dichlorobenzene	ND		6.0	1.8	ug/m3			11/04/25 16:52	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/m3			11/04/25 16:52	1
2-Butanone	**6.6**		2.9	0.62	ug/m3			11/04/25 16:52	1
2-Hexanone	ND		8.2	2.0	ug/m3			11/04/25 16:52	1
3-Chloroprene	ND		3.1	0.63	ug/m3			11/04/25 16:52	1
4-Ethyltoluene	ND		4.9	0.88	ug/m3			11/04/25 16:52	1
1,4-Dioxane	ND		3.6	0.61	ug/m3			11/04/25 16:52	1
4-Methyl-2-pentanone	ND		4.1	0.61	ug/m3			11/04/25 16:52	1
Acetone	**29**		12	2.4	ug/m3			11/04/25 16:52	1
2-Chlorotoluene	ND		5.2	1.1	ug/m3			11/04/25 16:52	1
Benzene	**1.4**	**J**	3.2	0.35	ug/m3			11/04/25 16:52	1
Bromodichloromethane	ND		6.7	2.7	ug/m3			11/04/25 16:52	1
Bromoform	ND		10	4.1	ug/m3			11/04/25 16:52	1
Bromomethane	ND		3.9	0.78	ug/m3			11/04/25 16:52	1
Carbon disulfide	ND		3.1	1.2	ug/m3			11/04/25 16:52	1
Carbon tetrachloride	ND		6.3	0.88	ug/m3			11/04/25 16:52	1
Chlorobenzene	ND		4.6	0.60	ug/m3			11/04/25 16:52	1
Chloroethane	ND		2.6	0.79	ug/m3			11/04/25 16:52	1
Chloroform	ND		4.9	0.45	ug/m3			11/04/25 16:52	1
Benzyl chloride	ND		10	1.6	ug/m3			11/04/25 16:52	1
Chloromethane	ND		2.1	0.83	ug/m3			11/04/25 16:52	1
cis-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			11/04/25 16:52	1
cis-1,3-Dichloropropene	ND		4.5	0.45	ug/m3			11/04/25 16:52	1
Bromoethene	ND		4.4	0.79	ug/m3			11/04/25 16:52	1
Dibromochloromethane	ND		8.5	3.4	ug/m3			11/04/25 16:52	1
Dichlorodifluoromethane	**1.9**	**J**	4.9	0.64	ug/m3			11/04/25 16:52	1
Ethylbenzene	ND		4.3	0.83	ug/m3			11/04/25 16:52	1
Freon 113	ND		7.7	1.5	ug/m3			11/04/25 16:52	1
Freon-114	ND		7.0	0.84	ug/m3			11/04/25 16:52	1
Heptane	**2.8**	**J**	4.1	0.94	ug/m3			11/04/25 16:52	1
Hexane	**4.2**		3.5	1.1	ug/m3			11/04/25 16:52	1
Isooctane	**2.5**	**J**	4.7	1.9	ug/m3			11/04/25 16:52	1
m&p-Xylene	**2.6**	**J**	4.3	1.1	ug/m3			11/04/25 16:52	1
Cyclohexane	**2.4**	**J**	3.4	0.69	ug/m3			11/04/25 16:52	1
Methyl t-butyl ether	ND		3.6	0.54	ug/m3			11/04/25 16:52	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Client Sample ID: LICC Air
Date Collected: 10/17/25 11:58
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248626-3
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		6.9	0.87	ug/m3			11/04/25 16:52	1
o-Xylene	**0.97**	**J**	4.3	0.83	ug/m3			11/04/25 16:52	1
Styrene	ND		4.3	0.85	ug/m3			11/04/25 16:52	1
Ethanol	**14**		9.4	3.8	ug/m3			11/04/25 16:52	1
Tetrachloroethene	ND		14	1.7	ug/m3			11/04/25 16:52	1
Ethyl acetate	ND		7.2	0.90	ug/m3			11/04/25 16:52	1
Toluene	**3.2**	**J**	3.8	1.5	ug/m3			11/04/25 16:52	1
trans-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			11/04/25 16:52	1
trans-1,3-Dichloropropene	ND		4.5	0.54	ug/m3			11/04/25 16:52	1
Trichloroethene	ND		5.4	0.97	ug/m3			11/04/25 16:52	1
Trichlorofluoromethane	**1.0**	**J**	5.6	0.84	ug/m3			11/04/25 16:52	1
Vinyl chloride	ND		2.6	0.31	ug/m3			11/04/25 16:52	1
Hexachlorobutadiene	ND		21	5.0	ug/m3			11/04/25 16:52	1
Isopropanol	**2.6**		2.5	1.5	ug/m3			11/04/25 16:52	1
Methyl methacrylate	ND		4.1	0.61	ug/m3			11/04/25 16:52	1
Propene	**2.9**		1.7	0.52	ug/m3			11/04/25 16:52	1
tert-Butyl alcohol	ND		3.0	0.64	ug/m3			11/04/25 16:52	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			11/04/25 16:52	1
Vinyl acetate	ND		3.5	0.56	ug/m3			11/04/25 16:52	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.12	ppb v/v			11/04/25 16:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ppb v/v			11/04/25 16:52	1
1,1,2-Trichloroethane	ND		1.0	0.12	ppb v/v			11/04/25 16:52	1
1,1-Dichloroethane	ND		1.0	0.089	ppb v/v			11/04/25 16:52	1
1,1-Dichloroethene	ND		1.0	0.14	ppb v/v			11/04/25 16:52	1
1,2,4-Trichlorobenzene	ND		2.0	0.50	ppb v/v			11/04/25 16:52	1
1,2,4-Trimethylbenzene	ND		2.0	0.28	ppb v/v			11/04/25 16:52	1
1,2-Dibromoethane	ND		1.0	0.13	ppb v/v			11/04/25 16:52	1
1,2-Dichlorobenzene	ND		1.0	0.20	ppb v/v			11/04/25 16:52	1
1,2-Dichloroethane	ND		1.0	0.080	ppb v/v			11/04/25 16:52	1
1,2-Dichloropropane	ND		1.0	0.13	ppb v/v			11/04/25 16:52	1
1,3,5-Trimethylbenzene	ND		2.0	0.32	ppb v/v			11/04/25 16:52	1
1,3-Butadiene	ND		1.0	0.17	ppb v/v			11/04/25 16:52	1
1,3-Dichlorobenzene	ND		1.0	0.30	ppb v/v			11/04/25 16:52	1
1,4-Dichlorobenzene	ND		1.0	0.30	ppb v/v			11/04/25 16:52	1
2-Butanone	**2.2**		1.0	0.21	ppb v/v			11/04/25 16:52	1
2-Hexanone	ND		2.0	0.50	ppb v/v			11/04/25 16:52	1
3-Chloroprene	ND		1.0	0.20	ppb v/v			11/04/25 16:52	1
4-Ethyltoluene	ND		1.0	0.18	ppb v/v			11/04/25 16:52	1
1,4-Dioxane	ND		1.0	0.17	ppb v/v			11/04/25 16:52	1
4-Methyl-2-pentanone	ND		1.0	0.15	ppb v/v			11/04/25 16:52	1
Acetone	**12**		5.0	1.0	ppb v/v			11/04/25 16:52	1
2-Chlorotoluene	ND		1.0	0.22	ppb v/v			11/04/25 16:52	1
Benzene	**0.44**	**J**	1.0	0.11	ppb v/v			11/04/25 16:52	1
Bromodichloromethane	ND		1.0	0.40	ppb v/v			11/04/25 16:52	1
Bromoform	ND		1.0	0.40	ppb v/v			11/04/25 16:52	1
Bromomethane	ND		1.0	0.20	ppb v/v			11/04/25 16:52	1
Carbon disulfide	ND		1.0	0.40	ppb v/v			11/04/25 16:52	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Client Sample ID: LICC Air
Date Collected: 10/17/25 11:58
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248626-3
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.14	ppb v/v			11/04/25 16:52	1
Chlorobenzene	ND		1.0	0.13	ppb v/v			11/04/25 16:52	1
Chloroethane	ND		1.0	0.30	ppb v/v			11/04/25 16:52	1
Chloroform	ND		1.0	0.092	ppb v/v			11/04/25 16:52	1
Benzyl chloride	ND		2.0	0.30	ppb v/v			11/04/25 16:52	1
Chloromethane	ND		1.0	0.40	ppb v/v			11/04/25 16:52	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			11/04/25 16:52	1
cis-1,3-Dichloropropene	ND		1.0	0.10	ppb v/v			11/04/25 16:52	1
Bromoethene	ND		1.0	0.18	ppb v/v			11/04/25 16:52	1
Dibromochloromethane	ND		1.0	0.40	ppb v/v			11/04/25 16:52	1
Dichlorodifluoromethane	**0.38**	**J**	1.0	0.13	ppb v/v			11/04/25 16:52	1
Ethylbenzene	ND		1.0	0.19	ppb v/v			11/04/25 16:52	1
Freon 113	ND		1.0	0.20	ppb v/v			11/04/25 16:52	1
Freon-114	ND		1.0	0.12	ppb v/v			11/04/25 16:52	1
Heptane	**0.68**	**J**	1.0	0.23	ppb v/v			11/04/25 16:52	1
Hexane	**1.2**		1.0	0.30	ppb v/v			11/04/25 16:52	1
Isooctane	**0.54**	**J**	1.0	0.40	ppb v/v			11/04/25 16:52	1
m&p-Xylene	**0.60**	**J**	1.0	0.26	ppb v/v			11/04/25 16:52	1
Cyclohexane	**0.70**	**J**	1.0	0.20	ppb v/v			11/04/25 16:52	1
Methyl t-butyl ether	ND		1.0	0.15	ppb v/v			11/04/25 16:52	1
Methylene Chloride	ND		2.0	0.25	ppb v/v			11/04/25 16:52	1
o-Xylene	**0.22**	**J**	1.0	0.19	ppb v/v			11/04/25 16:52	1
Styrene	ND		1.0	0.20	ppb v/v			11/04/25 16:52	1
Ethanol	**7.4**		5.0	2.0	ppb v/v			11/04/25 16:52	1
Tetrachloroethene	ND		2.0	0.25	ppb v/v			11/04/25 16:52	1
Ethyl acetate	ND		2.0	0.25	ppb v/v			11/04/25 16:52	1
Toluene	**0.85**	**J**	1.0	0.40	ppb v/v			11/04/25 16:52	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			11/04/25 16:52	1
trans-1,3-Dichloropropene	ND		1.0	0.12	ppb v/v			11/04/25 16:52	1
Trichloroethene	ND		1.0	0.18	ppb v/v			11/04/25 16:52	1
Trichlorofluoromethane	**0.18**	**J**	1.0	0.15	ppb v/v			11/04/25 16:52	1
Vinyl chloride	ND		1.0	0.12	ppb v/v			11/04/25 16:52	1
Hexachlorobutadiene	ND		2.0	0.47	ppb v/v			11/04/25 16:52	1
Isopropanol	**1.0**		1.0	0.60	ppb v/v			11/04/25 16:52	1
Methyl methacrylate	ND		1.0	0.15	ppb v/v			11/04/25 16:52	1
Propene	**1.7**		1.0	0.30	ppb v/v			11/04/25 16:52	1
tert-Butyl alcohol	ND		1.0	0.21	ppb v/v			11/04/25 16:52	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			11/04/25 16:52	1
Vinyl acetate	ND		1.0	0.16	ppb v/v			11/04/25 16:52	1

Method: EPA-18 - Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**1.2**	**J**	6.5	1.2	mg/m3			10/25/25 12:42	1.99
C1-C10 as methane	ND		13	6.5	mg/m3			10/25/25 12:42	1.99

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**1.8**	**J**	10	1.8	ppm v/v			10/25/25 12:42	1.99
C1-C10 as methane	ND		20	10	ppm v/v			10/25/25 12:42	1.99

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Client Sample ID: ORS AS Influent
Date Collected: 10/15/25 10:12
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248626-4
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		55	6.5	ug/m3			11/04/25 17:13	10
1,1,2,2-Tetrachloroethane	ND		69	10	ug/m3			11/04/25 17:13	10
1,1,2-Trichloroethane	ND		55	6.5	ug/m3			11/04/25 17:13	10
1,1-Dichloroethane	ND		40	3.6	ug/m3			11/04/25 17:13	10
1,1-Dichloroethene	ND		40	5.6	ug/m3			11/04/25 17:13	10
1,2,4-Trichlorobenzene	ND		150	37	ug/m3			11/04/25 17:13	10
1,2,4-Trimethylbenzene	ND		98	14	ug/m3			11/04/25 17:13	10
1,2-Dibromoethane	ND		77	10	ug/m3			11/04/25 17:13	10
1,2-Dichlorobenzene	ND		60	12	ug/m3			11/04/25 17:13	10
1,2-Dichloroethane	**12**	**J**	40	3.2	ug/m3			11/04/25 17:13	10
1,2-Dichloropropane	ND		46	6.0	ug/m3			11/04/25 17:13	10
1,3,5-Trimethylbenzene	ND		98	16	ug/m3			11/04/25 17:13	10
1,3-Butadiene	ND		22	3.8	ug/m3			11/04/25 17:13	10
1,3-Dichlorobenzene	ND		60	18	ug/m3			11/04/25 17:13	10
1,4-Dichlorobenzene	ND		60	18	ug/m3			11/04/25 17:13	10
2-Butanone	**13**	**J**	29	6.2	ug/m3			11/04/25 17:13	10
2-Hexanone	ND		82	20	ug/m3			11/04/25 17:13	10
3-Chloroprene	ND		31	6.3	ug/m3			11/04/25 17:13	10
4-Ethyltoluene	ND		49	8.8	ug/m3			11/04/25 17:13	10
1,4-Dioxane	ND		36	6.1	ug/m3			11/04/25 17:13	10
4-Methyl-2-pentanone	ND		41	6.1	ug/m3			11/04/25 17:13	10
Acetone	**51**	**J**	120	24	ug/m3			11/04/25 17:13	10
2-Chlorotoluene	ND		52	11	ug/m3			11/04/25 17:13	10
Benzene	**230**		32	3.5	ug/m3			11/04/25 17:13	10
Bromodichloromethane	ND		67	27	ug/m3			11/04/25 17:13	10
Bromoform	ND		100	41	ug/m3			11/04/25 17:13	10
Bromomethane	ND		39	7.8	ug/m3			11/04/25 17:13	10
Carbon disulfide	ND		31	12	ug/m3			11/04/25 17:13	10
Carbon tetrachloride	ND		63	8.8	ug/m3			11/04/25 17:13	10
Chlorobenzene	ND		46	6.0	ug/m3			11/04/25 17:13	10
Chloroethane	ND		26	7.9	ug/m3			11/04/25 17:13	10
Chloroform	ND		49	4.5	ug/m3			11/04/25 17:13	10
Benzyl chloride	ND		100	16	ug/m3			11/04/25 17:13	10
Chloromethane	ND		21	8.3	ug/m3			11/04/25 17:13	10
cis-1,2-Dichloroethene	**70**		40	7.9	ug/m3			11/04/25 17:13	10
cis-1,3-Dichloropropene	ND		45	4.5	ug/m3			11/04/25 17:13	10
Bromoethene	ND		44	7.9	ug/m3			11/04/25 17:13	10
Dibromochloromethane	ND		85	34	ug/m3			11/04/25 17:13	10
Dichlorodifluoromethane	ND		49	6.4	ug/m3			11/04/25 17:13	10
Ethylbenzene	**12**	**J**	43	8.3	ug/m3			11/04/25 17:13	10
Freon 113	ND		77	15	ug/m3			11/04/25 17:13	10
Freon-114	ND		70	8.4	ug/m3			11/04/25 17:13	10
Heptane	**54**		41	9.4	ug/m3			11/04/25 17:13	10
Hexane	**120**		35	11	ug/m3			11/04/25 17:13	10
Isooctane	ND		47	19	ug/m3			11/04/25 17:13	10
m&p-Xylene	**31**	**J**	43	11	ug/m3			11/04/25 17:13	10
Cyclohexane	**370**		34	6.9	ug/m3			11/04/25 17:13	10
Methyl t-butyl ether	ND		36	5.4	ug/m3			11/04/25 17:13	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Client Sample ID: ORS AS Influent
Date Collected: 10/15/25 10:12
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248626-4
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		69	8.7	ug/m3			11/04/25 17:13	10
o-Xylene	ND		43	8.3	ug/m3			11/04/25 17:13	10
Styrene	ND		43	8.5	ug/m3			11/04/25 17:13	10
Ethanol	ND		94	38	ug/m3			11/04/25 17:13	10
Tetrachloroethene	**130**	**J**	140	17	ug/m3			11/04/25 17:13	10
Ethyl acetate	ND		72	9.0	ug/m3			11/04/25 17:13	10
Toluene	ND		38	15	ug/m3			11/04/25 17:13	10
trans-1,2-Dichloroethene	ND		40	7.9	ug/m3			11/04/25 17:13	10
trans-1,3-Dichloropropene	ND		45	5.4	ug/m3			11/04/25 17:13	10
Trichloroethene	**97**		54	9.7	ug/m3			11/04/25 17:13	10
Trichlorofluoromethane	ND		56	8.4	ug/m3			11/04/25 17:13	10
Vinyl chloride	**4.8**	**J**	26	3.1	ug/m3			11/04/25 17:13	10
Hexachlorobutadiene	ND		210	50	ug/m3			11/04/25 17:13	10
Isopropanol	ND		25	15	ug/m3			11/04/25 17:13	10
Methyl methacrylate	ND		41	6.1	ug/m3			11/04/25 17:13	10
Propene	ND		17	5.2	ug/m3			11/04/25 17:13	10
tert-Butyl alcohol	ND		30	6.4	ug/m3			11/04/25 17:13	10
Tetrahydrofuran	ND		29	7.1	ug/m3			11/04/25 17:13	10
Vinyl acetate	ND		35	5.6	ug/m3			11/04/25 17:13	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	1.2	ppb v/v			11/04/25 17:13	10
1,1,2,2-Tetrachloroethane	ND		10	1.5	ppb v/v			11/04/25 17:13	10
1,1,2-Trichloroethane	ND		10	1.2	ppb v/v			11/04/25 17:13	10
1,1-Dichloroethane	ND		10	0.89	ppb v/v			11/04/25 17:13	10
1,1-Dichloroethene	ND		10	1.4	ppb v/v			11/04/25 17:13	10
1,2,4-Trichlorobenzene	ND		20	5.0	ppb v/v			11/04/25 17:13	10
1,2,4-Trimethylbenzene	ND		20	2.8	ppb v/v			11/04/25 17:13	10
1,2-Dibromoethane	ND		10	1.3	ppb v/v			11/04/25 17:13	10
1,2-Dichlorobenzene	ND		10	2.0	ppb v/v			11/04/25 17:13	10
1,2-Dichloroethane	**3.0**	**J**	10	0.80	ppb v/v			11/04/25 17:13	10
1,2-Dichloropropane	ND		10	1.3	ppb v/v			11/04/25 17:13	10
1,3,5-Trimethylbenzene	ND		20	3.2	ppb v/v			11/04/25 17:13	10
1,3-Butadiene	ND		10	1.7	ppb v/v			11/04/25 17:13	10
1,3-Dichlorobenzene	ND		10	3.0	ppb v/v			11/04/25 17:13	10
1,4-Dichlorobenzene	ND		10	3.0	ppb v/v			11/04/25 17:13	10
2-Butanone	**4.2**	**J**	10	2.1	ppb v/v			11/04/25 17:13	10
2-Hexanone	ND		20	5.0	ppb v/v			11/04/25 17:13	10
3-Chloroprene	ND		10	2.0	ppb v/v			11/04/25 17:13	10
4-Ethyltoluene	ND		10	1.8	ppb v/v			11/04/25 17:13	10
1,4-Dioxane	ND		10	1.7	ppb v/v			11/04/25 17:13	10
4-Methyl-2-pentanone	ND		10	1.5	ppb v/v			11/04/25 17:13	10
Acetone	**22**	**J**	50	10	ppb v/v			11/04/25 17:13	10
2-Chlorotoluene	ND		10	2.2	ppb v/v			11/04/25 17:13	10
Benzene	**73**		10	1.1	ppb v/v			11/04/25 17:13	10
Bromodichloromethane	ND		10	4.0	ppb v/v			11/04/25 17:13	10
Bromoform	ND		10	4.0	ppb v/v			11/04/25 17:13	10
Bromomethane	ND		10	2.0	ppb v/v			11/04/25 17:13	10
Carbon disulfide	ND		10	4.0	ppb v/v			11/04/25 17:13	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Client Sample ID: ORS AS Influent
Date Collected: 10/15/25 10:12
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248626-4
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		10	1.4	ppb v/v			11/04/25 17:13	10
Chlorobenzene	ND		10	1.3	ppb v/v			11/04/25 17:13	10
Chloroethane	ND		10	3.0	ppb v/v			11/04/25 17:13	10
Chloroform	ND		10	0.92	ppb v/v			11/04/25 17:13	10
Benzyl chloride	ND		20	3.0	ppb v/v			11/04/25 17:13	10
Chloromethane	ND		10	4.0	ppb v/v			11/04/25 17:13	10
cis-1,2-Dichloroethene	**18**		10	2.0	ppb v/v			11/04/25 17:13	10
cis-1,3-Dichloropropene	ND		10	1.0	ppb v/v			11/04/25 17:13	10
Bromoethene	ND		10	1.8	ppb v/v			11/04/25 17:13	10
Dibromochloromethane	ND		10	4.0	ppb v/v			11/04/25 17:13	10
Dichlorodifluoromethane	ND		10	1.3	ppb v/v			11/04/25 17:13	10
Ethylbenzene	**2.7**	**J**	10	1.9	ppb v/v			11/04/25 17:13	10
Freon 113	ND		10	2.0	ppb v/v			11/04/25 17:13	10
Freon-114	ND		10	1.2	ppb v/v			11/04/25 17:13	10
Heptane	**13**		10	2.3	ppb v/v			11/04/25 17:13	10
Hexane	**34**		10	3.0	ppb v/v			11/04/25 17:13	10
Isooctane	ND		10	4.0	ppb v/v			11/04/25 17:13	10
m&p-Xylene	**7.1**	**J**	10	2.6	ppb v/v			11/04/25 17:13	10
Cyclohexane	**110**		10	2.0	ppb v/v			11/04/25 17:13	10
Methyl t-butyl ether	ND		10	1.5	ppb v/v			11/04/25 17:13	10
Methylene Chloride	ND		20	2.5	ppb v/v			11/04/25 17:13	10
o-Xylene	ND		10	1.9	ppb v/v			11/04/25 17:13	10
Styrene	ND		10	2.0	ppb v/v			11/04/25 17:13	10
Ethanol	ND		50	20	ppb v/v			11/04/25 17:13	10
Tetrachloroethene	**20**	**J**	20	2.5	ppb v/v			11/04/25 17:13	10
Ethyl acetate	ND		20	2.5	ppb v/v			11/04/25 17:13	10
Toluene	ND		10	4.0	ppb v/v			11/04/25 17:13	10
trans-1,2-Dichloroethene	ND		10	2.0	ppb v/v			11/04/25 17:13	10
trans-1,3-Dichloropropene	ND		10	1.2	ppb v/v			11/04/25 17:13	10
Trichloroethene	**18**		10	1.8	ppb v/v			11/04/25 17:13	10
Trichlorofluoromethane	ND		10	1.5	ppb v/v			11/04/25 17:13	10
Vinyl chloride	**1.9**	**J**	10	1.2	ppb v/v			11/04/25 17:13	10
Hexachlorobutadiene	ND		20	4.7	ppb v/v			11/04/25 17:13	10
Isopropanol	ND		10	6.0	ppb v/v			11/04/25 17:13	10
Methyl methacrylate	ND		10	1.5	ppb v/v			11/04/25 17:13	10
Propene	ND		10	3.0	ppb v/v			11/04/25 17:13	10
tert-Butyl alcohol	ND		10	2.1	ppb v/v			11/04/25 17:13	10
Tetrahydrofuran	ND		10	2.4	ppb v/v			11/04/25 17:13	10
Vinyl acetate	ND		10	1.6	ppb v/v			11/04/25 17:13	10

Method: EPA-18 - Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**7.6**		6.6	1.2	mg/m3			10/25/25 13:11	2
C1-C10 as methane	**7.7**	**J**	13	6.6	mg/m3			10/25/25 13:11	2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**12**		10	1.8	ppm v/v			10/25/25 13:11	2
C1-C10 as methane	**12**	**J**	20	10	ppm v/v			10/25/25 13:11	2

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Client Sample ID: SVE Influent
Date Collected: 10/15/25 10:08
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248626-5
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5500	650	ug/m3			11/04/25 19:13	1000
1,1,2,2-Tetrachloroethane	ND		6900	1000	ug/m3			11/04/25 19:13	1000
1,1,2-Trichloroethane	ND		5500	650	ug/m3			11/04/25 19:13	1000
1,1-Dichloroethane	ND		4000	360	ug/m3			11/04/25 19:13	1000
1,1-Dichloroethene	ND		4000	560	ug/m3			11/04/25 19:13	1000
1,2,4-Trichlorobenzene	ND		15000	3700	ug/m3			11/04/25 19:13	1000
1,2,4-Trimethylbenzene	ND		9800	1400	ug/m3			11/04/25 19:13	1000
1,2-Dibromoethane	ND		7700	1000	ug/m3			11/04/25 19:13	1000
1,2-Dichlorobenzene	ND		6000	1200	ug/m3			11/04/25 19:13	1000
1,2-Dichloroethane	ND		4000	320	ug/m3			11/04/25 19:13	1000
1,2-Dichloropropane	ND		4600	600	ug/m3			11/04/25 19:13	1000
1,3,5-Trimethylbenzene	ND		9800	1600	ug/m3			11/04/25 19:13	1000
1,3-Butadiene	ND		2200	380	ug/m3			11/04/25 19:13	1000
1,3-Dichlorobenzene	ND		6000	1800	ug/m3			11/04/25 19:13	1000
1,4-Dichlorobenzene	ND		6000	1800	ug/m3			11/04/25 19:13	1000
2-Butanone	**810**	**J**	2900	620	ug/m3			11/04/25 19:13	1000
2-Hexanone	ND		8200	2000	ug/m3			11/04/25 19:13	1000
3-Chloroprene	ND		3100	630	ug/m3			11/04/25 19:13	1000
4-Ethyltoluene	ND		4900	880	ug/m3			11/04/25 19:13	1000
1,4-Dioxane	ND		3600	610	ug/m3			11/04/25 19:13	1000
4-Methyl-2-pentanone	ND		4100	610	ug/m3			11/04/25 19:13	1000
Acetone	ND		12000	2400	ug/m3			11/04/25 19:13	1000
2-Chlorotoluene	ND		5200	1100	ug/m3			11/04/25 19:13	1000
Benzene	**4600**		3200	350	ug/m3			11/04/25 19:13	1000
Bromodichloromethane	ND		6700	2700	ug/m3			11/04/25 19:13	1000
Bromoform	ND		10000	4100	ug/m3			11/04/25 19:13	1000
Bromomethane	ND		3900	780	ug/m3			11/04/25 19:13	1000
Carbon disulfide	ND		3100	1200	ug/m3			11/04/25 19:13	1000
Carbon tetrachloride	ND		6300	880	ug/m3			11/04/25 19:13	1000
Chlorobenzene	ND		4600	600	ug/m3			11/04/25 19:13	1000
Chloroethane	ND		2600	790	ug/m3			11/04/25 19:13	1000
Chloroform	ND		4900	450	ug/m3			11/04/25 19:13	1000
Benzyl chloride	ND		10000	1600	ug/m3			11/04/25 19:13	1000
Chloromethane	ND		2100	830	ug/m3			11/04/25 19:13	1000
cis-1,2-Dichloroethene	ND		4000	790	ug/m3			11/04/25 19:13	1000
cis-1,3-Dichloropropene	ND		4500	450	ug/m3			11/04/25 19:13	1000
Bromoethene	ND		4400	790	ug/m3			11/04/25 19:13	1000
Dibromochloromethane	ND		8500	3400	ug/m3			11/04/25 19:13	1000
Dichlorodifluoromethane	ND		4900	640	ug/m3			11/04/25 19:13	1000
Ethylbenzene	**1800**	**J**	4300	830	ug/m3			11/04/25 19:13	1000
Freon 113	ND		7700	1500	ug/m3			11/04/25 19:13	1000
Freon-114	ND		7000	840	ug/m3			11/04/25 19:13	1000
Heptane	**53000**		4100	940	ug/m3			11/04/25 19:13	1000
Hexane	**51000**		3500	1100	ug/m3			11/04/25 19:13	1000
Isooctane	**14000**		4700	1900	ug/m3			11/04/25 19:13	1000
m&p-Xylene	**9700**		4300	1100	ug/m3			11/04/25 19:13	1000
Cyclohexane	**66000**		3400	690	ug/m3			11/04/25 19:13	1000
Methyl t-butyl ether	ND		3600	540	ug/m3			11/04/25 19:13	1000

Client Sample ID: SVE Influent
Date Collected: 10/15/25 10:08
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248626-5
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		6900	870	ug/m3			11/04/25 19:13	1000
o-Xylene	ND		4300	830	ug/m3			11/04/25 19:13	1000
Styrene	ND		4300	850	ug/m3			11/04/25 19:13	1000
Ethanol	ND		9400	3800	ug/m3			11/04/25 19:13	1000
Tetrachloroethene	ND		14000	1700	ug/m3			11/04/25 19:13	1000
Ethyl acetate	ND		7200	900	ug/m3			11/04/25 19:13	1000
Toluene	ND		3800	1500	ug/m3			11/04/25 19:13	1000
trans-1,2-Dichloroethene	ND		4000	790	ug/m3			11/04/25 19:13	1000
trans-1,3-Dichloropropene	ND		4500	540	ug/m3			11/04/25 19:13	1000
Trichloroethene	ND		5400	970	ug/m3			11/04/25 19:13	1000
Trichlorofluoromethane	ND		5600	840	ug/m3			11/04/25 19:13	1000
Vinyl chloride	ND		2600	310	ug/m3			11/04/25 19:13	1000
Hexachlorobutadiene	ND		21000	5000	ug/m3			11/04/25 19:13	1000
Isopropanol	**1900**	**J**	2500	1500	ug/m3			11/04/25 19:13	1000
Methyl methacrylate	ND		4100	610	ug/m3			11/04/25 19:13	1000
Propene	ND		1700	520	ug/m3			11/04/25 19:13	1000
tert-Butyl alcohol	ND		3000	640	ug/m3			11/04/25 19:13	1000
Tetrahydrofuran	ND		2900	710	ug/m3			11/04/25 19:13	1000
Vinyl acetate	ND		3500	560	ug/m3			11/04/25 19:13	1000

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1000	120	ppb v/v			11/04/25 19:13	1000
1,1,2,2-Tetrachloroethane	ND		1000	150	ppb v/v			11/04/25 19:13	1000
1,1,2-Trichloroethane	ND		1000	120	ppb v/v			11/04/25 19:13	1000
1,1-Dichloroethane	ND		1000	89	ppb v/v			11/04/25 19:13	1000
1,1-Dichloroethene	ND		1000	140	ppb v/v			11/04/25 19:13	1000
1,2,4-Trichlorobenzene	ND		2000	500	ppb v/v			11/04/25 19:13	1000
1,2,4-Trimethylbenzene	ND		2000	280	ppb v/v			11/04/25 19:13	1000
1,2-Dibromoethane	ND		1000	130	ppb v/v			11/04/25 19:13	1000
1,2-Dichlorobenzene	ND		1000	200	ppb v/v			11/04/25 19:13	1000
1,2-Dichloroethane	ND		1000	80	ppb v/v			11/04/25 19:13	1000
1,2-Dichloropropane	ND		1000	130	ppb v/v			11/04/25 19:13	1000
1,3,5-Trimethylbenzene	ND		2000	320	ppb v/v			11/04/25 19:13	1000
1,3-Butadiene	ND		1000	170	ppb v/v			11/04/25 19:13	1000
1,3-Dichlorobenzene	ND		1000	300	ppb v/v			11/04/25 19:13	1000
1,4-Dichlorobenzene	ND		1000	300	ppb v/v			11/04/25 19:13	1000
2-Butanone	**270**	**J**	1000	210	ppb v/v			11/04/25 19:13	1000
2-Hexanone	ND		2000	500	ppb v/v			11/04/25 19:13	1000
3-Chloroprene	ND		1000	200	ppb v/v			11/04/25 19:13	1000
4-Ethyltoluene	ND		1000	180	ppb v/v			11/04/25 19:13	1000
1,4-Dioxane	ND		1000	170	ppb v/v			11/04/25 19:13	1000
4-Methyl-2-pentanone	ND		1000	150	ppb v/v			11/04/25 19:13	1000
Acetone	ND		5000	1000	ppb v/v			11/04/25 19:13	1000
2-Chlorotoluene	ND		1000	220	ppb v/v			11/04/25 19:13	1000
Benzene	**1400**		1000	110	ppb v/v			11/04/25 19:13	1000
Bromodichloromethane	ND		1000	400	ppb v/v			11/04/25 19:13	1000
Bromoform	ND		1000	400	ppb v/v			11/04/25 19:13	1000
Bromomethane	ND		1000	200	ppb v/v			11/04/25 19:13	1000
Carbon disulfide	ND		1000	400	ppb v/v			11/04/25 19:13	1000

Client Sample ID: SVE Influent
Date Collected: 10/15/25 10:08
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248626-5
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1000	140	ppb v/v			11/04/25 19:13	1000
Chlorobenzene	ND		1000	130	ppb v/v			11/04/25 19:13	1000
Chloroethane	ND		1000	300	ppb v/v			11/04/25 19:13	1000
Chloroform	ND		1000	92	ppb v/v			11/04/25 19:13	1000
Benzyl chloride	ND		2000	300	ppb v/v			11/04/25 19:13	1000
Chloromethane	ND		1000	400	ppb v/v			11/04/25 19:13	1000
cis-1,2-Dichloroethene	ND		1000	200	ppb v/v			11/04/25 19:13	1000
cis-1,3-Dichloropropene	ND		1000	100	ppb v/v			11/04/25 19:13	1000
Bromoethene	ND		1000	180	ppb v/v			11/04/25 19:13	1000
Dibromochloromethane	ND		1000	400	ppb v/v			11/04/25 19:13	1000
Dichlorodifluoromethane	ND		1000	130	ppb v/v			11/04/25 19:13	1000
Ethylbenzene	**420**	**J**	1000	190	ppb v/v			11/04/25 19:13	1000
Freon 113	ND		1000	200	ppb v/v			11/04/25 19:13	1000
Freon-114	ND		1000	120	ppb v/v			11/04/25 19:13	1000
Heptane	**13000**		1000	230	ppb v/v			11/04/25 19:13	1000
Hexane	**14000**		1000	300	ppb v/v			11/04/25 19:13	1000
Isooctane	**3000**		1000	400	ppb v/v			11/04/25 19:13	1000
m&p-Xylene	**2200**		1000	260	ppb v/v			11/04/25 19:13	1000
Cyclohexane	**19000**		1000	200	ppb v/v			11/04/25 19:13	1000
Methyl t-butyl ether	ND		1000	150	ppb v/v			11/04/25 19:13	1000
Methylene Chloride	ND		2000	250	ppb v/v			11/04/25 19:13	1000
o-Xylene	ND		1000	190	ppb v/v			11/04/25 19:13	1000
Styrene	ND		1000	200	ppb v/v			11/04/25 19:13	1000
Ethanol	ND		5000	2000	ppb v/v			11/04/25 19:13	1000
Tetrachloroethene	ND		2000	250	ppb v/v			11/04/25 19:13	1000
Ethyl acetate	ND		2000	250	ppb v/v			11/04/25 19:13	1000
Toluene	ND		1000	400	ppb v/v			11/04/25 19:13	1000
trans-1,2-Dichloroethene	ND		1000	200	ppb v/v			11/04/25 19:13	1000
trans-1,3-Dichloropropene	ND		1000	120	ppb v/v			11/04/25 19:13	1000
Trichloroethene	ND		1000	180	ppb v/v			11/04/25 19:13	1000
Trichlorofluoromethane	ND		1000	150	ppb v/v			11/04/25 19:13	1000
Vinyl chloride	ND		1000	120	ppb v/v			11/04/25 19:13	1000
Hexachlorobutadiene	ND		2000	470	ppb v/v			11/04/25 19:13	1000
Isopropanol	**780**	**J**	1000	600	ppb v/v			11/04/25 19:13	1000
Methyl methacrylate	ND		1000	150	ppb v/v			11/04/25 19:13	1000
Propene	ND		1000	300	ppb v/v			11/04/25 19:13	1000
tert-Butyl alcohol	ND		1000	210	ppb v/v			11/04/25 19:13	1000
Tetrahydrofuran	ND		1000	240	ppb v/v			11/04/25 19:13	1000
Vinyl acetate	ND		1000	160	ppb v/v			11/04/25 19:13	1000

Method: EPA-18 - Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**1000**		130	24	mg/m3			10/25/25 13:39	40
C1-C10 as methane	**1700**		260	130	mg/m3			10/25/25 13:39	40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**1500**		200	36	ppm v/v			10/25/25 13:39	40
C1-C10 as methane	**2600**		400	200	ppm v/v			10/25/25 13:39	40

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 410-724105/7
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.65	ug/m3			11/04/25 11:15	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.0	ug/m3			11/04/25 11:15	1
1,1,2-Trichloroethane	ND		5.5	0.65	ug/m3			11/04/25 11:15	1
1,1-Dichloroethane	ND		4.0	0.36	ug/m3			11/04/25 11:15	1
1,1-Dichloroethene	ND		4.0	0.56	ug/m3			11/04/25 11:15	1
1,2,4-Trichlorobenzene	ND		15	3.7	ug/m3			11/04/25 11:15	1
1,2,4-Trimethylbenzene	ND		9.8	1.4	ug/m3			11/04/25 11:15	1
1,2-Dibromoethane	ND		7.7	1.0	ug/m3			11/04/25 11:15	1
1,2-Dichlorobenzene	ND		6.0	1.2	ug/m3			11/04/25 11:15	1
1,2-Dichloroethane	ND		4.0	0.32	ug/m3			11/04/25 11:15	1
1,2-Dichloropropane	ND		4.6	0.60	ug/m3			11/04/25 11:15	1
1,3,5-Trimethylbenzene	ND		9.8	1.6	ug/m3			11/04/25 11:15	1
1,3-Butadiene	ND		2.2	0.38	ug/m3			11/04/25 11:15	1
1,3-Dichlorobenzene	ND		6.0	1.8	ug/m3			11/04/25 11:15	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/m3			11/04/25 11:15	1
2-Butanone	ND		2.9	0.62	ug/m3			11/04/25 11:15	1
2-Hexanone	ND		8.2	2.0	ug/m3			11/04/25 11:15	1
3-Chloroprene	ND		3.1	0.63	ug/m3			11/04/25 11:15	1
4-Ethyltoluene	ND		4.9	0.88	ug/m3			11/04/25 11:15	1
1,4-Dioxane	ND		3.6	0.61	ug/m3			11/04/25 11:15	1
4-Methyl-2-pentanone	ND		4.1	0.61	ug/m3			11/04/25 11:15	1
Acetone	ND		12	2.4	ug/m3			11/04/25 11:15	1
2-Chlorotoluene	ND		5.2	1.1	ug/m3			11/04/25 11:15	1
Benzene	ND		3.2	0.35	ug/m3			11/04/25 11:15	1
Bromodichloromethane	ND		6.7	2.7	ug/m3			11/04/25 11:15	1
Bromoform	ND		10	4.1	ug/m3			11/04/25 11:15	1
Bromomethane	ND		3.9	0.78	ug/m3			11/04/25 11:15	1
Carbon disulfide	ND		3.1	1.2	ug/m3			11/04/25 11:15	1
Carbon tetrachloride	ND		6.3	0.88	ug/m3			11/04/25 11:15	1
Chlorobenzene	ND		4.6	0.60	ug/m3			11/04/25 11:15	1
Chloroethane	ND		2.6	0.79	ug/m3			11/04/25 11:15	1
Chloroform	ND		4.9	0.45	ug/m3			11/04/25 11:15	1
Benzyl chloride	ND		10	1.6	ug/m3			11/04/25 11:15	1
Chloromethane	ND		2.1	0.83	ug/m3			11/04/25 11:15	1
cis-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			11/04/25 11:15	1
cis-1,3-Dichloropropene	ND		4.5	0.45	ug/m3			11/04/25 11:15	1
Bromoethene	ND		4.4	0.79	ug/m3			11/04/25 11:15	1
Dibromochloromethane	ND		8.5	3.4	ug/m3			11/04/25 11:15	1
Dichlorodifluoromethane	ND		4.9	0.64	ug/m3			11/04/25 11:15	1
Ethylbenzene	ND		4.3	0.83	ug/m3			11/04/25 11:15	1
Freon 113	ND		7.7	1.5	ug/m3			11/04/25 11:15	1
Freon-114	ND		7.0	0.84	ug/m3			11/04/25 11:15	1
Heptane	ND		4.1	0.94	ug/m3			11/04/25 11:15	1
Hexane	ND		3.5	1.1	ug/m3			11/04/25 11:15	1
Isooctane	ND		4.7	1.9	ug/m3			11/04/25 11:15	1
m&p-Xylene	ND		4.3	1.1	ug/m3			11/04/25 11:15	1
Cyclohexane	ND		3.4	0.69	ug/m3			11/04/25 11:15	1
Methyl t-butyl ether	ND		3.6	0.54	ug/m3			11/04/25 11:15	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-724105/7
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		6.9	0.87	ug/m3			11/04/25 11:15	1
o-Xylene	ND		4.3	0.83	ug/m3			11/04/25 11:15	1
Styrene	ND		4.3	0.85	ug/m3			11/04/25 11:15	1
Ethanol	ND		9.4	3.8	ug/m3			11/04/25 11:15	1
Tetrachloroethene	ND		14	1.7	ug/m3			11/04/25 11:15	1
Ethyl acetate	ND		7.2	0.90	ug/m3			11/04/25 11:15	1
Toluene	ND		3.8	1.5	ug/m3			11/04/25 11:15	1
trans-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			11/04/25 11:15	1
trans-1,3-Dichloropropene	ND		4.5	0.54	ug/m3			11/04/25 11:15	1
Trichloroethene	ND		5.4	0.97	ug/m3			11/04/25 11:15	1
Trichlorofluoromethane	ND		5.6	0.84	ug/m3			11/04/25 11:15	1
Vinyl chloride	ND		2.6	0.31	ug/m3			11/04/25 11:15	1
Hexachlorobutadiene	ND		21	5.0	ug/m3			11/04/25 11:15	1
Isopropanol	ND		2.5	1.5	ug/m3			11/04/25 11:15	1
Methyl methacrylate	ND		4.1	0.61	ug/m3			11/04/25 11:15	1
Propene	ND		1.7	0.52	ug/m3			11/04/25 11:15	1
tert-Butyl alcohol	ND		3.0	0.64	ug/m3			11/04/25 11:15	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			11/04/25 11:15	1
Vinyl acetate	ND		3.5	0.56	ug/m3			11/04/25 11:15	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.12	ppb v/v			11/04/25 11:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ppb v/v			11/04/25 11:15	1
1,1,2-Trichloroethane	ND		1.0	0.12	ppb v/v			11/04/25 11:15	1
1,1-Dichloroethane	ND		1.0	0.089	ppb v/v			11/04/25 11:15	1
1,1-Dichloroethene	ND		1.0	0.14	ppb v/v			11/04/25 11:15	1
1,2,4-Trichlorobenzene	ND		2.0	0.50	ppb v/v			11/04/25 11:15	1
1,2,4-Trimethylbenzene	ND		2.0	0.28	ppb v/v			11/04/25 11:15	1
1,2-Dibromoethane	ND		1.0	0.13	ppb v/v			11/04/25 11:15	1
1,2-Dichlorobenzene	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
1,2-Dichloroethane	ND		1.0	0.080	ppb v/v			11/04/25 11:15	1
1,2-Dichloropropane	ND		1.0	0.13	ppb v/v			11/04/25 11:15	1
1,3,5-Trimethylbenzene	ND		2.0	0.32	ppb v/v			11/04/25 11:15	1
1,3-Butadiene	ND		1.0	0.17	ppb v/v			11/04/25 11:15	1
1,3-Dichlorobenzene	ND		1.0	0.30	ppb v/v			11/04/25 11:15	1
1,4-Dichlorobenzene	ND		1.0	0.30	ppb v/v			11/04/25 11:15	1
2-Butanone	ND		1.0	0.21	ppb v/v			11/04/25 11:15	1
2-Hexanone	ND		2.0	0.50	ppb v/v			11/04/25 11:15	1
3-Chloroprene	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
4-Ethyltoluene	ND		1.0	0.18	ppb v/v			11/04/25 11:15	1
1,4-Dioxane	ND		1.0	0.17	ppb v/v			11/04/25 11:15	1
4-Methyl-2-pentanone	ND		1.0	0.15	ppb v/v			11/04/25 11:15	1
Acetone	ND		5.0	1.0	ppb v/v			11/04/25 11:15	1
2-Chlorotoluene	ND		1.0	0.22	ppb v/v			11/04/25 11:15	1
Benzene	ND		1.0	0.11	ppb v/v			11/04/25 11:15	1
Bromodichloromethane	ND		1.0	0.40	ppb v/v			11/04/25 11:15	1
Bromoform	ND		1.0	0.40	ppb v/v			11/04/25 11:15	1
Bromomethane	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
Carbon disulfide	ND		1.0	0.40	ppb v/v			11/04/25 11:15	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-724105/7
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.14	ppb v/v			11/04/25 11:15	1
Chlorobenzene	ND		1.0	0.13	ppb v/v			11/04/25 11:15	1
Chloroethane	ND		1.0	0.30	ppb v/v			11/04/25 11:15	1
Chloroform	ND		1.0	0.092	ppb v/v			11/04/25 11:15	1
Benzyl chloride	ND		2.0	0.30	ppb v/v			11/04/25 11:15	1
Chloromethane	ND		1.0	0.40	ppb v/v			11/04/25 11:15	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
cis-1,3-Dichloropropene	ND		1.0	0.10	ppb v/v			11/04/25 11:15	1
Bromoethene	ND		1.0	0.18	ppb v/v			11/04/25 11:15	1
Dibromochloromethane	ND		1.0	0.40	ppb v/v			11/04/25 11:15	1
Dichlorodifluoromethane	ND		1.0	0.13	ppb v/v			11/04/25 11:15	1
Ethylbenzene	ND		1.0	0.19	ppb v/v			11/04/25 11:15	1
Freon 113	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
Freon-114	ND		1.0	0.12	ppb v/v			11/04/25 11:15	1
Heptane	ND		1.0	0.23	ppb v/v			11/04/25 11:15	1
Hexane	ND		1.0	0.30	ppb v/v			11/04/25 11:15	1
Isooctane	ND		1.0	0.40	ppb v/v			11/04/25 11:15	1
m&p-Xylene	ND		1.0	0.26	ppb v/v			11/04/25 11:15	1
Cyclohexane	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
Methyl t-butyl ether	ND		1.0	0.15	ppb v/v			11/04/25 11:15	1
Methylene Chloride	ND		2.0	0.25	ppb v/v			11/04/25 11:15	1
o-Xylene	ND		1.0	0.19	ppb v/v			11/04/25 11:15	1
Styrene	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
Ethanol	ND		5.0	2.0	ppb v/v			11/04/25 11:15	1
Tetrachloroethene	ND		2.0	0.25	ppb v/v			11/04/25 11:15	1
Ethyl acetate	ND		2.0	0.25	ppb v/v			11/04/25 11:15	1
Toluene	ND		1.0	0.40	ppb v/v			11/04/25 11:15	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
trans-1,3-Dichloropropene	ND		1.0	0.12	ppb v/v			11/04/25 11:15	1
Trichloroethene	ND		1.0	0.18	ppb v/v			11/04/25 11:15	1
Trichlorofluoromethane	ND		1.0	0.15	ppb v/v			11/04/25 11:15	1
Vinyl chloride	ND		1.0	0.12	ppb v/v			11/04/25 11:15	1
Hexachlorobutadiene	ND		2.0	0.47	ppb v/v			11/04/25 11:15	1
Isopropanol	ND		1.0	0.60	ppb v/v			11/04/25 11:15	1
Methyl methacrylate	ND		1.0	0.15	ppb v/v			11/04/25 11:15	1
Propene	ND		1.0	0.30	ppb v/v			11/04/25 11:15	1
tert-Butyl alcohol	ND		1.0	0.21	ppb v/v			11/04/25 11:15	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			11/04/25 11:15	1
Vinyl acetate	ND		1.0	0.16	ppb v/v			11/04/25 11:15	1

Lab Sample ID: LCS 410-724105/4
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	55.7		ug/m3		102	70 - 130
1,1,2,2-Tetrachloroethane	68.7	69.0		ug/m3		100	61 - 130
1,1,2-Trichloroethane	54.6	55.4		ug/m3		102	70 - 130
1,1-Dichloroethane	40.5	41.1		ug/m3		102	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-724105/4
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	39.6	47.8		ug/m3		121	70 - 131
1,2,4-Trichlorobenzene	74.2	80.1		ug/m3		108	52 - 143
1,2,4-Trimethylbenzene	49.2	49.5		ug/m3		101	65 - 146
1,2-Dibromoethane	76.8	81.2		ug/m3		106	70 - 130
1,2-Dichlorobenzene	60.1	57.8		ug/m3		96	61 - 139
1,2-Dichloroethane	40.5	42.8		ug/m3		106	70 - 131
1,2-Dichloropropane	46.2	46.5		ug/m3		101	70 - 130
1,3,5-Trimethylbenzene	49.2	50.3		ug/m3		102	69 - 141
1,3-Butadiene	22.1	21.7		ug/m3		98	70 - 131
1,3-Dichlorobenzene	60.1	60.4		ug/m3		100	64 - 140
1,4-Dichlorobenzene	60.1	60.5		ug/m3		101	64 - 137
2-Butanone	29.5	26.5		ug/m3		90	70 - 130
2-Hexanone	41.0	49.7		ug/m3		121	57 - 141
3-Chloroprene	31.3	36.5		ug/m3		117	70 - 137
4-Ethyltoluene	49.2	53.6		ug/m3		109	69 - 139
1,4-Dioxane	36.0	41.8		ug/m3		116	70 - 130
4-Methyl-2-pentanone	41.0	42.3		ug/m3		103	68 - 133
Acetone	23.8	22.6		ug/m3		95	70 - 137
2-Chlorotoluene	51.8	55.8		ug/m3		108	70 - 130
Benzene	31.9	30.0		ug/m3		94	70 - 130
Bromodichloromethane	67.0	66.1		ug/m3		99	70 - 130
Bromoform	103	111		ug/m3		108	60 - 139
Bromomethane	38.8	34.6		ug/m3		89	70 - 140
Carbon disulfide	31.1	28.0		ug/m3		90	70 - 130
Carbon tetrachloride	62.9	60.3		ug/m3		96	70 - 130
Chlorobenzene	46.0	45.4		ug/m3		99	70 - 130
Chloroethane	26.4	24.3		ug/m3		92	70 - 131
Chloroform	48.8	50.3		ug/m3		103	70 - 130
Benzyl chloride	51.8	65.7		ug/m3		127	57 - 142
Chloromethane	20.7	17.8		ug/m3		86	64 - 138
cis-1,2-Dichloroethene	39.6	42.0		ug/m3		106	70 - 130
cis-1,3-Dichloropropene	45.4	46.6		ug/m3		103	70 - 130
Bromoethene	43.7	42.6		ug/m3		97	70 - 130
Dibromochloromethane	85.2	89.6		ug/m3		105	70 - 130
Dichlorodifluoromethane	49.5	45.7		ug/m3		92	70 - 131
Ethylbenzene	43.4	44.5		ug/m3		103	70 - 130
Freon 113	76.6	85.3		ug/m3		111	70 - 130
Freon-114	69.9	67.3		ug/m3		96	70 - 130
Heptane	41.0	39.3		ug/m3		96	70 - 130
Hexane	35.2	34.9		ug/m3		99	61 - 130
Isooctane	46.7	44.9		ug/m3		96	70 - 130
m&p-Xylene	43.4	45.4		ug/m3		104	70 - 130
Cyclohexane	34.4	35.0		ug/m3		102	61 - 130
Methyl t-butyl ether	36.1	39.9		ug/m3		111	70 - 130
Methylene Chloride	34.7	35.7		ug/m3		103	70 - 130
o-Xylene	43.4	44.3		ug/m3		102	70 - 130
Styrene	42.6	46.6		ug/m3		109	70 - 133
Ethanol	18.8	27.5		ug/m3		146	62 - 150
Tetrachloroethene	67.8	67.7		ug/m3		100	70 - 140

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-724105/4
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate	36.0	33.0		ug/m3		92	70 - 130
Toluene	37.7	36.3		ug/m3		96	70 - 130
trans-1,2-Dichloroethene	39.6	39.9		ug/m3		101	70 - 130
trans-1,3-Dichloropropene	45.4	54.2		ug/m3		120	70 - 130
Trichloroethene	53.7	54.0		ug/m3		100	70 - 130
Trichlorofluoromethane	56.2	56.0		ug/m3		100	70 - 130
Vinyl chloride	25.6	26.7		ug/m3		104	70 - 135
Hexachlorobutadiene	107	96.7		ug/m3		91	40 - 157
Isopropanol	24.6	22.5		ug/m3		92	62 - 135
Methyl methacrylate	40.9	44.8		ug/m3		109	70 - 130
Propene	17.2	15.4		ug/m3		89	58 - 130
tert-Butyl alcohol	33.6	41.1		ug/m3		122	50 - 130
Tetrahydrofuran	29.5	30.8		ug/m3		104	54 - 143
Vinyl acetate	35.2	33.6		ug/m3		95	70 - 137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	10	10.2		ppb v/v		102	70 - 130
1,1,2,2-Tetrachloroethane	10	10.0		ppb v/v		100	61 - 130
1,1,2-Trichloroethane	10	10.2		ppb v/v		102	70 - 130
1,1-Dichloroethane	10	10.2		ppb v/v		102	70 - 130
1,1-Dichloroethene	10	12.1		ppb v/v		121	70 - 131
1,2,4-Trichlorobenzene	10	10.8		ppb v/v		108	52 - 143
1,2,4-Trimethylbenzene	10	10.1		ppb v/v		101	65 - 146
1,2-Dibromoethane	10	10.6		ppb v/v		106	70 - 130
1,2-Dichlorobenzene	10	9.61		ppb v/v		96	61 - 139
1,2-Dichloroethane	10	10.6		ppb v/v		106	70 - 131
1,2-Dichloropropane	10	10.1		ppb v/v		101	70 - 130
1,3,5-Trimethylbenzene	10	10.2		ppb v/v		102	69 - 141
1,3-Butadiene	10	9.79		ppb v/v		98	70 - 131
1,3-Dichlorobenzene	10	10.0		ppb v/v		100	64 - 140
1,4-Dichlorobenzene	10	10.1		ppb v/v		101	64 - 137
2-Butanone	10	8.97		ppb v/v		90	70 - 130
2-Hexanone	10	12.1		ppb v/v		121	57 - 141
3-Chloroprene	10	11.7		ppb v/v		117	70 - 137
4-Ethyltoluene	10	10.9		ppb v/v		109	69 - 139
1,4-Dioxane	10	11.6		ppb v/v		116	70 - 130
4-Methyl-2-pentanone	10	10.3		ppb v/v		103	68 - 133
Acetone	10	9.50		ppb v/v		95	70 - 137
2-Chlorotoluene	10	10.8		ppb v/v		108	70 - 130
Benzene	10	9.38		ppb v/v		94	70 - 130
Bromodichloromethane	10	9.86		ppb v/v		99	70 - 130
Bromoform	10	10.8		ppb v/v		108	60 - 139
Bromomethane	10	8.90		ppb v/v		89	70 - 140
Carbon disulfide	10	8.99		ppb v/v		90	70 - 130
Carbon tetrachloride	10	9.59		ppb v/v		96	70 - 130
Chlorobenzene	10	9.86		ppb v/v		99	70 - 130
Chloroethane	10	9.22		ppb v/v		92	70 - 131
Chloroform	10	10.3		ppb v/v		103	70 - 130
Benzyl chloride	10	12.7		ppb v/v		127	57 - 142

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-724105/4
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	10	8.60		ppb v/v		86	64 - 138
cis-1,2-Dichloroethene	10	10.6		ppb v/v		106	70 - 130
cis-1,3-Dichloropropene	10	10.3		ppb v/v		103	70 - 130
Bromoethene	10	9.74		ppb v/v		97	70 - 130
Dibromochloromethane	10	10.5		ppb v/v		105	70 - 130
Dichlorodifluoromethane	10	9.25		ppb v/v		92	70 - 131
Ethylbenzene	10	10.3		ppb v/v		103	70 - 130
Freon 113	10	11.1		ppb v/v		111	70 - 130
Freon-114	10	9.62		ppb v/v		96	70 - 130
Heptane	10	9.58		ppb v/v		96	70 - 130
Hexane	10	9.91		ppb v/v		99	61 - 130
Isooctane	10	9.62		ppb v/v		96	70 - 130
m&p-Xylene	10	10.4		ppb v/v		104	70 - 130
Cyclohexane	10	10.2		ppb v/v		102	61 - 130
Methyl t-butyl ether	10	11.1		ppb v/v		111	70 - 130
Methylene Chloride	10	10.3		ppb v/v		103	70 - 130
o-Xylene	10	10.2		ppb v/v		102	70 - 130
Styrene	10	10.9		ppb v/v		109	70 - 133
Ethanol	10	14.6		ppb v/v		146	62 - 150
Tetrachloroethene	10	9.97		ppb v/v		100	70 - 140
Ethyl acetate	10	9.16		ppb v/v		92	70 - 130
Toluene	10	9.64		ppb v/v		96	70 - 130
trans-1,2-Dichloroethene	10	10.1		ppb v/v		101	70 - 130
trans-1,3-Dichloropropene	10	12.0		ppb v/v		120	70 - 130
Trichloroethene	10	10.0		ppb v/v		100	70 - 130
Trichlorofluoromethane	10	9.97		ppb v/v		100	70 - 130
Vinyl chloride	10	10.4		ppb v/v		104	70 - 135
Hexachlorobutadiene	10	9.07		ppb v/v		91	40 - 157
Isopropanol	10	9.16		ppb v/v		92	62 - 135
Methyl methacrylate	10	10.9		ppb v/v		109	70 - 130
Propene	10	8.93		ppb v/v		89	58 - 130
tert-Butyl alcohol	11	13.5		ppb v/v		122	50 - 130
Tetrahydrofuran	10	10.4		ppb v/v		104	54 - 143
Vinyl acetate	10	9.55		ppb v/v		95	70 - 137

Lab Sample ID: LCSD 410-724105/5
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	54.6	58.3		ug/m3			-		
1,1,2,2-Tetrachloroethane	68.7	69.9		ug/m3			-		
1,1,2-Trichloroethane	54.6	56.1		ug/m3			-		
1,1-Dichloroethane	40.5	43.0		ug/m3			-		
1,1-Dichloroethene	39.6	50.3		ug/m3			-		
1,2,4-Trichlorobenzene	74.2	81.6		ug/m3			-		
1,2,4-Trimethylbenzene	49.2	49.7		ug/m3			-		
1,2-Dibromoethane	76.8	81.8		ug/m3			-		
1,2-Dichlorobenzene	60.1	58.5		ug/m3			-		

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 410-724105/5
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	40.5	45.4		ug/m3			-		
1,2-Dichloropropane	46.2	47.6		ug/m3			-		
1,3,5-Trimethylbenzene	49.2	51.4		ug/m3			-		
1,3-Butadiene	22.1	22.9		ug/m3			-		
1,3-Dichlorobenzene	60.1	61.1		ug/m3			-		
1,4-Dichlorobenzene	60.1	60.6		ug/m3			-		
2-Butanone	29.5	27.8		ug/m3			-		
2-Hexanone	41.0	50.3		ug/m3			-		
3-Chloroprene	31.3	39.0		ug/m3			-		
4-Ethyltoluene	49.2	54.5		ug/m3			-		
1,4-Dioxane	36.0	42.6		ug/m3			-		
4-Methyl-2-pentanone	41.0	44.7		ug/m3			-		
Acetone	23.8	24.0		ug/m3			-		
2-Chlorotoluene	51.8	56.3		ug/m3			-		
Benzene	31.9	31.0		ug/m3			-		
Bromodichloromethane	67.0	68.0		ug/m3			-		
Bromoform	103	112		ug/m3			-		
Bromomethane	38.8	36.5		ug/m3			-		
Carbon disulfide	31.1	29.2		ug/m3			-		
Carbon tetrachloride	62.9	63.3		ug/m3			-		
Chlorobenzene	46.0	46.0		ug/m3			-		
Chloroethane	26.4	26.1		ug/m3			-		
Chloroform	48.8	53.0		ug/m3			-		
Benzyl chloride	51.8	66.2		ug/m3			-		
Chloromethane	20.7	19.4		ug/m3			-		
cis-1,2-Dichloroethene	39.6	43.9		ug/m3			-		
cis-1,3-Dichloropropene	45.4	48.6		ug/m3			-		
Bromoethene	43.7	45.1		ug/m3			-		
Dibromochloromethane	85.2	89.4		ug/m3			-		
Dichlorodifluoromethane	49.5	48.1		ug/m3			-		
Ethylbenzene	43.4	45.7		ug/m3			-		
Freon 113	76.6	89.5		ug/m3			-		
Freon-114	69.9	69.6		ug/m3			-		
Heptane	41.0	40.7		ug/m3			-		
Hexane	35.2	36.3		ug/m3			-		
Isooctane	46.7	47.3		ug/m3			-		
m&p-Xylene	43.4	46.1		ug/m3			-		
Cyclohexane	34.4	36.7		ug/m3			-		
Methyl t-butyl ether	36.1	41.8		ug/m3			-		
Methylene Chloride	34.7	37.4		ug/m3			-		
o-Xylene	43.4	45.3		ug/m3			-		
Styrene	42.6	47.1		ug/m3			-		
Ethanol	18.8	28.1		ug/m3			-		
Tetrachloroethene	67.8	67.9		ug/m3			-		
Ethyl acetate	36.0	34.5		ug/m3			-		
Toluene	37.7	36.9		ug/m3			-		
trans-1,2-Dichloroethene	39.6	41.5		ug/m3			-		
trans-1,3-Dichloropropene	45.4	54.6		ug/m3			-		
Trichloroethene	53.7	55.4		ug/m3			-		

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 410-724105/5
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Trichlorofluoromethane			56.2	58.7		ug/m3			-		
Vinyl chloride			25.6	27.9		ug/m3			-		
Hexachlorobutadiene			107	99.1		ug/m3			-		
Isopropanol			24.6	23.8		ug/m3			-		
Methyl methacrylate			40.9	46.0		ug/m3			-		
Propene			17.2	16.7		ug/m3			-		
tert-Butyl alcohol			33.6	42.7		ug/m3			-		
Tetrahydrofuran			29.5	32.4		ug/m3			-		
Vinyl acetate			35.2	34.8		ug/m3			-		

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			10	10.7		ppb v/v			-		
1,1,2,2-Tetrachloroethane			10	10.2		ppb v/v			-		
1,1,2-Trichloroethane			10	10.3		ppb v/v			-		
1,1-Dichloroethane			10	10.6		ppb v/v			-		
1,1-Dichloroethene			10	12.7		ppb v/v			-		
1,2,4-Trichlorobenzene			10	11.0		ppb v/v			-		
1,2,4-Trimethylbenzene			10	10.1		ppb v/v			-		
1,2-Dibromoethane			10	10.6		ppb v/v			-		
1,2-Dichlorobenzene			10	9.72		ppb v/v			-		
1,2-Dichloroethane			10	11.2		ppb v/v			-		
1,2-Dichloropropane			10	10.3		ppb v/v			-		
1,3,5-Trimethylbenzene			10	10.5		ppb v/v			-		
1,3-Butadiene			10	10.4		ppb v/v			-		
1,3-Dichlorobenzene			10	10.2		ppb v/v			-		
1,4-Dichlorobenzene			10	10.1		ppb v/v			-		
2-Butanone			10	9.42		ppb v/v			-		
2-Hexanone			10	12.3		ppb v/v			-		
3-Chloroprene			10	12.5		ppb v/v			-		
4-Ethyltoluene			10	11.1		ppb v/v			-		
1,4-Dioxane			10	11.8		ppb v/v			-		
4-Methyl-2-pentanone			10	10.9		ppb v/v			-		
Acetone			10	10.1		ppb v/v			-		
2-Chlorotoluene			10	10.9		ppb v/v			-		
Benzene			10	9.69		ppb v/v			-		
Bromodichloromethane			10	10.1		ppb v/v			-		
Bromoform			10	10.8		ppb v/v			-		
Bromomethane			10	9.40		ppb v/v			-		
Carbon disulfide			10	9.39		ppb v/v			-		
Carbon tetrachloride			10	10.1		ppb v/v			-		
Chlorobenzene			10	9.98		ppb v/v			-		
Chloroethane			10	9.88		ppb v/v			-		
Chloroform			10	10.9		ppb v/v			-		
Benzyl chloride			10	12.8		ppb v/v			-		
Chloromethane			10	9.40		ppb v/v			-		
cis-1,2-Dichloroethene			10	11.1		ppb v/v			-		
cis-1,3-Dichloropropene			10	10.7		ppb v/v			-		
Bromoethene			10	10.3		ppb v/v			-		
Dibromochloromethane			10	10.5		ppb v/v			-		

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 410-724105/5
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorodifluoromethane	10	9.72		ppb v/v			-		
Ethylbenzene	10	10.5		ppb v/v			-		
Freon 113	10	11.7		ppb v/v			-		
Freon-114	10	9.96		ppb v/v			-		
Heptane	10	9.94		ppb v/v			-		
Hexane	10	10.3		ppb v/v			-		
Isooctane	10	10.1		ppb v/v			-		
m&p-Xylene	10	10.6		ppb v/v			-		
Cyclohexane	10	10.7		ppb v/v			-		
Methyl t-butyl ether	10	11.6		ppb v/v			-		
Methylene Chloride	10	10.8		ppb v/v			-		
o-Xylene	10	10.4		ppb v/v			-		
Styrene	10	11.1		ppb v/v			-		
Ethanol	10	14.9		ppb v/v			-		
Tetrachloroethene	10	10.0		ppb v/v			-		
Ethyl acetate	10	9.57		ppb v/v			-		
Toluene	10	9.80		ppb v/v			-		
trans-1,2-Dichloroethene	10	10.5		ppb v/v			-		
trans-1,3-Dichloropropene	10	12.0		ppb v/v			-		
Trichloroethene	10	10.3		ppb v/v			-		
Trichlorofluoromethane	10	10.4		ppb v/v			-		
Vinyl chloride	10	10.9		ppb v/v			-		
Hexachlorobutadiene	10	9.29		ppb v/v			-		
Isopropanol	10	9.70		ppb v/v			-		
Methyl methacrylate	10	11.2		ppb v/v			-		
Propene	10	9.69		ppb v/v			-		
tert-Butyl alcohol	11	14.1		ppb v/v			-		
Tetrahydrofuran	10	11.0		ppb v/v			-		
Vinyl acetate	10	9.90		ppb v/v			-		

Method: EPA-18 - Volatile Organic Compounds

Lab Sample ID: MB 410-719371/3
Matrix: Air
Analysis Batch: 719371

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		3.3	0.59	mg/m3			10/24/25 14:20	1
C1-C10 as methane	ND		6.6	3.3	mg/m3			10/24/25 14:20	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		5.0	0.90	ppm v/v			10/24/25 14:20	1
C1-C10 as methane	ND		10	5.0	ppm v/v			10/24/25 14:20	1

QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Air - GC/MS VOA

Analysis Batch: 724105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-248626-1	Flame-Ox Effluent	Total/NA	Air	TO-15	
410-248626-2	SVE Combined Influent	Total/NA	Air	TO-15	
410-248626-3	LICC Air	Total/NA	Air	TO-15	
410-248626-4	ORS AS Influent	Total/NA	Air	TO-15	
410-248626-5	SVE Influent	Total/NA	Air	TO-15	
MB 410-724105/7	Method Blank	Total/NA	Air	TO-15	
LCS 410-724105/4	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 410-724105/5	Lab Control Sample Dup	Total/NA	Air	TO-15	

Air - GC VOA

Analysis Batch: 719371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-248626-1	Flame-Ox Effluent	Total/NA	Air	EPA-18	
410-248626-2	SVE Combined Influent	Total/NA	Air	EPA-18	
410-248626-3	LICC Air	Total/NA	Air	EPA-18	
410-248626-4	ORS AS Influent	Total/NA	Air	EPA-18	
410-248626-5	SVE Influent	Total/NA	Air	EPA-18	
MB 410-719371/3	Method Blank	Total/NA	Air	EPA-18	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248626-1

Client Sample ID: Flame-Ox Effluent

Lab Sample ID: 410-248626-1

Date Collected: 10/15/25 10:20
Matrix: Air
Date Received: 10/21/25 19:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		20	724105	JXC9	ELLE	11/04/25 16:23
Total/NA	Analysis	EPA-18		10	719371	XU8K	ELLE	10/25/25 11:46

Client Sample ID: SVE Combined Influent

Lab Sample ID: 410-248626-2

Date Collected: 10/15/25 10:10
Matrix: Air
Date Received: 10/21/25 19:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1000	724105	JXC9	ELLE	11/04/25 18:52
Total/NA	Analysis	EPA-18		200	719371	XU8K	ELLE	10/25/25 12:14

Client Sample ID: LICC Air

Lab Sample ID: 410-248626-3

Date Collected: 10/17/25 11:58
Matrix: Air
Date Received: 10/21/25 19:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	724105	JXC9	ELLE	11/04/25 16:52
Total/NA	Analysis	EPA-18		1.99	719371	XU8K	ELLE	10/25/25 12:42

Client Sample ID: ORS AS Influent

Lab Sample ID: 410-248626-4

Date Collected: 10/15/25 10:12
Matrix: Air
Date Received: 10/21/25 19:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		10	724105	JXC9	ELLE	11/04/25 17:13
Total/NA	Analysis	EPA-18		2	719371	XU8K	ELLE	10/25/25 13:11

Client Sample ID: SVE Influent

Lab Sample ID: 410-248626-5

Date Collected: 10/15/25 10:08
Matrix: Air
Date Received: 10/21/25 19:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1000	724105	JXC9	ELLE	11/04/25 19:13
Total/NA	Analysis	EPA-18		40	719371	XU8K	ELLE	10/25/25 13:39

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-248626-1
Project/Site: EMGPRP-31097

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
EPA-18		Air	C1-C10 as methane
EPA-18		Air	Methane
TO-15		Air	2-Hexanone
TO-15		Air	4-Ethyltoluene
TO-15		Air	Ethanol
TO-15		Air	Ethyl acetate
TO-15		Air	Propene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-248626-1
Project/Site: EMGPRP-31097

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	ELLE
EPA-18	Volatile Organic Compounds	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Summa Canister Field Test Data

410-248626 Chain of Custody

eurofins | Lancaster Laboratories Environmental

Acct. # _____ Group # _____ For Eurofins Lancaster Laboratories Environmental use on. Sample # _____ Bottle Order (SCR) # _____

Client Information

Client Information: Roux Environmental Engineering and Geology, D.P.C. Account #

Project Name/#: EMGPRP-31097 Eurofins - EMES Agreement #: A2604415

Project Manager: Jacqueline Carames P.O. #: WAL#5199

Sampler: Darnell King Quote #:

Name of state where samples were collected: NY

Turnaround Time Requested (TAT) (circle one)

(Standard) Rush (specify) _____

Data Package Required? Yes (No)

EDD Required? (Yes) No

	Temperature (F)		Pressure ("Hg)	
	Start	Stop	Start	Stop
Ambient				
Maximum				
Minimum				

Sample Identification	Start Date/Time (24-hour clock)	Stop Date/Time (24-hour clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Flow Reg. ID	Can ID	Can Size (L)	Controller Flowrate (mL/min)	EPA TO - 15	EPA 18/EPA 25 (TPH and Methane)	EPA 18/EPA 25 (Full List)	Helium as tracer	O2/CO2	Library Search	
Flame Ox Effluent	10/15/25 10:20	N/A	-30	0			Grab	2080	1		X	X					
SVE Combined Influent	10/15/25 10:10	N/A	-30	0			Grab	2008	1		X	X					
LICC Air	10/17/25 11:58	N/A	-30	0			Grab	2121	1		X	X					
ORS AS Influent	10/15/25 10:12	N/A	-30	0			Grab	2045	1		X	X					
SVE Influent	10/15/25 10:08	N/A	-30	0			Grab	2061	1		X	X					

Instructions/QC Requirements & Comments

EPA 25 (check one)

- ☐ C1 - C4
- ☐ C2 - C10
- ☒ C1 - C10
- ☐ C4 - C10 (GRO)
- ☐ C2 - C4

		Canisters Received by:	Date/Time:	Relinquished by:	Date/Time: 10/21/25	Received by:	Date/Time: 10/21/25 1430
Relinquished by: Clarence Williams	Date/Time: 10/21/25 1925	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time: 10/22/25

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The white copy should accompany samples to Eurofins Lancaster Laboratories Environmental. The yellow copy should be retained by the client.

7056 1015

received unchilled

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 410-248626-1

Login Number: 248626

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Renner, Melissa

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	N/A	
Cooler Temperature is recorded.	N/A	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-248626-1
Project/Site: EMGPRP-31097

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Air - GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Summa Canister Dilution Worksheet

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job No.: 410-248626-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
410-248626-1	1	-0.29	0.99	0.99	14.41	1.98	1.98		2.00	2.00		10/24/25 17:42	XU8K
410-248626-2	1	0.32	1.01	1.01	14.91	2.01	2.01		1.99	1.99		10/24/25 17:42	XU8K
410-248626-3	1	-0.01	1.00	1.00	14.54	1.99	1.99		1.99	1.99		10/24/25 17:42	XU8K
410-248626-4	1	2.45	1.08	1.08	17.07	2.16	2.16		2.00	2.00		10/24/25 17:43	XU8K
410-248626-5	1	-0.09	1.00	1.00	14.41	1.98	1.98		1.99	1.99		10/24/25 17:43	XU8K

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2008 Lab Sample ID: 410-233912-1

Matrix: Air Lab File ID: 7L14X16.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 21:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.26	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2008 Lab Sample ID: 410-233912-1

Matrix: Air Lab File ID: 7L14X16.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 21:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2008 Lab Sample ID: 410-233912-1

Matrix: Air Lab File ID: 7L14X16.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 21:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2008 Lab Sample ID: 410-233912-1

Matrix: Air Lab File ID: 7L14X16.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 21:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D
Lims ID: 410-233912-A-1
Client ID: 2008
Sample Type: Client
Inject. Date: 14-Jul-2025 21:27:09 ALS Bottle#: 11 Worklist Smp#: 42
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: CCN9942
Misc. Info.: 410-0153358-013
Operator ID: jts91224 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 10-Aug-2025 19:47:51 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: D7UM Date: 22-Jul-2025 10:47:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.312	0.000	94	3802	0.1363	M
15 Acrolein	56	6.163	6.148	0.014	70	4754	0.2576	7M
18 Acetone	43	6.377	6.377	0.000	100	147109	2.15	
21 Isopropyl alcohol	45	6.592	6.585	0.007	94	15320	0.2578	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	91	7173	0.2570	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	660563	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2481591	10.0	
70 2-Hexanone	43	13.720	13.727	-0.007	90	9189	0.0967	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2233373	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

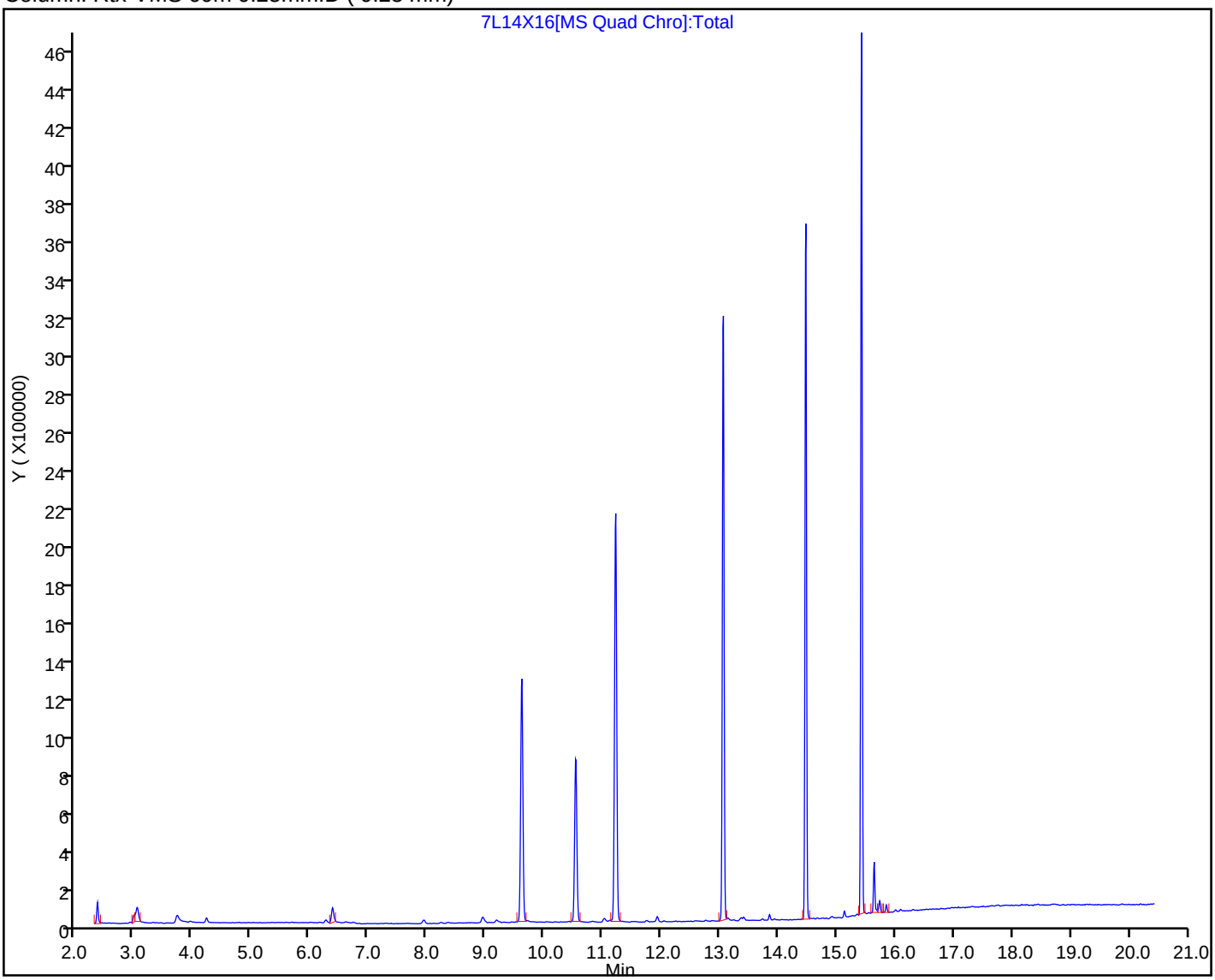
AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:42 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D				
Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

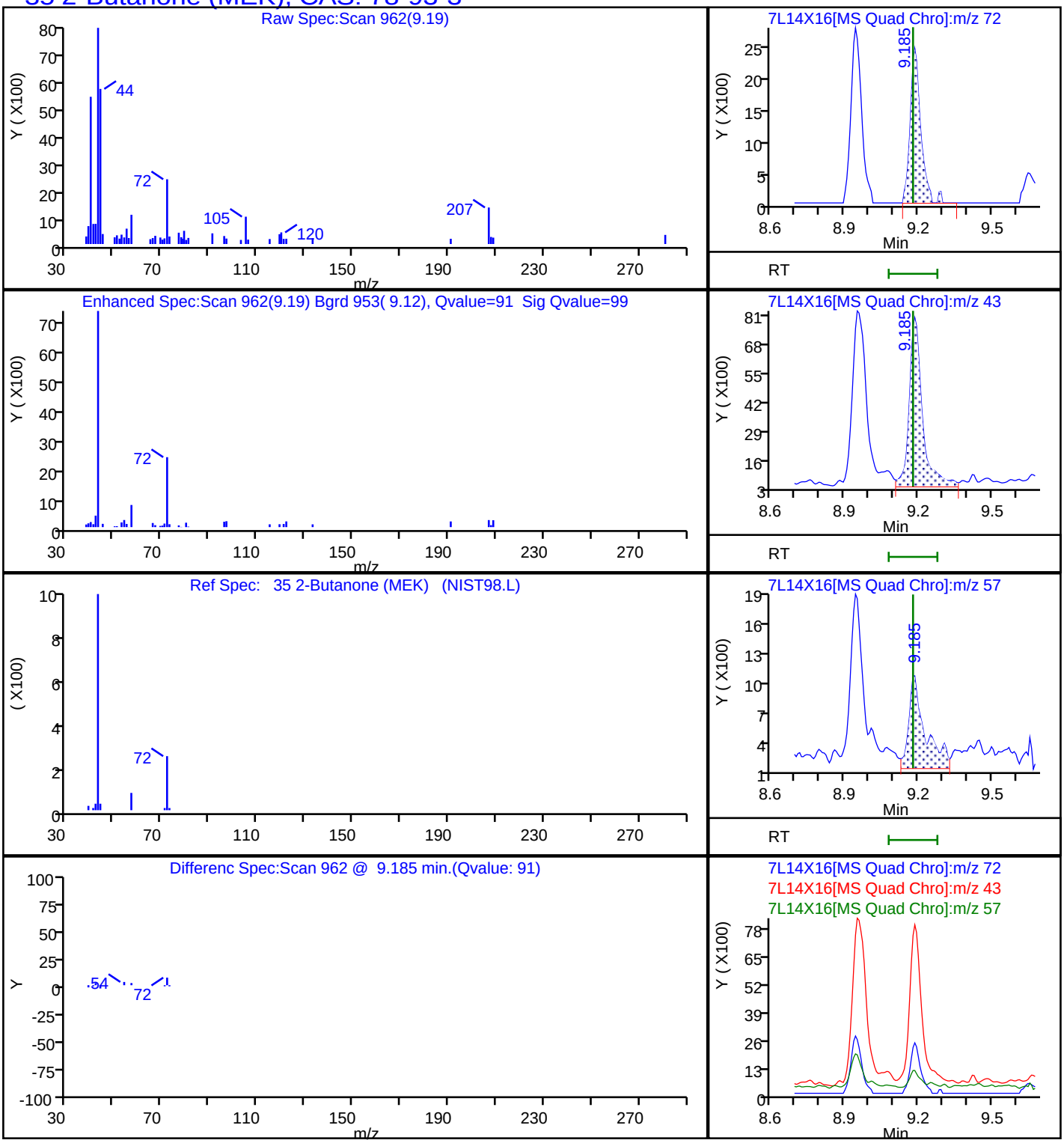


Report Date: 10-Aug-2025 19:48:43 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D				
Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

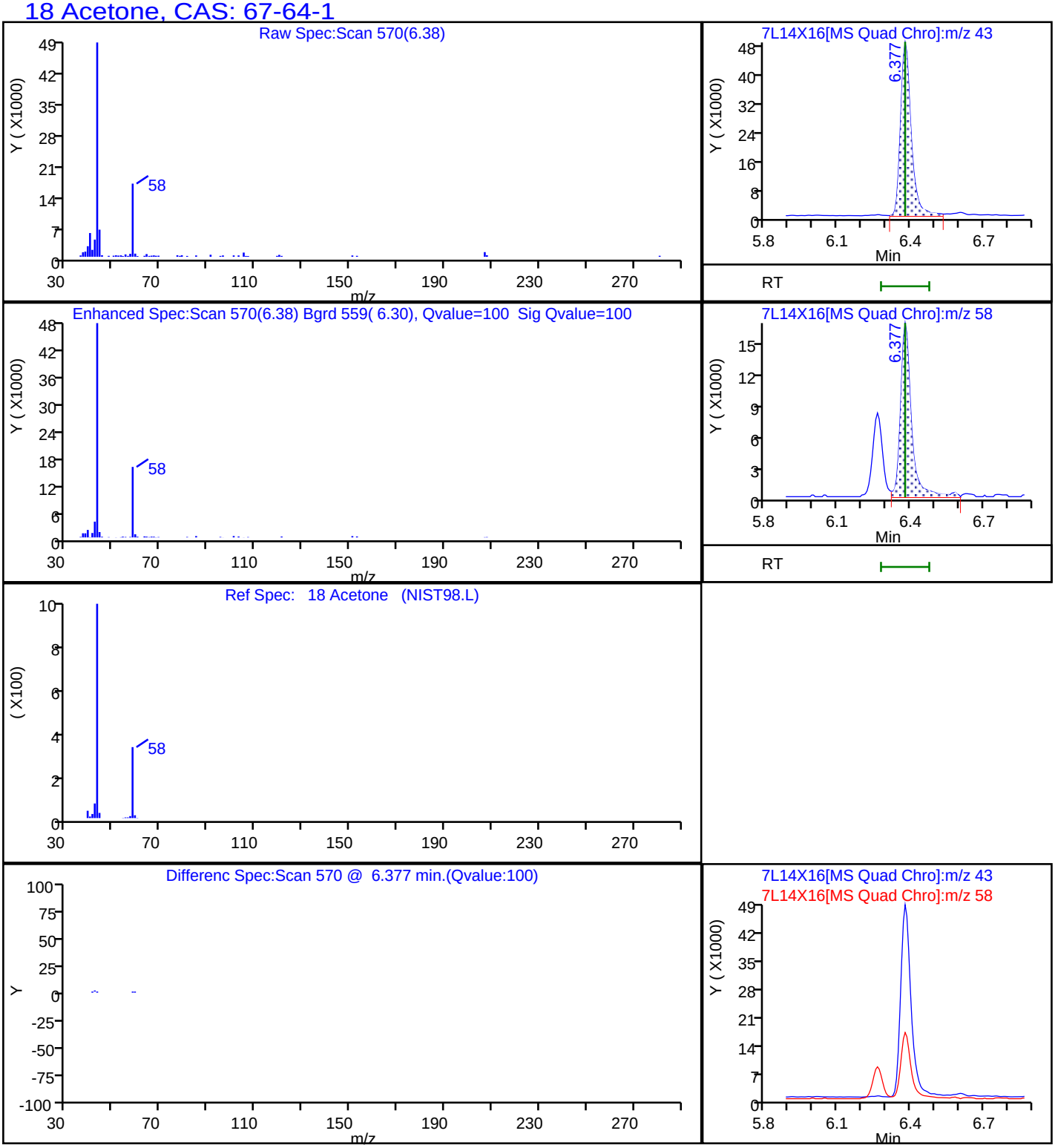


Report Date: 10-Aug-2025 19:48:42 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D				
Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1



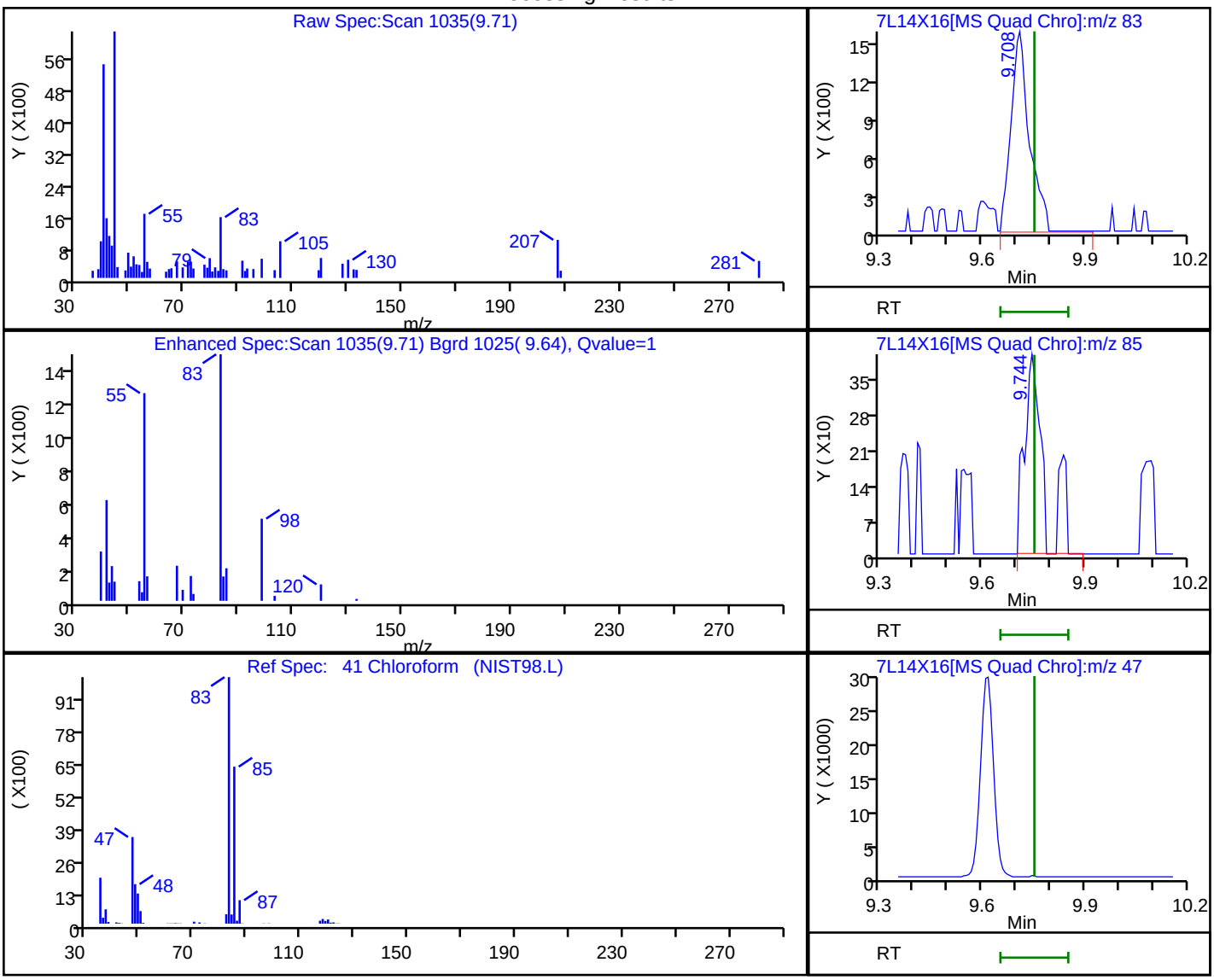
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D				
Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

41 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
9.71	83.00	5804	0.049598
9.74	85.00	1544	
9.75	47.00	0	

Reviewer: D7UM, 22-Jul-2025 10:45:47 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

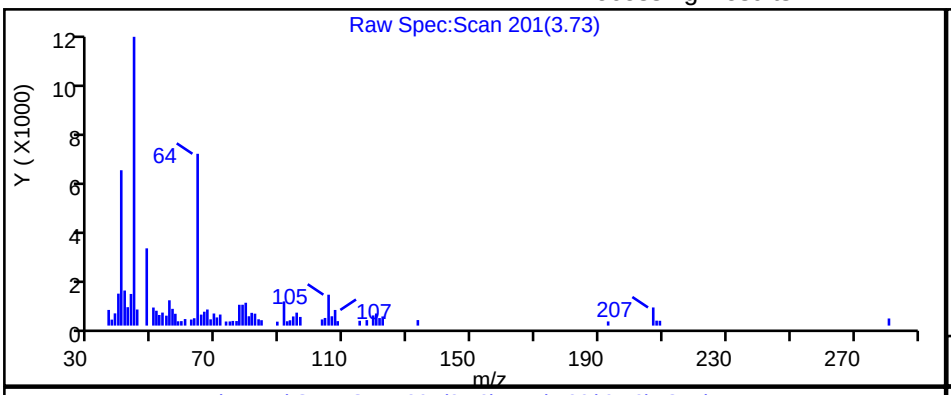
User Disabled Compound Report

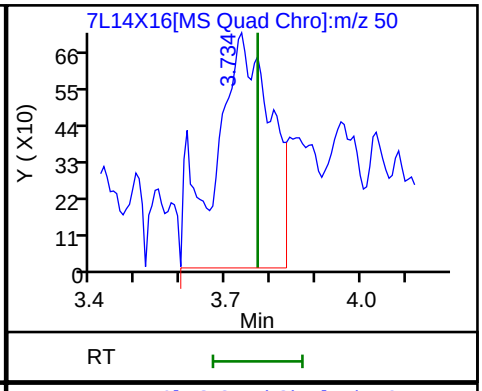
Eurofins Lancaster Laboratories Environment Testing, LLC

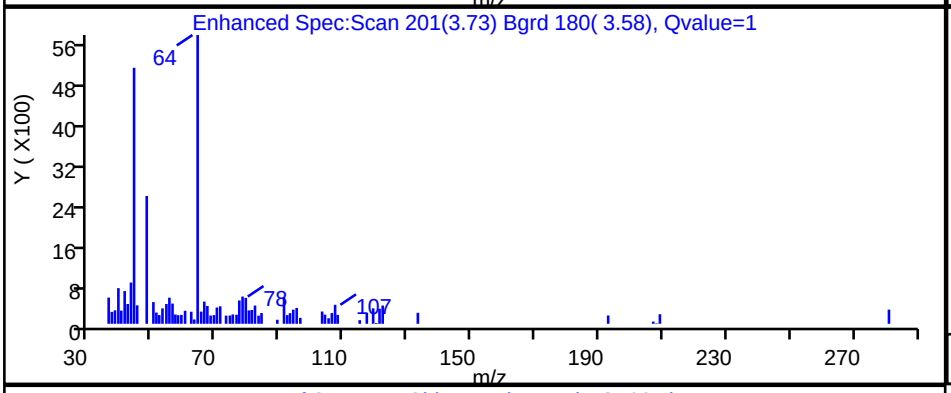
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Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

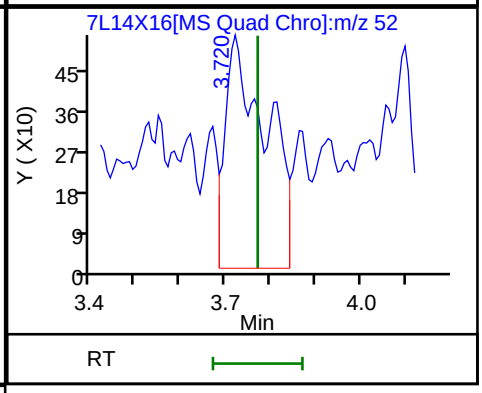
5 Chloromethane, CAS: 74-87-3

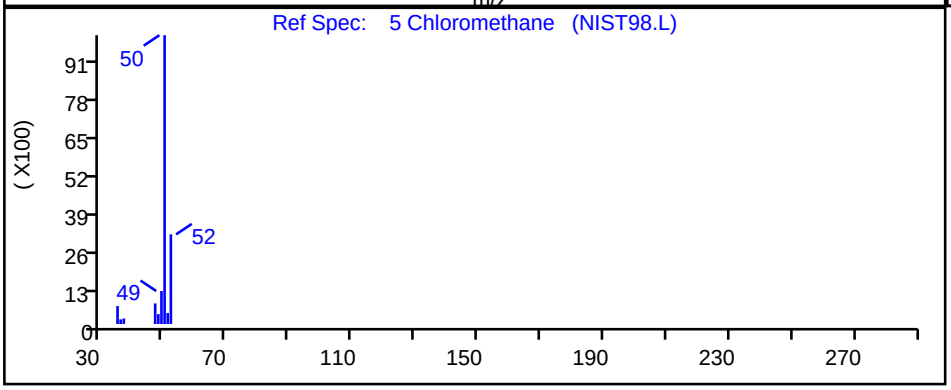
Processing Results











RT	Mass	Response	Amount
3.73	50.00	6066	0.164735
3.72	52.00	3302	

Reviewer: D7UM, 22-Jul-2025 10:45:20 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

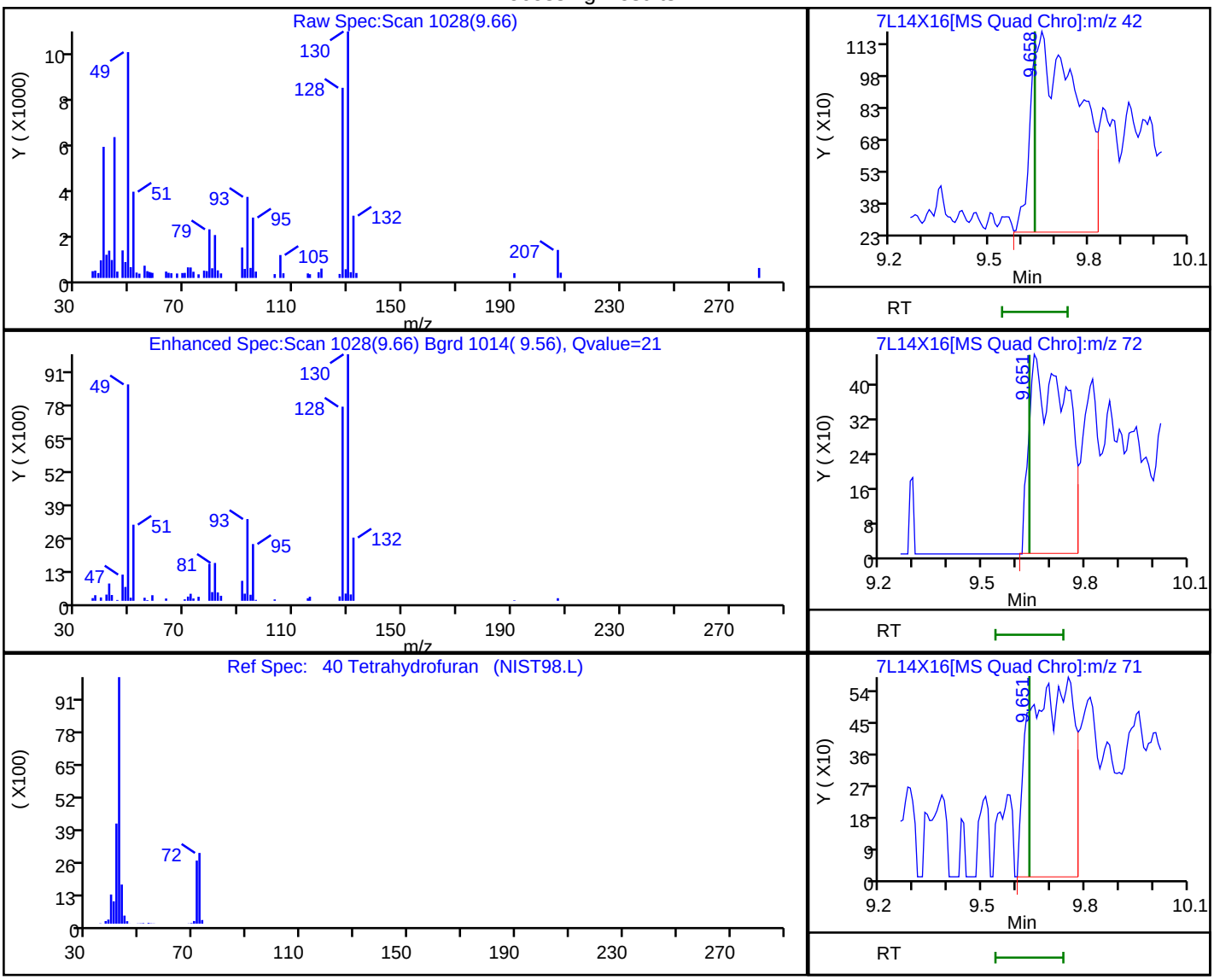
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D				
Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.66	42.00	9274	0.167598
9.65	72.00	3404	
9.65	71.00	4961	

Reviewer: D7UM, 22-Jul-2025 10:45:43 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

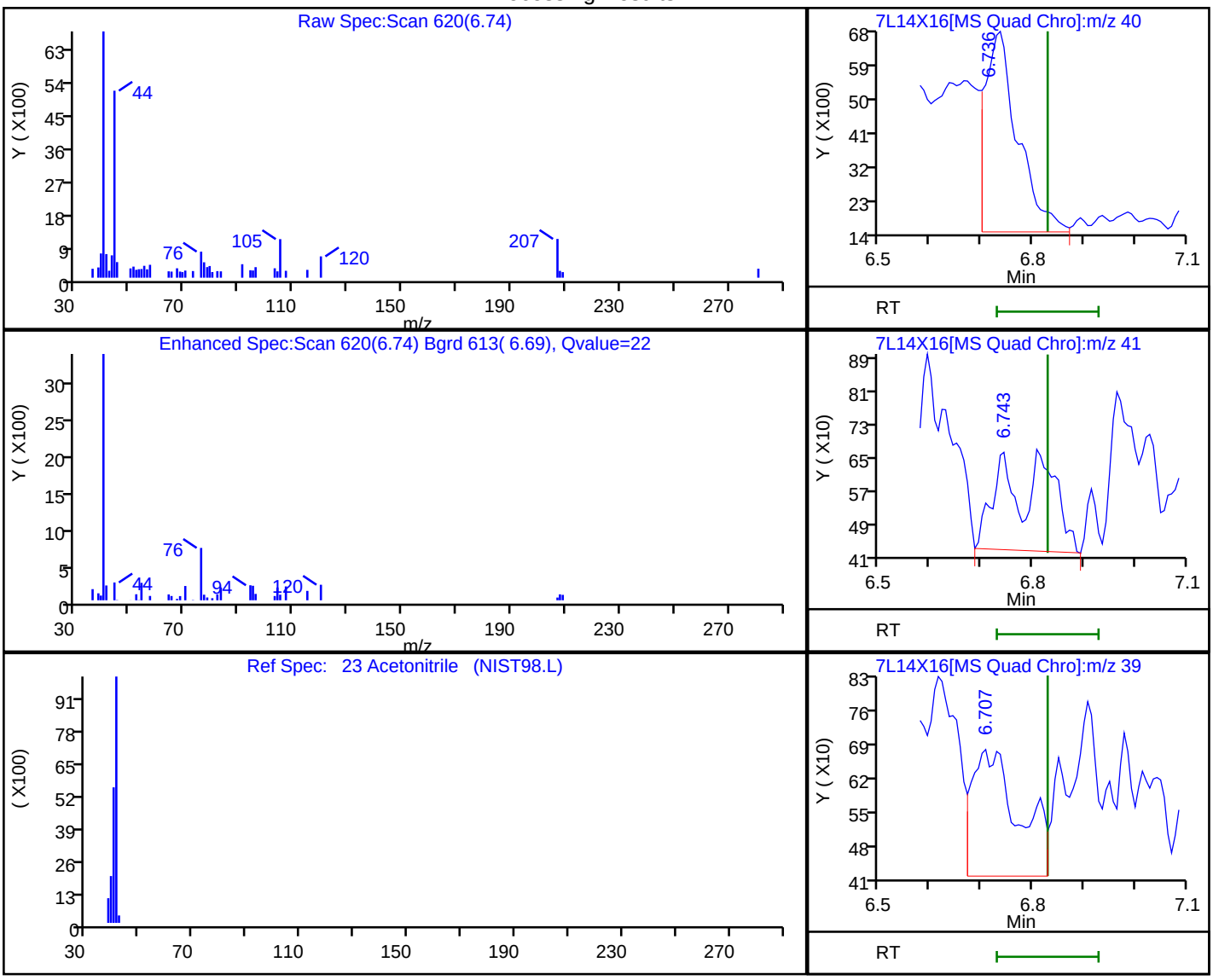
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D				
Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
6.74	40.00	22589	1.338070
6.74	41.00	1554	
6.71	39.00	1627	

Reviewer: D7UM, 22-Jul-2025 10:45:36 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

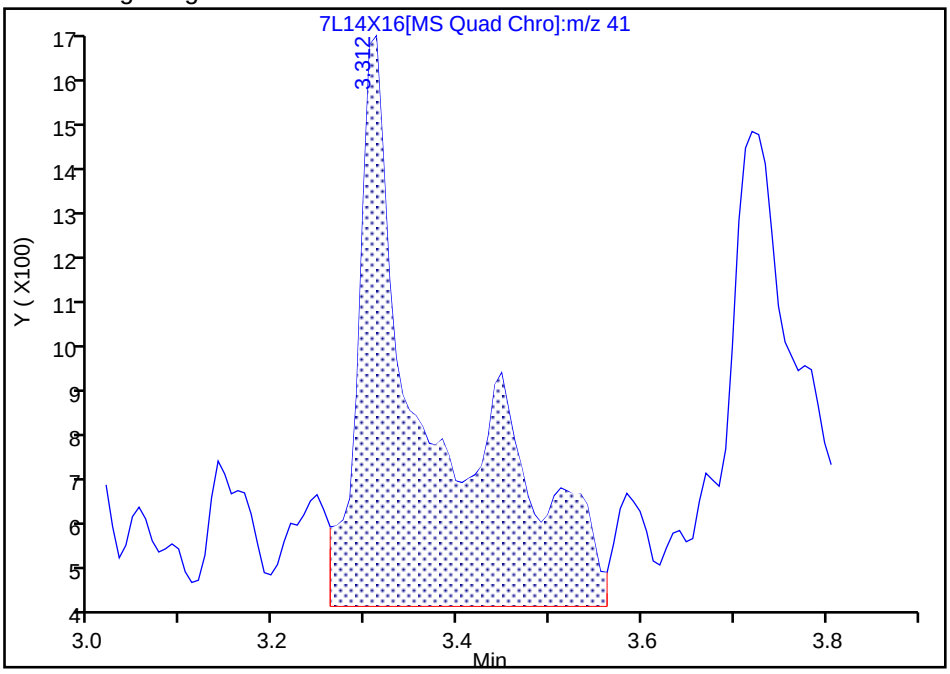
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Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

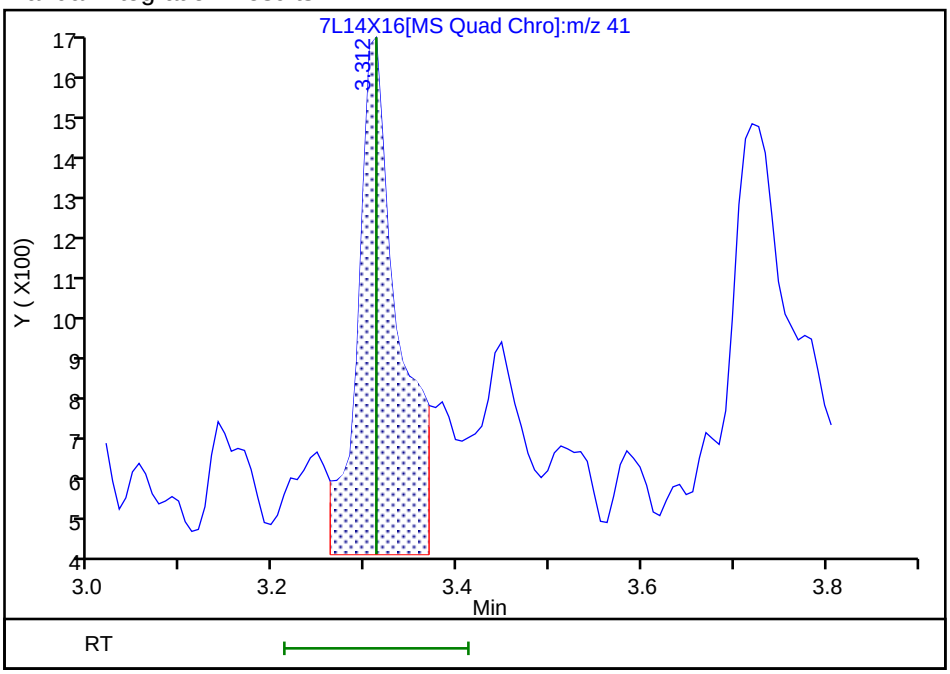
Processing Integration Results

RT: 3.31
Area: 7184
Amount: 0.257498
Amount Units: ppb v/v



Manual Integration Results

RT: 3.31
Area: 3802
Amount: 0.136276
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 10:45:11 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

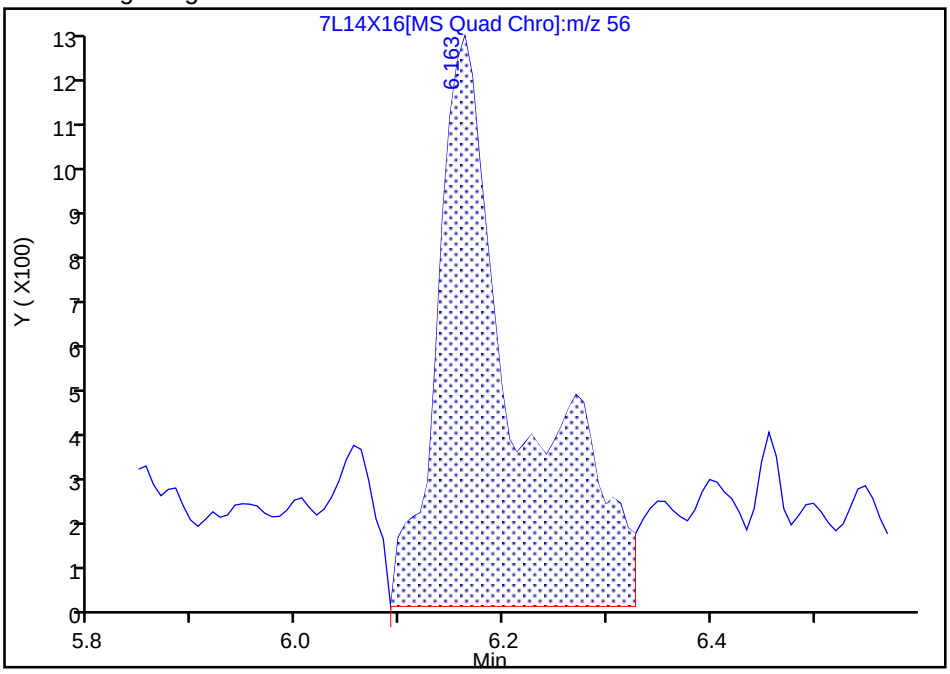
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D				
Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

15 Acrolein, CAS: 107-02-8

Signal: 1

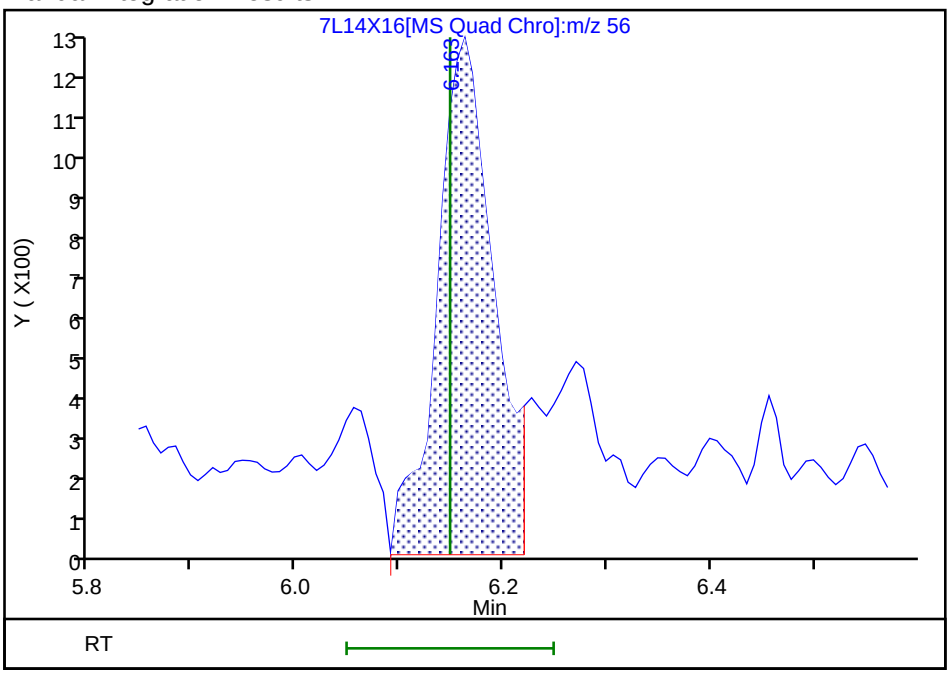
Processing Integration Results

RT: 6.16
Area: 6907
Amount: 0.389744
Amount Units: ppb v/v



Manual Integration Results

RT: 6.16
Area: 4754
Amount: 0.257583
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 10:45:27 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2050 Lab Sample ID: 410-233912-2

Matrix: Air Lab File ID: 7L14X17.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2050 Lab Sample ID: 410-233912-2

Matrix: Air Lab File ID: 7L14X17.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2050 Lab Sample ID: 410-233912-2

Matrix: Air Lab File ID: 7L14X17.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2050 Lab Sample ID: 410-233912-2

Matrix: Air Lab File ID: 7L14X17.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X17.D				
Lims ID:	410-233912-A-2				
Client ID:	2050				
Sample Type:	Client				
Inject. Date:	14-Jul-2025 22:04:57	ALS Bottle#:	12	Worklist Smp#:	43
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	CCN9997				
Misc. Info.:	410-0153358-014				
Operator ID:	jts91224	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	10-Aug-2025 19:47:51	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1685				
First Level Reviewer: D7UM		Date:	22-Jul-2025 10:48:17		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	6.385	6.377	0.008	99	44085	0.6570	
21 Isopropyl alcohol	45	6.600	6.585	0.015	97	27921	0.4797	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	647017	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2445383	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2183271	10.0	

QC Flag Legend

Processing Flags

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:44 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X17.D

Injection Date: 14-Jul-2025 22:04:57 Instrument ID: HP8R004

Lims ID: 410-233912-A-2 Lab Sample ID: 410-233912-2

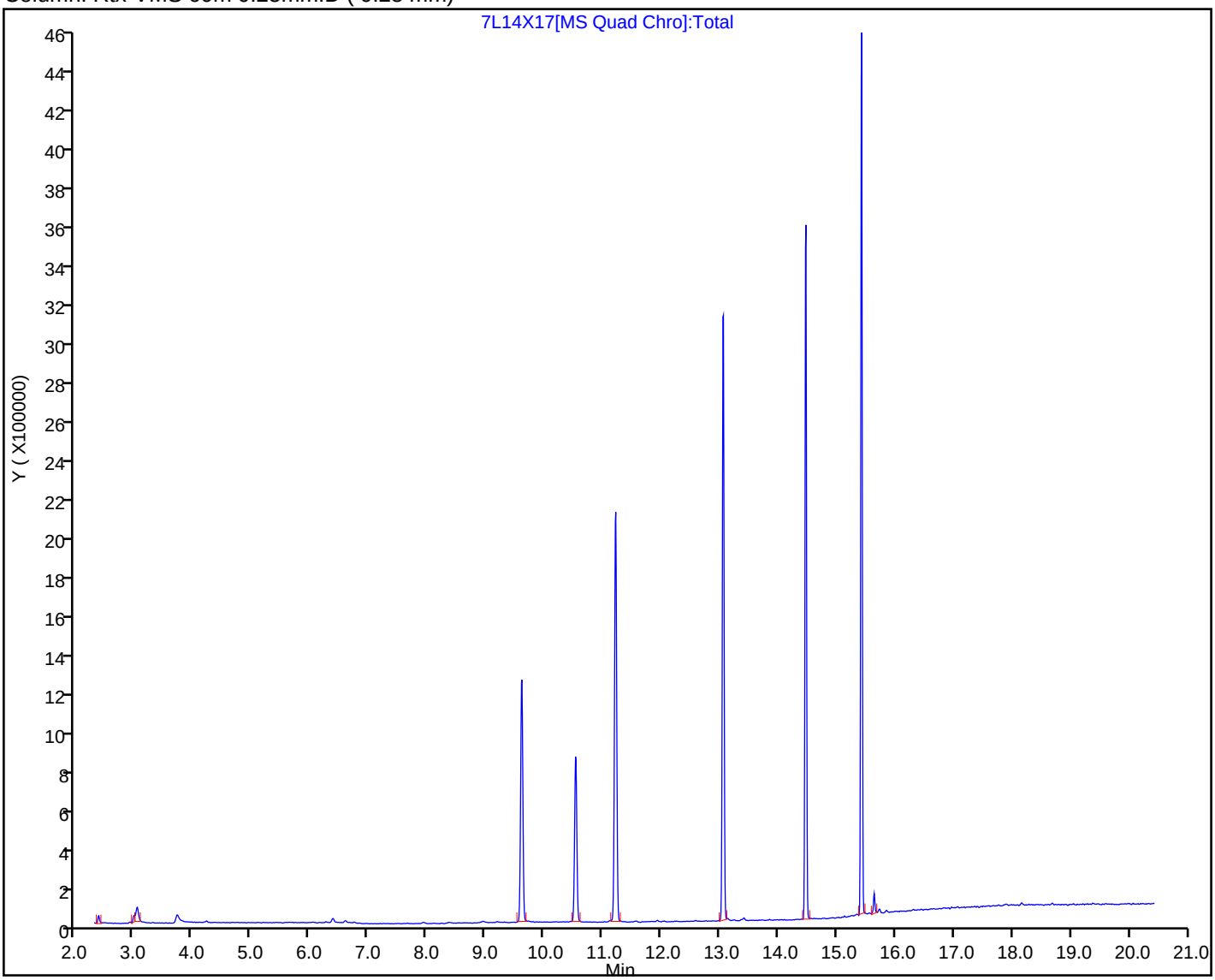
Client ID: 2050

Operator ID: jts91224 ALS Bottle#: 12 Worklist Smp#: 43

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



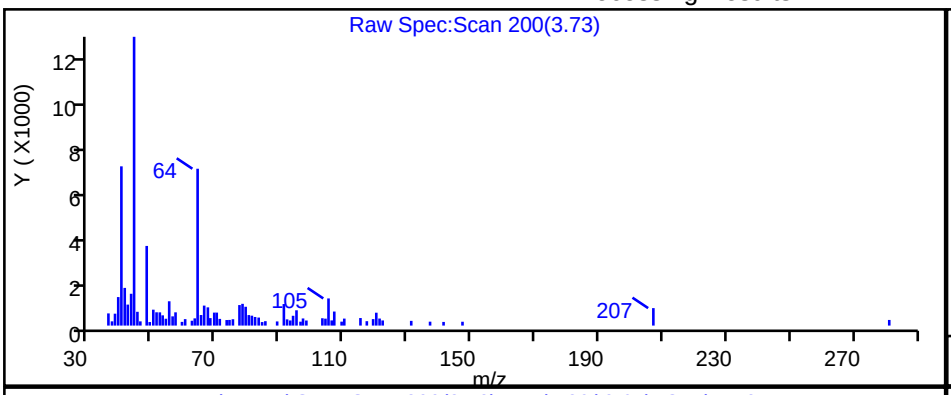
User Disabled Compound Report

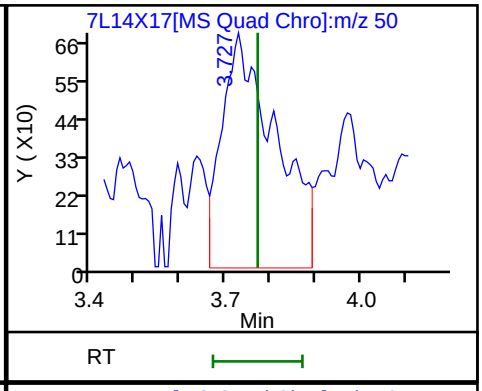
Eurofins Lancaster Laboratories Environment Testing, LLC

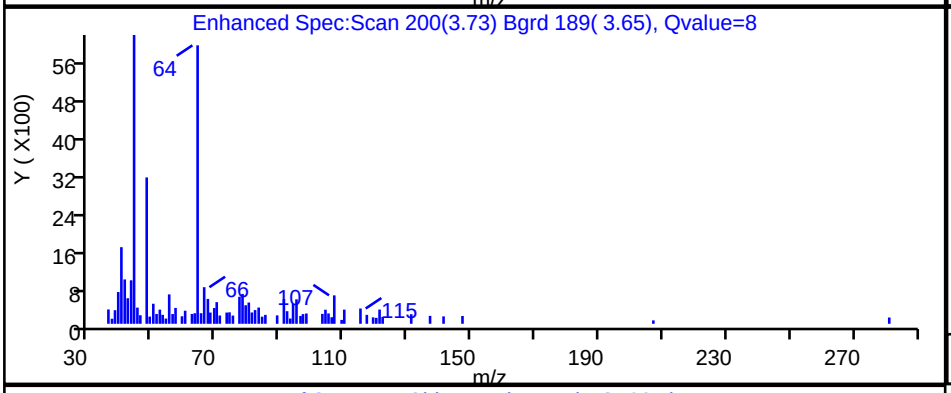
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Injection Date:	14-Jul-2025 22:04:57	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-2	Lab Sample ID:	410-233912-2		
Client ID:	2050				
Operator ID:	jts91224	ALS Bottle#:	12	Worklist Smp#:	43
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

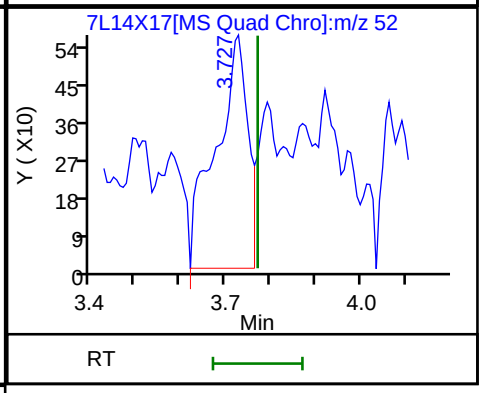
5 Chloromethane, CAS: 74-87-3

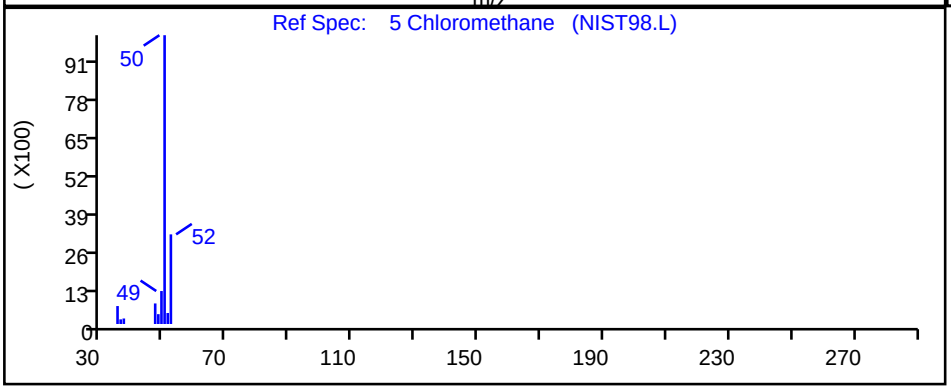
Processing Results











RT	Mass	Response	Amount
3.73	50.00	5651	0.156677
3.73	52.00	2790	

Reviewer: D7UM, 22-Jul-2025 10:47:10 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

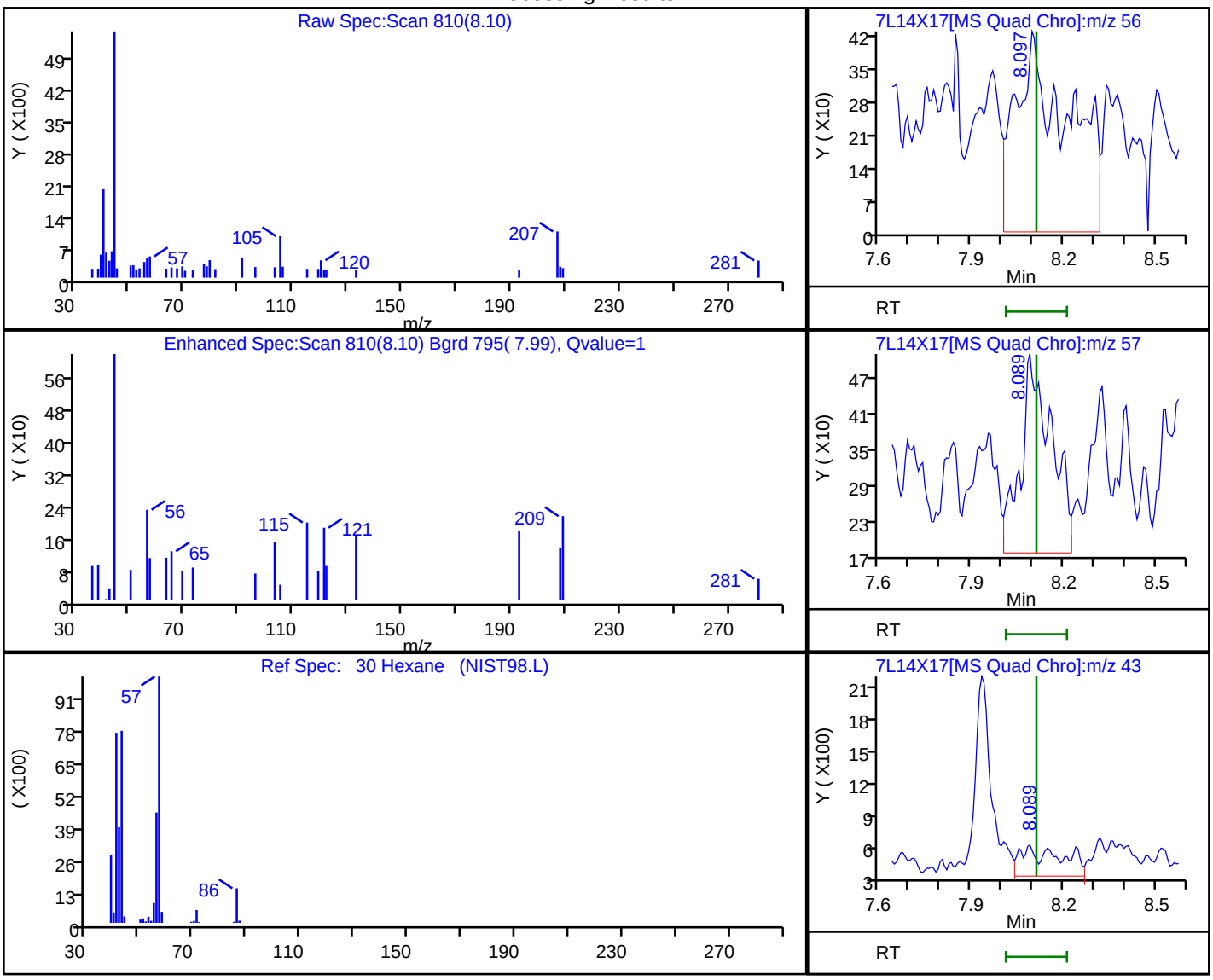
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X17.D				
Injection Date:	14-Jul-2025 22:04:57	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-2	Lab Sample ID:	410-233912-2		
Client ID:	2050				
Operator ID:	jts91224	ALS Bottle#:	12	Worklist Smp#:	43
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

30 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
8.10	56.00	5050	0.123223
8.09	57.00	2342	
8.09	43.00	2613	
8.11	86.00	0	

Reviewer: D7UM, 22-Jul-2025 10:47:56 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

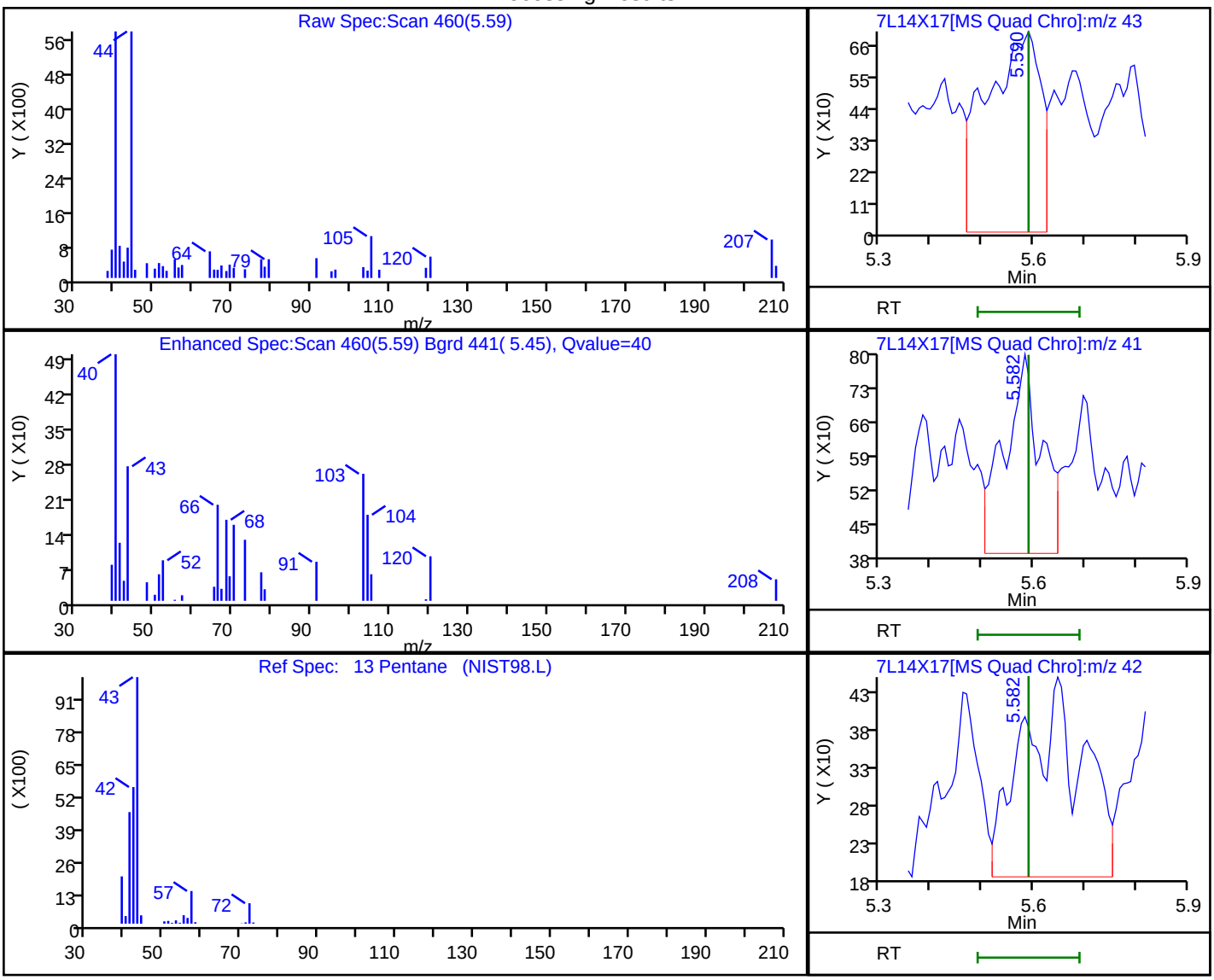
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X17.D				
Injection Date:	14-Jul-2025 22:04:57	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-2	Lab Sample ID:	410-233912-2		
Client ID:	2050				
Operator ID:	jts91224	ALS Bottle#:	12	Worklist Smp#:	43
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
5.59	43.00	5178	0.069437
5.58	41.00	2046	
5.58	42.00	2140	

Reviewer: D7UM, 22-Jul-2025 10:47:13 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

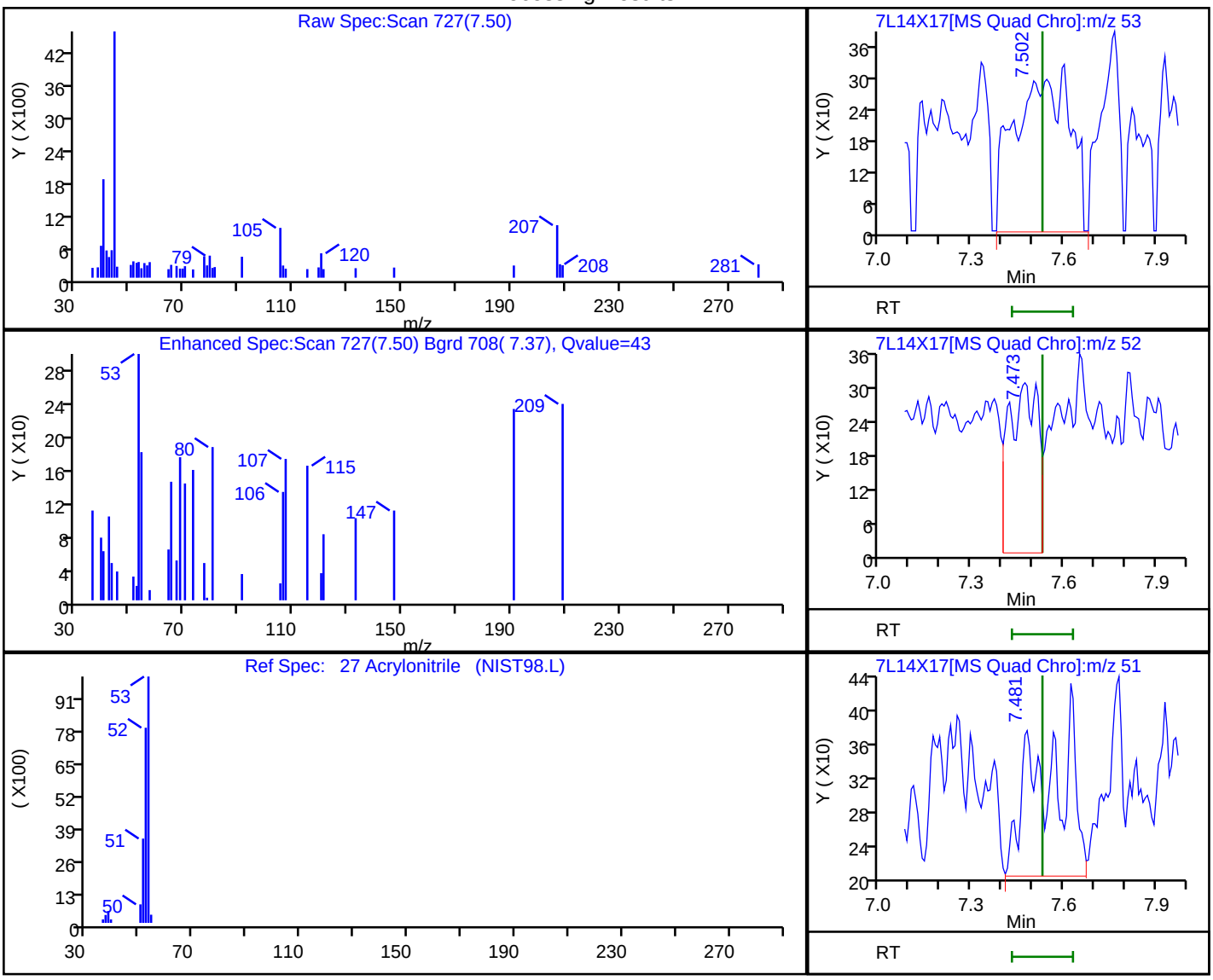
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X17.D				
Injection Date:	14-Jul-2025 22:04:57	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-2	Lab Sample ID:	410-233912-2		
Client ID:	2050				
Operator ID:	jts91224	ALS Bottle#:	12	Worklist Smp#:	43
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

27 Acrylonitrile, CAS: 107-13-1

Processing Results



RT	Mass	Response	Amount
7.50	53.00	3853	0.094146
7.47	52.00	1979	
7.48	51.00	1488	

Reviewer: D7UM, 22-Jul-2025 10:47:54 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2011 Lab Sample ID: 410-233912-3

Matrix: Air Lab File ID: 7L14X18.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.30	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.5	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2011 Lab Sample ID: 410-233912-3

Matrix: Air Lab File ID: 7L14X18.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2011 Lab Sample ID: 410-233912-3

Matrix: Air Lab File ID: 7L14X18.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	0.84	J	1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2011 Lab Sample ID: 410-233912-3

Matrix: Air Lab File ID: 7L14X18.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D
Lims ID: 410-233912-A-3
Client ID: 2011
Sample Type: Client
Inject. Date: 14-Jul-2025 22:42:40 ALS Bottle#: 13 Worklist Smp#: 44
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: CCN9958
Misc. Info.: 410-0153358-015
Operator ID: jts91224 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 10-Aug-2025 19:47:51 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: D7UM Date: 22-Jul-2025 10:48:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.304	3.312	-0.008	67	3387	0.1232	
15 Acrolein	56	6.155	6.148	0.007	34	4625	0.2543	7M
18 Acetone	43	6.377	6.377	0.000	99	169640	2.51	
21 Isopropyl alcohol	45	6.592	6.585	0.007	74	49047	0.8374	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	94	8189	0.2977	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	651050	10.0	
* 51 1,4-Difluorobenzene	114	11.219	11.220	-0.001	94	2436102	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2184989	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:46 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D

Injection Date: 14-Jul-2025 22:42:40 Instrument ID: HP8R004

Lims ID: 410-233912-A-3 Lab Sample ID: 410-233912-3

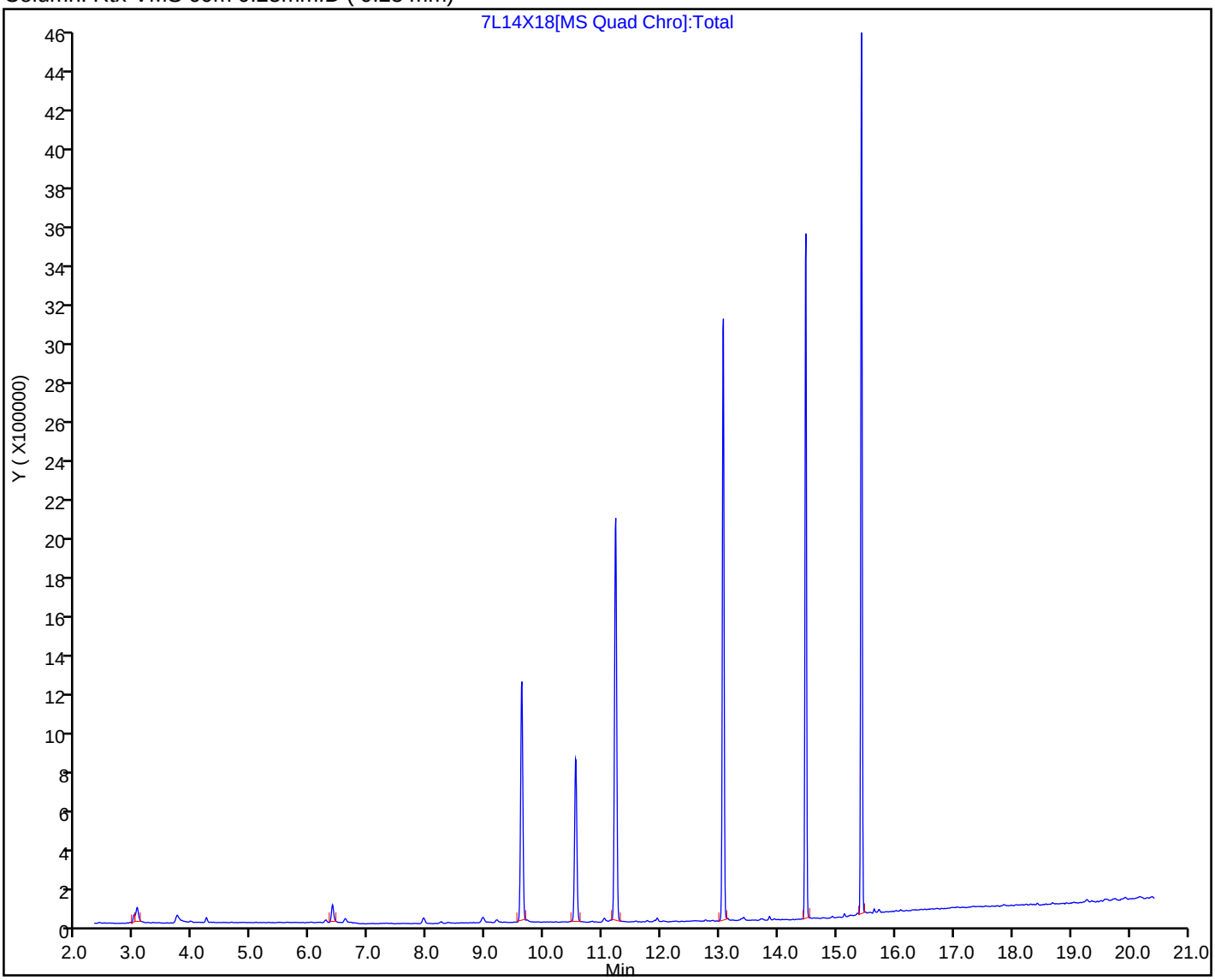
Client ID: 2011

Operator ID: jts91224 ALS Bottle#: 13 Worklist Smp#: 44

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

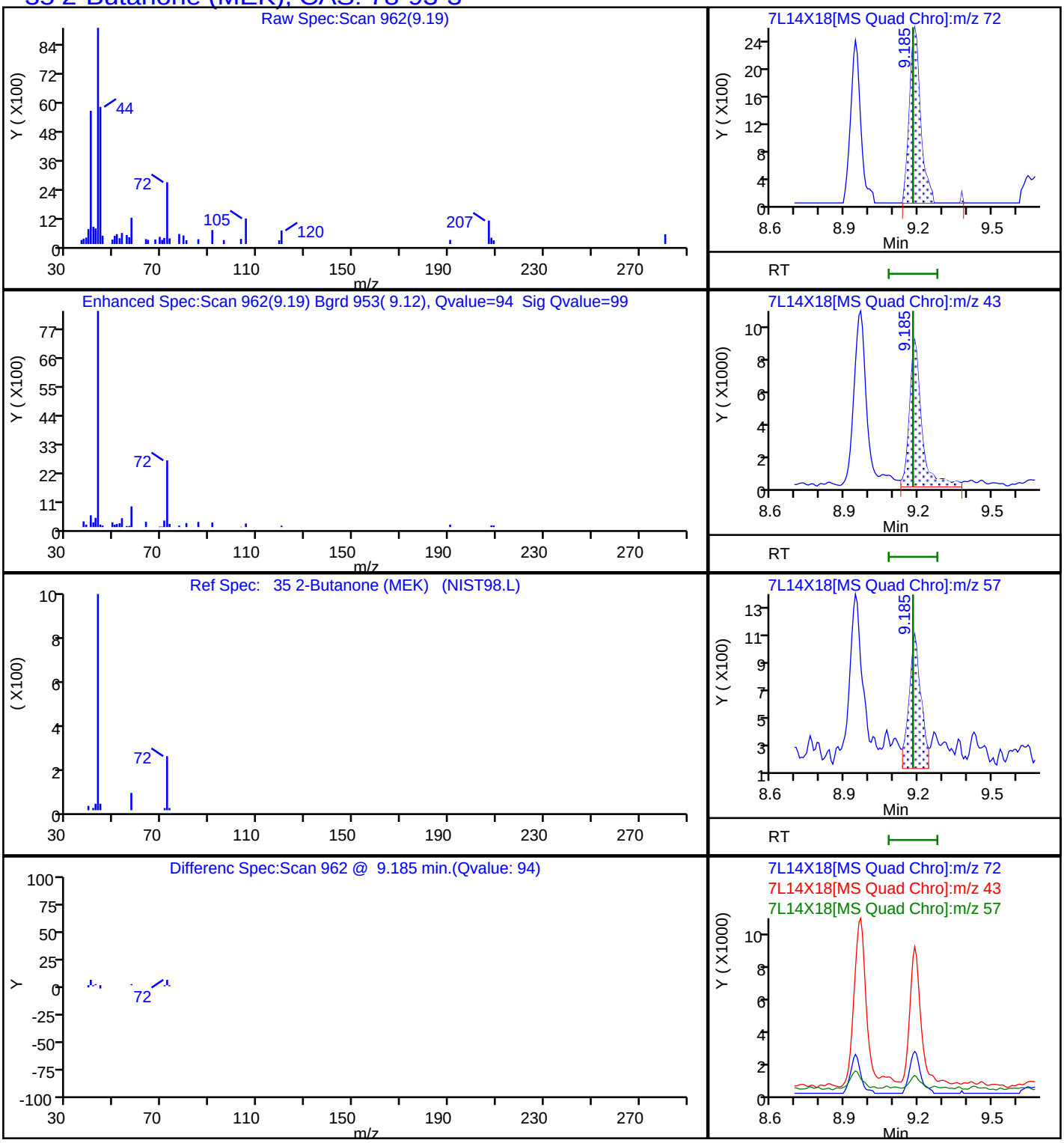


Report Date: 10-Aug-2025 19:48:46 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D				
Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

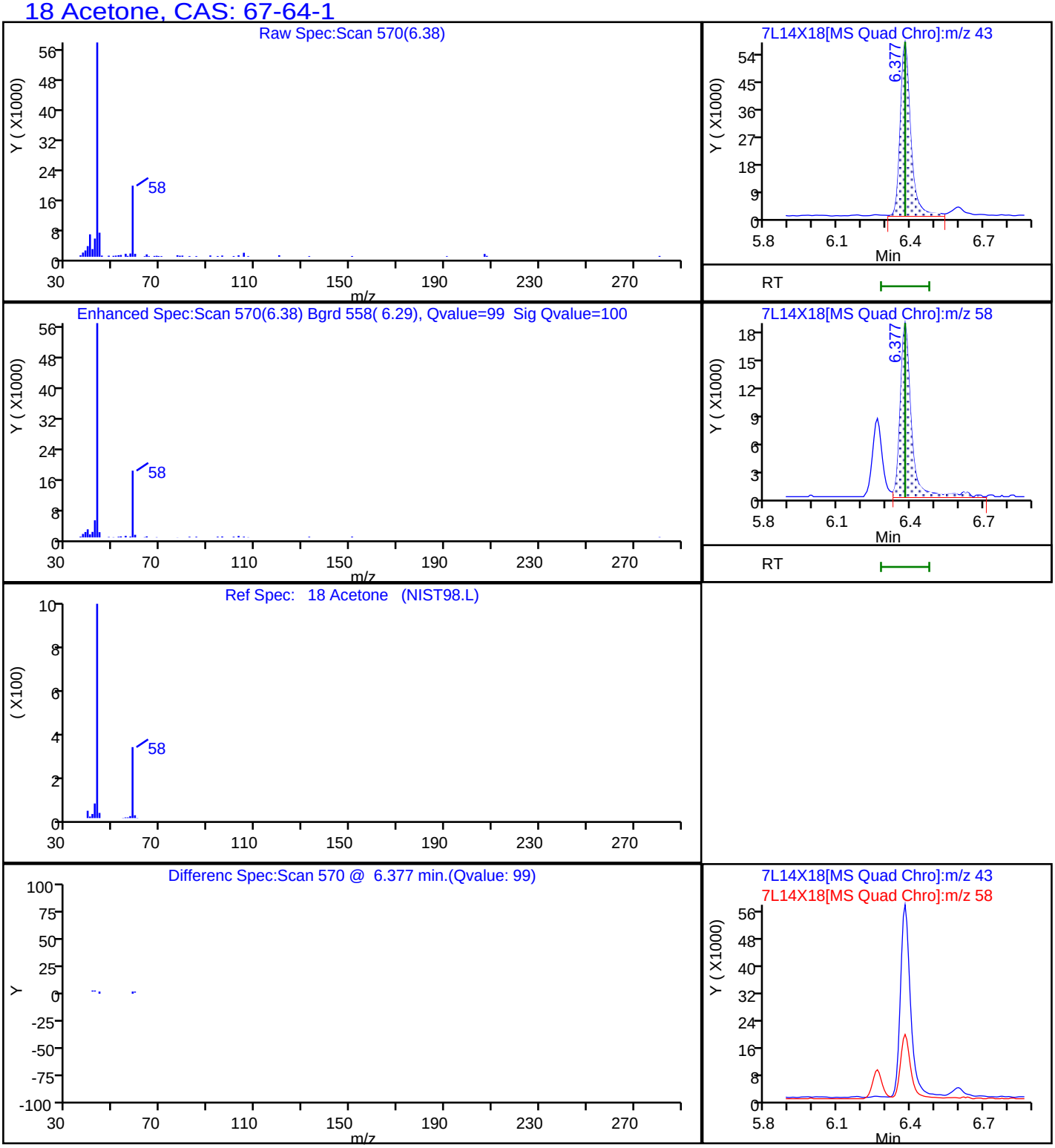


Report Date: 10-Aug-2025 19:48:46 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D				
Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

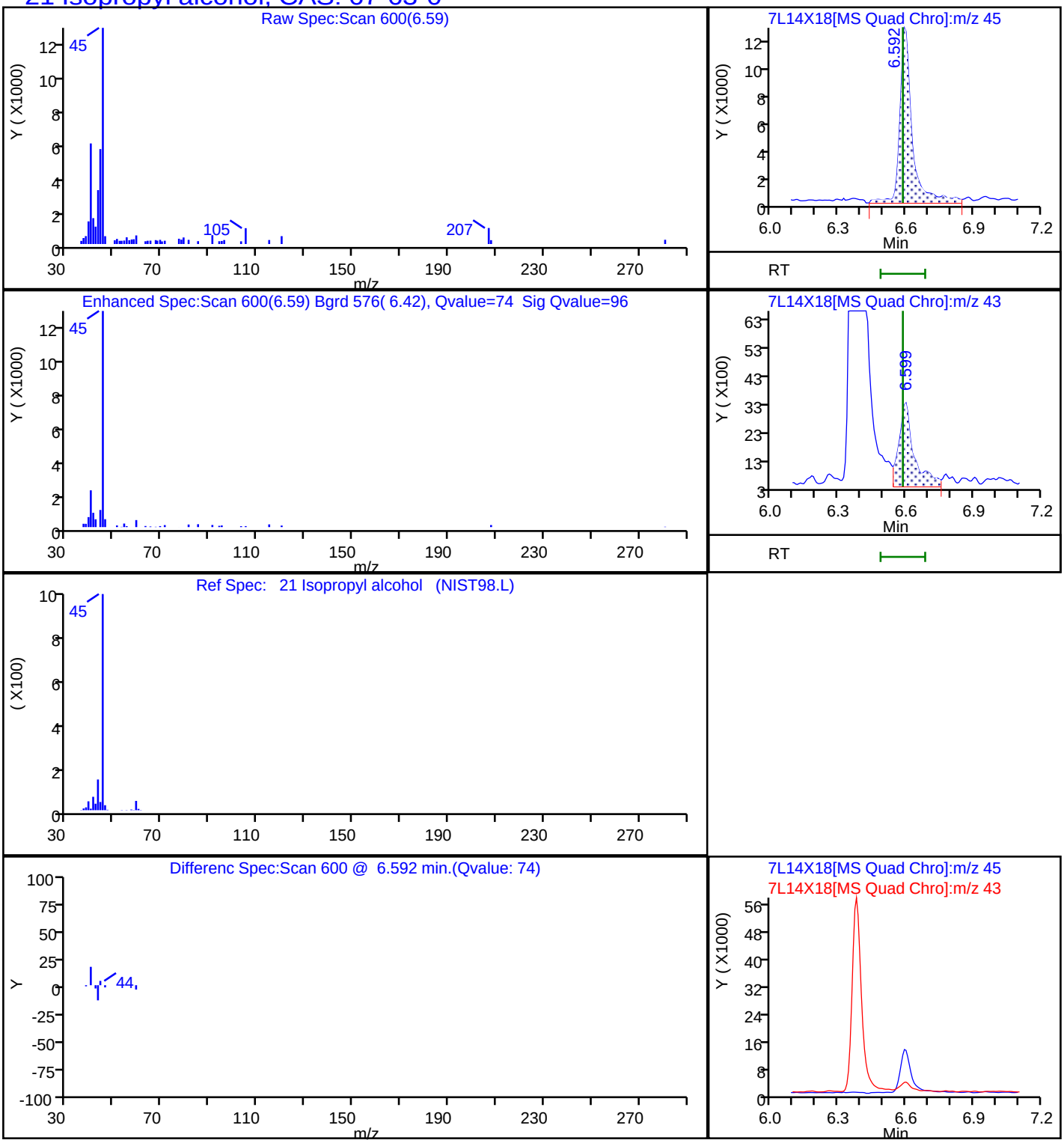


Report Date: 10-Aug-2025 19:48:46 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D				
Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

21 Isopropyl alcohol, CAS: 67-63-0



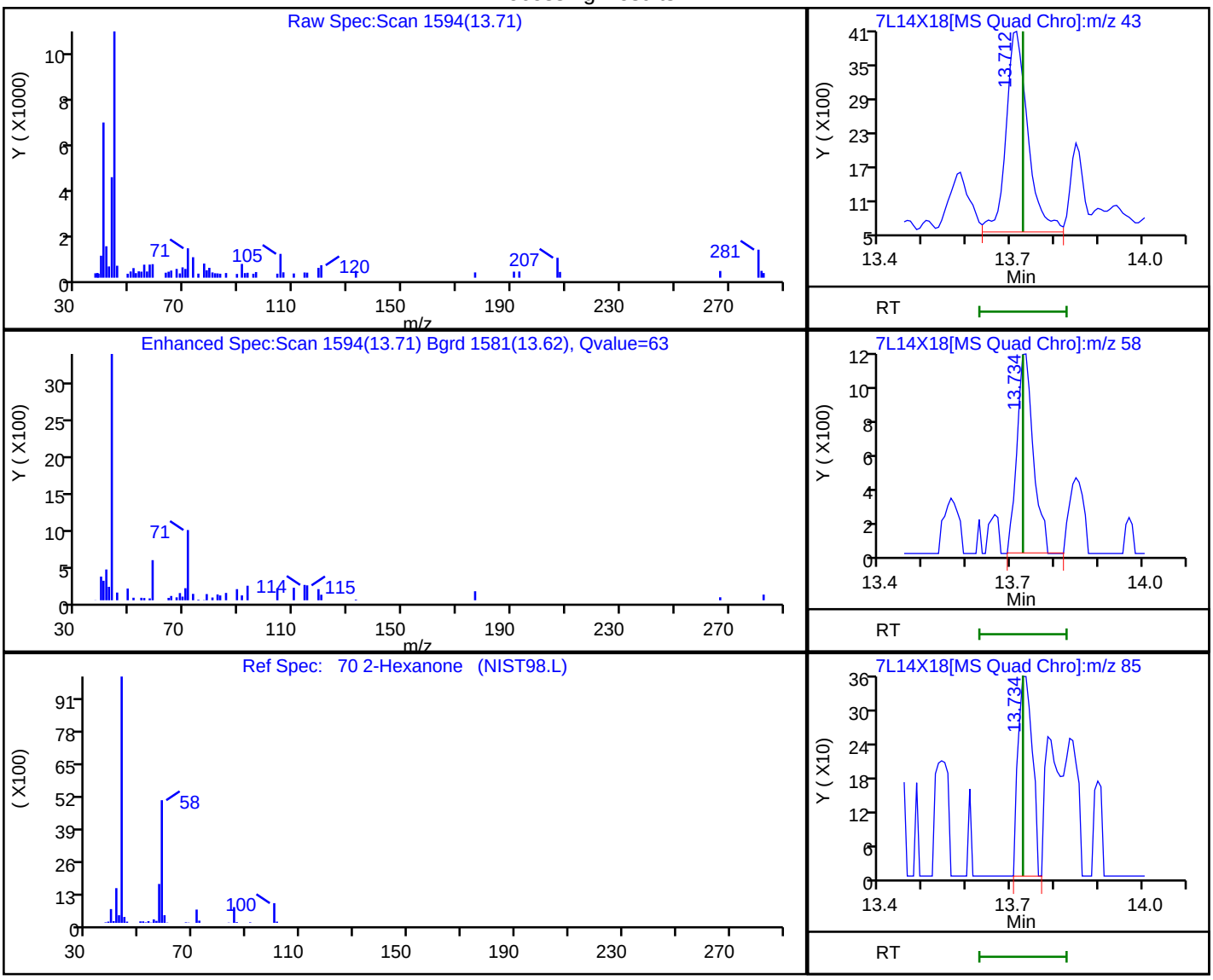
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D				
Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

70 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
13.71	43.00	12301	0.131486
13.73	58.00	2875	
13.73	85.00	805	

Reviewer: D7UM, 22-Jul-2025 10:48:42 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

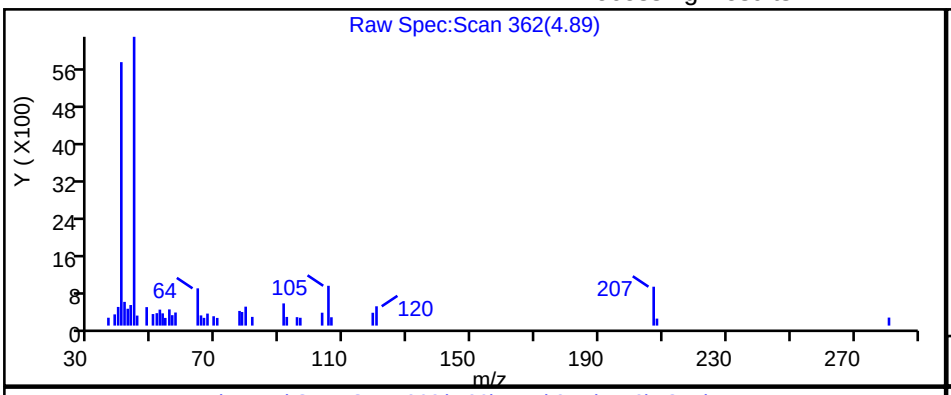
User Disabled Compound Report

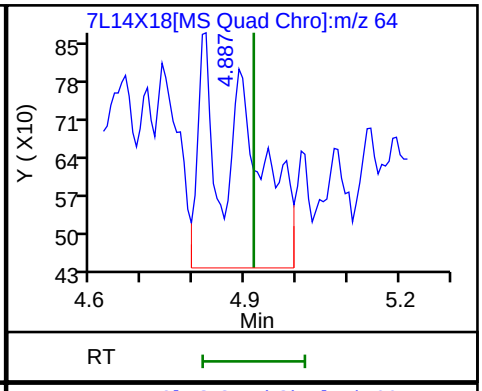
Eurofins Lancaster Laboratories Environment Testing, LLC

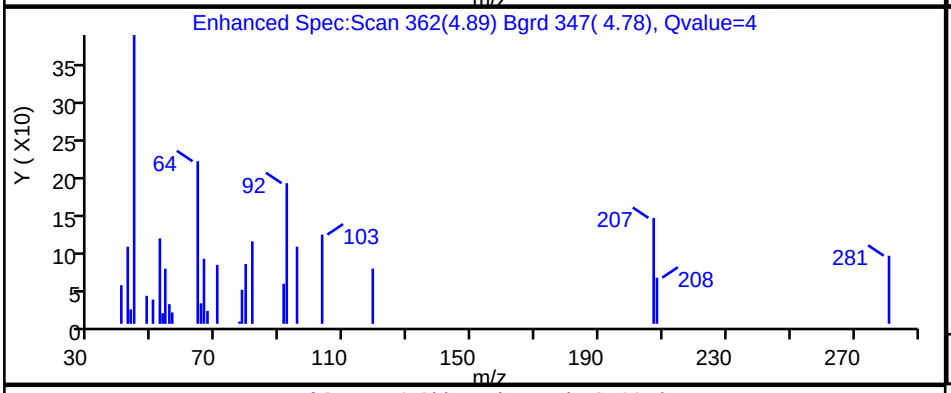
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D				
Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

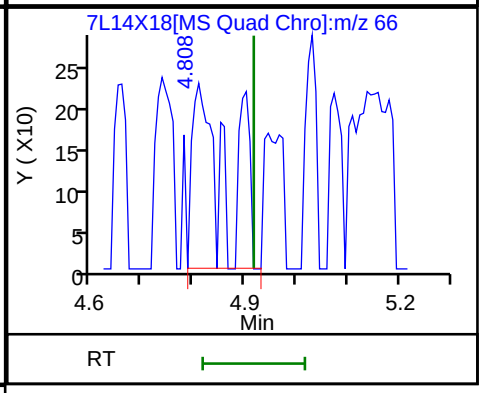
9 Chloroethane, CAS: 75-00-3

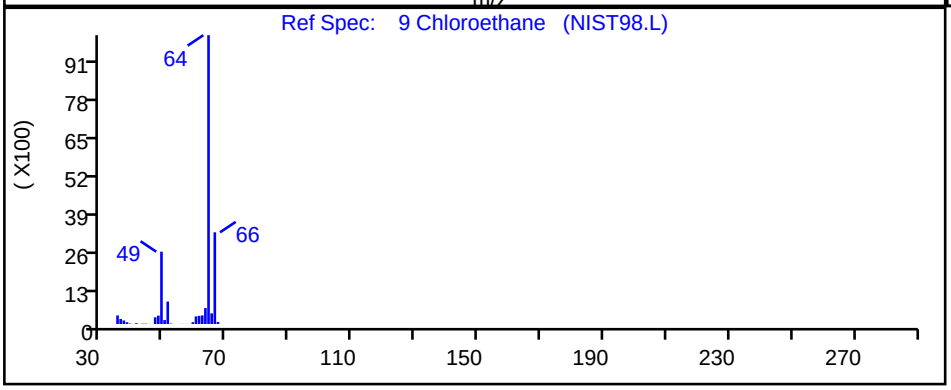
Processing Results











RT	Mass	Response	Amount
4.89	64.00	2575	0.104137
4.81	66.00	1017	

Reviewer: D7UM, 22-Jul-2025 10:49:28 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

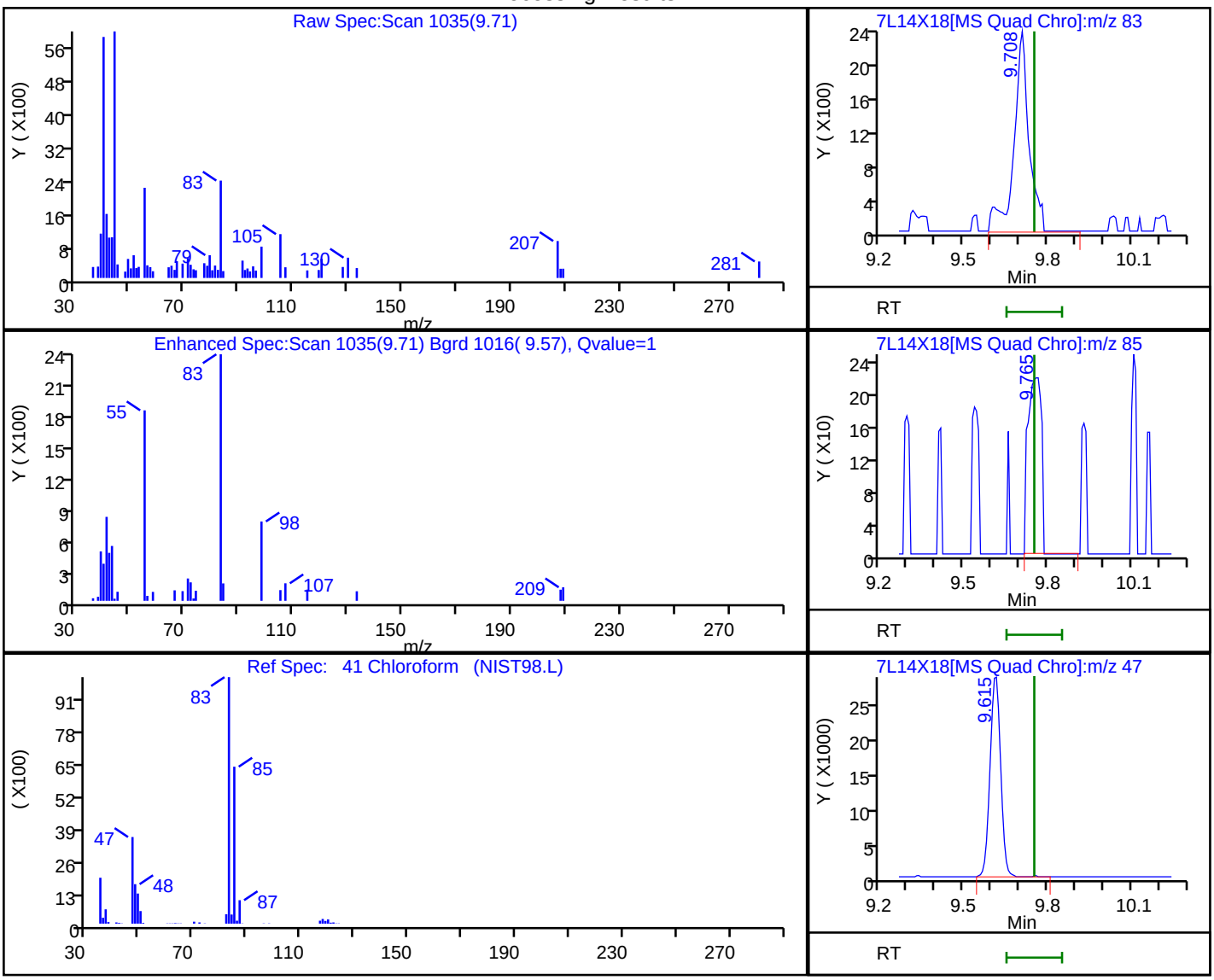
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D				
Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

41 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
9.71	83.00	8845	0.076689
9.77	85.00	734	
9.61	47.00	75648	

Reviewer: D7UM, 22-Jul-2025 10:49:00 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

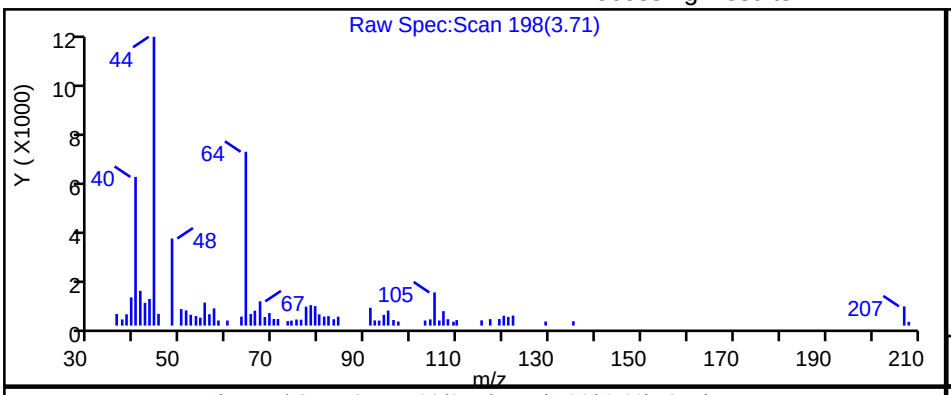
User Disabled Compound Report

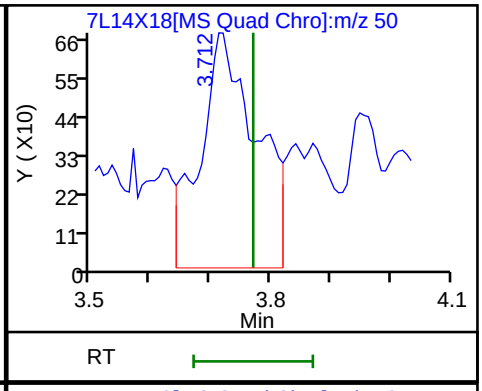
Eurofins Lancaster Laboratories Environment Testing, LLC

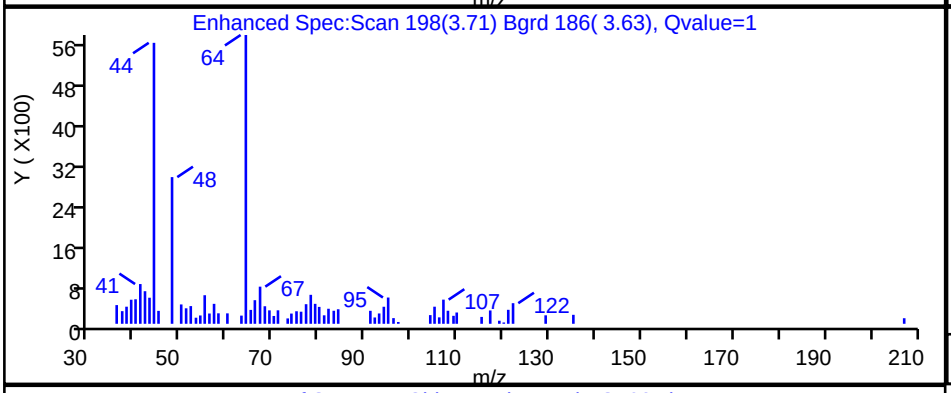
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D				
Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

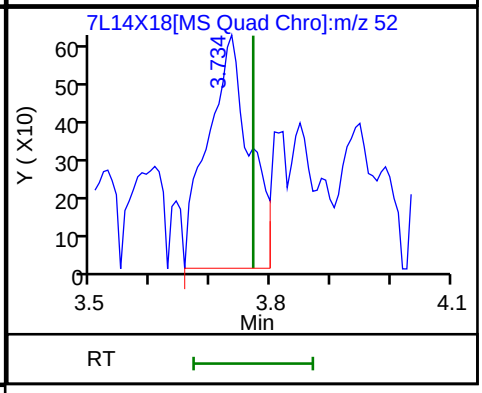
5 Chloromethane, CAS: 74-87-3

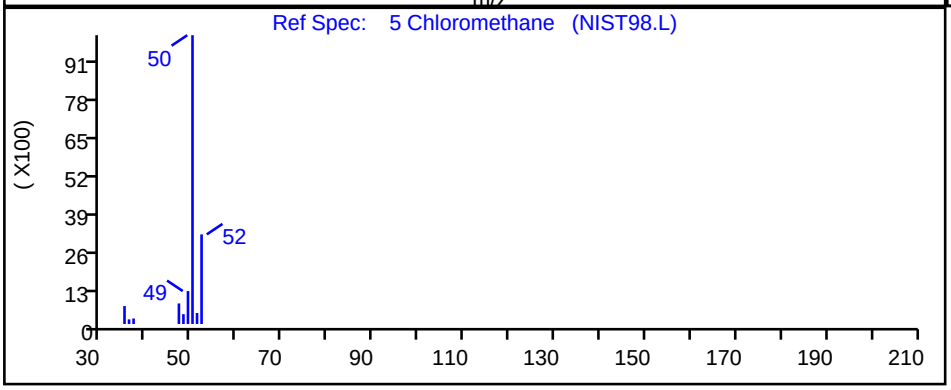
Processing Results











RT	Mass	Response	Amount
3.71	50.00	4400	0.121237
3.73	52.00	3047	

Reviewer: D7UM, 22-Jul-2025 10:49:25 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

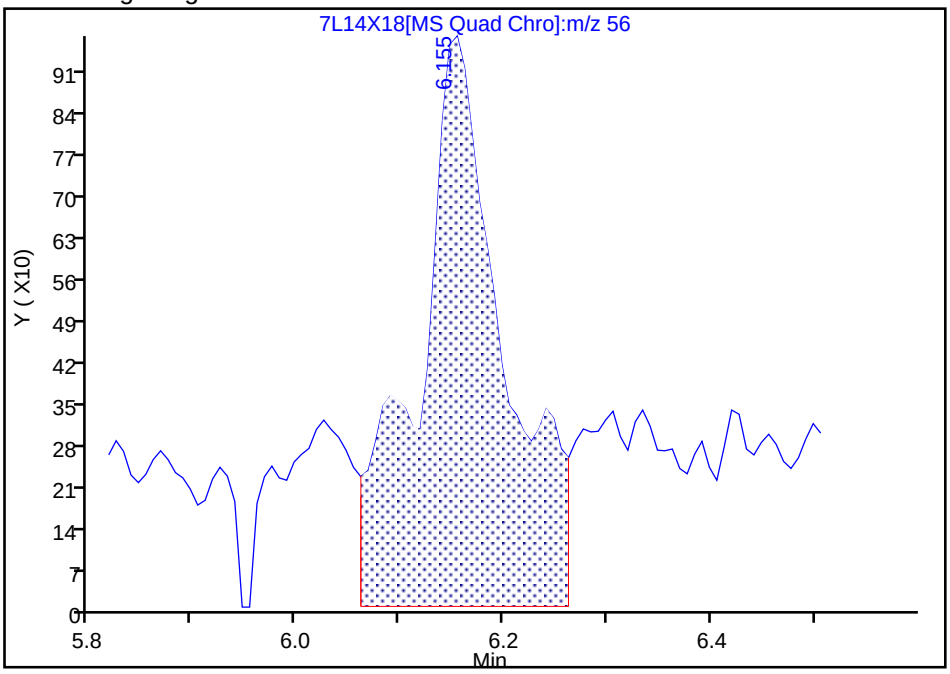
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Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

15 Acrolein, CAS: 107-02-8

Signal: 1

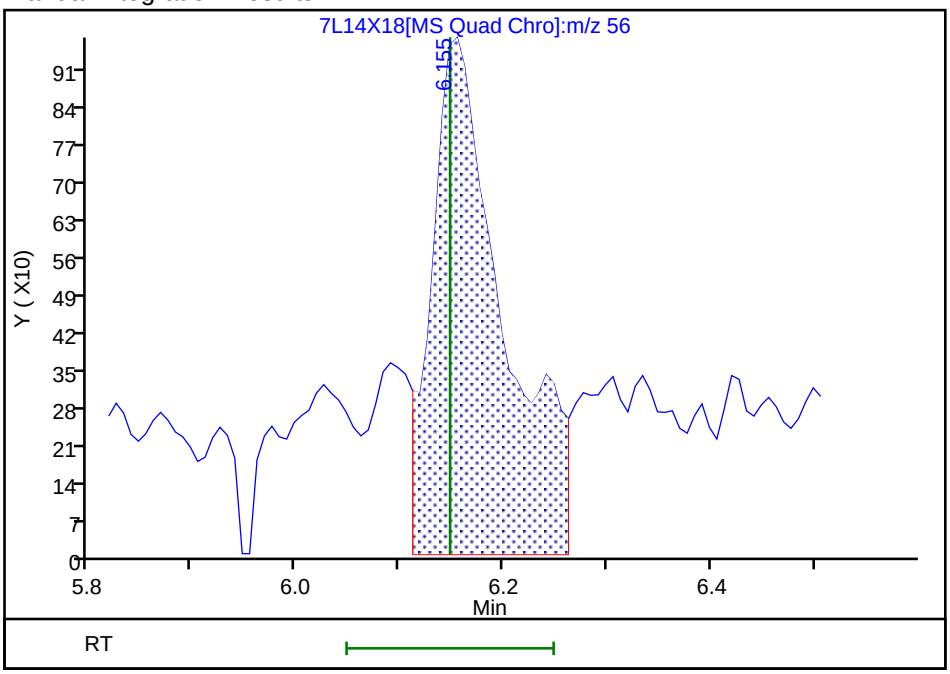
Processing Integration Results

RT: 6.16
Area: 5554
Amount: 0.317977
Amount Units: ppb v/v



Manual Integration Results

RT: 6.16
Area: 4625
Amount: 0.254255
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 10:49:16 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2053 Lab Sample ID: 410-233912-4

Matrix: Air Lab File ID: 7L14X19.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.4	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2053 Lab Sample ID: 410-233912-4

Matrix: Air Lab File ID: 7L14X19.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2053 Lab Sample ID: 410-233912-4

Matrix: Air Lab File ID: 7L14X19.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2053 Lab Sample ID: 410-233912-4

Matrix: Air Lab File ID: 7L14X19.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X19.D				
Lims ID:	410-233912-A-4				
Client ID:	2053				
Sample Type:	Client				
Inject. Date:	14-Jul-2025 23:20:17	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	CCN9933				
Misc. Info.:	410-0153358-016				
Operator ID:	jts91224	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	10-Aug-2025 19:47:51	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1685				
First Level Reviewer: D7UM		Date:	22-Jul-2025 10:51:18		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	6.377	6.377	0.000	99	94668	1.41	
21 Isopropyl alcohol	45	6.599	6.585	0.014	65	21636	0.3706	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	99	5081	0.1853	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	648920	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2437642	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2190979	10.0	

QC Flag Legend

Processing Flags

Reagents:

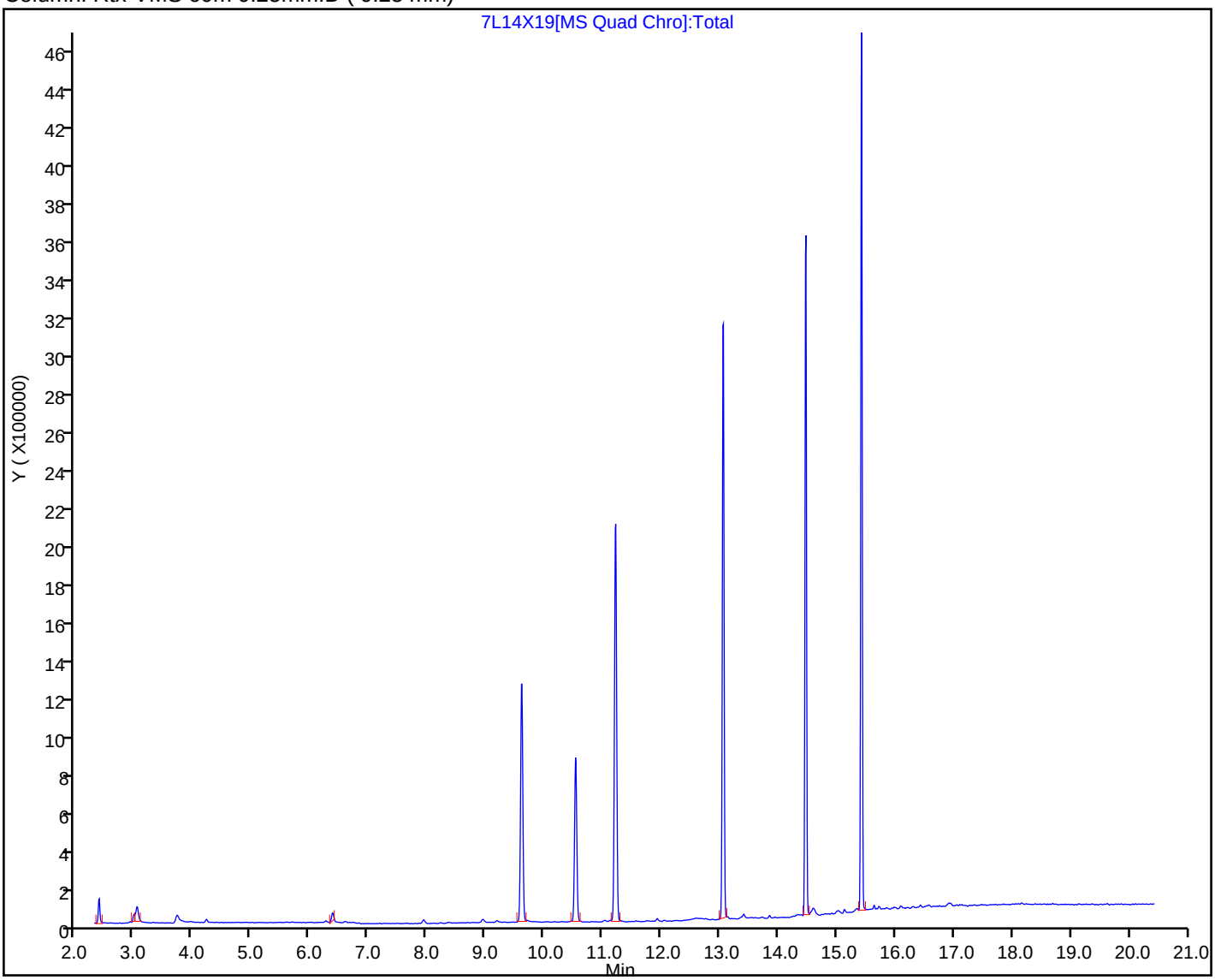
AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:47 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	14-Jul-2025 23:20:17	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-4	Lab Sample ID:	410-233912-4		
Client ID:	2053				
Operator ID:	jts91224	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

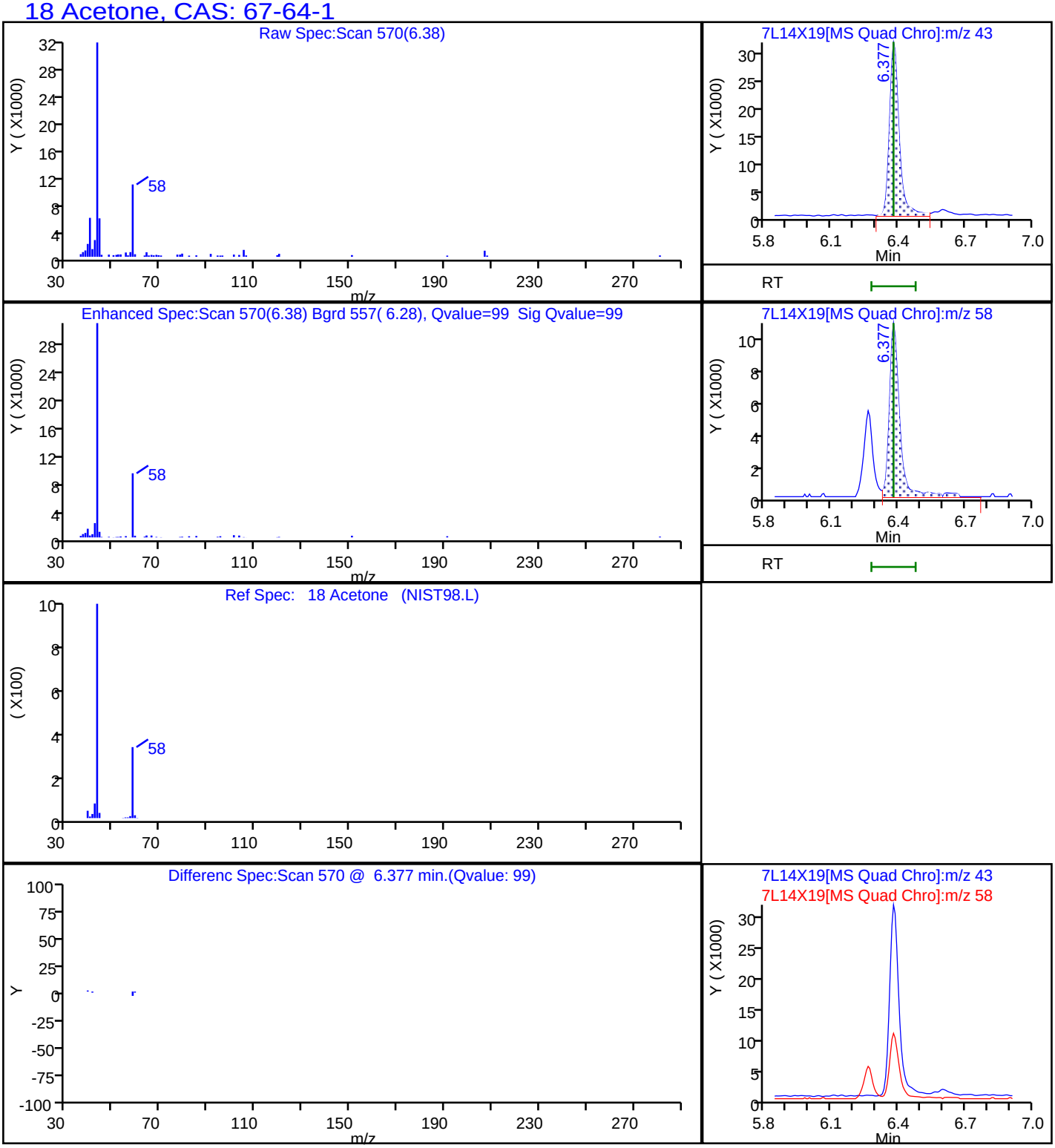


Report Date: 10-Aug-2025 19:48:48 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X19.D				
Injection Date:	14-Jul-2025 23:20:17	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-4	Lab Sample ID:	410-233912-4		
Client ID:	2053				
Operator ID:	jts91224	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1



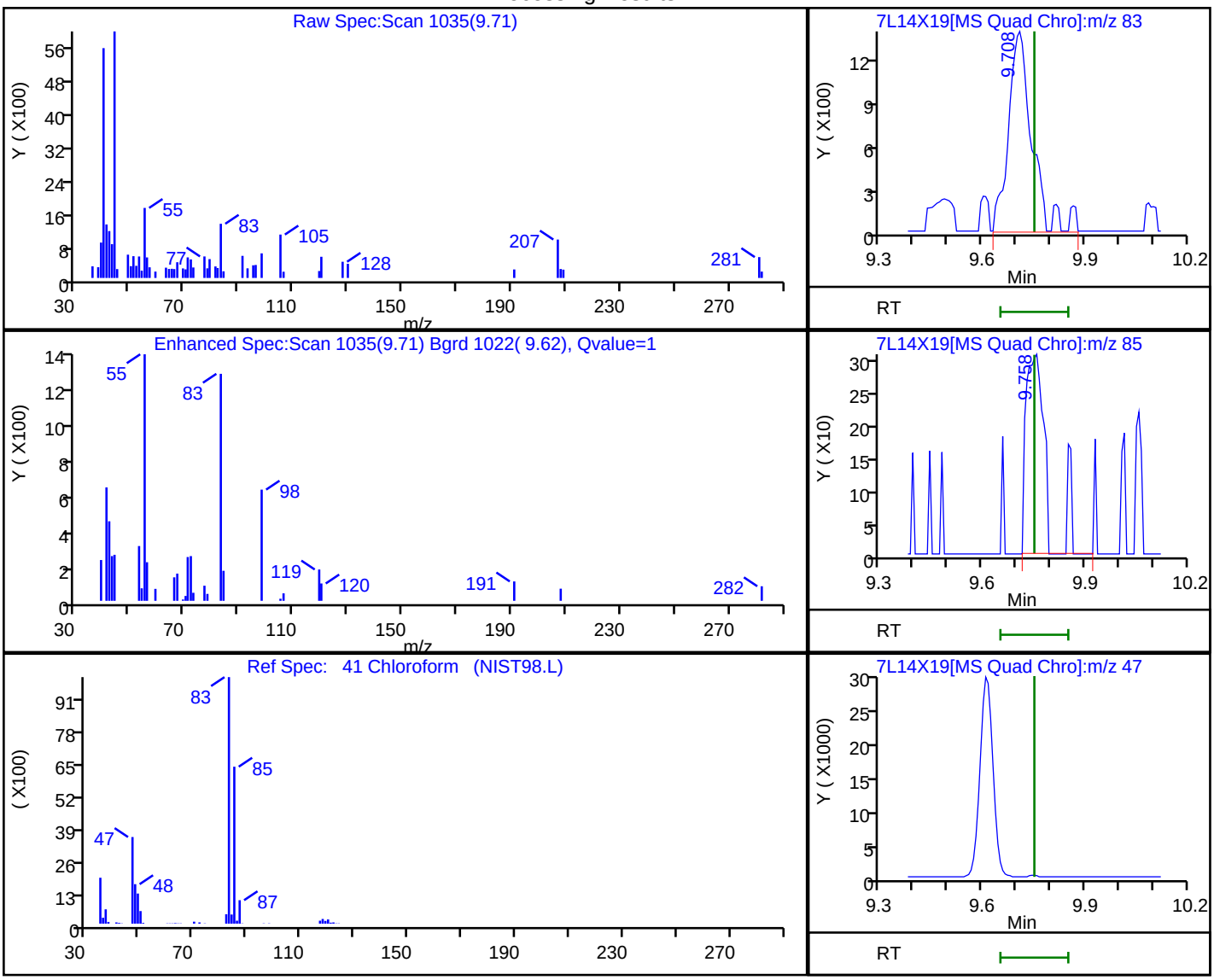
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X19.D				
Injection Date:	14-Jul-2025 23:20:17	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-4	Lab Sample ID:	410-233912-4		
Client ID:	2053				
Operator ID:	jts91224	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

41 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
9.71	83.00	6302	0.054820
9.76	85.00	1215	
9.75	47.00	0	

Reviewer: D7UM, 22-Jul-2025 10:50:23 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

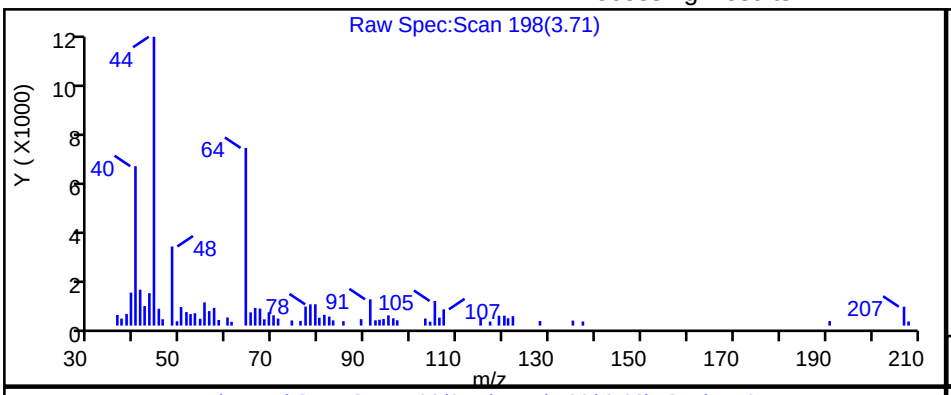
User Disabled Compound Report

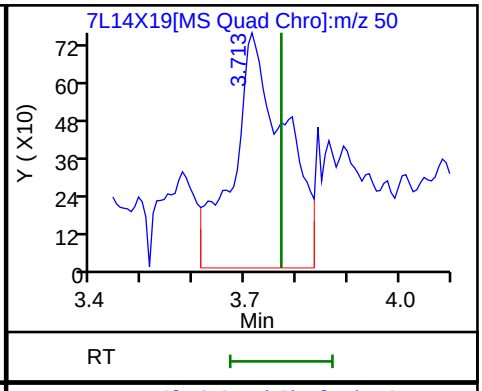
Eurofins Lancaster Laboratories Environment Testing, LLC

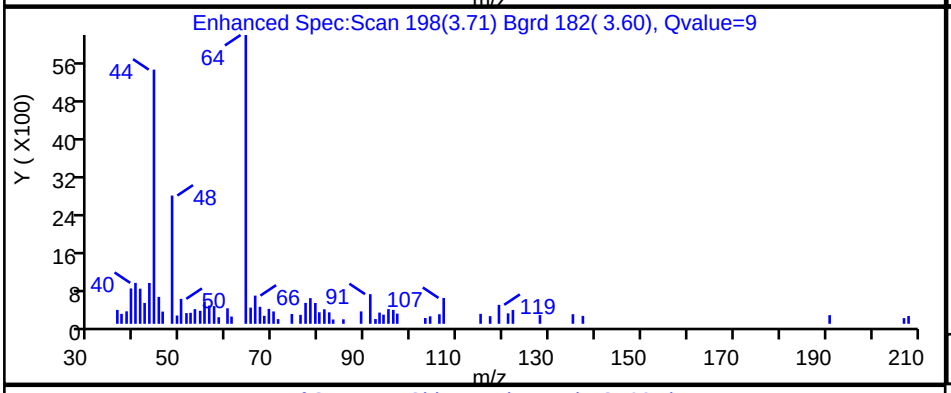
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Injection Date:	14-Jul-2025 23:20:17	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-4	Lab Sample ID:	410-233912-4		
Client ID:	2053				
Operator ID:	jts91224	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

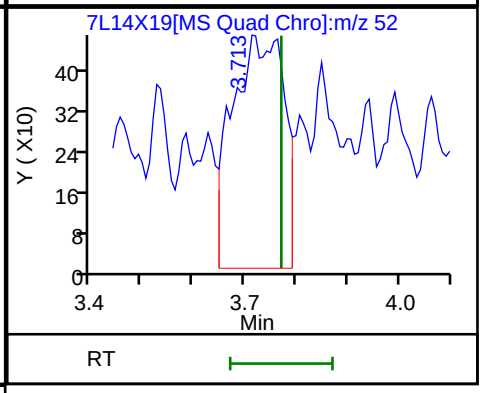
5 Chloromethane, CAS: 74-87-3

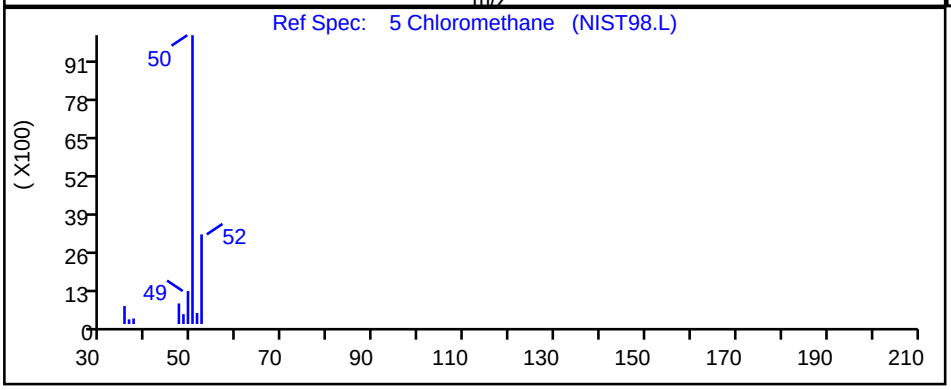
Processing Results











RT	Mass	Response	Amount
3.71	50.00	5253	0.145215
3.71	52.00	3234	

Reviewer: D7UM, 22-Jul-2025 10:50:05 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

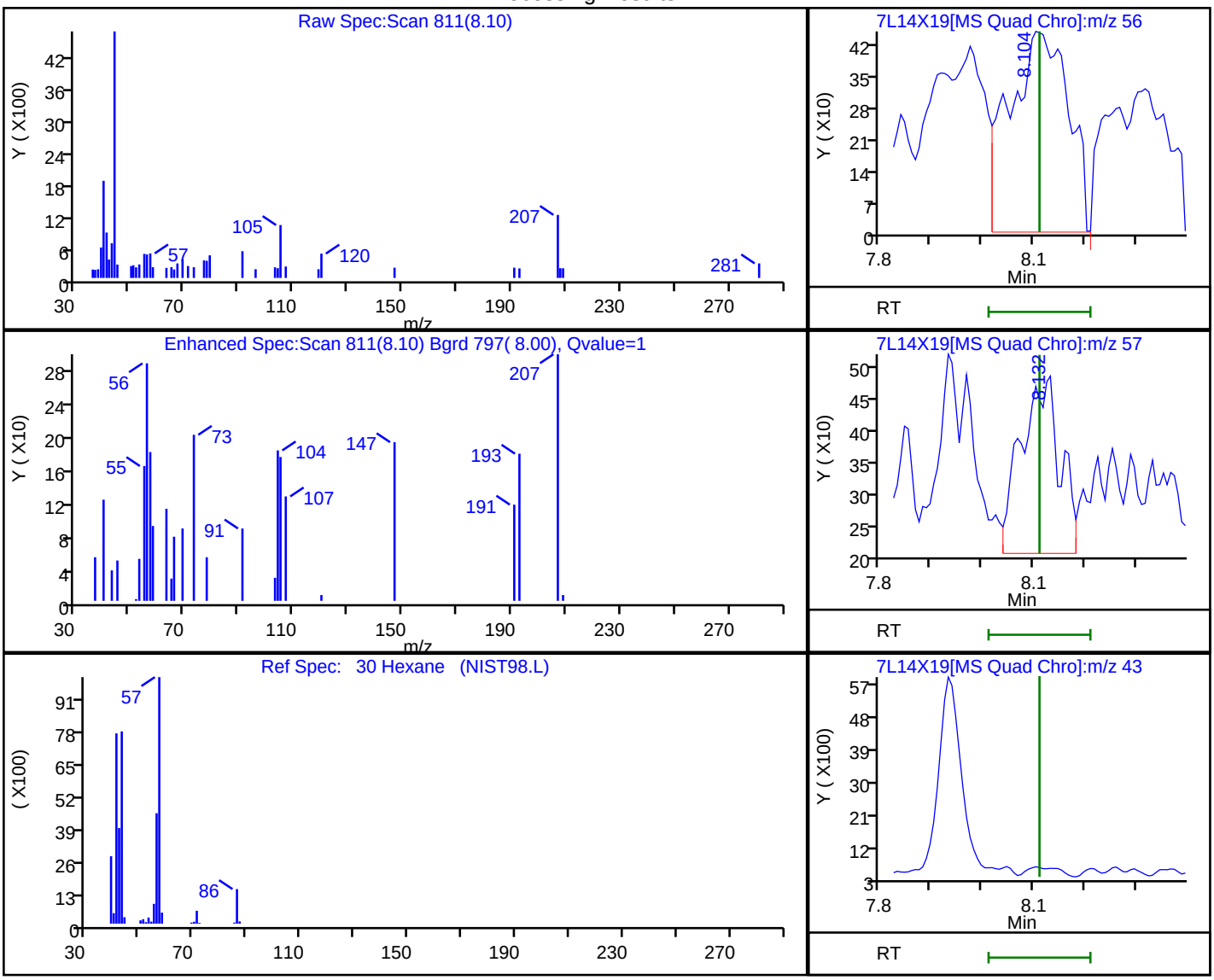
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X19.D				
Injection Date:	14-Jul-2025 23:20:17	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-4	Lab Sample ID:	410-233912-4		
Client ID:	2053				
Operator ID:	jts91224	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

30 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
8.10	56.00	3509	0.085371
8.13	57.00	1467	
8.11	43.00	0	
8.11	86.00	0	

Reviewer: D7UM, 22-Jul-2025 10:50:13 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

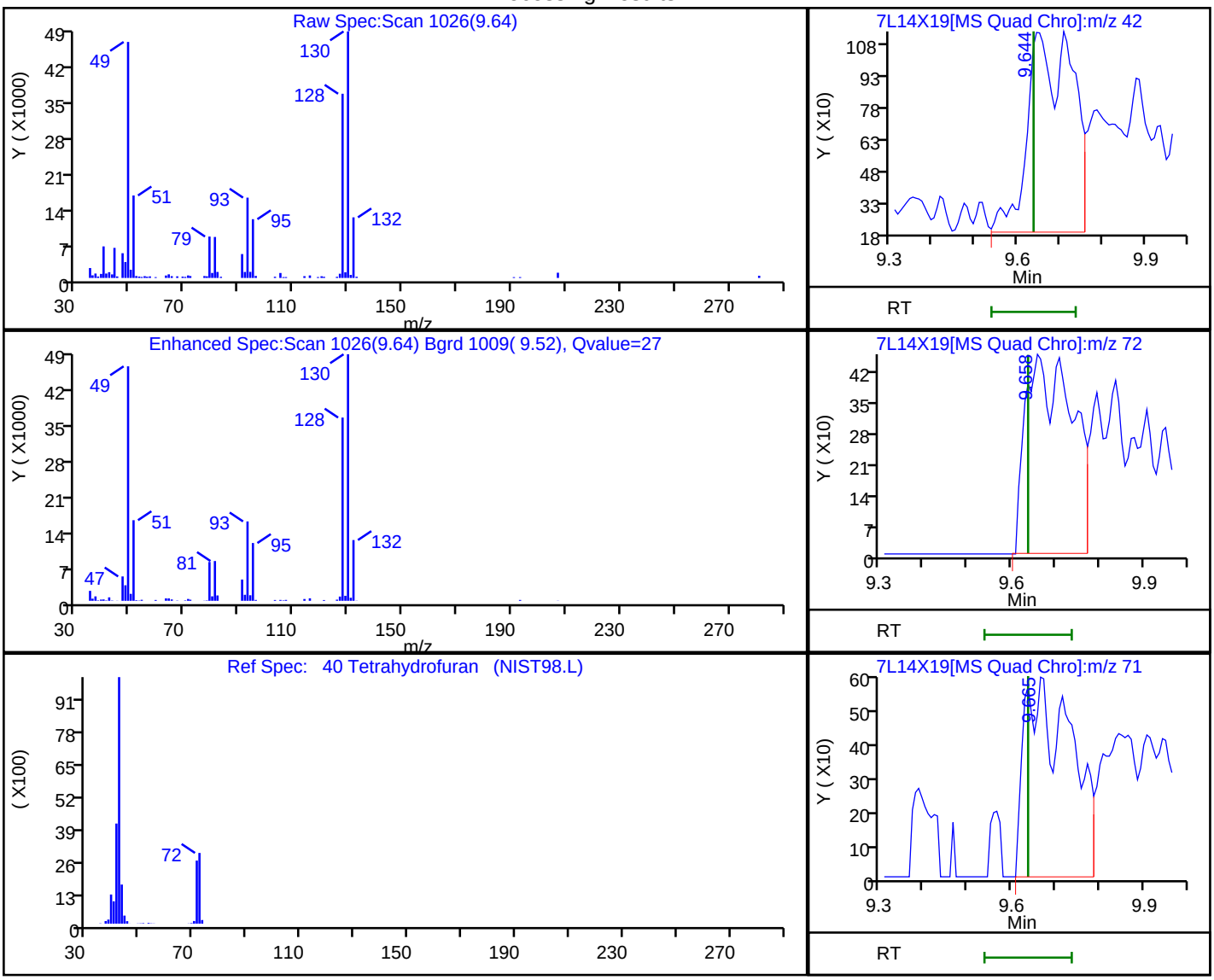
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X19.D				
Injection Date:	14-Jul-2025 23:20:17	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-4	Lab Sample ID:	410-233912-4		
Client ID:	2053				
Operator ID:	jts91224	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.64	42.00	6914	0.127190
9.66	72.00	3376	
9.67	71.00	4380	

Reviewer: D7UM, 22-Jul-2025 10:50:20 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

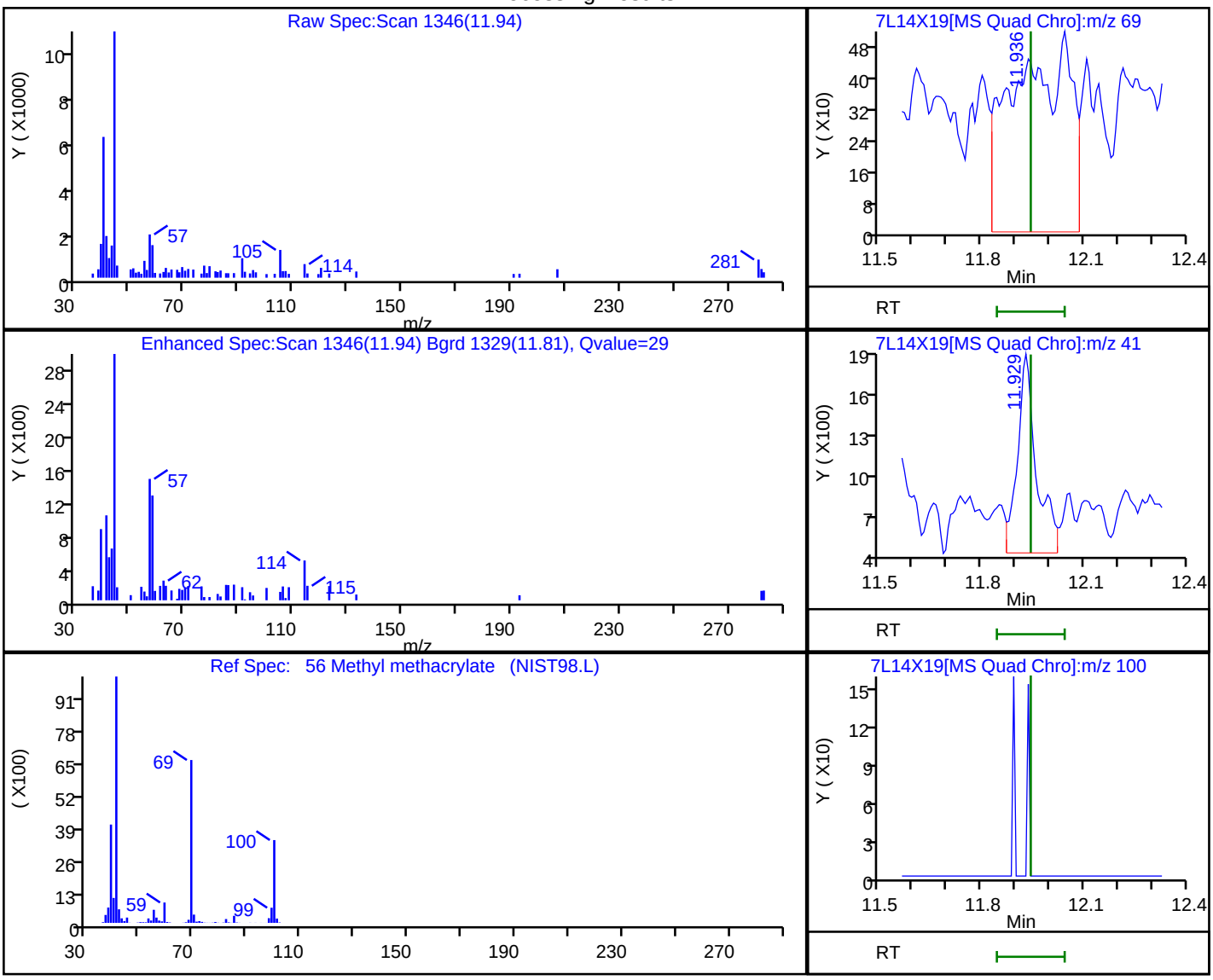
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X19.D				
Injection Date:	14-Jul-2025 23:20:17	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-4	Lab Sample ID:	410-233912-4		
Client ID:	2053				
Operator ID:	jts91224	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

56 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
11.94	69.00	5826	0.094546
11.93	41.00	5484	
11.94	100.00	0	

Reviewer: D7UM, 22-Jul-2025 10:50:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2010 Lab Sample ID: 410-233912-5

Matrix: Air Lab File ID: 7L14X20.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.4	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2010 Lab Sample ID: 410-233912-5

Matrix: Air Lab File ID: 7L14X20.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2010 Lab Sample ID: 410-233912-5

Matrix: Air Lab File ID: 7L14X20.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	0.69	J	1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2010 Lab Sample ID: 410-233912-5

Matrix: Air Lab File ID: 7L14X20.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D				
Lims ID:	410-233912-A-5				
Client ID:	2010				
Sample Type:	Client				
Inject. Date:	14-Jul-2025 23:57:23	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	CCN9940				
Misc. Info.:	410-0153358-017				
Operator ID:	jts91224	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	10-Aug-2025 19:47:51	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1685				
First Level Reviewer: D7UM		Date:	22-Jul-2025 10:53:04		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
15 Acrolein	56	6.162	6.148	0.014	67	3602	0.1972	7M
18 Acetone	43	6.377	6.377	0.000	100	94574	1.40	
21 Isopropyl alcohol	45	6.592	6.585	0.007	98	40326	0.6858	
35 2-Butanone (MEK)	72	9.192	9.178	0.014	95	5311	0.1923	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	653666	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2433538	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2172176	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:50 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D

Injection Date: 14-Jul-2025 23:57:23 Instrument ID: HP8R004

Lims ID: 410-233912-A-5 Lab Sample ID: 410-233912-5

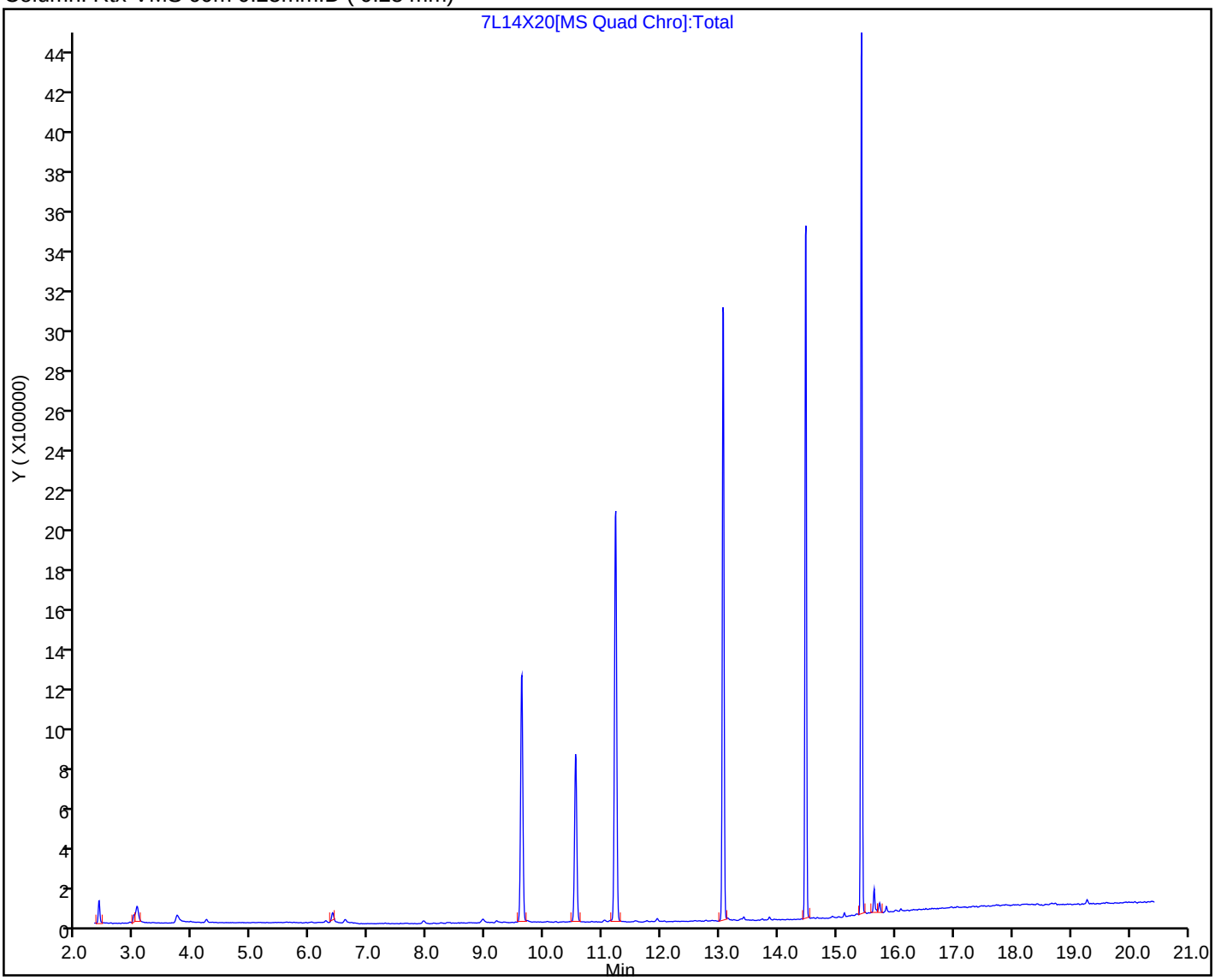
Client ID: 2010

Operator ID: jts91224 ALS Bottle#: 15 Worklist Smp#: 46

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

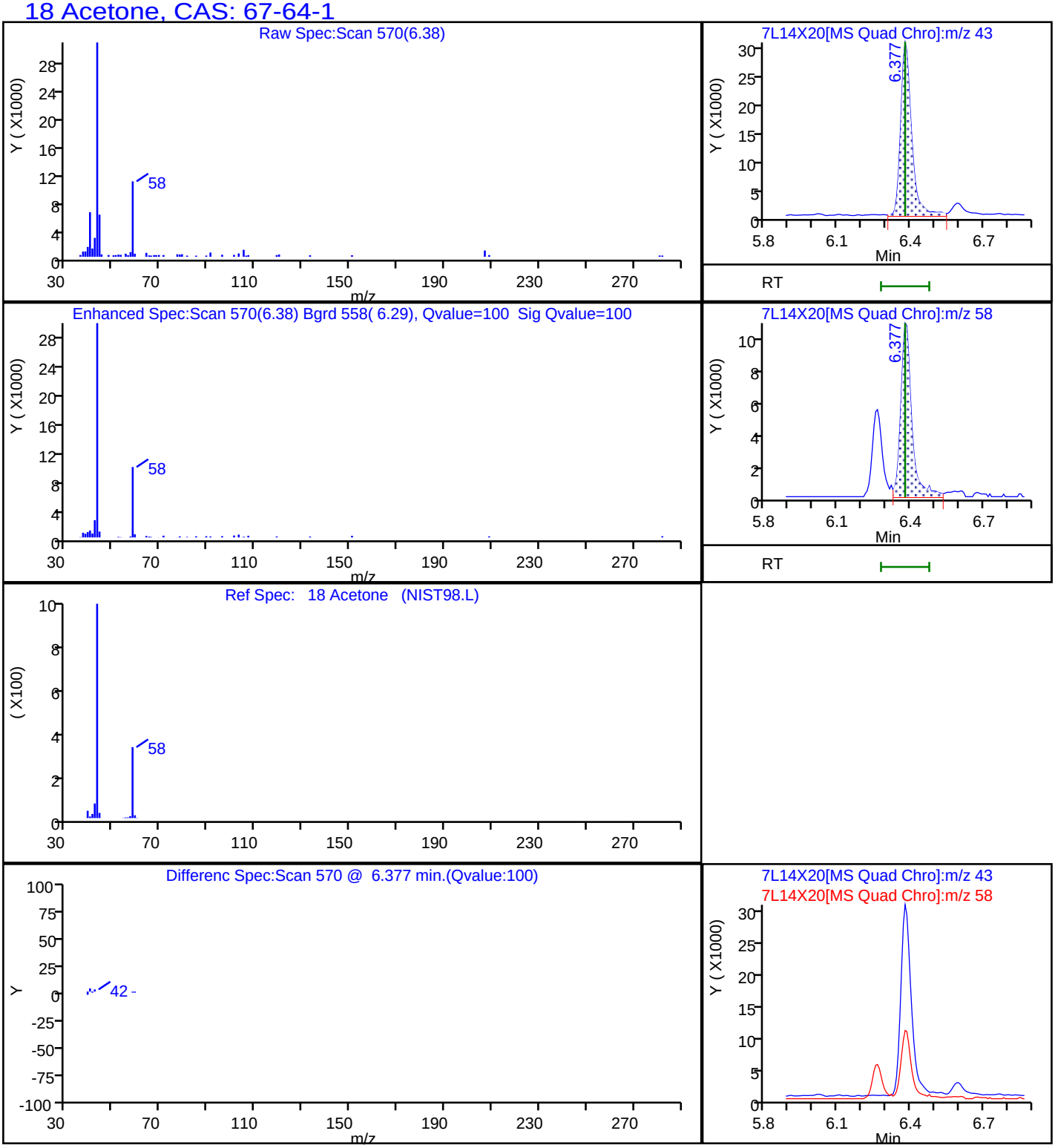


Report Date: 10-Aug-2025 19:48:50 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D				
Injection Date:	14-Jul-2025 23:57:23	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-5	Lab Sample ID:	410-233912-5		
Client ID:	2010				
Operator ID:	jts91224	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

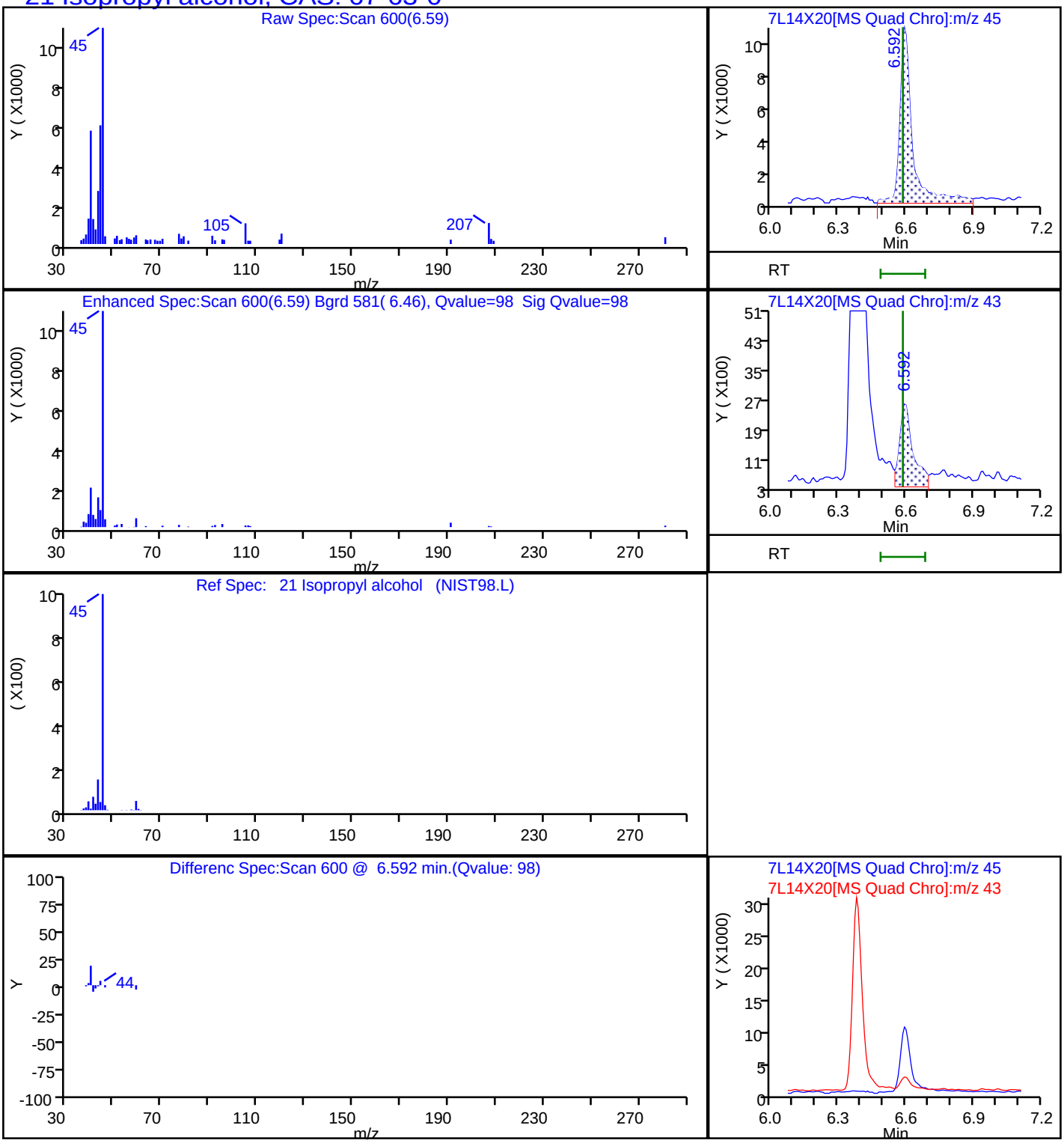


Report Date: 10-Aug-2025 19:48:50 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D				
Injection Date:	14-Jul-2025 23:57:23	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-5	Lab Sample ID:	410-233912-5		
Client ID:	2010				
Operator ID:	jts91224	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

21 Isopropyl alcohol, CAS: 67-63-0



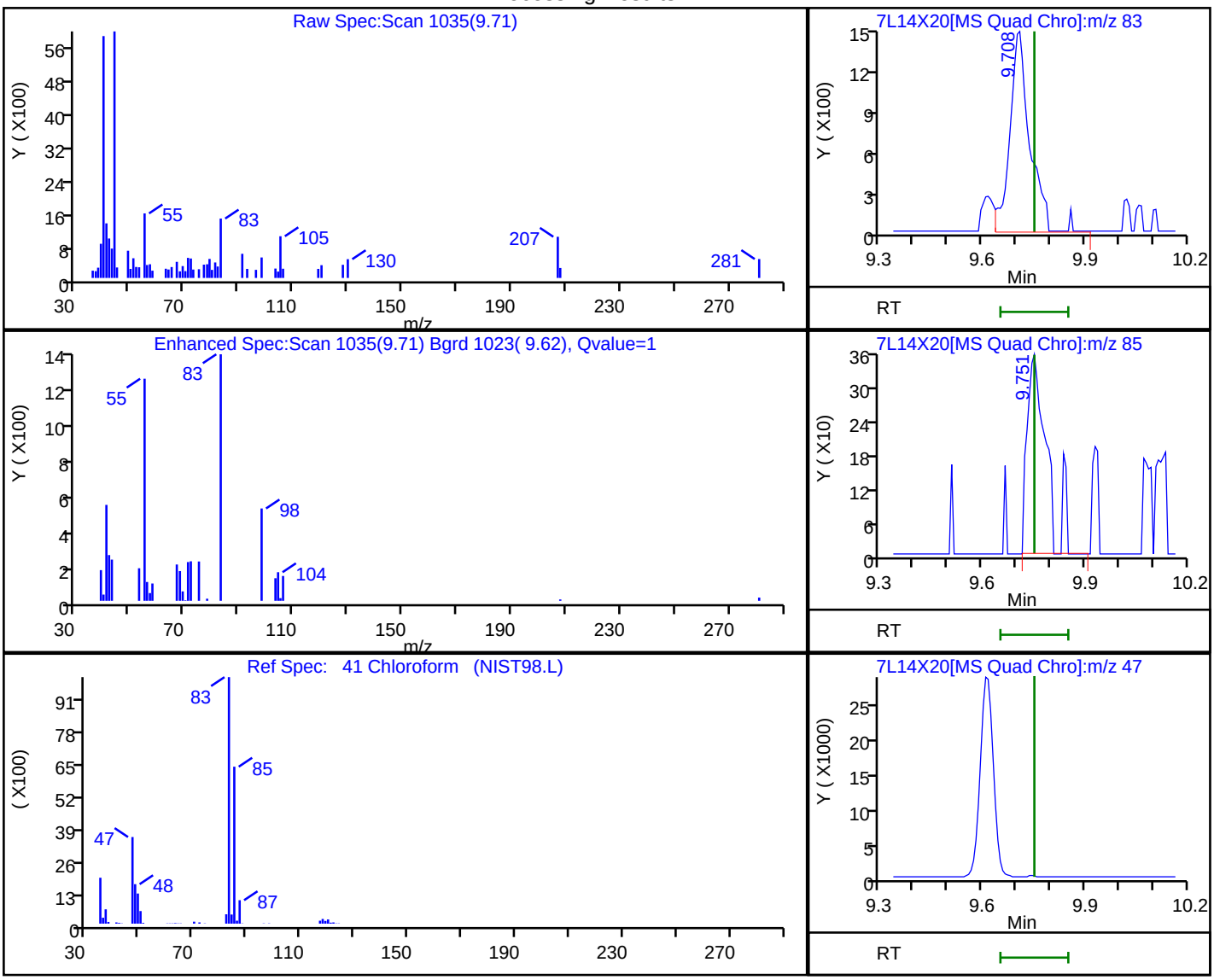
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D				
Injection Date:	14-Jul-2025 23:57:23	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-5	Lab Sample ID:	410-233912-5		
Client ID:	2010				
Operator ID:	jts91224	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

41 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
9.71	83.00	5710	0.049310
9.75	85.00	1410	
9.75	47.00	0	

Reviewer: D7UM, 22-Jul-2025 10:52:02 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

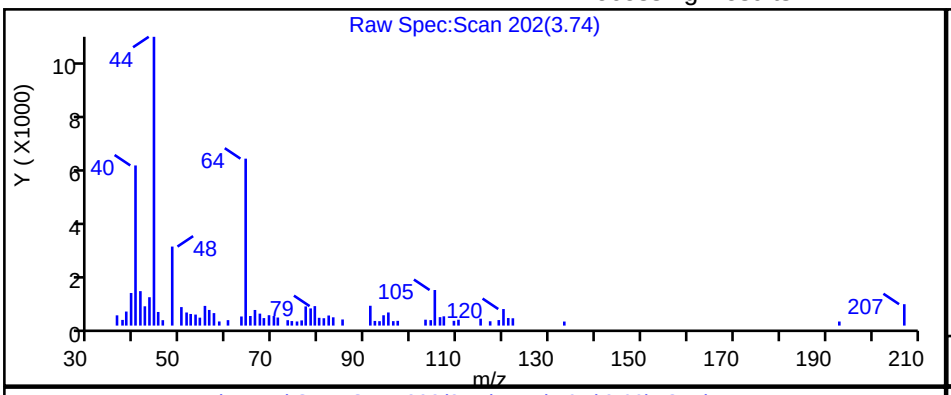
User Disabled Compound Report

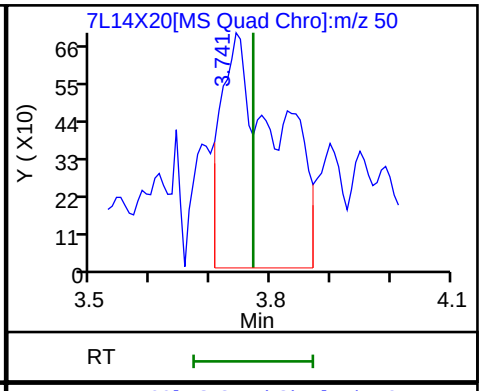
Eurofins Lancaster Laboratories Environment Testing, LLC

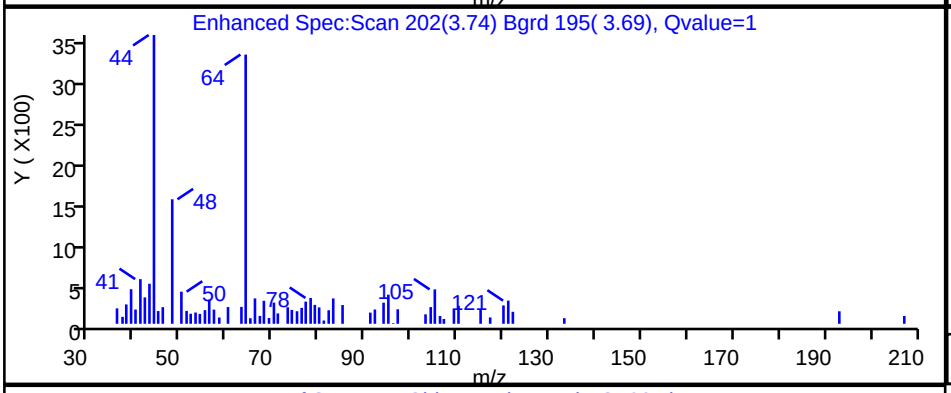
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Injection Date:	14-Jul-2025 23:57:23	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-5	Lab Sample ID:	410-233912-5		
Client ID:	2010				
Operator ID:	jts91224	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

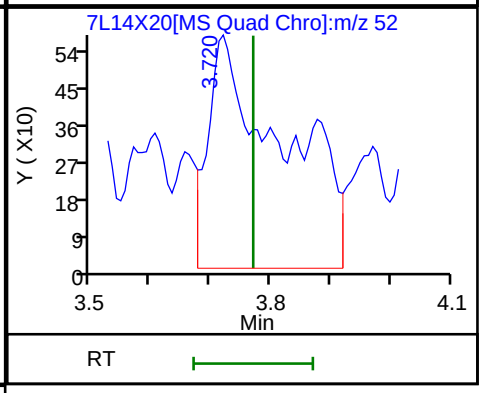
5 Chloromethane, CAS: 74-87-3

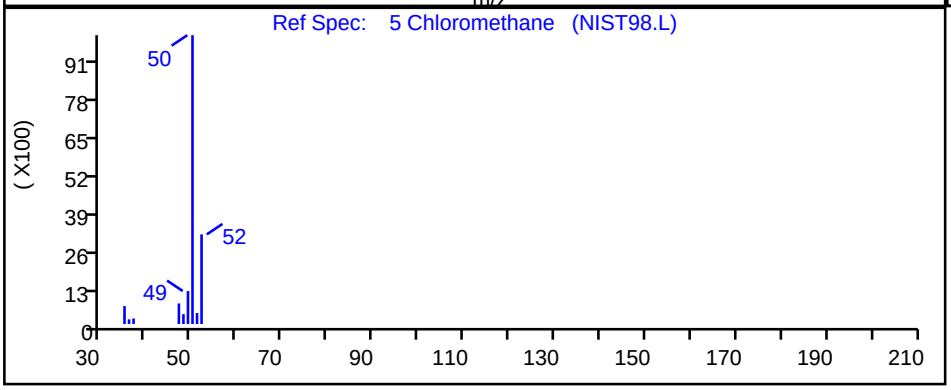
Processing Results











RT	Mass	Response	Amount
3.74	50.00	4522	0.124100
3.72	52.00	5046	

Reviewer: D7UM, 22-Jul-2025 10:51:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

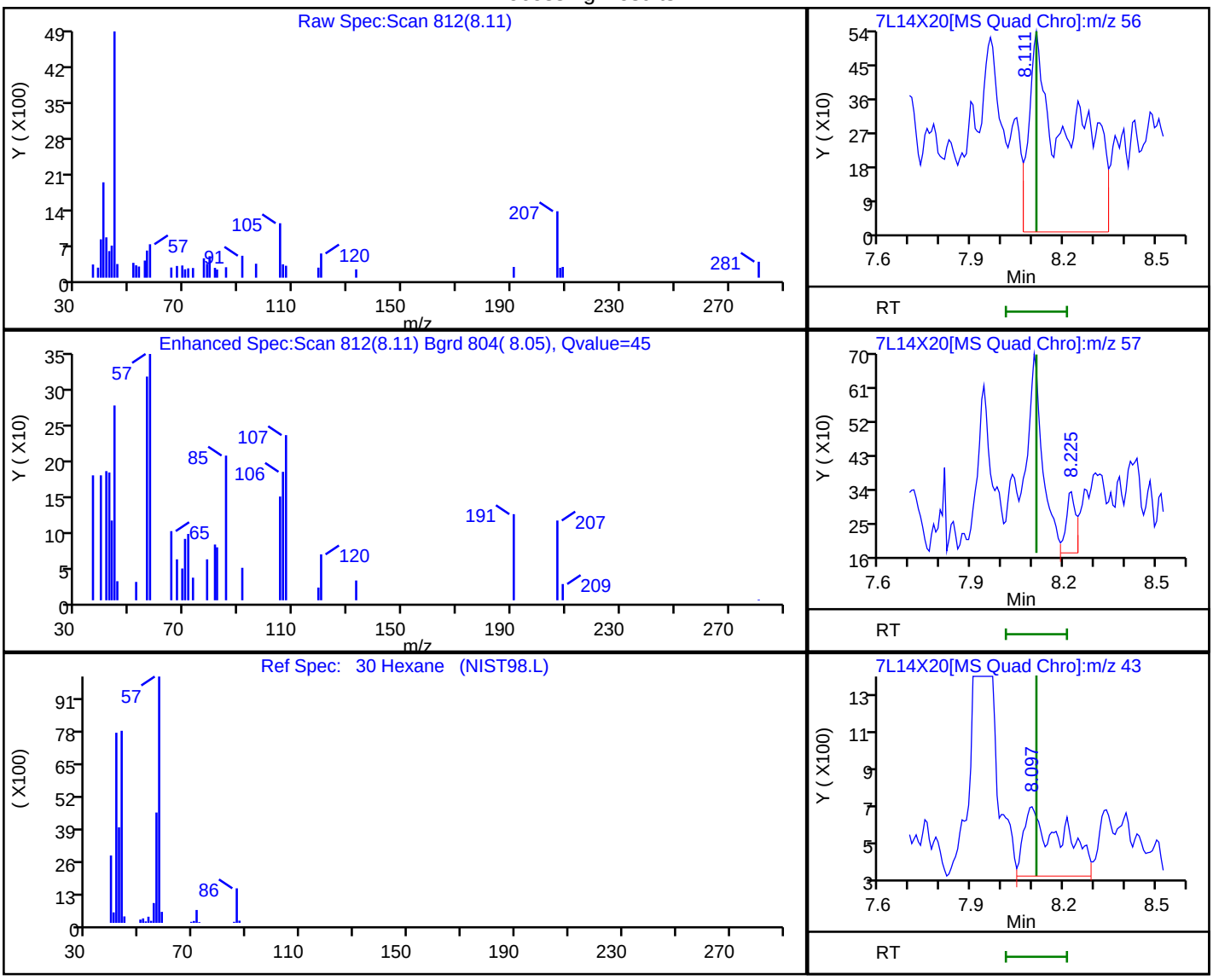
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D				
Injection Date:	14-Jul-2025 23:57:23	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-5	Lab Sample ID:	410-233912-5		
Client ID:	2010				
Operator ID:	jts91224	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

30 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
8.11	56.00	4914	0.118685
8.23	57.00	349	
8.10	43.00	3098	
8.11	86.00	0	

Reviewer: D7UM, 22-Jul-2025 10:51:55 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

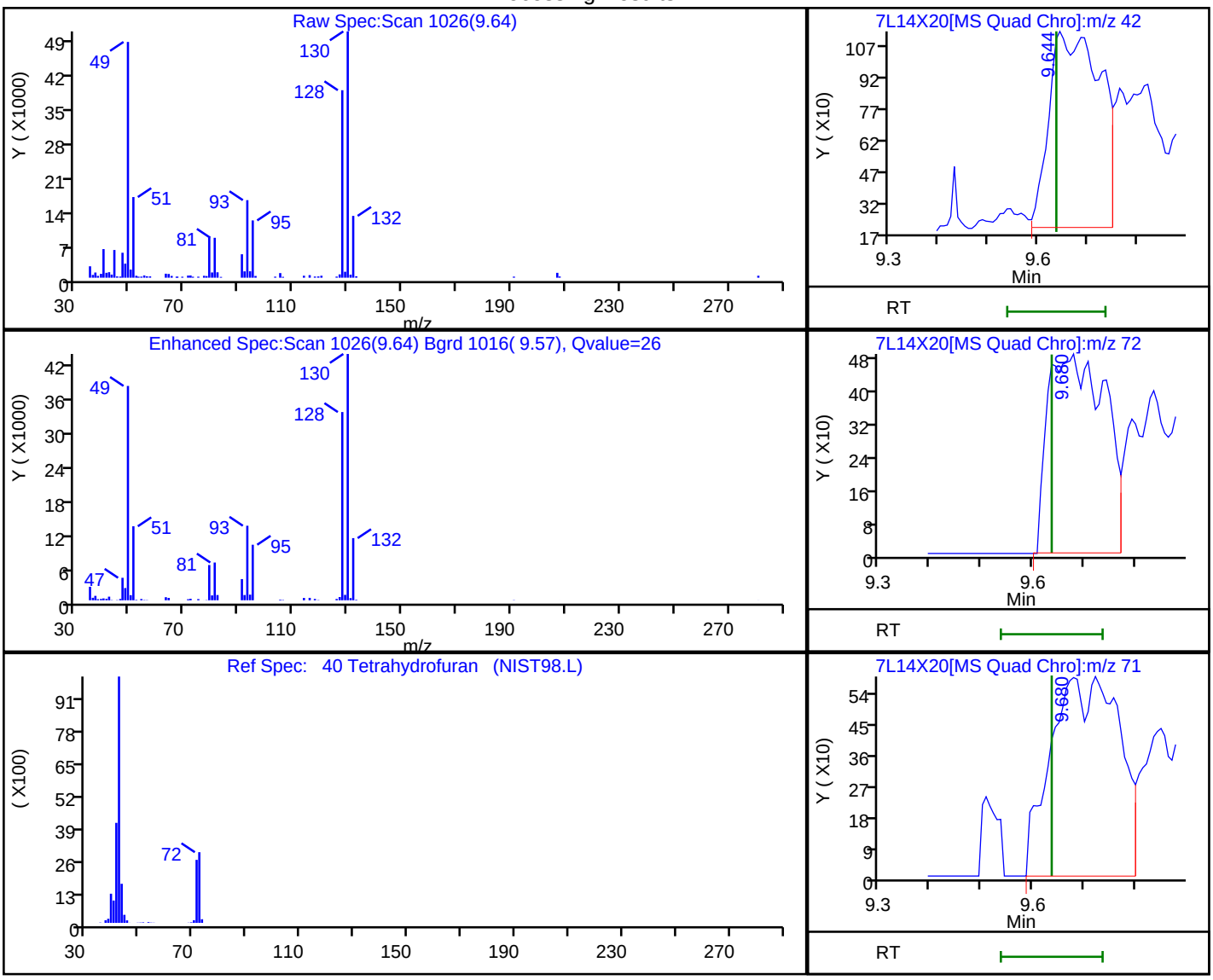
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D				
Injection Date:	14-Jul-2025 23:57:23	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-5	Lab Sample ID:	410-233912-5		
Client ID:	2010				
Operator ID:	jts91224	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.64	42.00	6825	0.124641
9.68	72.00	3773	
9.68	71.00	5443	

Reviewer: D7UM, 22-Jul-2025 10:52:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

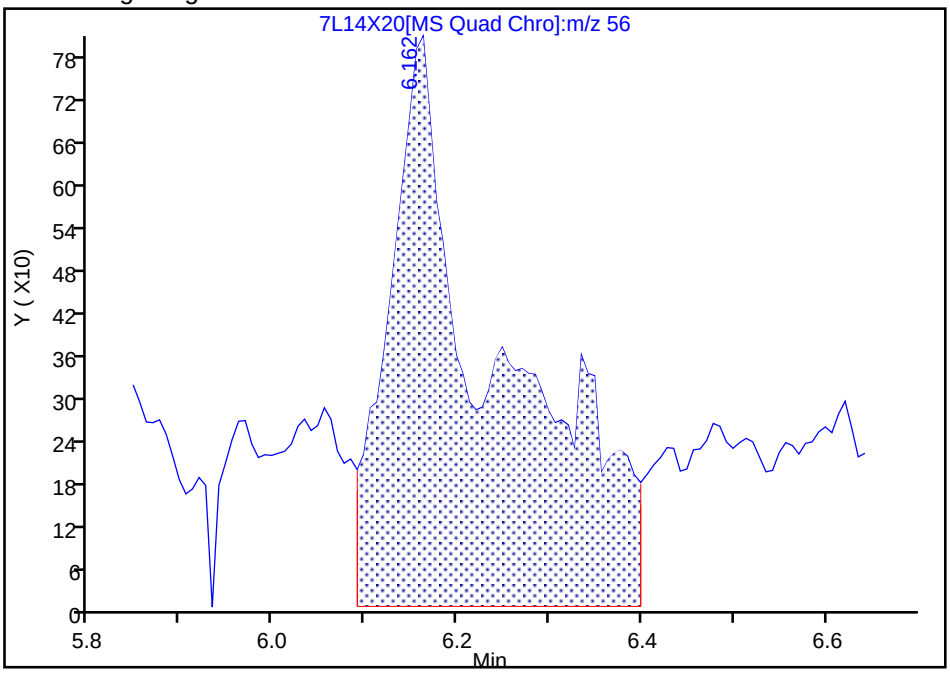
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D				
Injection Date:	14-Jul-2025 23:57:23	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-5	Lab Sample ID:	410-233912-5		
Client ID:	2010				
Operator ID:	jts91224	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

15 Acrolein, CAS: 107-02-8

Signal: 1

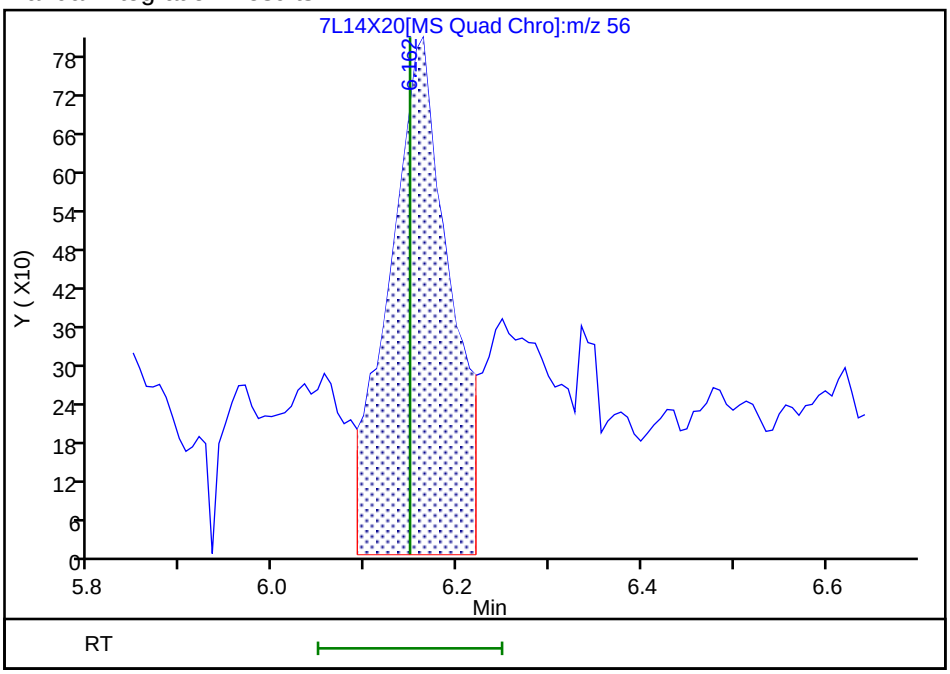
Processing Integration Results

RT: 6.16
Area: 6611
Amount: 0.376977
Amount Units: ppb v/v



Manual Integration Results

RT: 6.16
Area: 3602
Amount: 0.197224
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 10:51:36 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2061 Lab Sample ID: 410-233912-6

Matrix: Air Lab File ID: 7L14X21.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 00:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2061 Lab Sample ID: 410-233912-6

Matrix: Air Lab File ID: 7L14X21.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 00:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2061 Lab Sample ID: 410-233912-6

Matrix: Air Lab File ID: 7L14X21.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 00:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	0.87	J	1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2061 Lab Sample ID: 410-233912-6

Matrix: Air Lab File ID: 7L14X21.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 00:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X21.D				
Lims ID:	410-233912-A-6				
Client ID:	2061				
Sample Type:	Client				
Inject. Date:	15-Jul-2025 00:32:39	ALS Bottle#:	16	Worklist Smp#:	47
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	CCN9946				
Misc. Info.:	410-0153358-018				
Operator ID:	jts91224	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	10-Aug-2025 19:47:51	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1685				
First Level Reviewer: D7UM		Date:	22-Jul-2025 10:54:29		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.312	0.000	84	2486	0.0916	
18 Acetone	43	6.377	6.377	0.000	99	72117	1.08	
21 Isopropyl alcohol	45	6.592	6.585	0.007	90	50318	0.8703	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	89	4180	0.1539	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	642667	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2432591	10.0	
56 Methyl methacrylate	69	11.943	11.943	0.000	27	4591	0.0773	
68 1,1,2-Trichloroethane	97	13.562	13.555	0.007	1	4255	0.0601	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2153857	10.0	

QC Flag Legend

Processing Flags

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:52 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X21.D

Injection Date: 15-Jul-2025 00:32:39 Instrument ID: HP8R004

Lims ID: 410-233912-A-6 Lab Sample ID: 410-233912-6

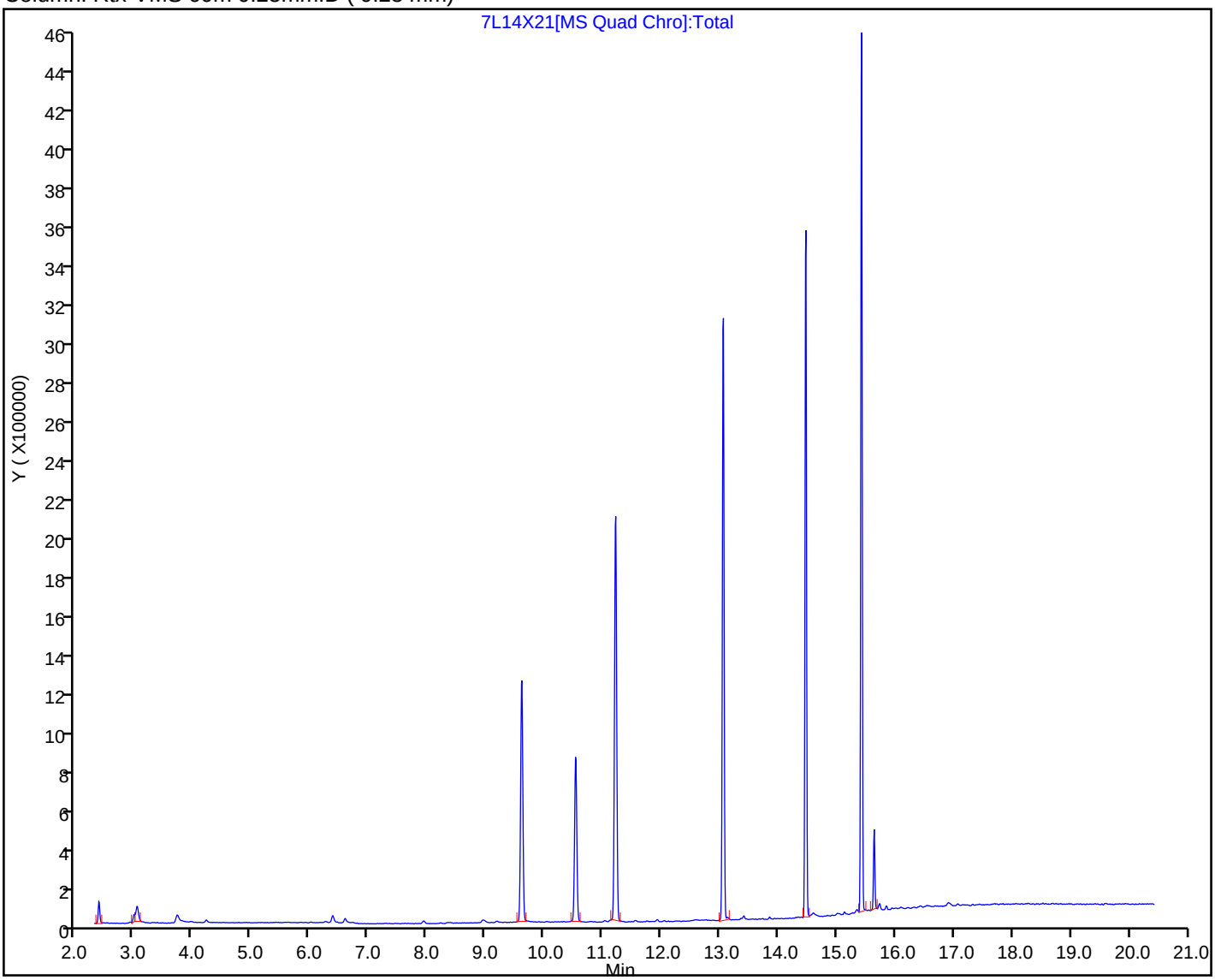
Client ID: 2061

Operator ID: jts91224 ALS Bottle#: 16 Worklist Smp#: 47

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

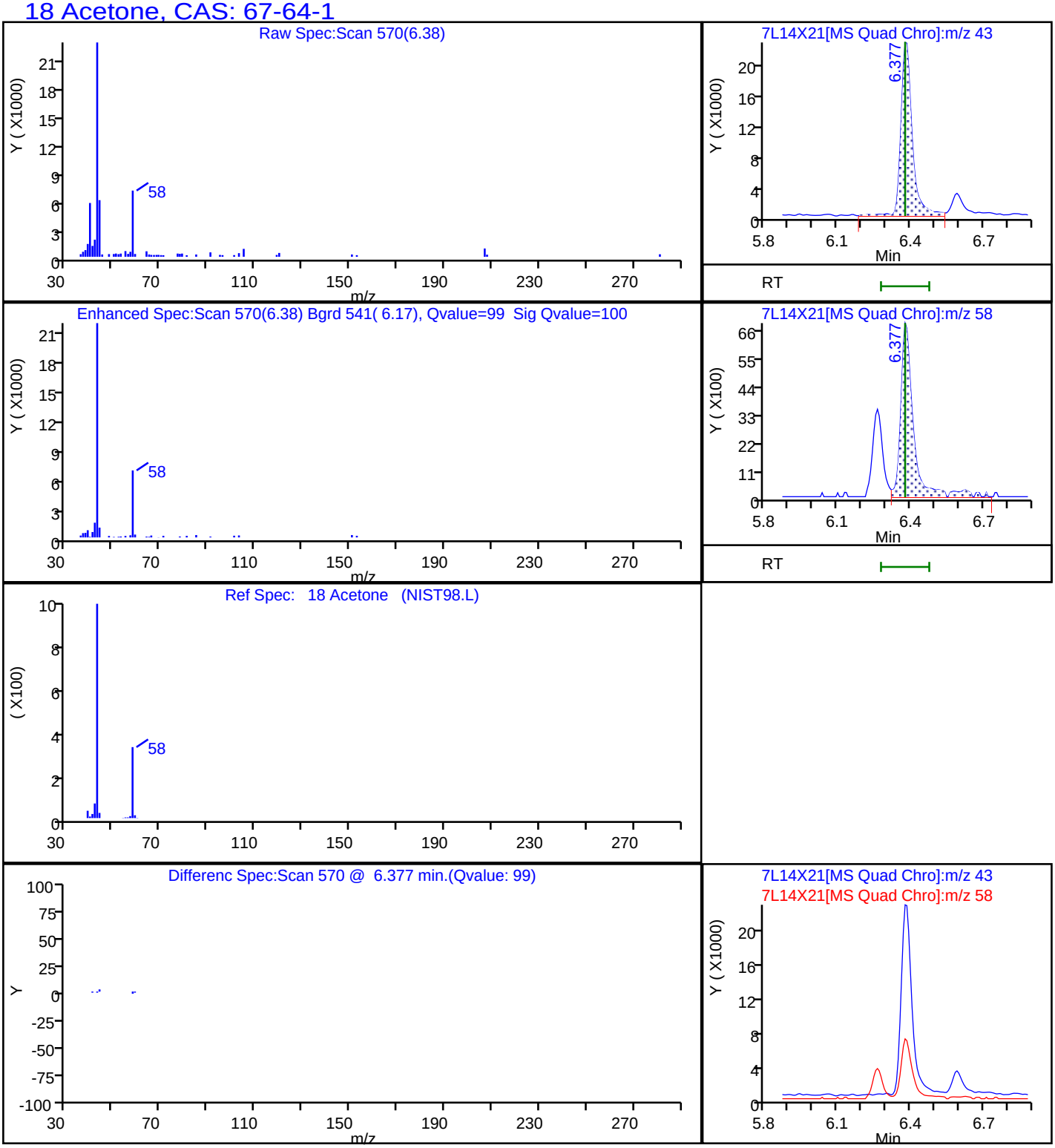


Report Date: 10-Aug-2025 19:48:52 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X21.D				
Injection Date:	15-Jul-2025 00:32:39	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-6	Lab Sample ID:	410-233912-6		
Client ID:	2061				
Operator ID:	jts91224	ALS Bottle#:	16	Worklist Smp#:	47
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

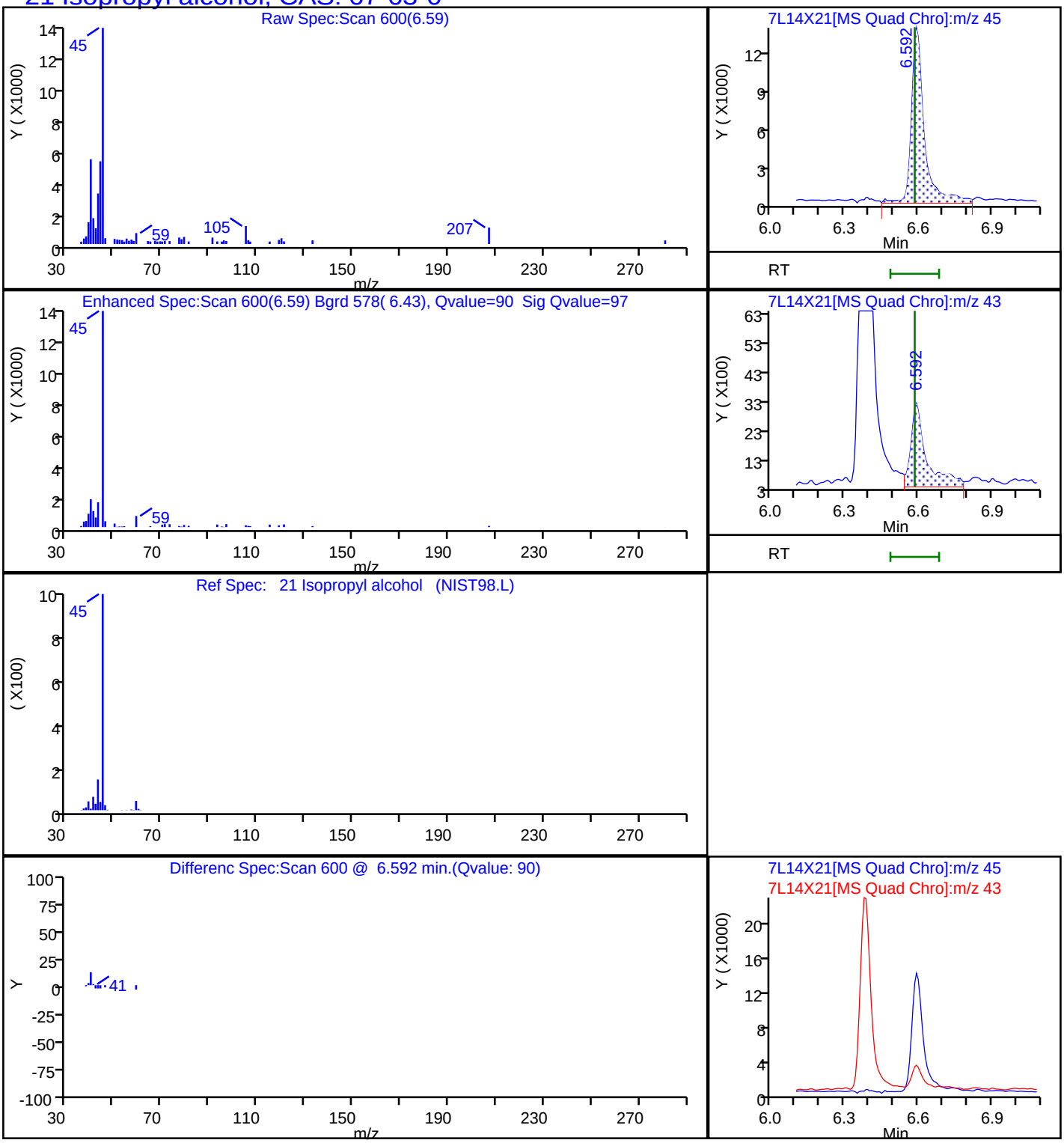


Report Date: 10-Aug-2025 19:48:52 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X21.D				
Injection Date:	15-Jul-2025 00:32:39	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-6	Lab Sample ID:	410-233912-6		
Client ID:	2061				
Operator ID:	jts91224	ALS Bottle#:	16	Worklist Smp#:	47
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

21 Isopropyl alcohol, CAS: 67-63-0



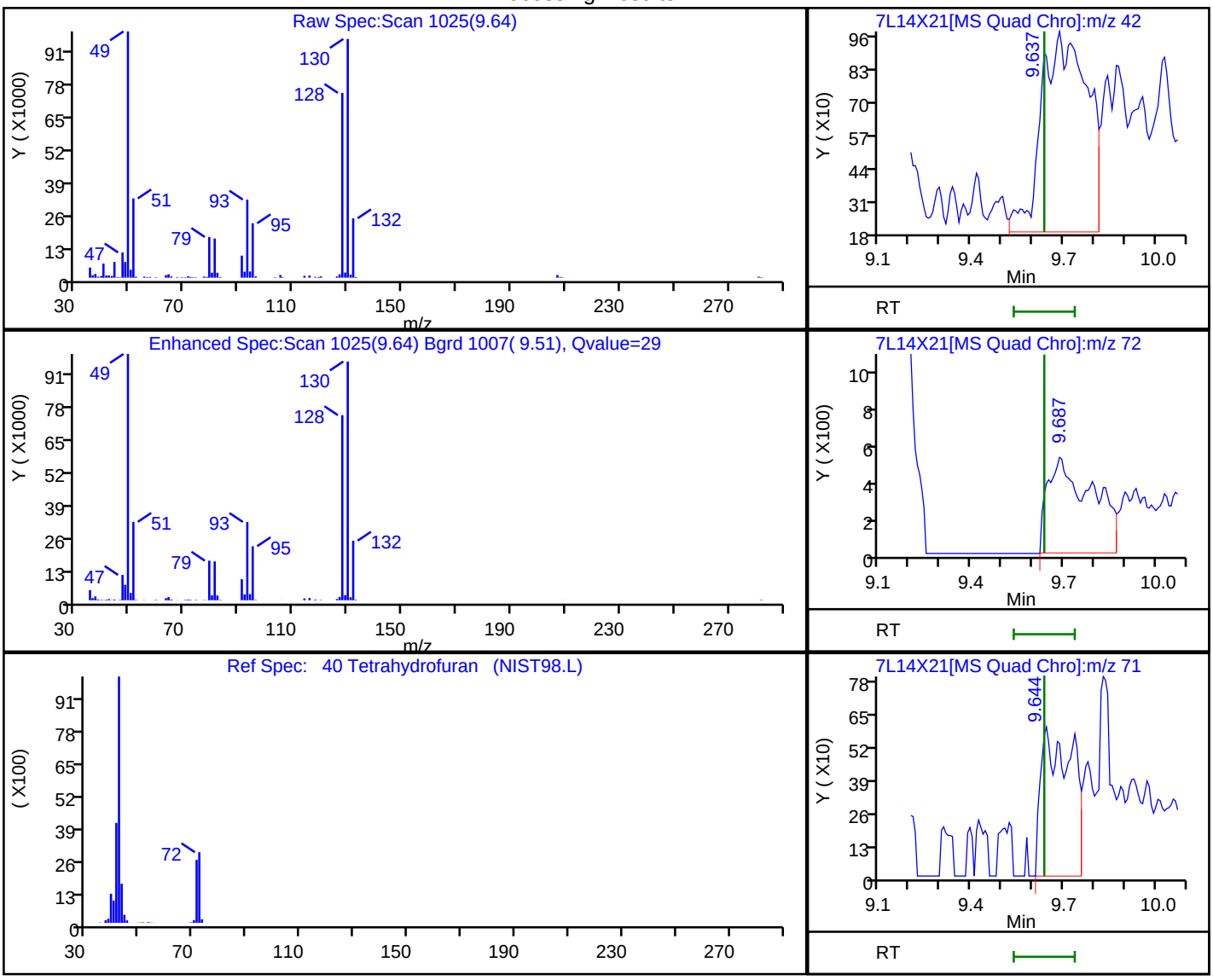
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X21.D				
Injection Date:	15-Jul-2025 00:32:39	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-6	Lab Sample ID:	410-233912-6		
Client ID:	2061				
Operator ID:	jts91224	ALS Bottle#:	16	Worklist Smp#:	47
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.64	42.00	8069	0.149882
9.69	72.00	4915	
9.64	71.00	4036	

Reviewer: D7UM, 22-Jul-2025 10:53:42 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

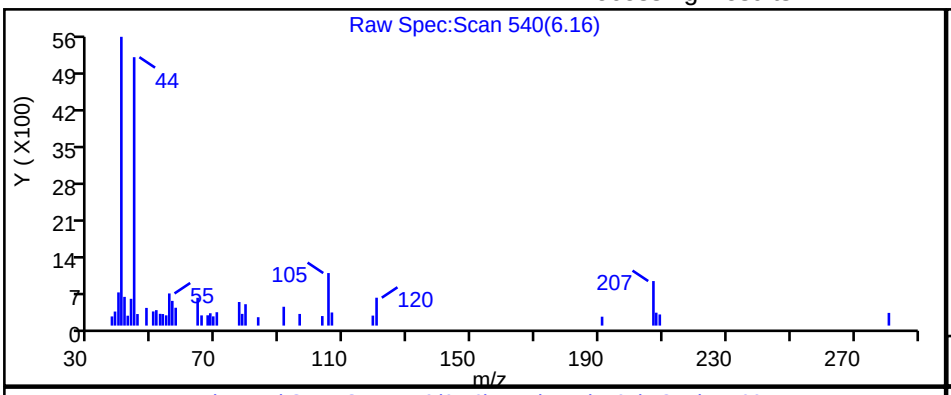
User Disabled Compound Report

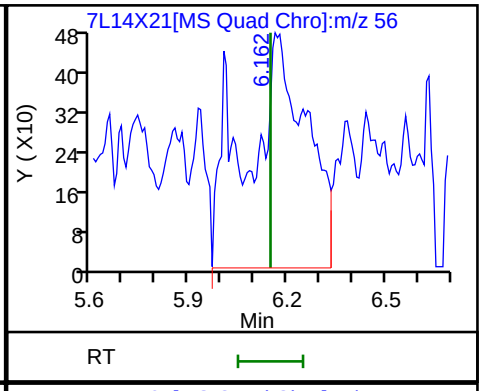
Eurofins Lancaster Laboratories Environment Testing, LLC

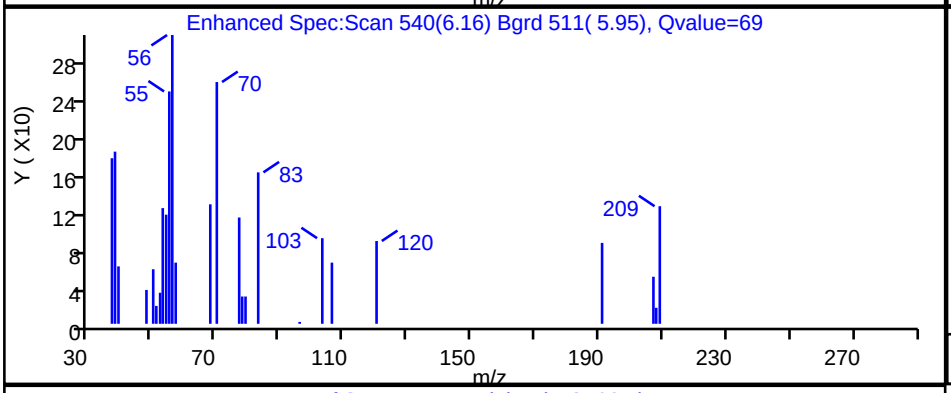
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X21.D				
Injection Date:	15-Jul-2025 00:32:39	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-6	Lab Sample ID:	410-233912-6		
Client ID:	2061				
Operator ID:	jts91224	ALS Bottle#:	16	Worklist Smp#:	47
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

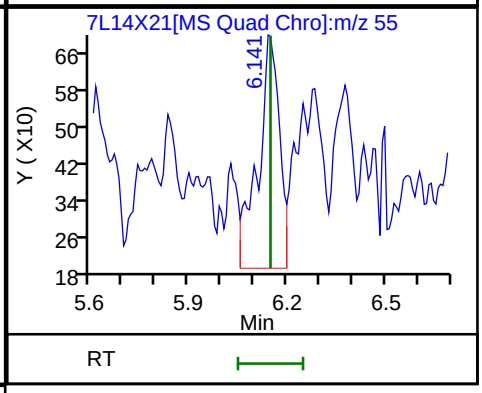
15 Acrolein, CAS: 107-02-8

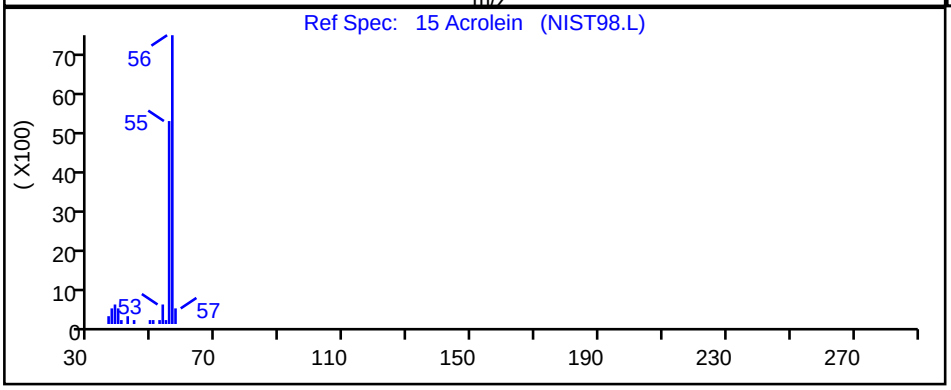
Processing Results











RT	Mass	Response	Amount
6.16	56.00	5918	0.343236
6.14	55.00	2312	

Reviewer: D7UM, 22-Jul-2025 10:53:28 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2062 Lab Sample ID: 410-233912-7

Matrix: Air Lab File ID: 7L14X22.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.8	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2062 Lab Sample ID: 410-233912-7

Matrix: Air Lab File ID: 7L14X22.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2062 Lab Sample ID: 410-233912-7

Matrix: Air Lab File ID: 7L14X22.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2062 Lab Sample ID: 410-233912-7

Matrix: Air Lab File ID: 7L14X22.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X22.D				
Lims ID:	410-233912-A-7				
Client ID:	2062				
Sample Type:	Client				
Inject. Date:	15-Jul-2025 01:07:51	ALS Bottle#:	17	Worklist Smp#:	48
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	CCN10065				
Misc. Info.:	410-0153358-019				
Operator ID:	jts91224	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	10-Aug-2025 19:47:51	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1685				
First Level Reviewer: D7UM		Date:	22-Jul-2025 11:07:28		

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	3.311	3.312	-0.001	79	2264	0.0837	
	18 Acetone	43	6.377	6.377	0.000	100	116358	1.75	
	21 Isopropyl alcohol	45	6.599	6.585	0.014	87	13841	0.2402	
	35 2-Butanone (MEK)	72	9.185	9.178	0.007	92	4394	0.1623	
*	39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	90	640556	10.0	
*	51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2427045	10.0	
*	73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2161636	10.0	

QC Flag Legend

Processing Flags

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:54 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X22.D

Injection Date: 15-Jul-2025 01:07:51 Instrument ID: HP8R004

Lims ID: 410-233912-A-7 Lab Sample ID: 410-233912-7

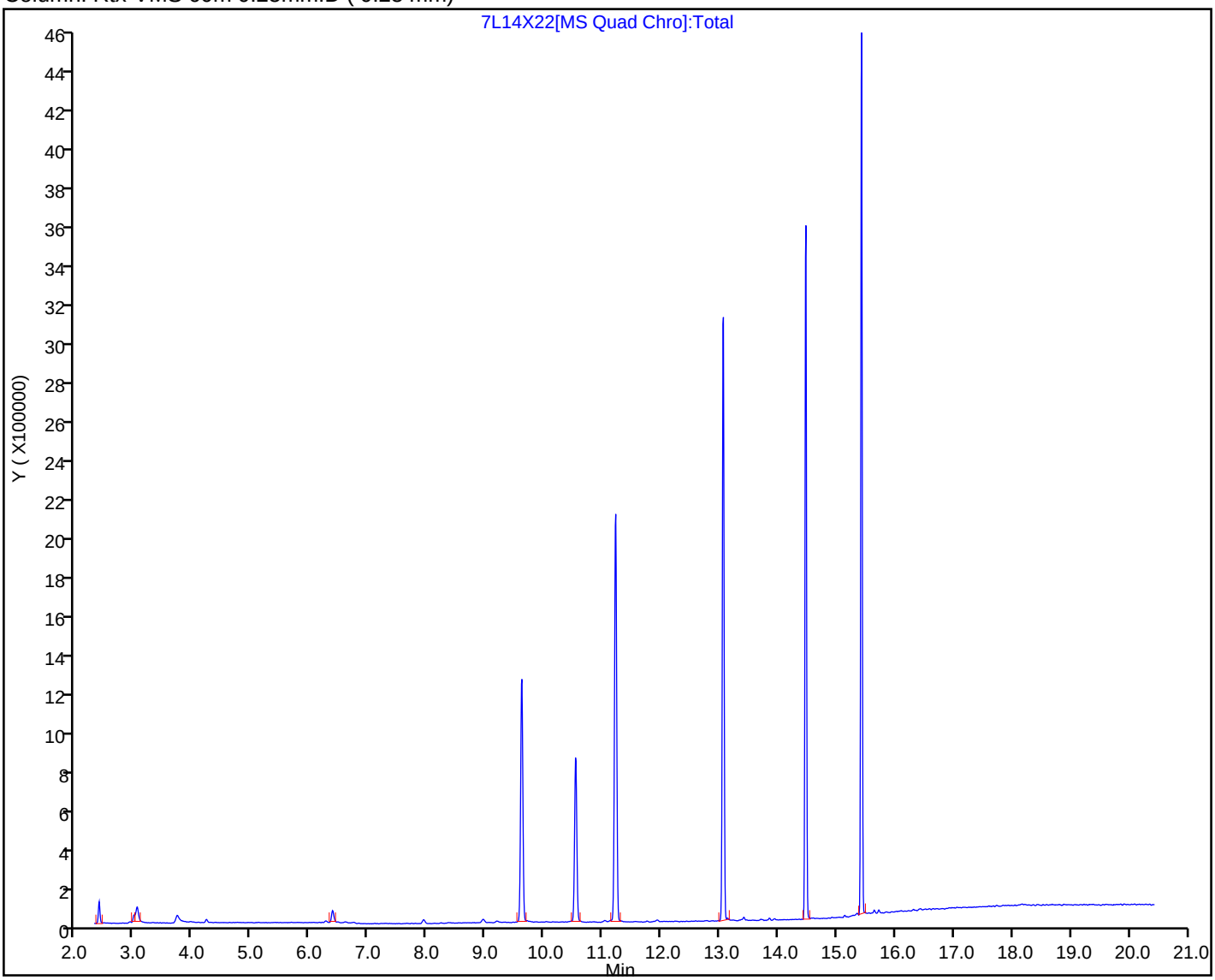
Client ID: 2062

Operator ID: jts91224 ALS Bottle#: 17 Worklist Smp#: 48

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

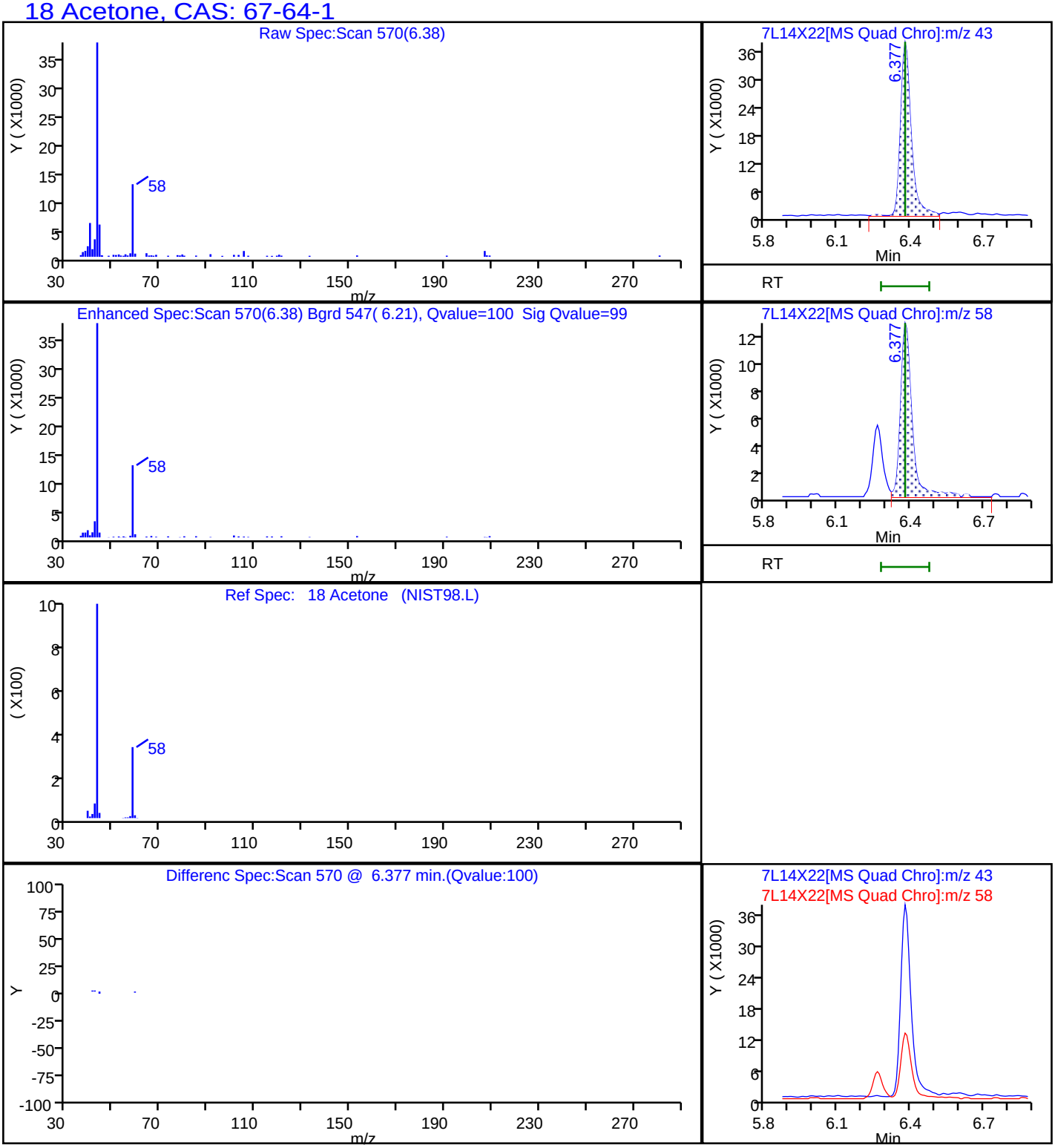


Report Date: 10-Aug-2025 19:48:54 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X22.D				
Injection Date:	15-Jul-2025 01:07:51	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-7	Lab Sample ID:	410-233912-7		
Client ID:	2062				
Operator ID:	jts91224	ALS Bottle#:	17	Worklist Smp#:	48
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1



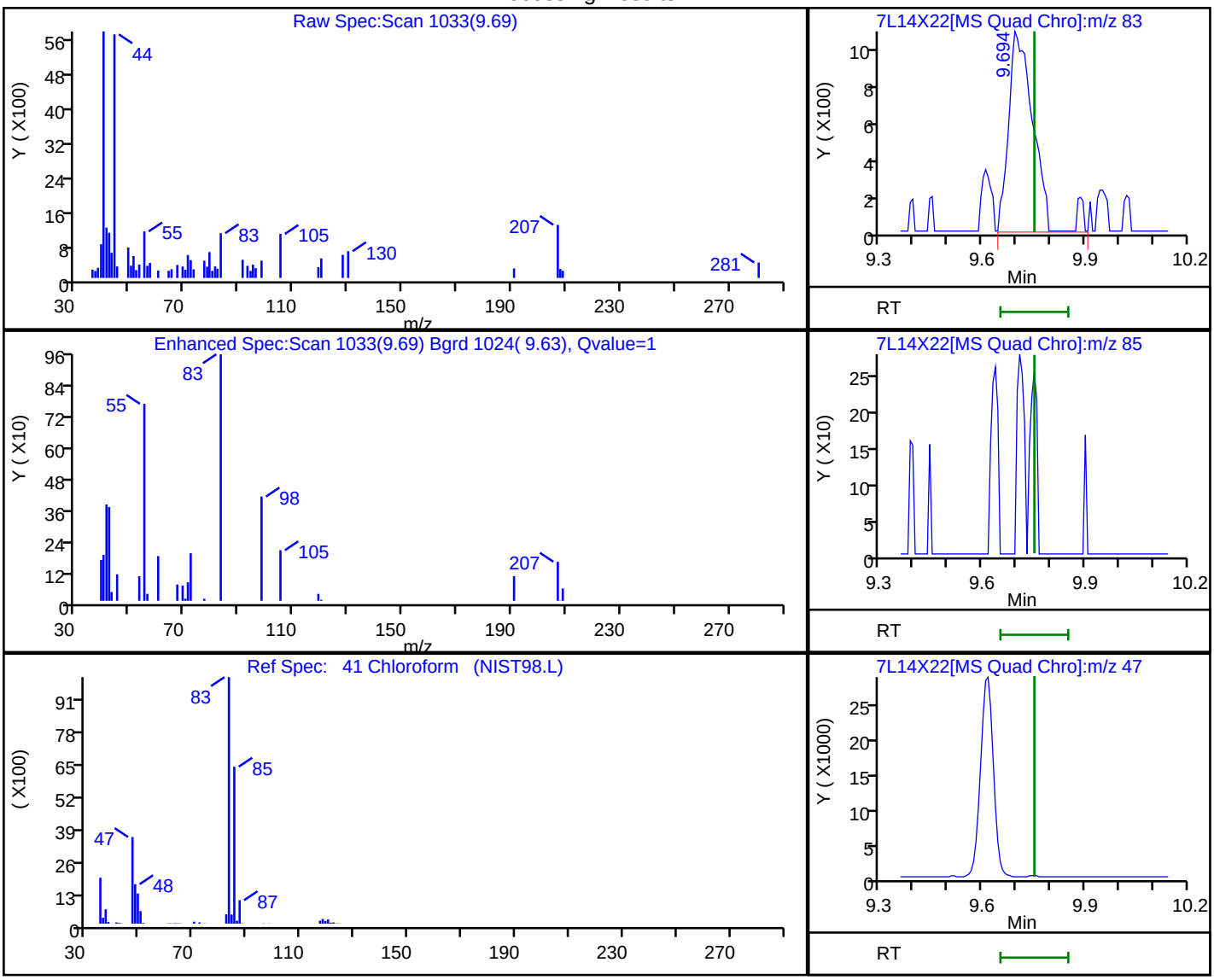
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X22.D				
Injection Date:	15-Jul-2025 01:07:51	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-7	Lab Sample ID:	410-233912-7		
Client ID:	2062				
Operator ID:	jts91224	ALS Bottle#:	17	Worklist Smp#:	48
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

41 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
9.69	83.00	5310	0.046794
9.75	85.00	0	
9.75	47.00	0	

Reviewer: D7UM, 22-Jul-2025 10:54:59 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

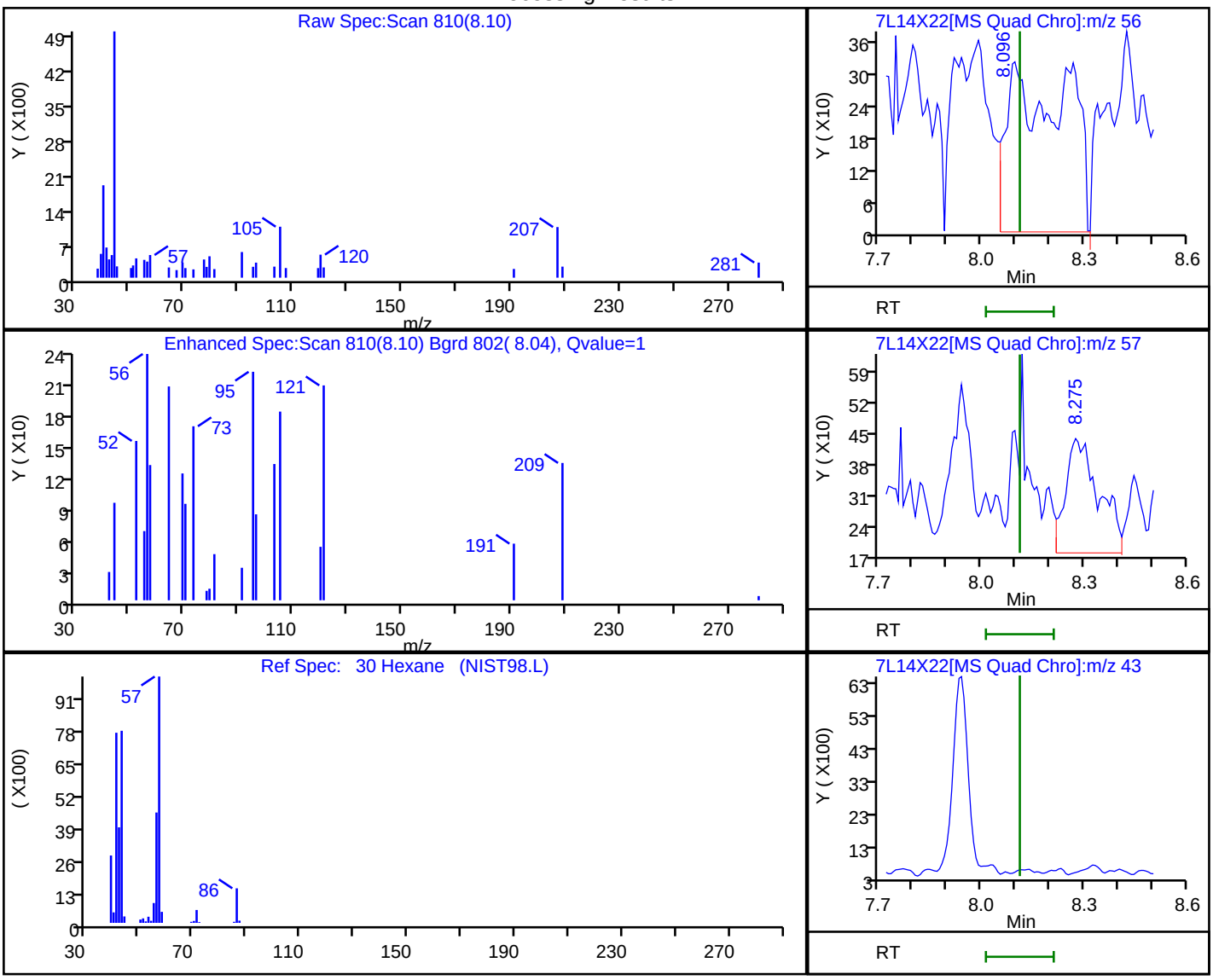
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X22.D				
Injection Date:	15-Jul-2025 01:07:51	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-7	Lab Sample ID:	410-233912-7		
Client ID:	2062				
Operator ID:	jts91224	ALS Bottle#:	17	Worklist Smp#:	48
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

30 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
8.10	56.00	3694	0.091045
8.28	57.00	1760	
8.11	43.00	0	
8.11	86.00	0	

Reviewer: D7UM, 22-Jul-2025 10:54:52 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

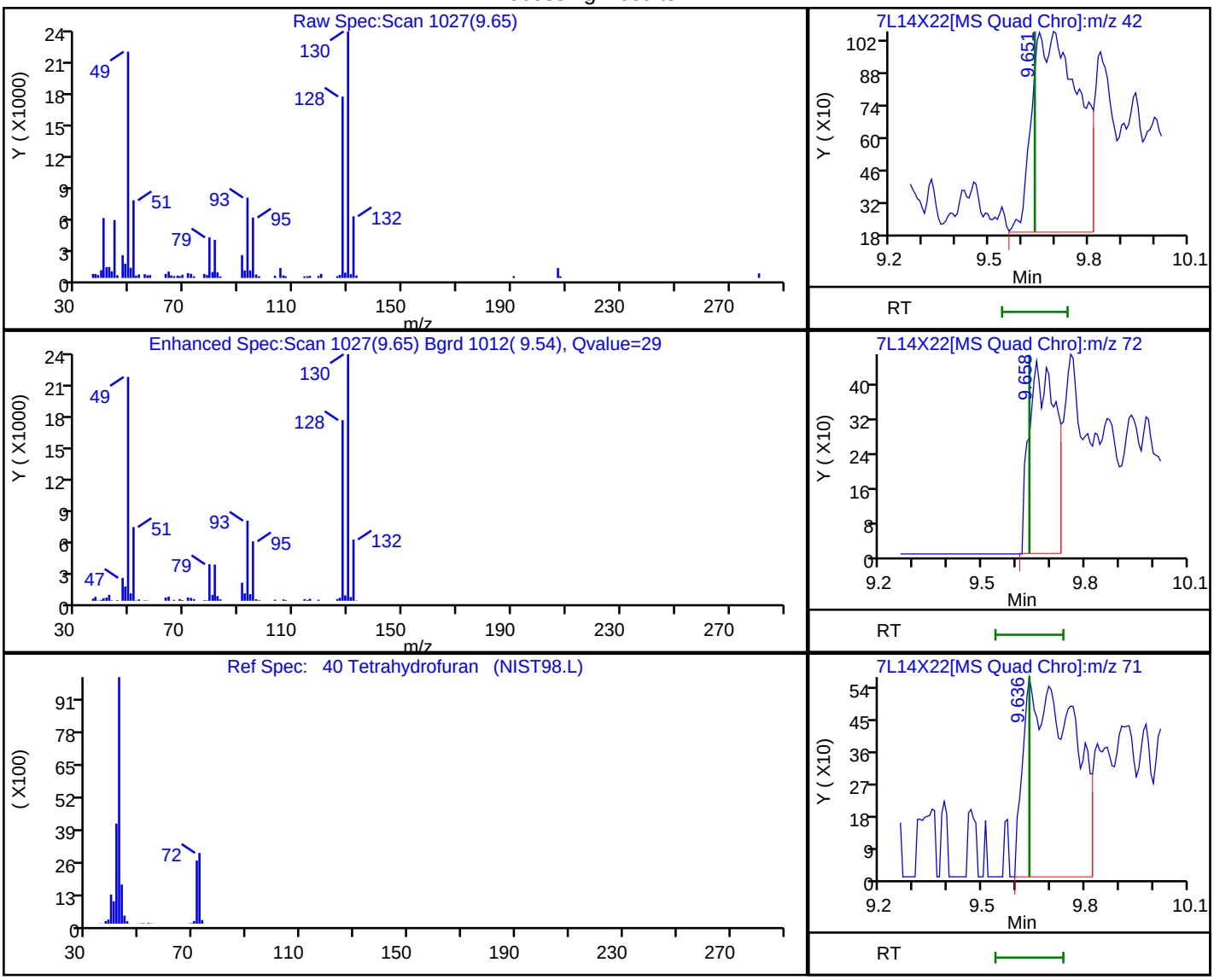
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X22.D				
Injection Date:	15-Jul-2025 01:07:51	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-7	Lab Sample ID:	410-233912-7		
Client ID:	2062				
Operator ID:	jts91224	ALS Bottle#:	17	Worklist Smp#:	48
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.65	42.00	8536	0.159079
9.66	72.00	2322	
9.64	71.00	5642	

Reviewer: D7UM, 22-Jul-2025 10:54:57 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2058 Lab Sample ID: 410-233912-8

Matrix: Air Lab File ID: 7L14X23.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.21	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.8	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2058 Lab Sample ID: 410-233912-8

Matrix: Air Lab File ID: 7L14X23.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2058 Lab Sample ID: 410-233912-8

Matrix: Air Lab File ID: 7L14X23.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2058 Lab Sample ID: 410-233912-8

Matrix: Air Lab File ID: 7L14X23.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X23.D				
Lims ID:	410-233912-A-8				
Client ID:	2058				
Sample Type:	Client				
Inject. Date:	15-Jul-2025 01:44:21	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	CCN9950				
Misc. Info.:	410-0153358-020				
Operator ID:	jts91224	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	10-Aug-2025 19:47:51	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1685				
First Level Reviewer: D7UM		Date:	22-Jul-2025 11:09:56		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.304	3.312	-0.008	87	3795	0.1412	M
18 Acetone	43	6.377	6.377	0.000	99	117392	1.78	
21 Isopropyl alcohol	45	6.592	6.585	0.007	99	30112	0.5259	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	99	5769	0.2145	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	636491	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2405971	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2163339	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X23.D

Injection Date: 15-Jul-2025 01:44:21 Instrument ID: HP8R004

Lims ID: 410-233912-A-8 Lab Sample ID: 410-233912-8

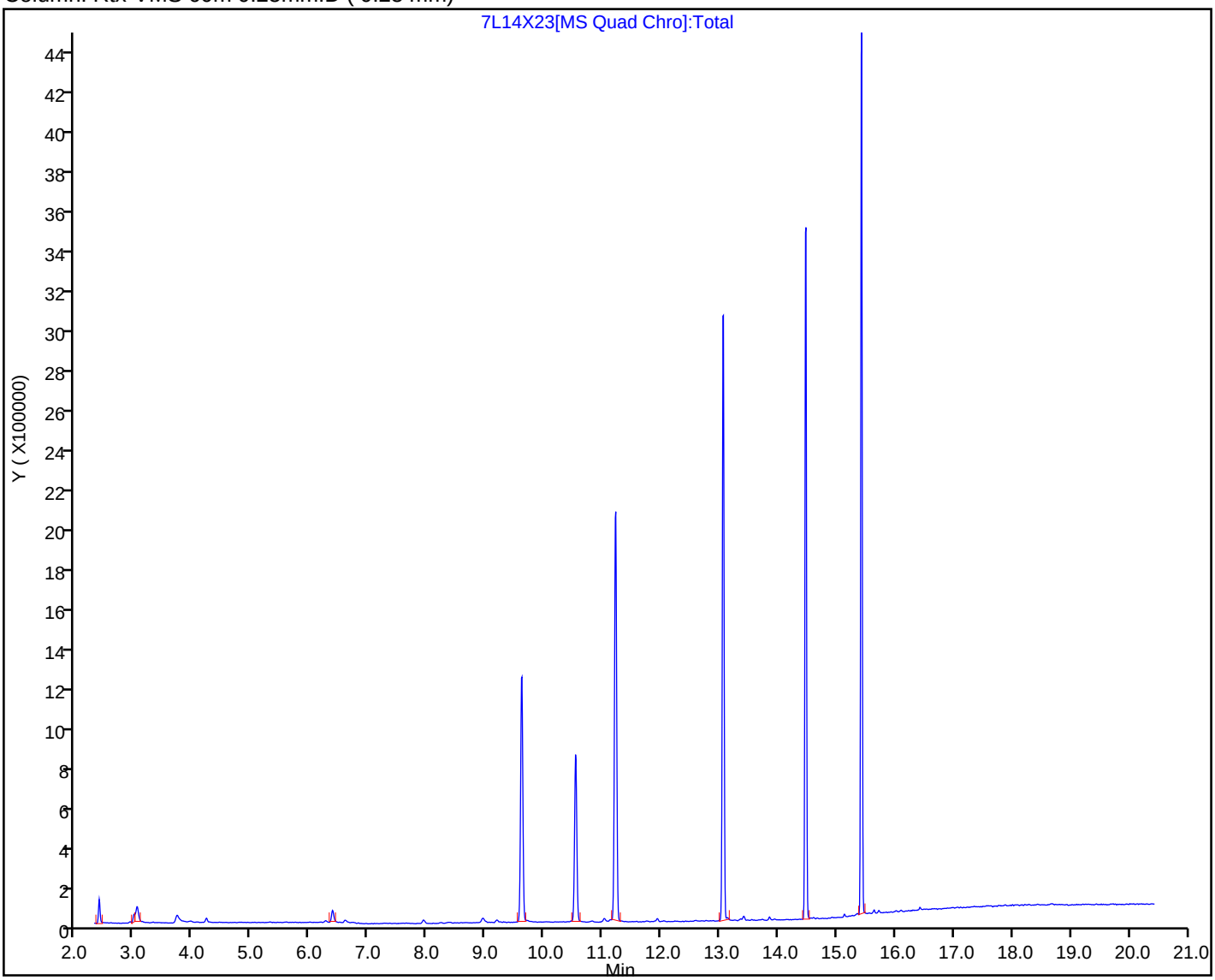
Client ID: 2058

Operator ID: jts91224 ALS Bottle#: 18 Worklist Smp#: 49

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

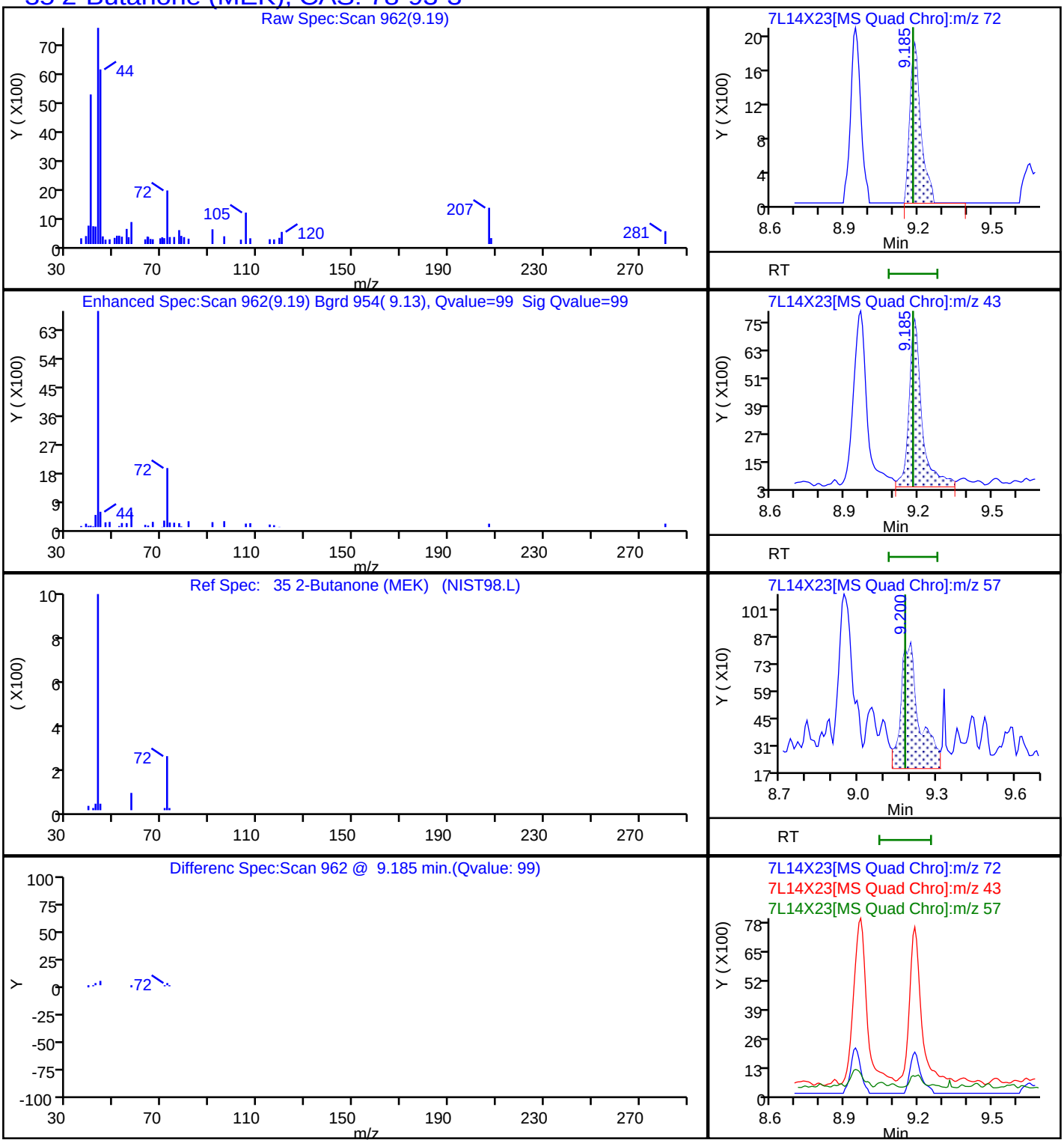


Report Date: 10-Aug-2025 19:48:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X23.D				
Injection Date:	15-Jul-2025 01:44:21	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-8	Lab Sample ID:	410-233912-8		
Client ID:	2058				
Operator ID:	jts91224	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

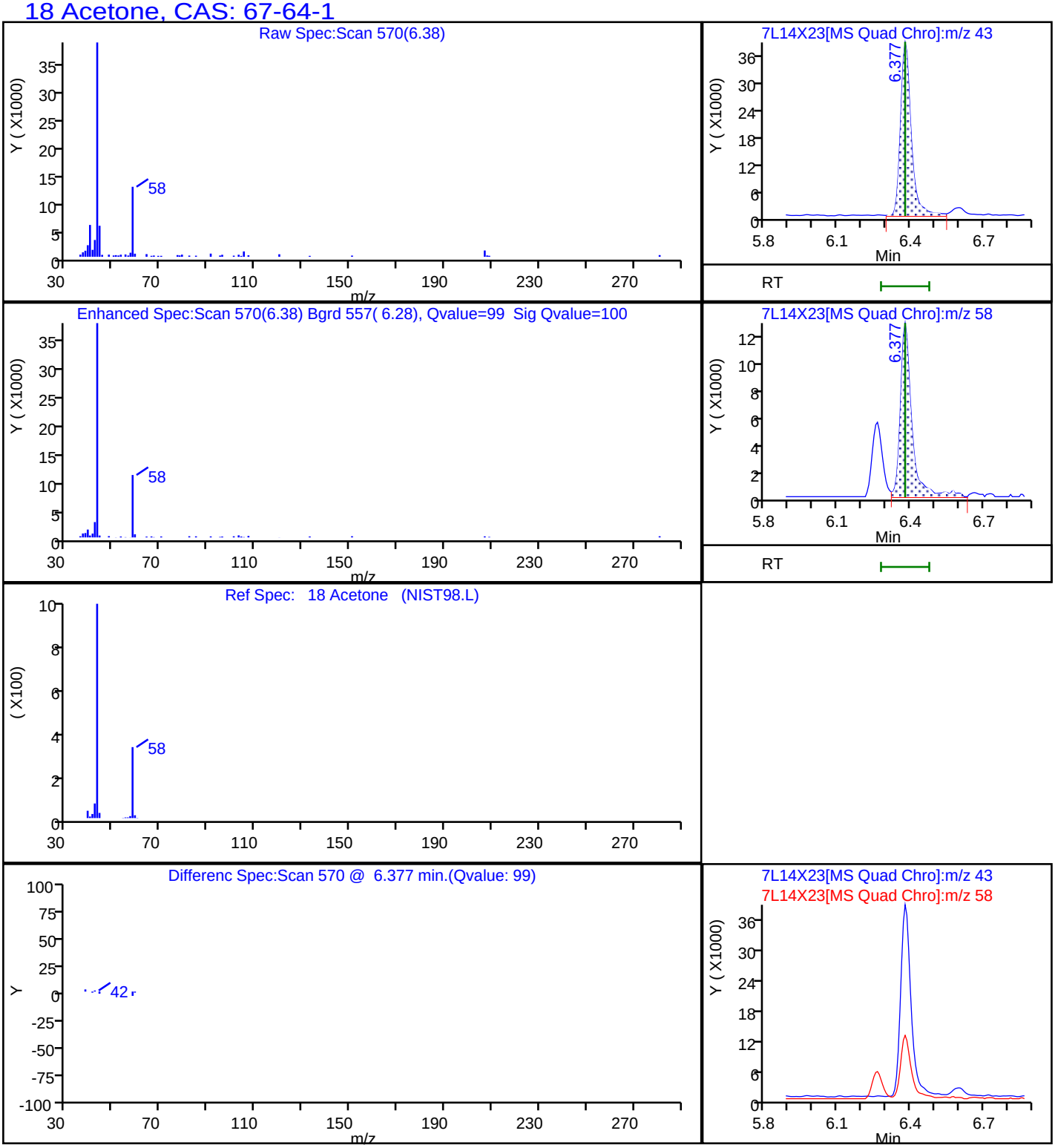


Report Date: 10-Aug-2025 19:48:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X23.D				
Injection Date:	15-Jul-2025 01:44:21	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-8	Lab Sample ID:	410-233912-8		
Client ID:	2058				
Operator ID:	jts91224	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1



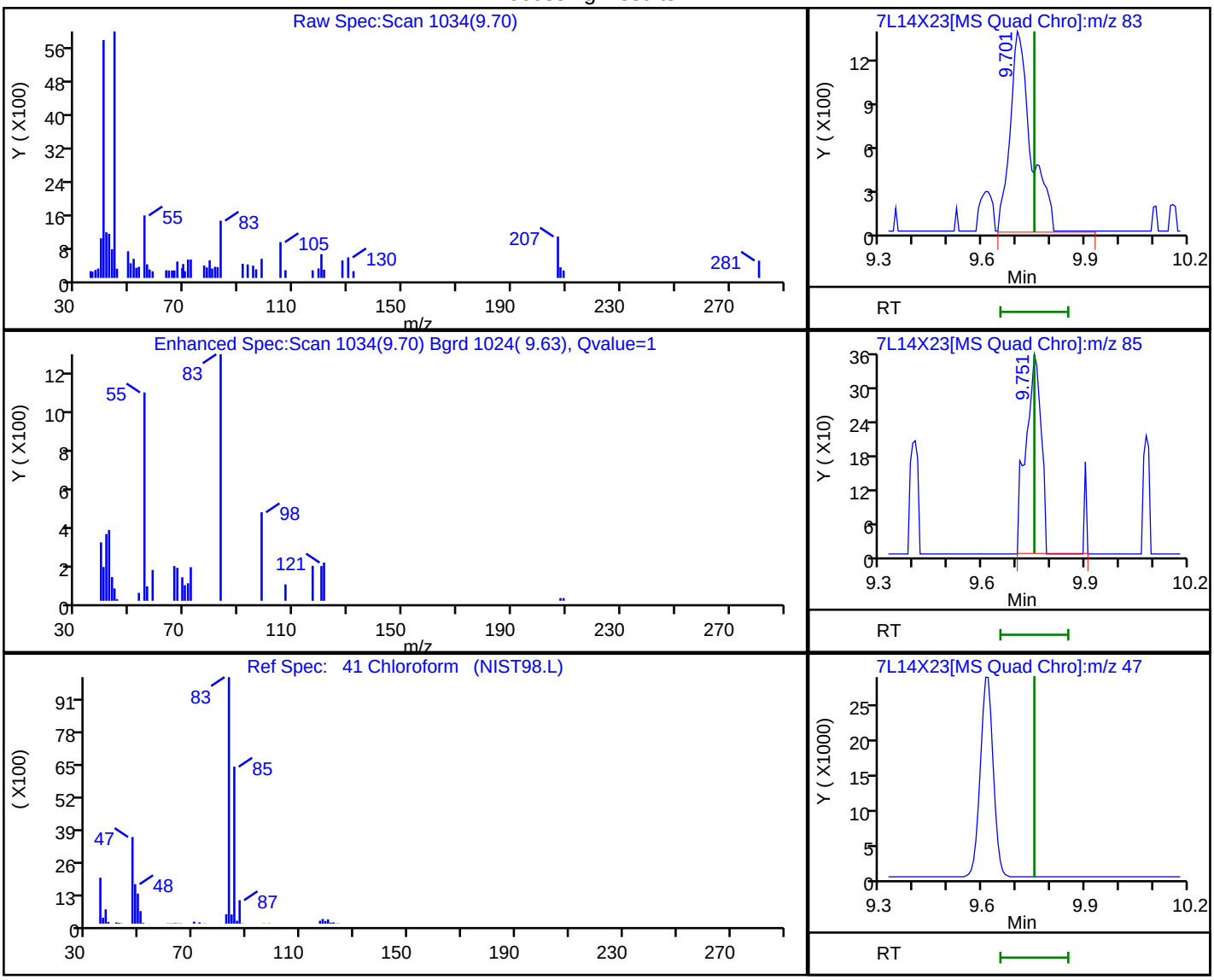
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X23.D				
Injection Date:	15-Jul-2025 01:44:21	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-8	Lab Sample ID:	410-233912-8		
Client ID:	2058				
Operator ID:	jts91224	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

41 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
9.70	83.00	5802	0.051456
9.75	85.00	1157	
9.75	47.00	0	

Reviewer: D7UM, 22-Jul-2025 11:08:03 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

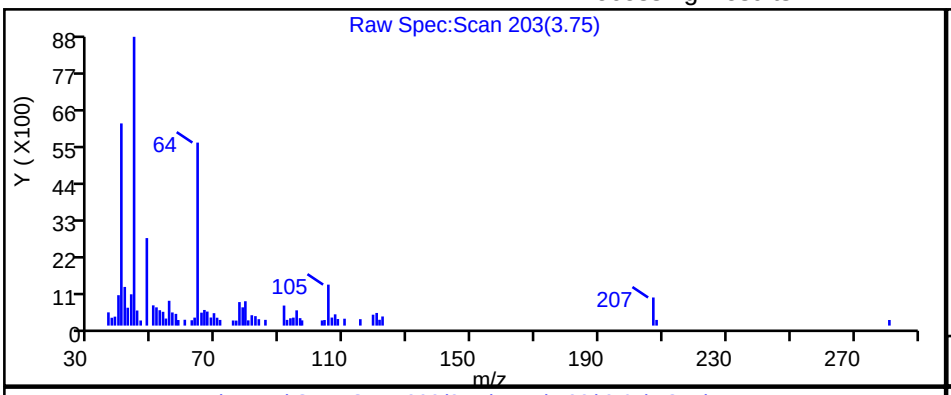
User Disabled Compound Report

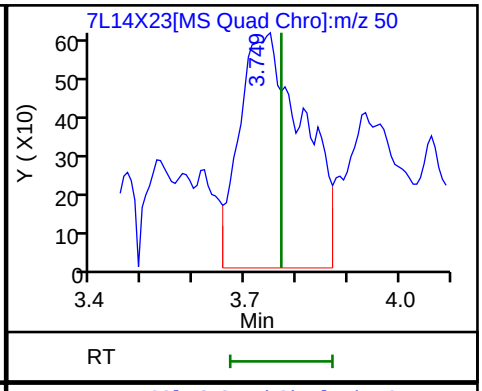
Eurofins Lancaster Laboratories Environment Testing, LLC

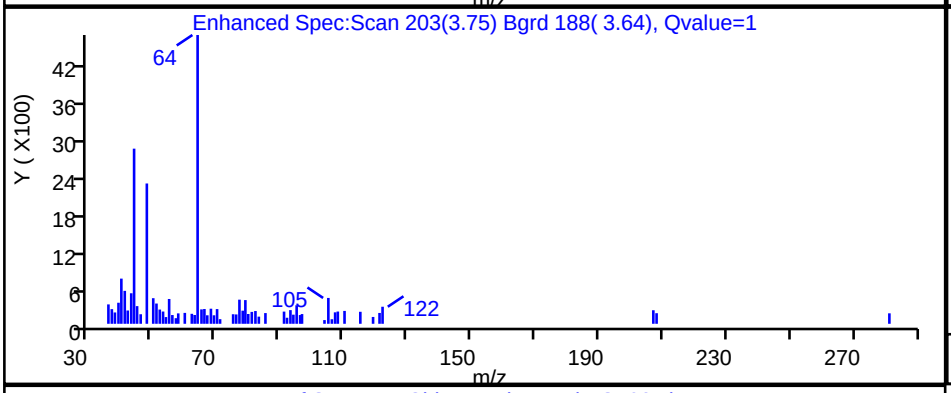
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X23.D				
Injection Date:	15-Jul-2025 01:44:21	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-8	Lab Sample ID:	410-233912-8		
Client ID:	2058				
Operator ID:	jts91224	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

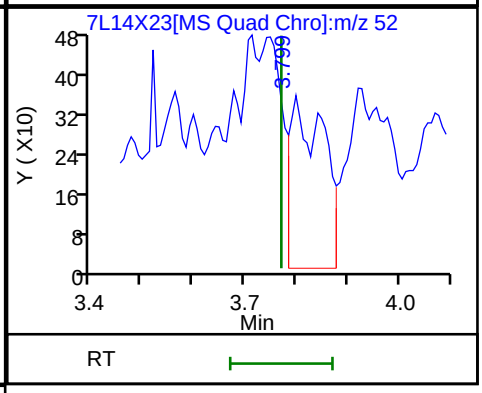
5 Chloromethane, CAS: 74-87-3

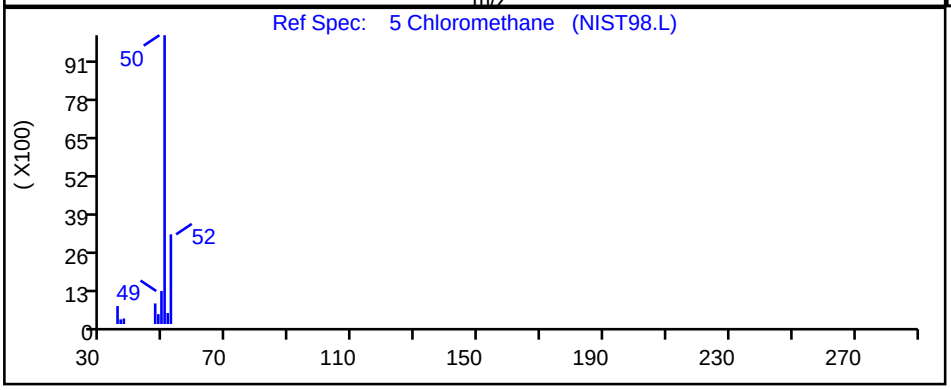
Processing Results











RT	Mass	Response	Amount
3.75	50.00	5332	0.150278
3.80	52.00	1515	

Reviewer: D7UM, 22-Jul-2025 11:07:49 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

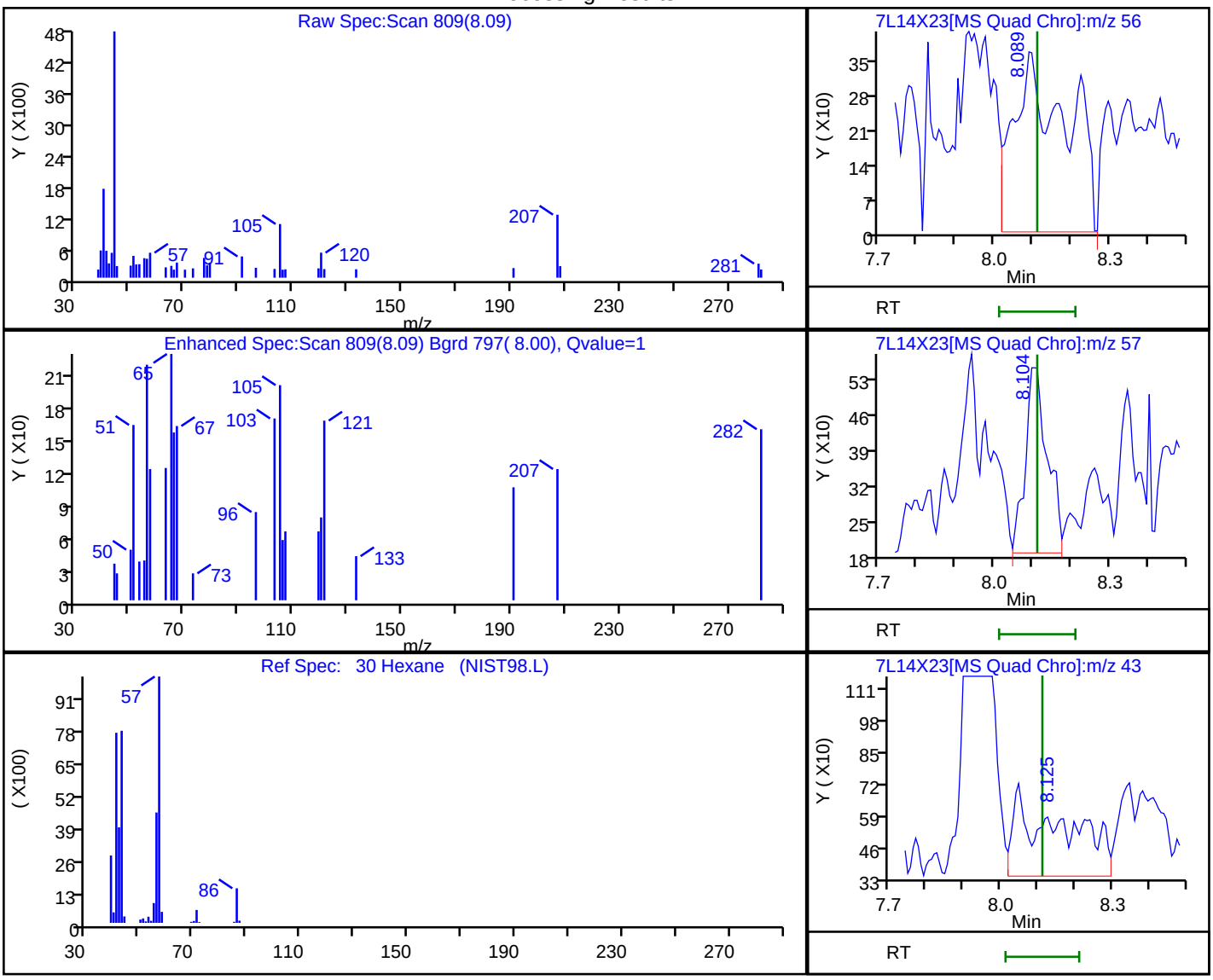
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X23.D				
Injection Date:	15-Jul-2025 01:44:21	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-8	Lab Sample ID:	410-233912-8		
Client ID:	2058				
Operator ID:	jts91224	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

30 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
8.09	56.00	3463	0.085897
8.10	57.00	1464	
8.13	43.00	3341	
8.11	86.00	0	

Reviewer: D7UM, 22-Jul-2025 11:07:57 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

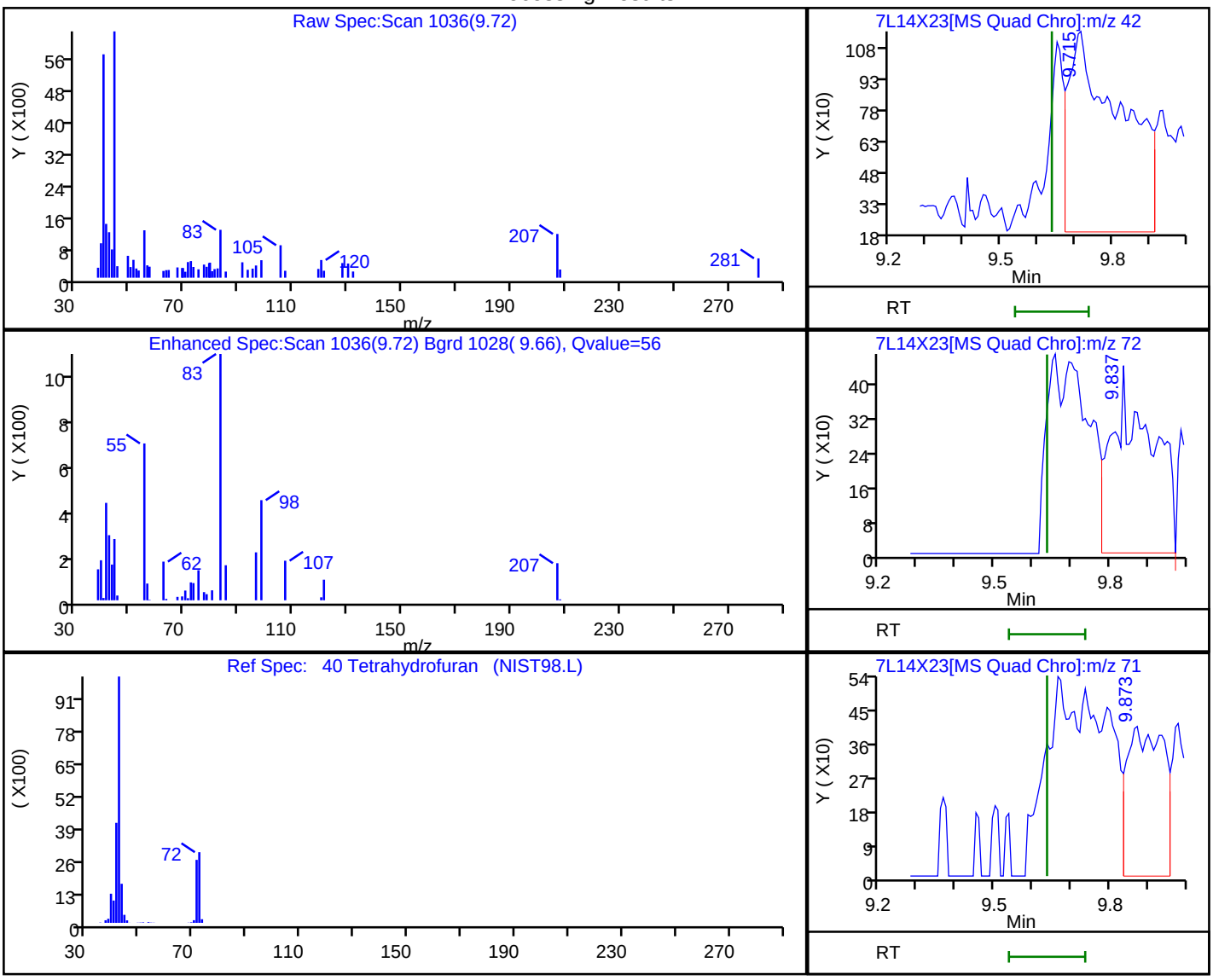
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X23.D				
Injection Date:	15-Jul-2025 01:44:21	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-8	Lab Sample ID:	410-233912-8		
Client ID:	2058				
Operator ID:	jts91224	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.72	42.00	9454	0.177312
9.84	72.00	3051	
9.87	71.00	2579	

Reviewer: D7UM, 22-Jul-2025 11:08:02 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

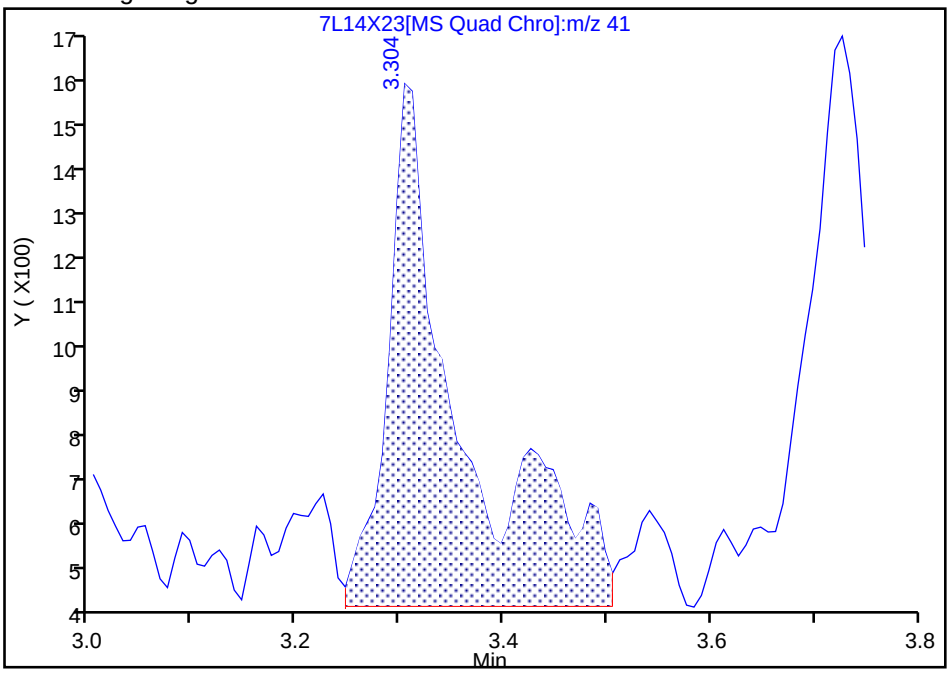
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X23.D				
Injection Date:	15-Jul-2025 01:44:21	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-8	Lab Sample ID:	410-233912-8		
Client ID:	2058				
Operator ID:	jts91224	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

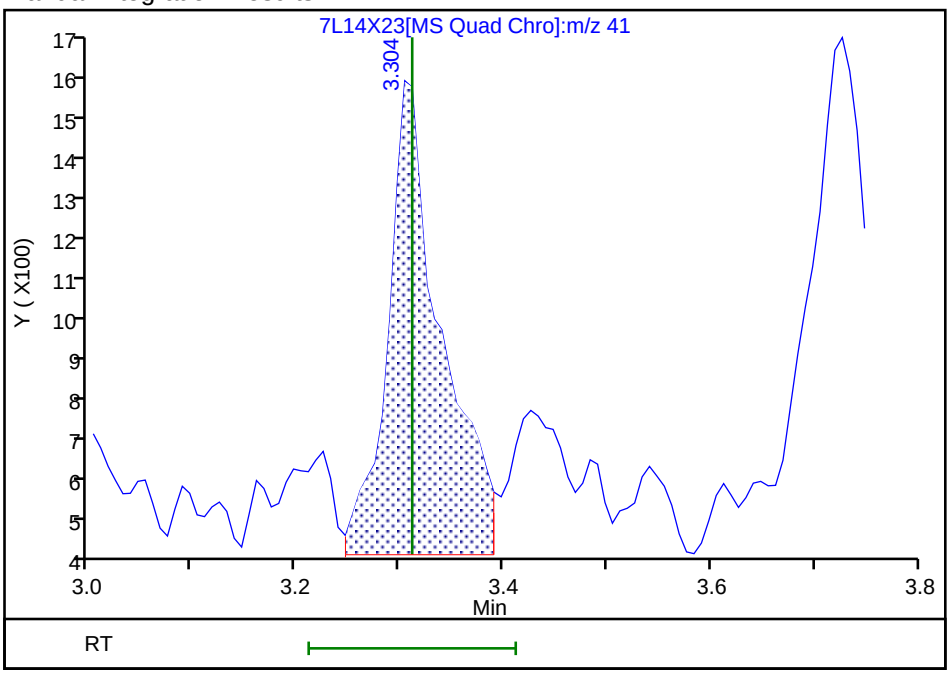
Processing Integration Results

RT: 3.30
Area: 5257
Amount: 0.195554
Amount Units: ppb v/v



Manual Integration Results

RT: 3.30
Area: 3795
Amount: 0.141169
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 11:07:36 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2018 Lab Sample ID: 410-233912-9

Matrix: Air Lab File ID: 7L14X24.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.4	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2018 Lab Sample ID: 410-233912-9

Matrix: Air Lab File ID: 7L14X24.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2018 Lab Sample ID: 410-233912-9

Matrix: Air Lab File ID: 7L14X24.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	0.60	J	1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2018 Lab Sample ID: 410-233912-9

Matrix: Air Lab File ID: 7L14X24.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X24.D				
Lims ID:	410-233912-A-9				
Client ID:	2018				
Sample Type:	Client				
Inject. Date:	15-Jul-2025 02:18:54	ALS Bottle#:	19	Worklist Smp#:	50
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	CCN9944				
Misc. Info.:	410-0153358-021				
Operator ID:	jts91224	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	10-Aug-2025 19:47:51	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1685				
First Level Reviewer: D7UM		Date:	22-Jul-2025 11:11:43		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.311	3.312	-0.001	84	1934	0.0719	7M
18 Acetone	43	6.377	6.377	0.000	99	93563	1.42	
21 Isopropyl alcohol	45	6.599	6.585	0.014	67	34366	0.5995	
35 2-Butanone (MEK)	72	9.192	9.178	0.014	98	3596	0.1336	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	90	637164	10.0	
* 51 1,4-Difluorobenzene	114	11.219	11.220	-0.001	94	2404377	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.471	14.472	-0.001	86	2157072	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

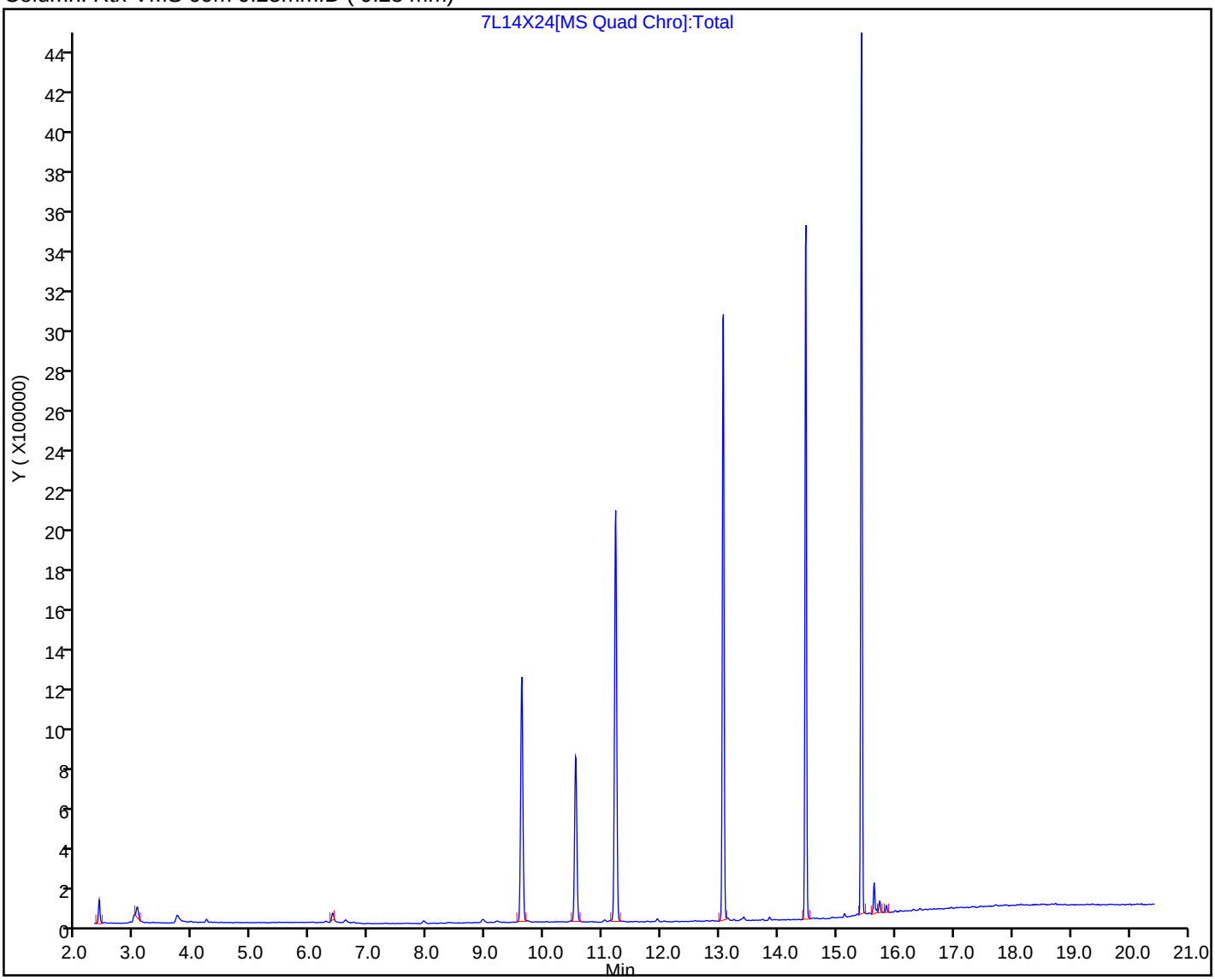
AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:58 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X24.D				
Injection Date:	15-Jul-2025 02:18:54	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-9	Lab Sample ID:	410-233912-9		
Client ID:	2018				
Operator ID:	jts91224	ALS Bottle#:	19	Worklist Smp#:	50
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

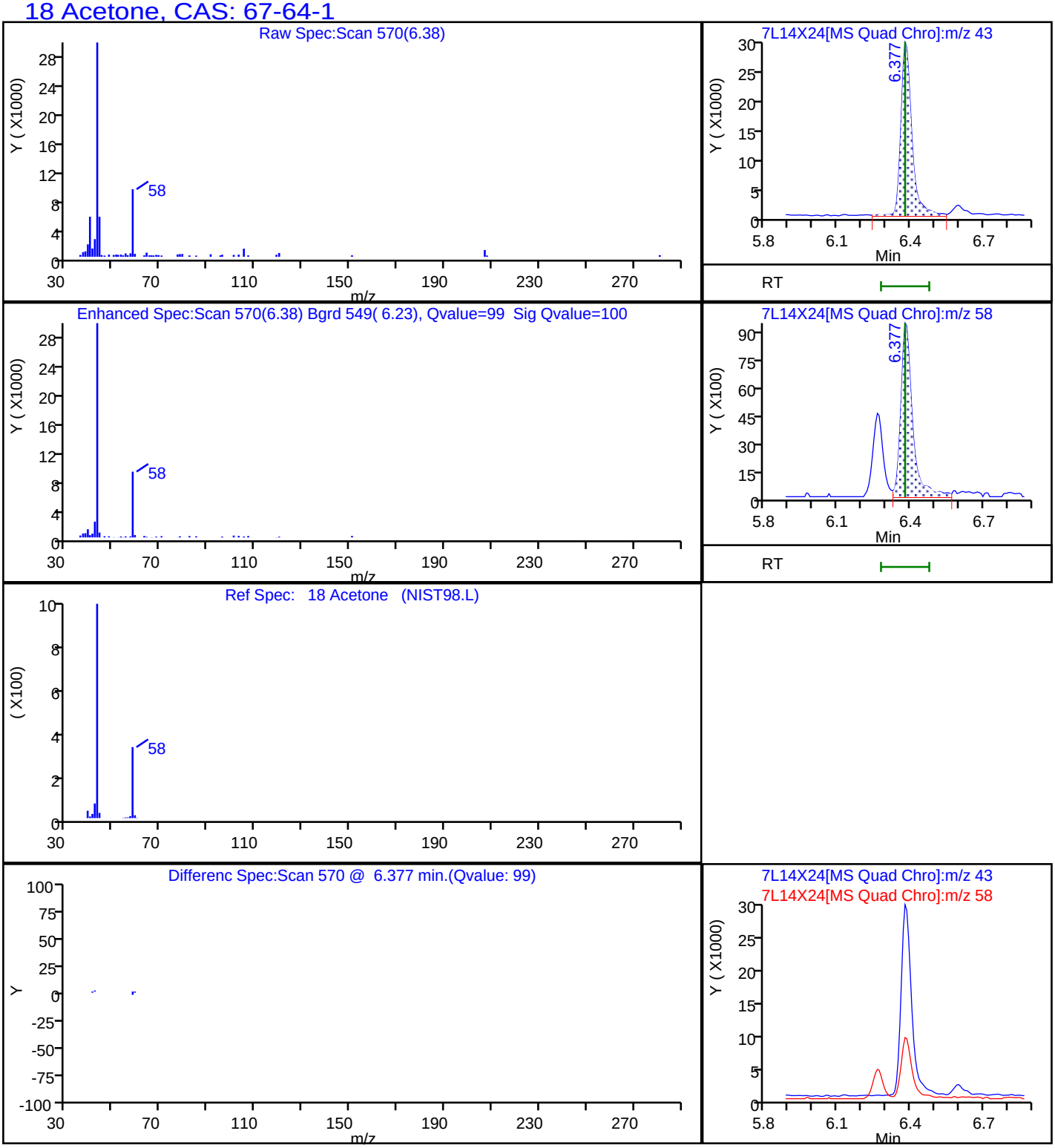


Report Date: 10-Aug-2025 19:48:58 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X24.D				
Injection Date:	15-Jul-2025 02:18:54	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-9	Lab Sample ID:	410-233912-9		
Client ID:	2018				
Operator ID:	jts91224	ALS Bottle#:	19	Worklist Smp#:	50
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

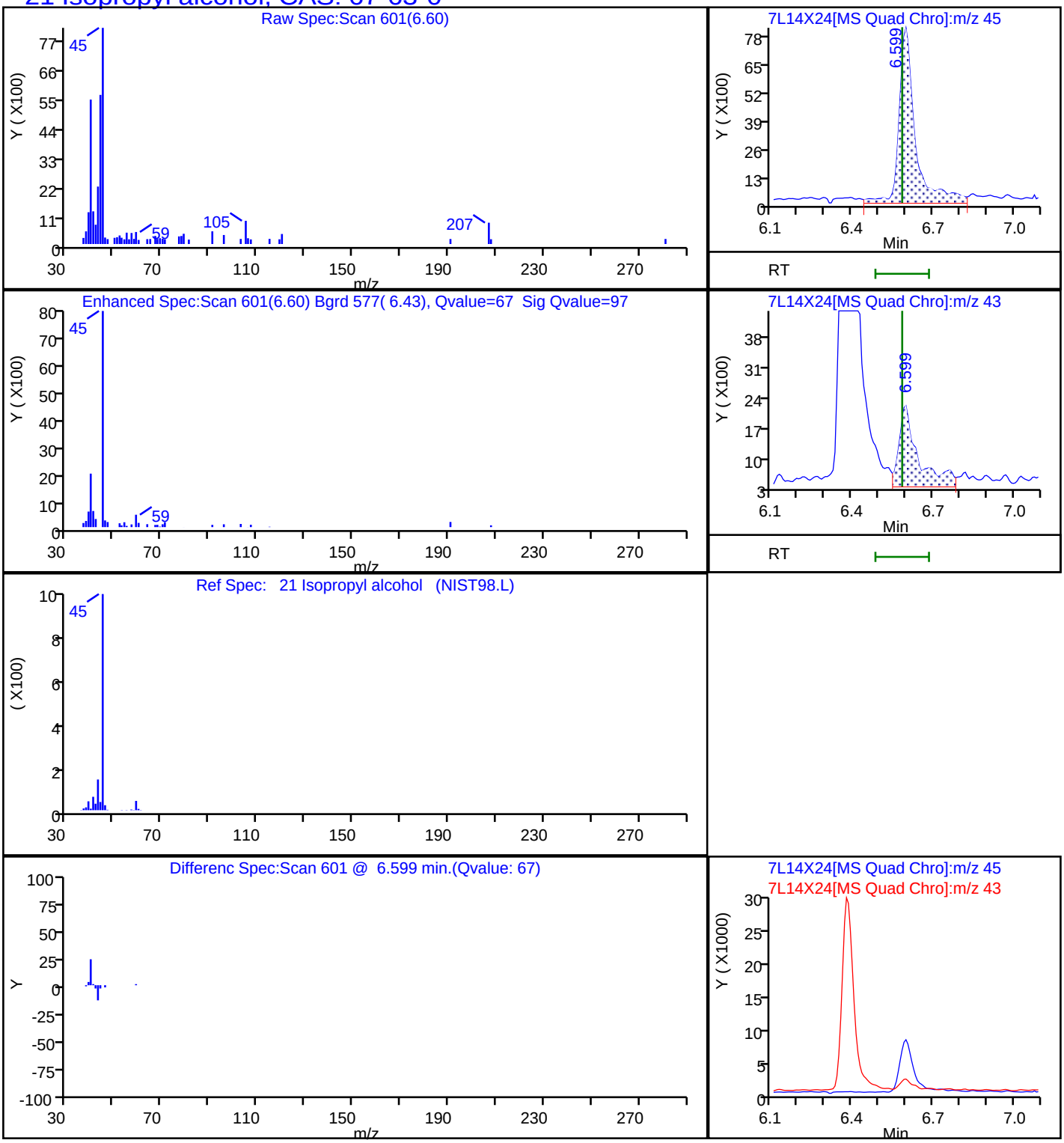


Report Date: 10-Aug-2025 19:48:58 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X24.D				
Injection Date:	15-Jul-2025 02:18:54	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-9	Lab Sample ID:	410-233912-9		
Client ID:	2018				
Operator ID:	jts91224	ALS Bottle#:	19	Worklist Smp#:	50
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

21 Isopropyl alcohol, CAS: 67-63-0



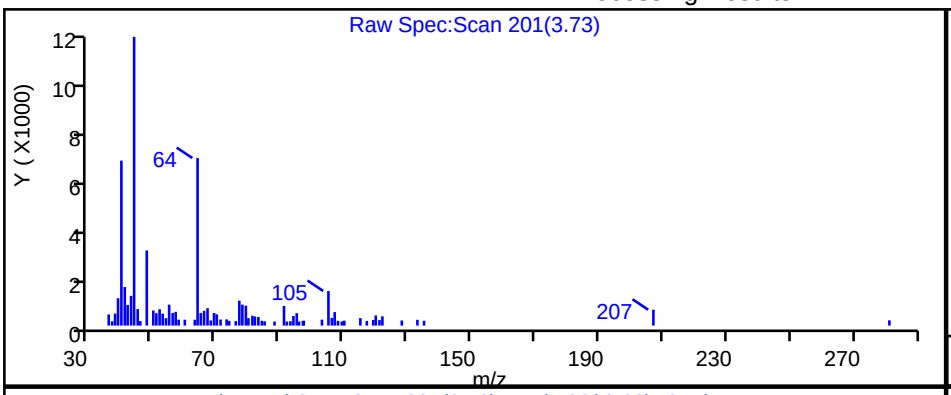
User Disabled Compound Report

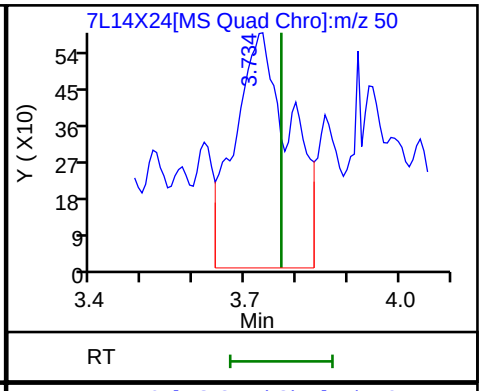
Eurofins Lancaster Laboratories Environment Testing, LLC

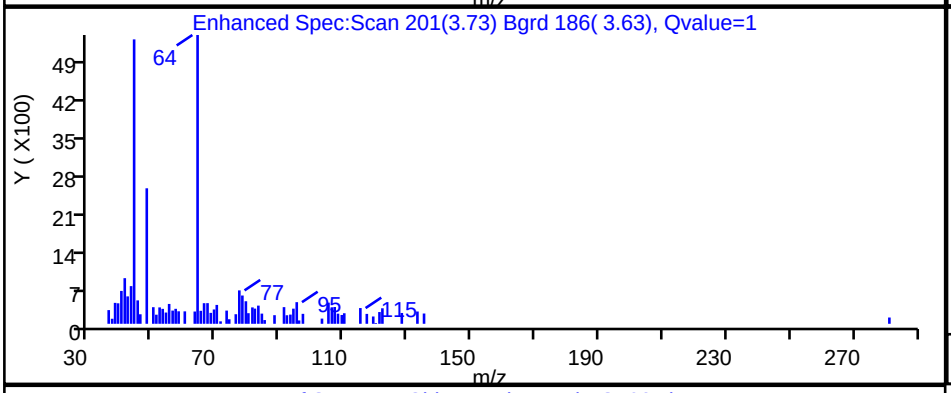
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Injection Date:	15-Jul-2025 02:18:54	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-9	Lab Sample ID:	410-233912-9		
Client ID:	2018				
Operator ID:	jts91224	ALS Bottle#:	19	Worklist Smp#:	50
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

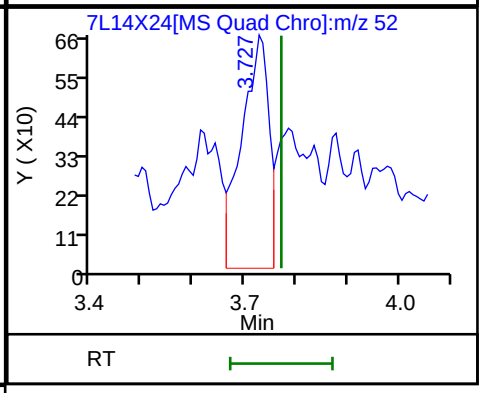
5 Chloromethane, CAS: 74-87-3

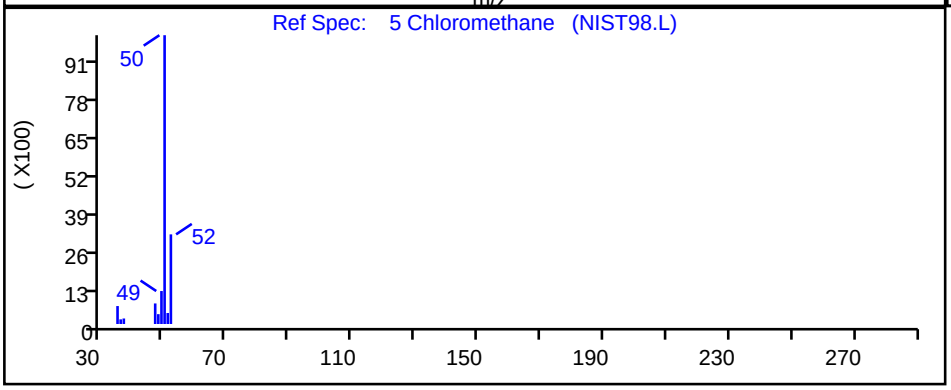
Processing Results











RT	Mass	Response	Amount
3.73	50.00	4451	0.125315
3.73	52.00	2428	

Reviewer: D7UM, 22-Jul-2025 11:10:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

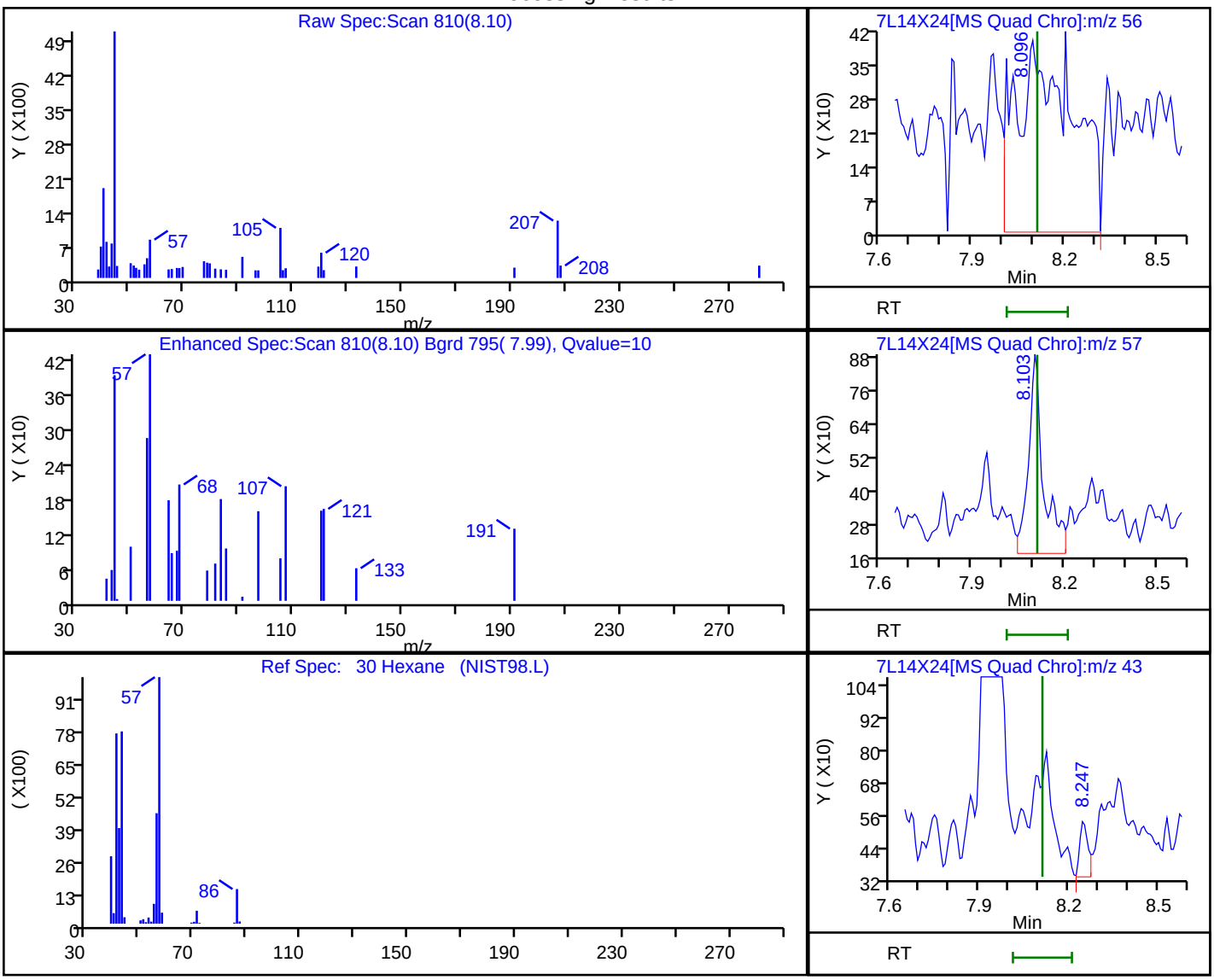
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X24.D				
Injection Date:	15-Jul-2025 02:18:54	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-9	Lab Sample ID:	410-233912-9		
Client ID:	2018				
Operator ID:	jts91224	ALS Bottle#:	19	Worklist Smp#:	50
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

30 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
8.10	56.00	5051	0.125153
8.10	57.00	2397	
8.25	43.00	380	
8.11	86.00	0	

Reviewer: D7UM, 22-Jul-2025 11:10:43 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

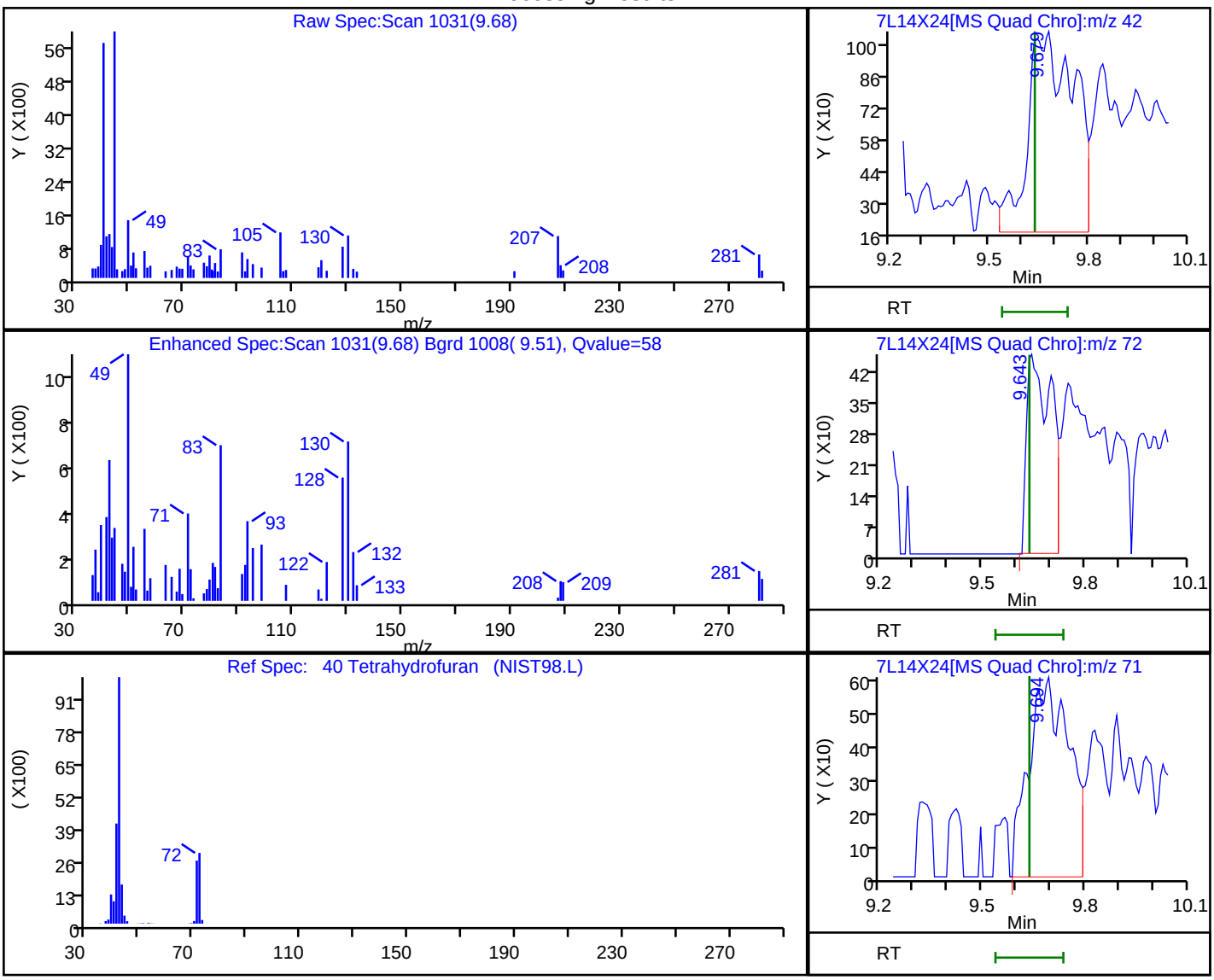
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X24.D				
Injection Date:	15-Jul-2025 02:18:54	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-9	Lab Sample ID:	410-233912-9		
Client ID:	2018				
Operator ID:	jts91224	ALS Bottle#:	19	Worklist Smp#:	50
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.68	42.00	8665	0.162342
9.64	72.00	2222	
9.69	71.00	4965	

Reviewer: D7UM, 22-Jul-2025 11:10:48 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

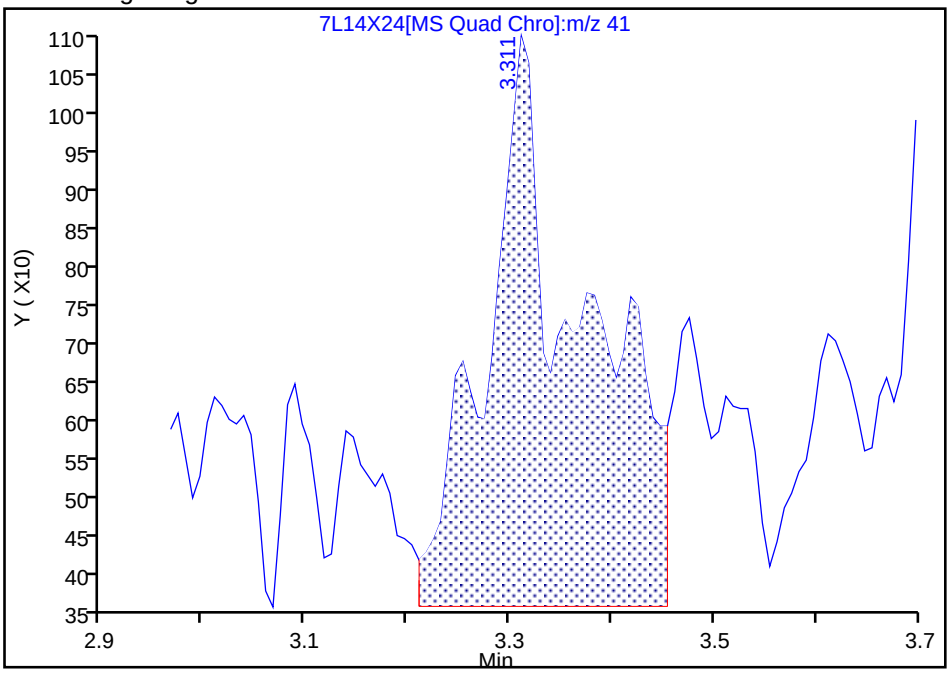
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X24.D				
Injection Date:	15-Jul-2025 02:18:54	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-9	Lab Sample ID:	410-233912-9		
Client ID:	2018				
Operator ID:	jts91224	ALS Bottle#:	19	Worklist Smp#:	50
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

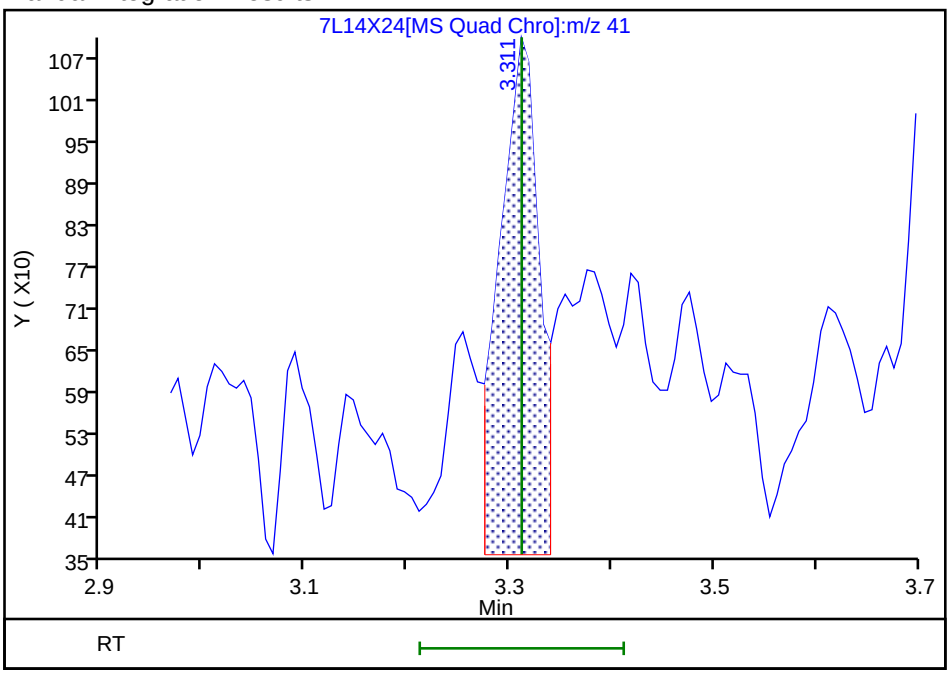
Processing Integration Results

RT: 3.31
Area: 5030
Amount: 0.186912
Amount Units: ppb v/v



Manual Integration Results

RT: 3.31
Area: 1934
Amount: 0.071866
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 11:10:30 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2048 Lab Sample ID: 410-233912-10

Matrix: Air Lab File ID: 7L14X25.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.0	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2048 Lab Sample ID: 410-233912-10

Matrix: Air Lab File ID: 7L14X25.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2048 Lab Sample ID: 410-233912-10

Matrix: Air Lab File ID: 7L14X25.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2048 Lab Sample ID: 410-233912-10

Matrix: Air Lab File ID: 7L14X25.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X25.D
Lims ID: 410-233912-A-10
Client ID: 2048
Sample Type: Client
Inject. Date: 15-Jul-2025 02:54:38 ALS Bottle#: 20 Worklist Smp#: 51
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: CCN10071
Misc. Info.: 410-0153358-022
Operator ID: jts91224 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 10-Aug-2025 19:47:51 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: D7UM Date: 22-Jul-2025 11:13:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.312	0.000	92	3945	0.1470	M
15 Acrolein	56	6.141	6.148	-0.007	21	3513	0.1978	7M
18 Acetone	43	6.377	6.377	0.000	98	133326	2.02	
21 Isopropyl alcohol	45	6.599	6.585	0.014	96	17622	0.3082	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	94	4625	0.1722	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	90	635592	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2402930	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2149646	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

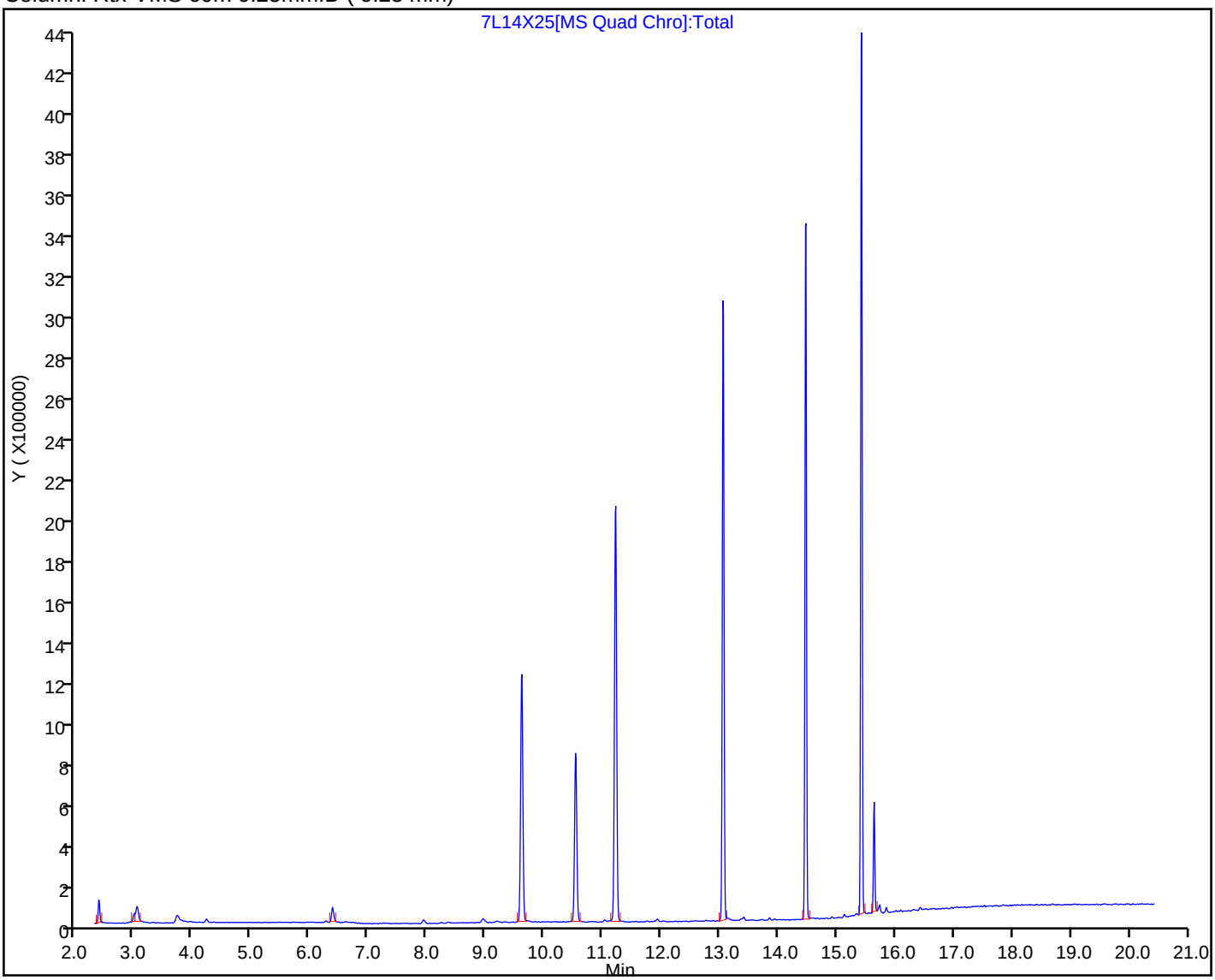
AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:49:00 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X25.D				
Injection Date:	15-Jul-2025 02:54:38	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-10	Lab Sample ID:	410-233912-10		
Client ID:	2048				
Operator ID:	jts91224	ALS Bottle#:	20	Worklist Smp#:	51
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

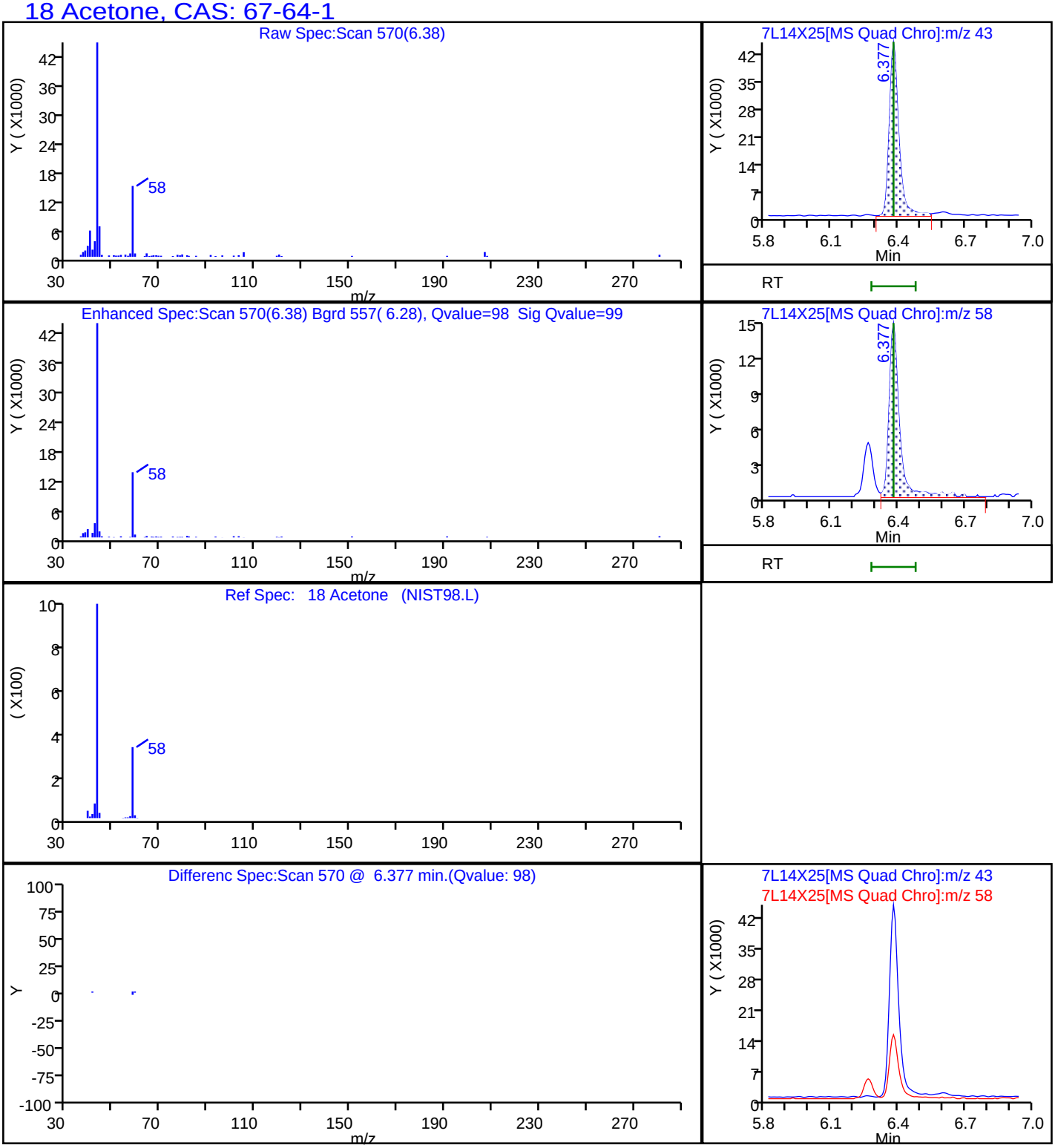


Report Date: 10-Aug-2025 19:49:00 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X25.D				
Injection Date:	15-Jul-2025 02:54:38	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-10	Lab Sample ID:	410-233912-10		
Client ID:	2048				
Operator ID:	jts91224	ALS Bottle#:	20	Worklist Smp#:	51
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1



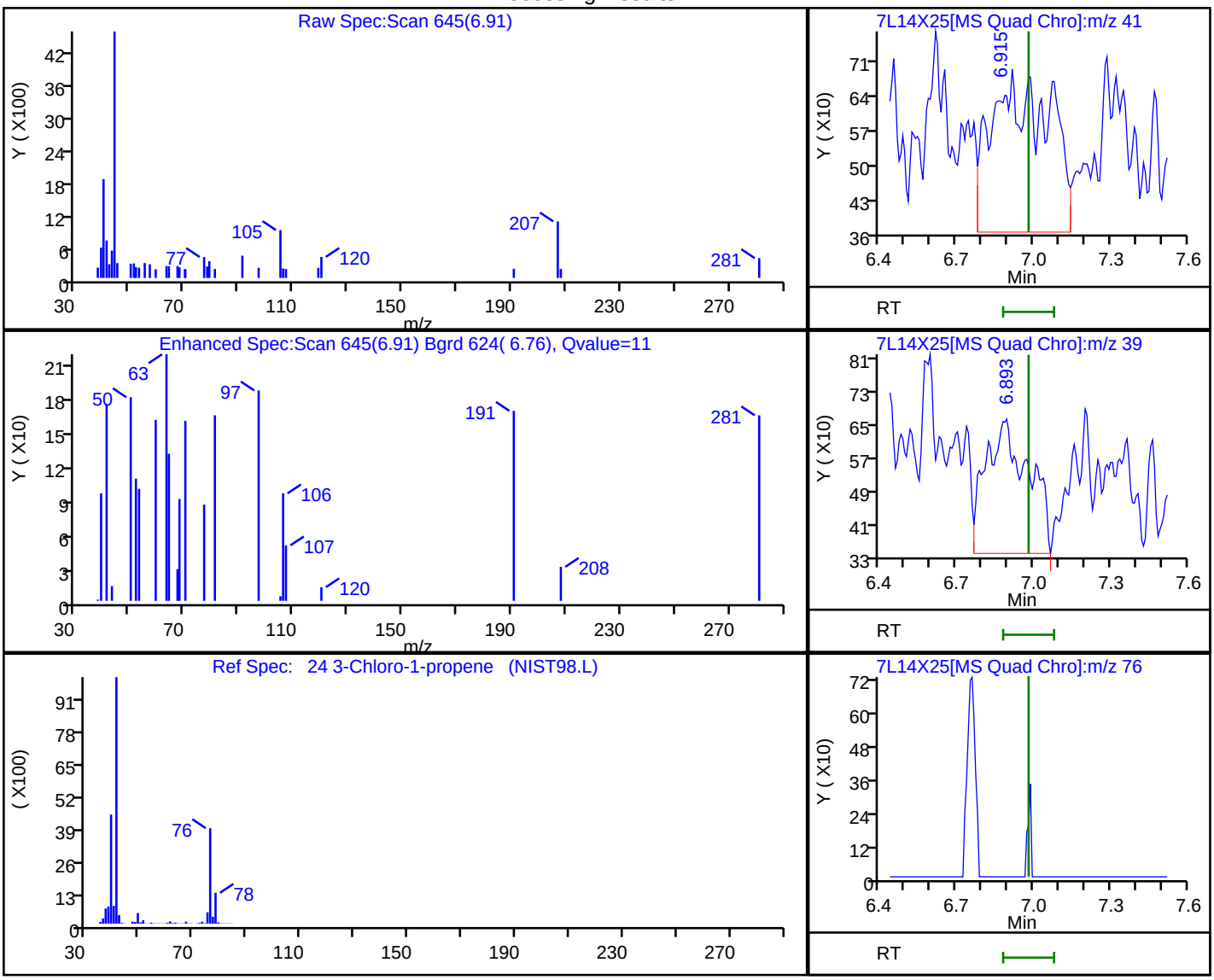
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X25.D				
Injection Date:	15-Jul-2025 02:54:38	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-10	Lab Sample ID:	410-233912-10		
Client ID:	2048				
Operator ID:	jts91224	ALS Bottle#:	20	Worklist Smp#:	51
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

24 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
6.91	41.00	4995	0.084663
6.89	39.00	3801	
6.98	76.00	0	

Reviewer: D7UM, 22-Jul-2025 11:12:10 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

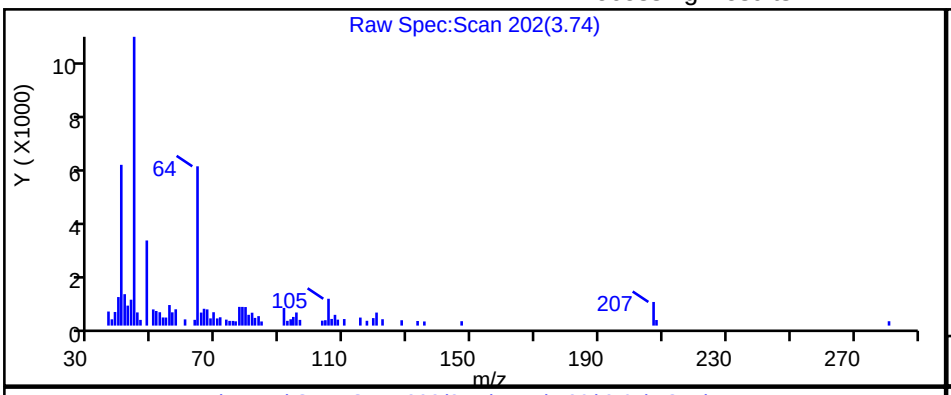
User Disabled Compound Report

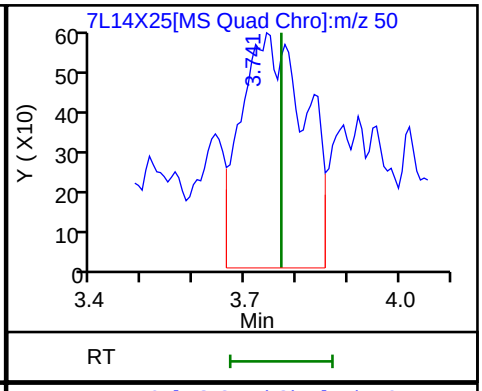
Eurofins Lancaster Laboratories Environment Testing, LLC

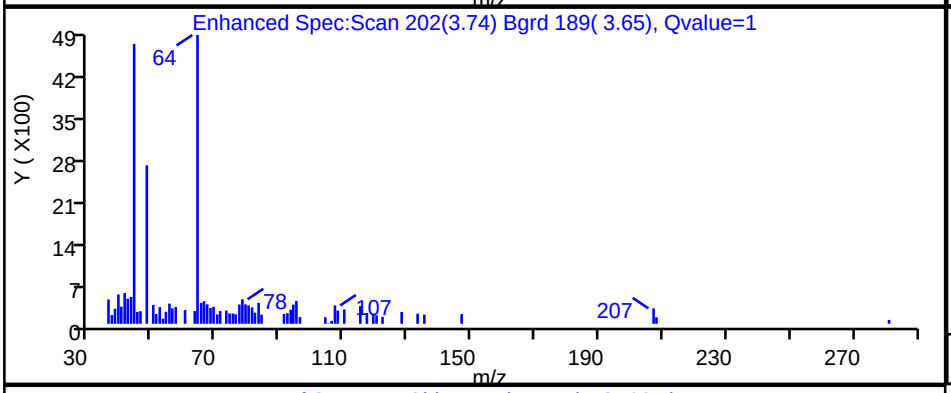
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X25.D				
Injection Date:	15-Jul-2025 02:54:38	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-10	Lab Sample ID:	410-233912-10		
Client ID:	2048				
Operator ID:	jts91224	ALS Bottle#:	20	Worklist Smp#:	51
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

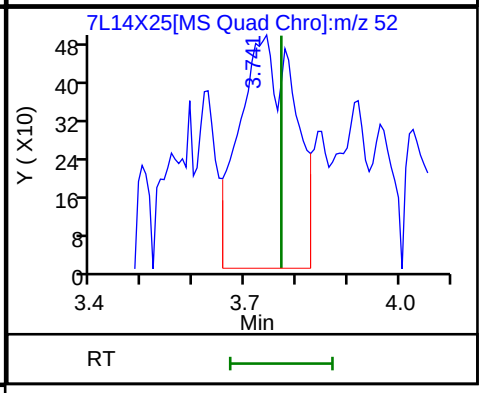
5 Chloromethane, CAS: 74-87-3

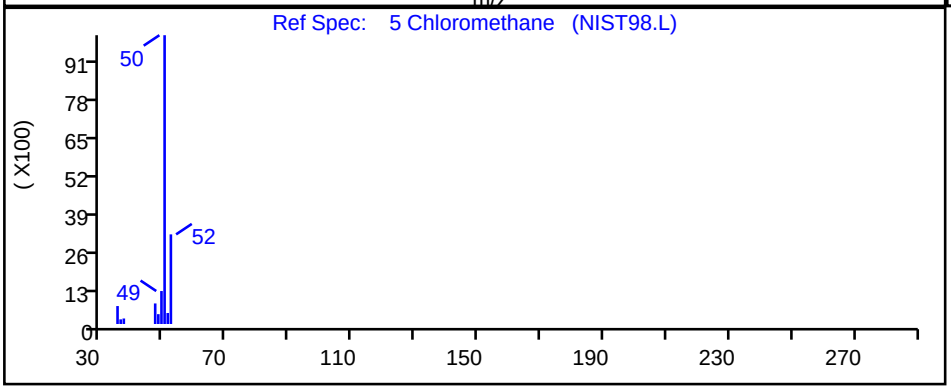
Processing Results











RT	Mass	Response	Amount
3.74	50.00	5199	0.146736
3.74	52.00	3686	

Reviewer: D7UM, 22-Jul-2025 11:11:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

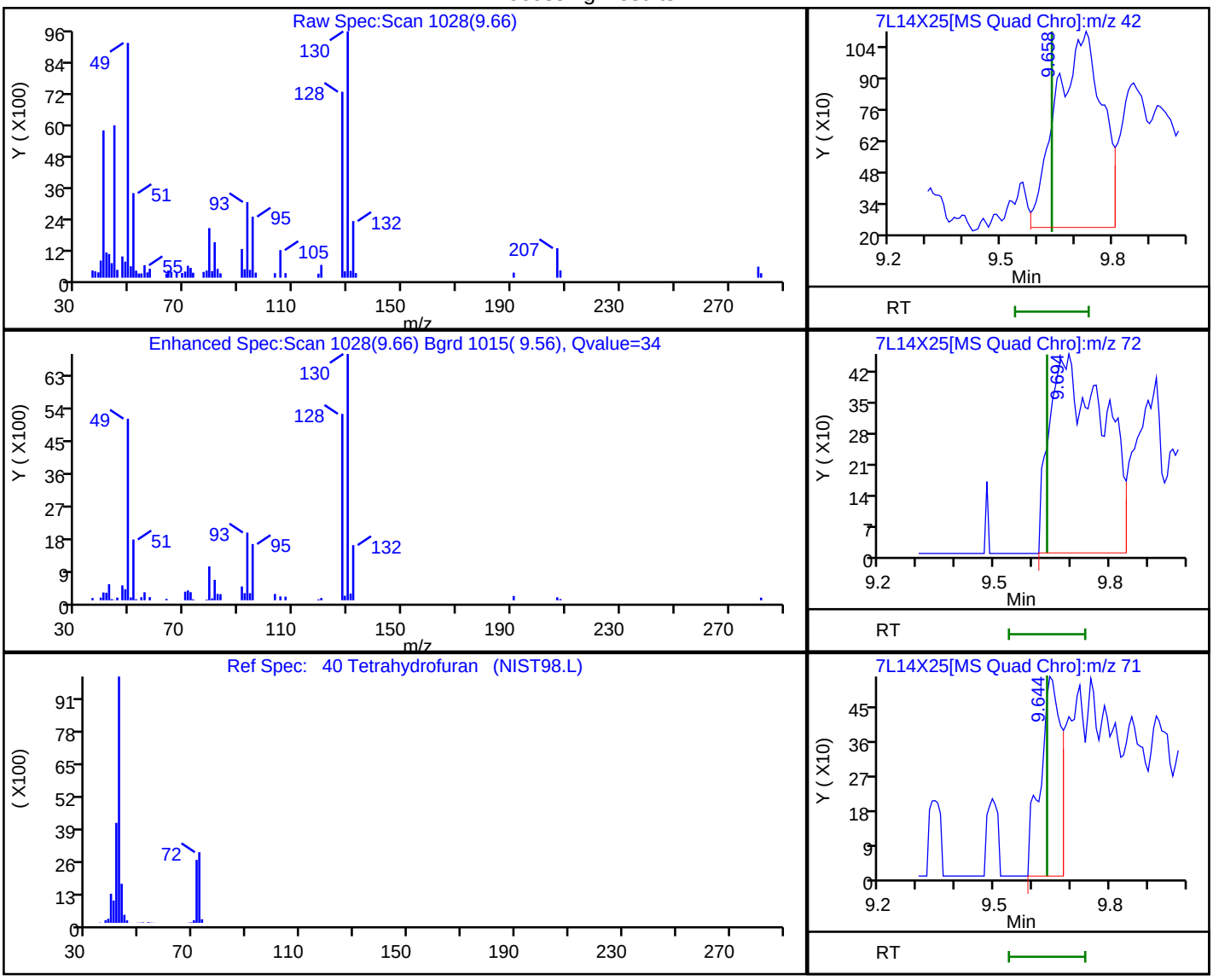
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X25.D				
Injection Date:	15-Jul-2025 02:54:38	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-10	Lab Sample ID:	410-233912-10		
Client ID:	2048				
Operator ID:	jts91224	ALS Bottle#:	20	Worklist Smp#:	51
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.66	42.00	7632	0.143342
9.69	72.00	4457	
9.64	71.00	1866	

Reviewer: D7UM, 22-Jul-2025 11:12:16 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

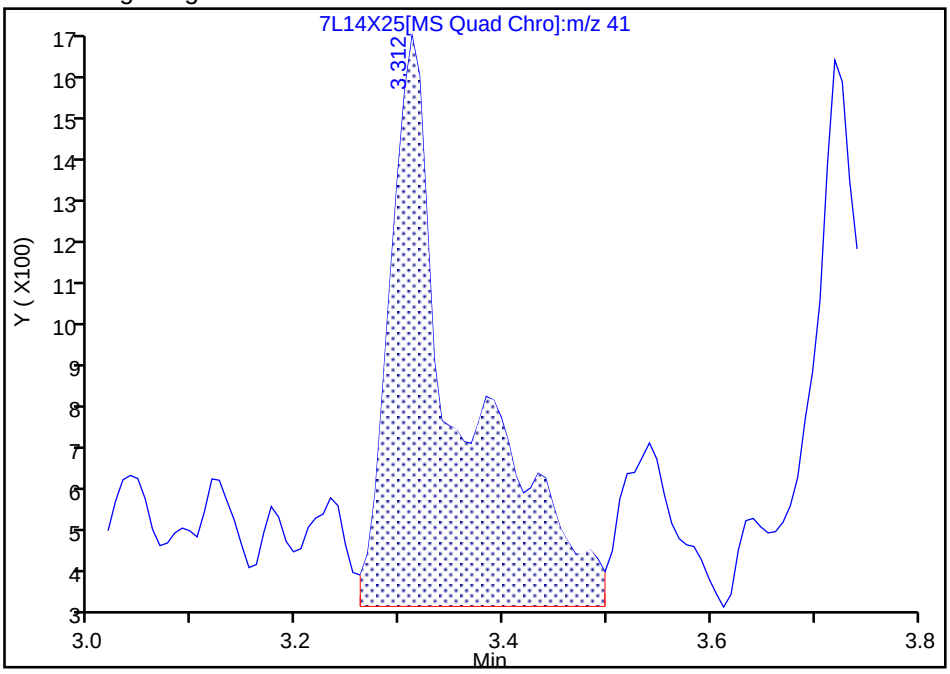
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Lims ID:	410-233912-A-10	Lab Sample ID:	410-233912-10		
Client ID:	2048				
Operator ID:	jts91224	ALS Bottle#:	20	Worklist Smp#:	51
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

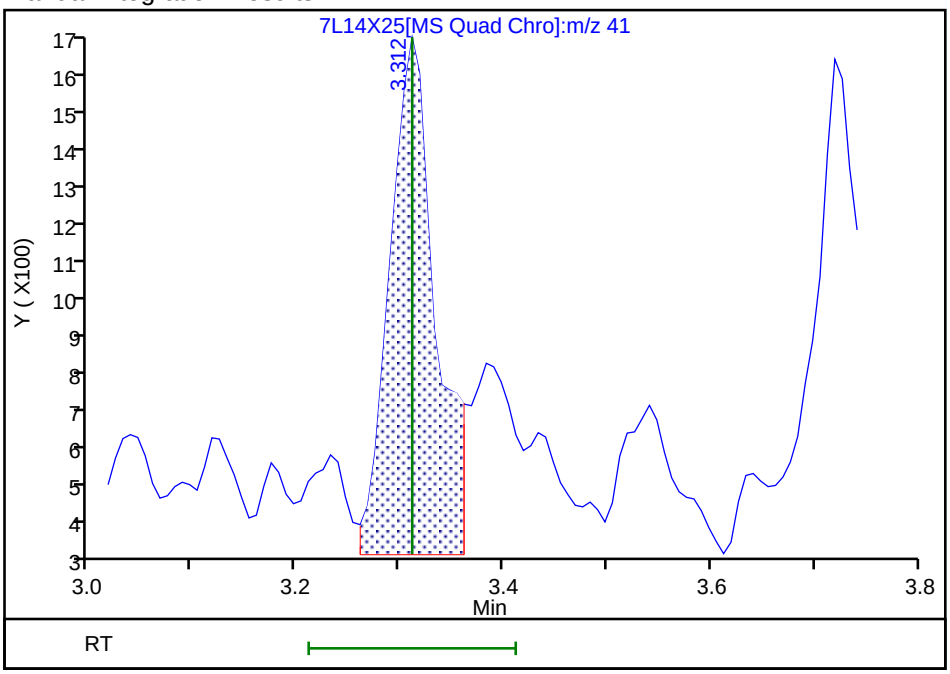
Processing Integration Results

RT: 3.31
Area: 6204
Amount: 0.231108
Amount Units: ppb v/v



Manual Integration Results

RT: 3.31
Area: 3945
Amount: 0.146957
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 11:11:53 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

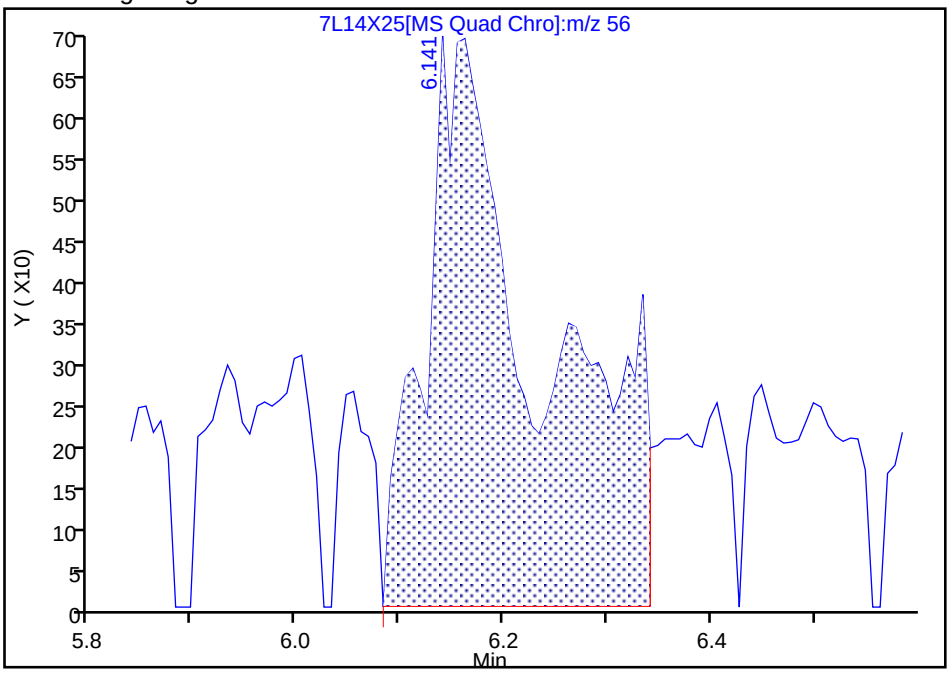
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X25.D				
Injection Date:	15-Jul-2025 02:54:38	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-10	Lab Sample ID:	410-233912-10		
Client ID:	2048				
Operator ID:	jts91224	ALS Bottle#:	20	Worklist Smp#:	51
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

15 Acrolein, CAS: 107-02-8

Signal: 1

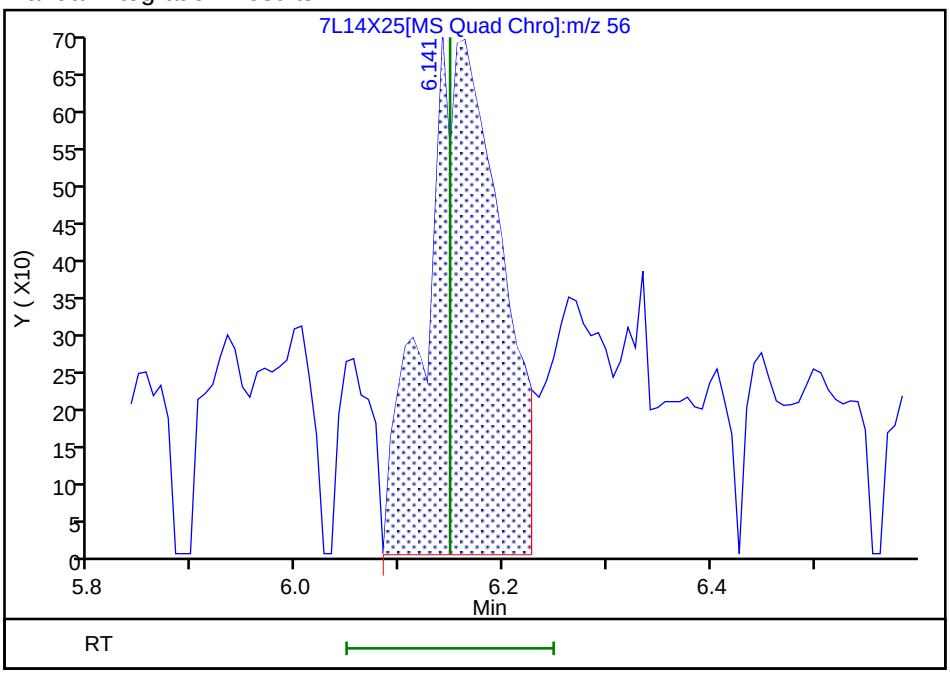
Processing Integration Results

RT: 6.14
Area: 5470
Amount: 0.320784
Amount Units: ppb v/v



Manual Integration Results

RT: 6.14
Area: 3513
Amount: 0.197821
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 11:12:05 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2060 Lab Sample ID: 410-233912-11

Matrix: Air Lab File ID: 7L14X26.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 03:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.4	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2060 Lab Sample ID: 410-233912-11

Matrix: Air Lab File ID: 7L14X26.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 03:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2060 Lab Sample ID: 410-233912-11

Matrix: Air Lab File ID: 7L14X26.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 03:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2060 Lab Sample ID: 410-233912-11

Matrix: Air Lab File ID: 7L14X26.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 03:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X26.D
Lims ID: 410-233912-A-11
Client ID: 2060
Sample Type: Client
Inject. Date: 15-Jul-2025 03:30:13 ALS Bottle#: 21 Worklist Smp#: 52
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: CCN10067
Misc. Info.: 410-0153358-023
Operator ID: jts91224 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 10-Aug-2025 19:47:51 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: D7UM Date: 22-Jul-2025 11:14:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.311	3.312	-0.001	78	2852	0.1047	M
18 Acetone	43	6.377	6.377	0.000	96	90394	1.35	
21 Isopropyl alcohol	45	6.592	6.585	0.007	83	17553	0.3027	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	88	4957	0.1820	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	644669	10.0	
* 51 1,4-Difluorobenzene	114	11.219	11.220	-0.001	94	2431786	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2171905	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:49:02 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X26.D

Injection Date: 15-Jul-2025 03:30:13 Instrument ID: HP8R004

Lims ID: 410-233912-A-11 Lab Sample ID: 410-233912-11

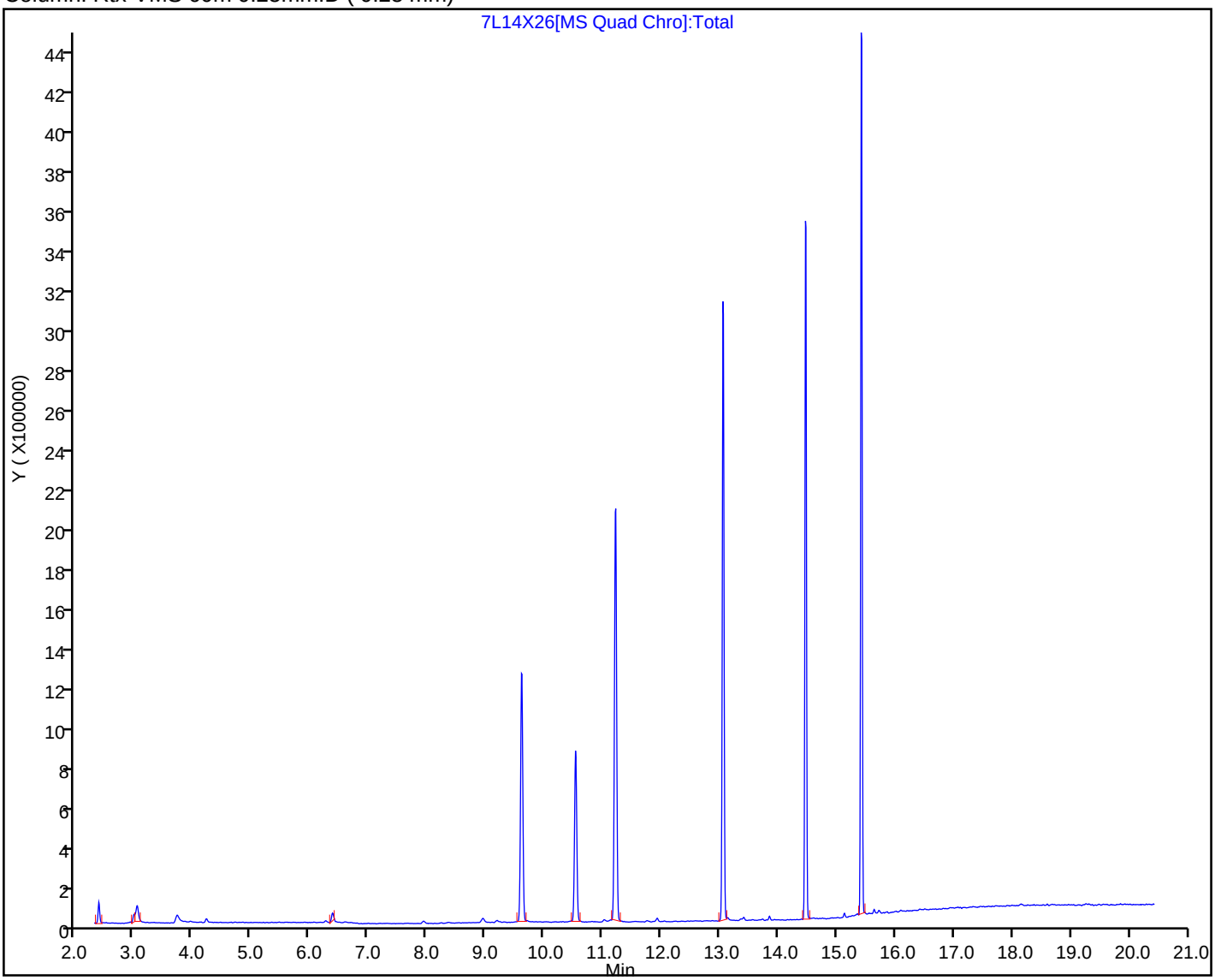
Client ID: 2060

Operator ID: jts91224 ALS Bottle#: 21 Worklist Smp#: 52

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

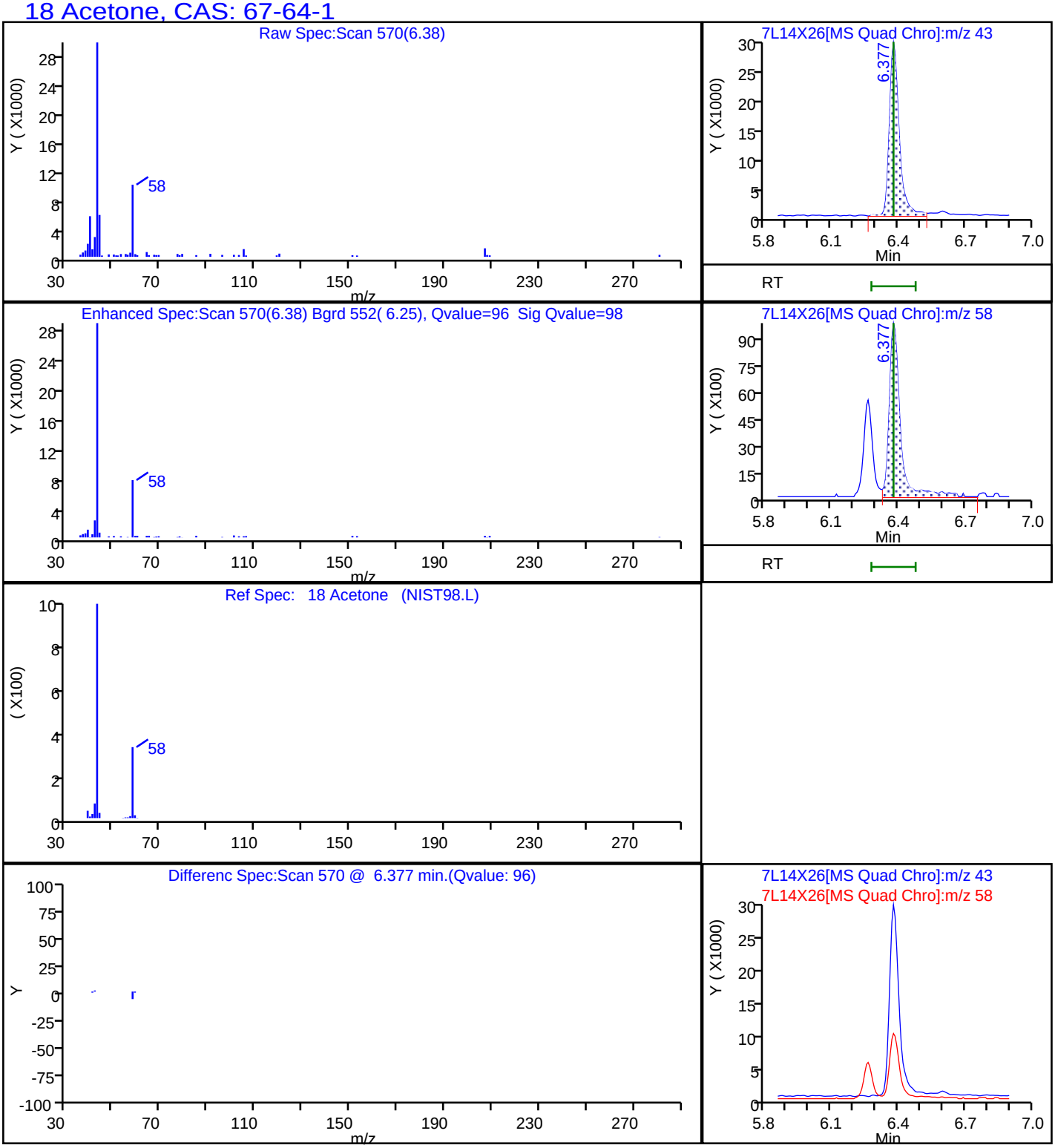


Report Date: 10-Aug-2025 19:49:02 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X26.D				
Injection Date:	15-Jul-2025 03:30:13	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-11	Lab Sample ID:	410-233912-11		
Client ID:	2060				
Operator ID:	jts91224	ALS Bottle#:	21	Worklist Smp#:	52
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1



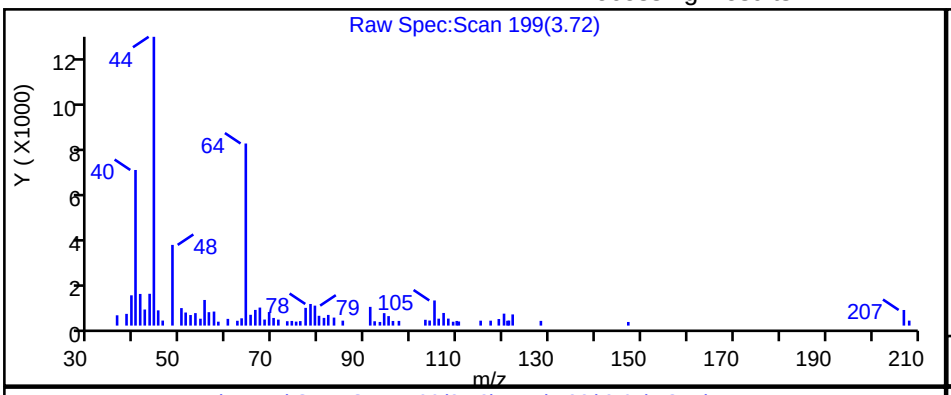
User Disabled Compound Report

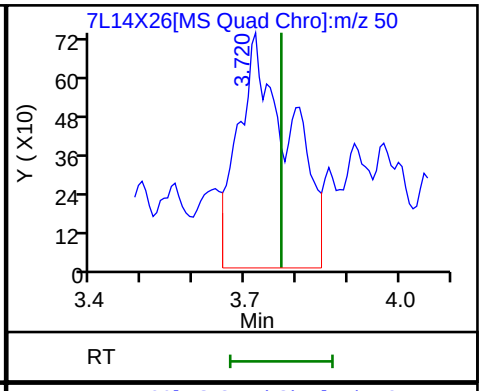
Eurofins Lancaster Laboratories Environment Testing, LLC

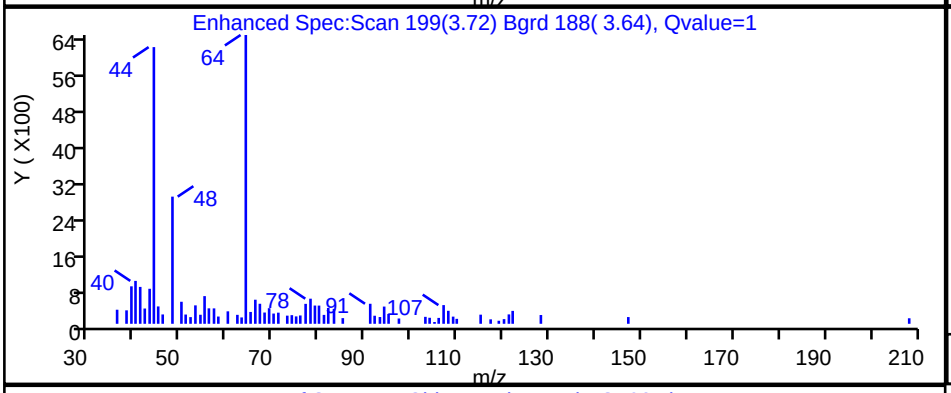
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X26.D				
Injection Date:	15-Jul-2025 03:30:13	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-11	Lab Sample ID:	410-233912-11		
Client ID:	2060				
Operator ID:	jts91224	ALS Bottle#:	21	Worklist Smp#:	52
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

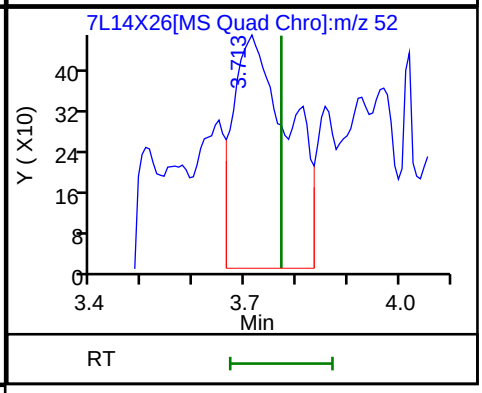
5 Chloromethane, CAS: 74-87-3

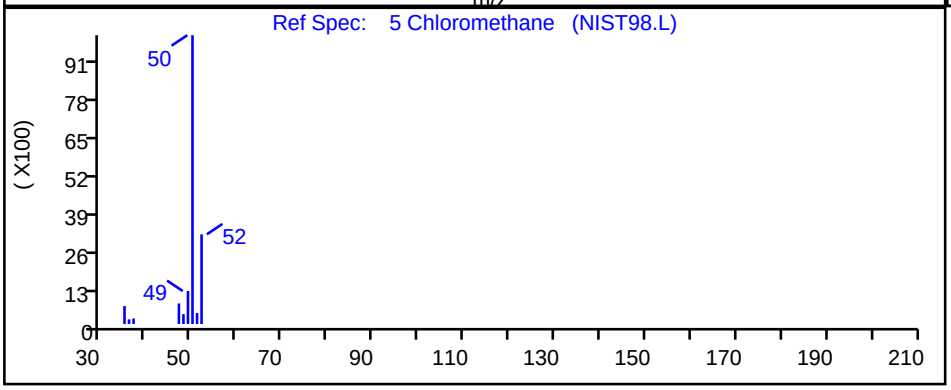
Processing Results











RT	Mass	Response	Amount
3.72	50.00	5093	0.141721
3.71	52.00	3468	

Reviewer: D7UM, 22-Jul-2025 11:13:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

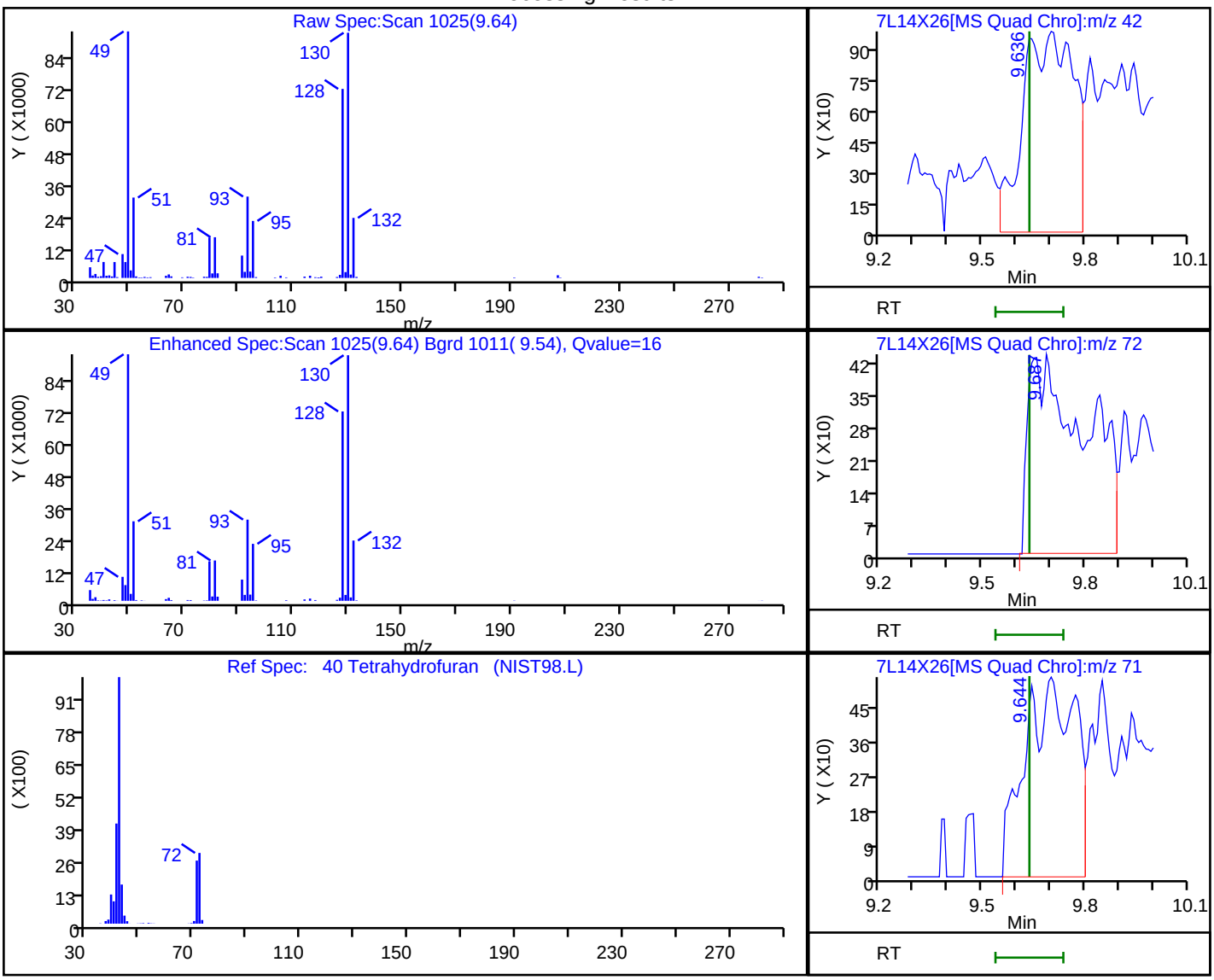
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X26.D				
Injection Date:	15-Jul-2025 03:30:13	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-11	Lab Sample ID:	410-233912-11		
Client ID:	2060				
Operator ID:	jts91224	ALS Bottle#:	21	Worklist Smp#:	52
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.64	42.00	10191	0.188710
9.69	72.00	4998	
9.64	71.00	5290	

Reviewer: D7UM, 22-Jul-2025 11:14:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

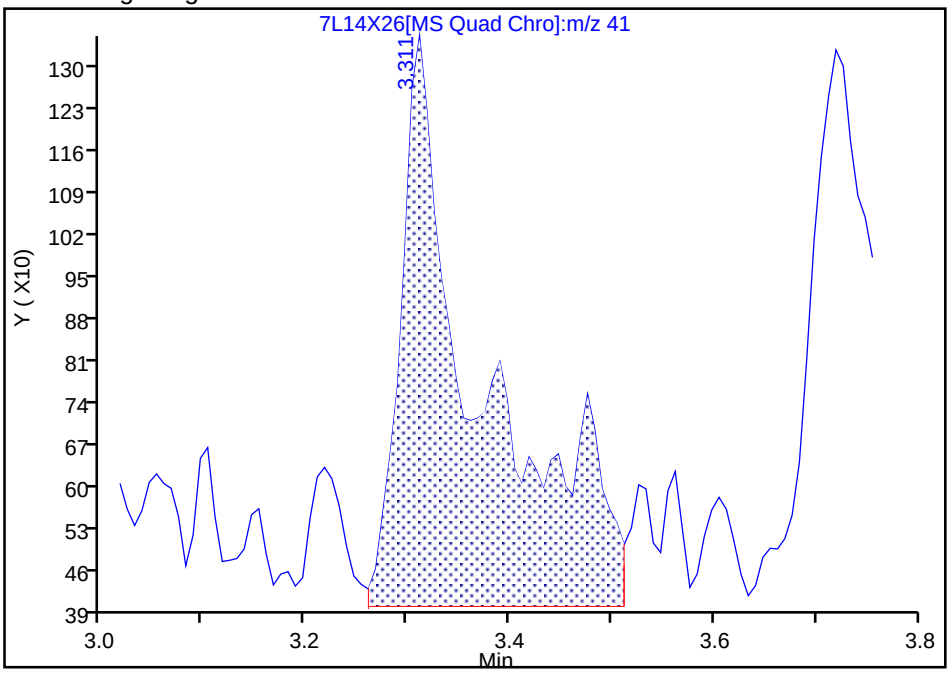
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X26.D				
Injection Date:	15-Jul-2025 03:30:13	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-11	Lab Sample ID:	410-233912-11		
Client ID:	2060				
Operator ID:	jts91224	ALS Bottle#:	21	Worklist Smp#:	52
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

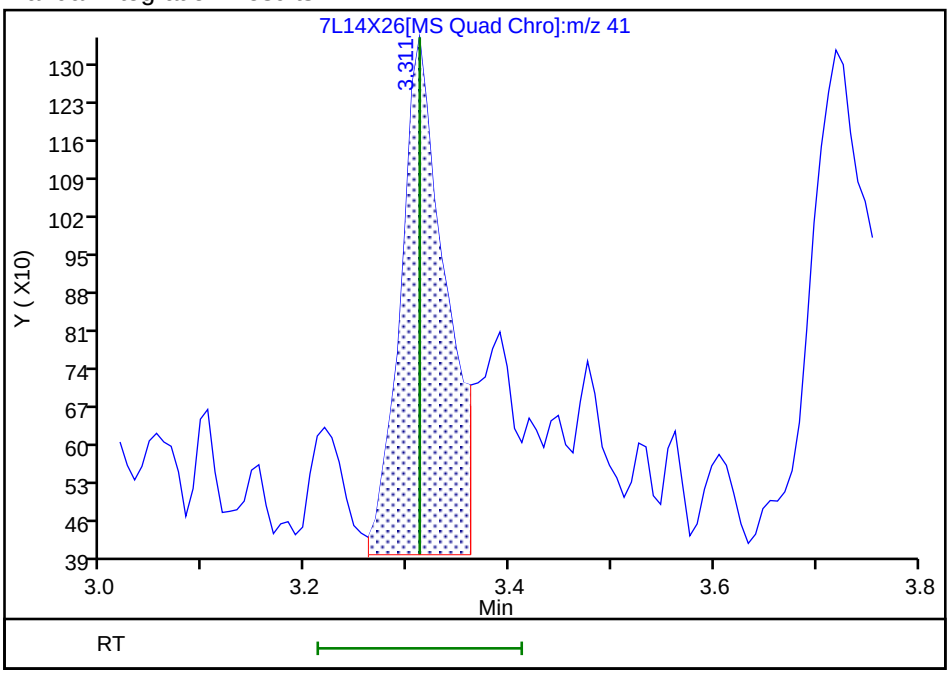
Processing Integration Results

RT: 3.31
Area: 5176
Amount: 0.190098
Amount Units: ppb v/v



Manual Integration Results

RT: 3.31
Area: 2852
Amount: 0.104745
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 11:13:27 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

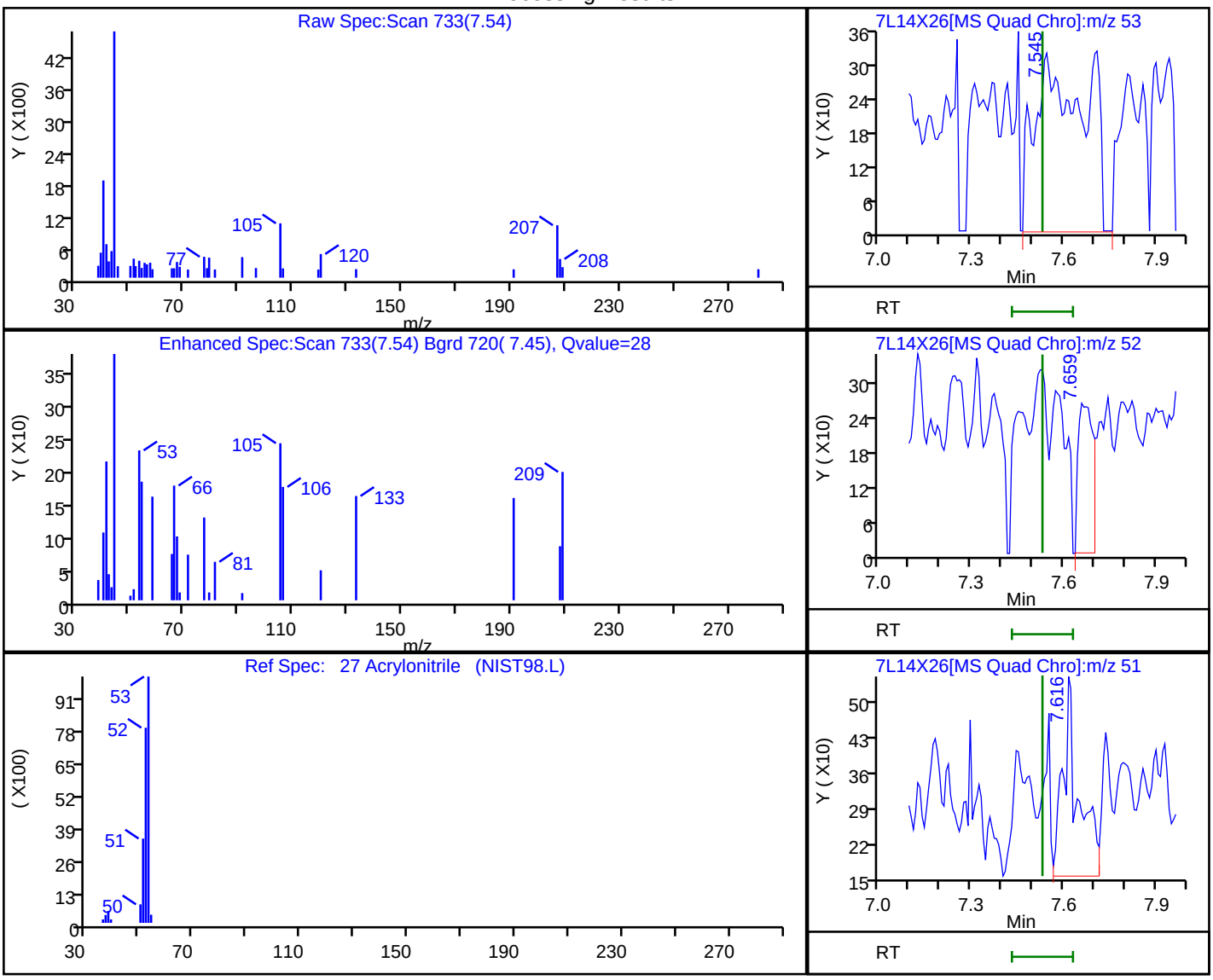
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X26.D				
Injection Date:	15-Jul-2025 03:30:13	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-11	Lab Sample ID:	410-233912-11		
Client ID:	2060				
Operator ID:	jts91224	ALS Bottle#:	21	Worklist Smp#:	52
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

27 Acrylonitrile, CAS: 107-13-1

Processing Results



RT	Mass	Response	Amount
7.54	53.00	3565	0.087426
7.66	52.00	844	
7.62	51.00	1352	

Reviewer: D7UM, 22-Jul-2025 11:13:43 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2119 Lab Sample ID: 410-236802-1

Matrix: Air Lab File ID: 7G08X17.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 17:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2119 Lab Sample ID: 410-236802-1

Matrix: Air Lab File ID: 7G08X17.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 17:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2119 Lab Sample ID: 410-236802-1

Matrix: Air Lab File ID: 7G08X17.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 17:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2119 Lab Sample ID: 410-236802-1

Matrix: Air Lab File ID: 7G08X17.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 17:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X17.D				
Lims ID:	410-236802-A-1				
Client ID:	2119				
Sample Type:	Client				
Inject. Date:	08-Aug-2025 17:47:19	ALS Bottle#:	10	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc2119				
Misc. Info.:	410-0155958-018				
Operator ID:	sn105465	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	12-Aug-2025 10:45:14	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1610				
First Level Reviewer: D7UM		Date:	11-Aug-2025 13:29:24		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	6.385	6.391	0.007	99	63873	1.08	
21 Isopropyl alcohol	45	6.599	6.592	0.014	90	22302	0.4337	
* 39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	571622	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1999114	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	85	1915072	10.0	

QC Flag Legend

Processing Flags

Reagents:

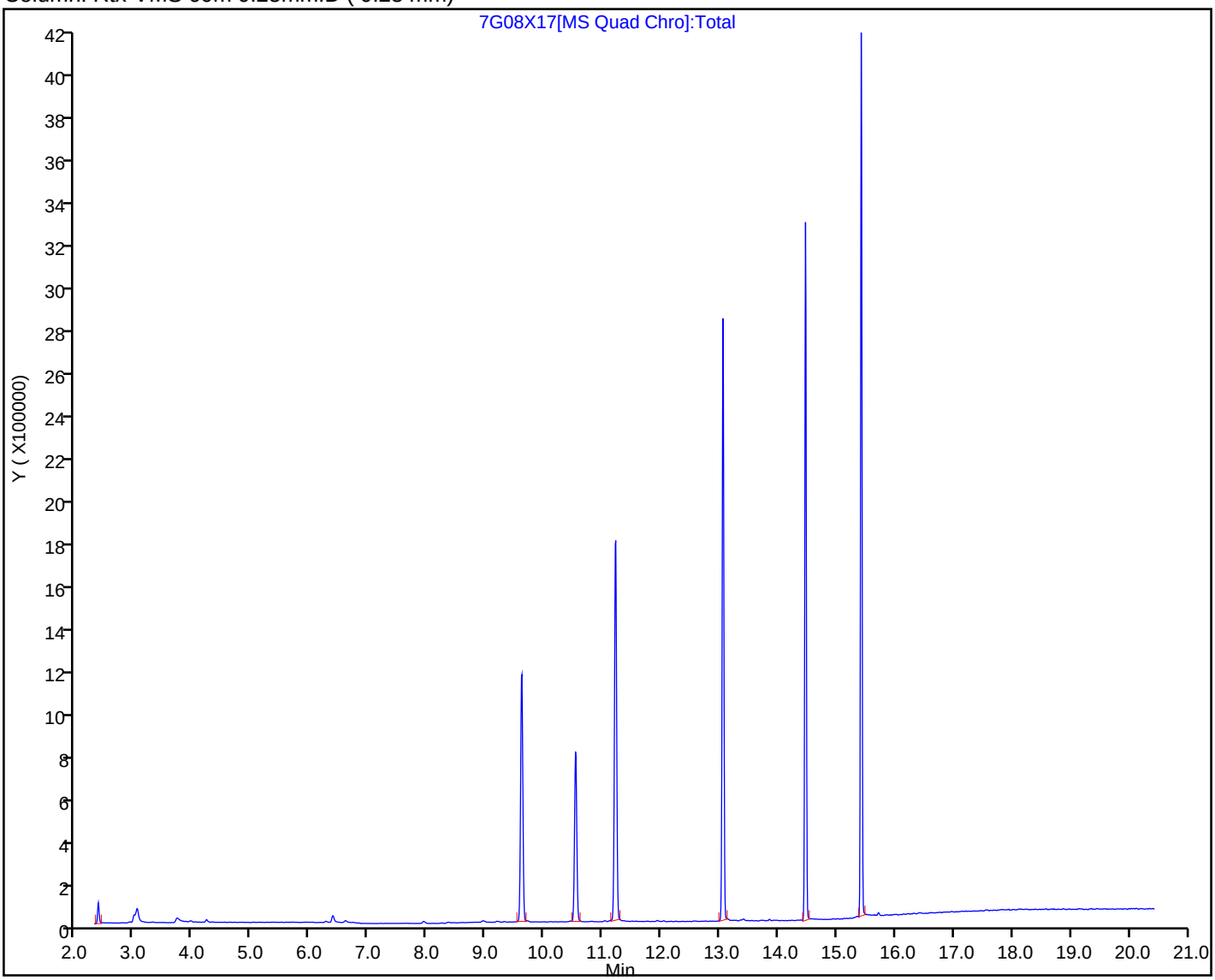
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:04:43 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	08-Aug-2025 17:47:19	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-1	Lab Sample ID:	410-236802-1		
Client ID:	2119				
Operator ID:	sn105465	ALS Bottle#:	10	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

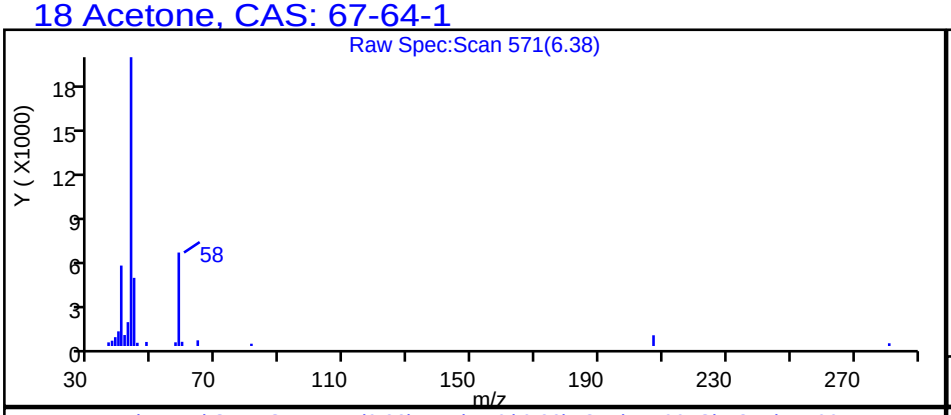


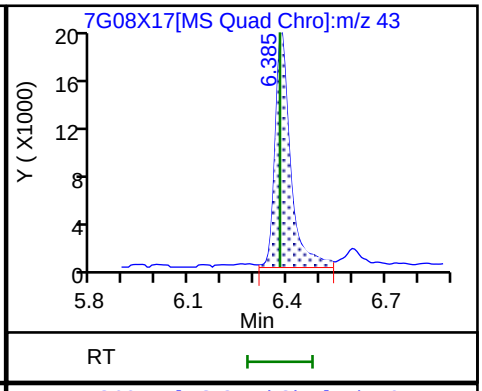
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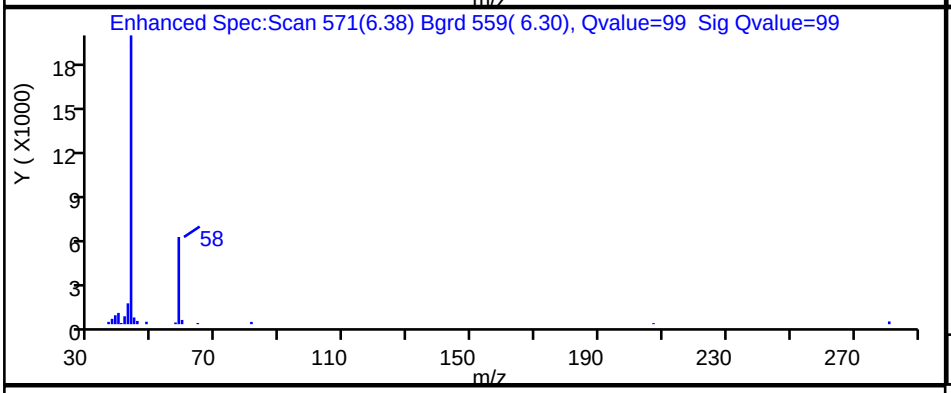
Eurofins Lancaster Laboratories Environment Testing, LLC

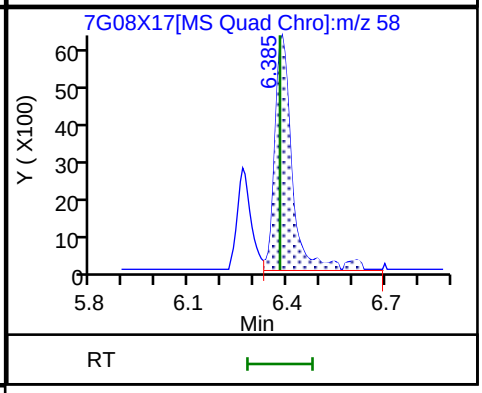
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Injection Date:	08-Aug-2025 17:47:19	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-1	Lab Sample ID:	410-236802-1		
Client ID:	2119				
Operator ID:	sn105465	ALS Bottle#:	10	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

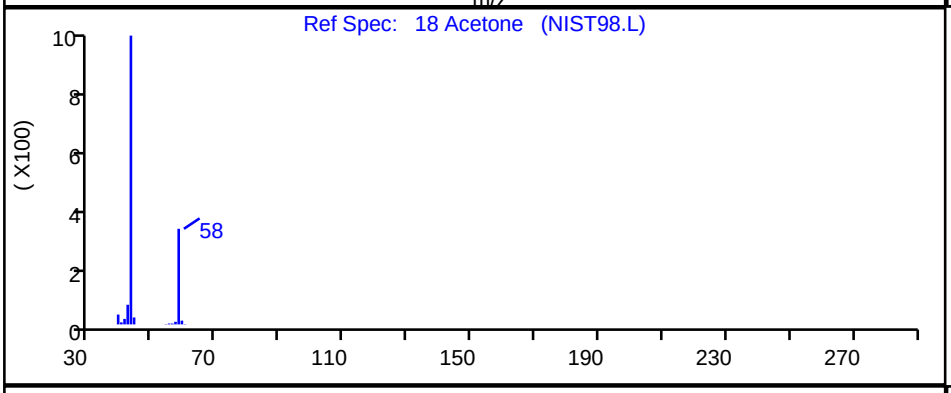
18 Acetone, CAS: 67-64-1

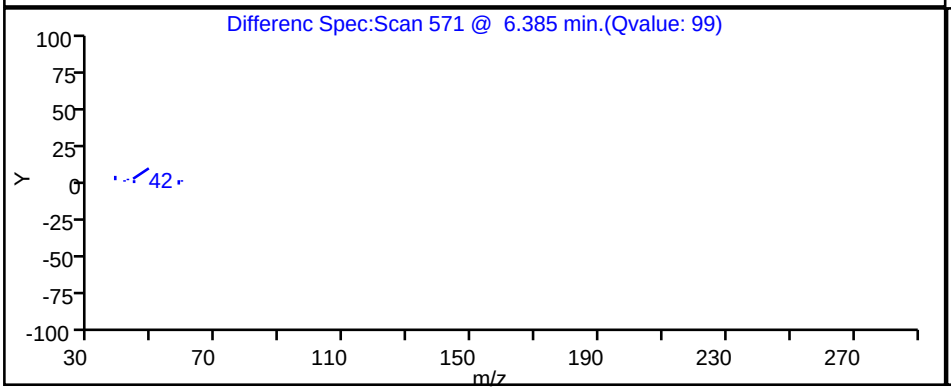


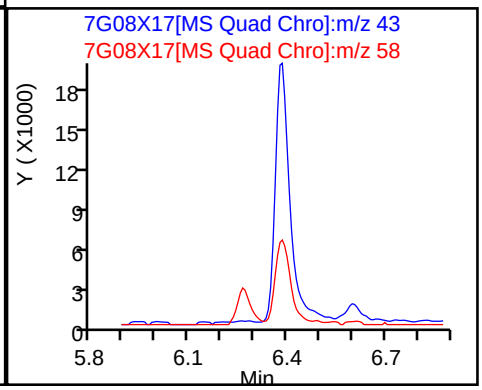












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2121 Lab Sample ID: 410-236802-2

Matrix: Air Lab File ID: 7G08X18.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.24	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.2	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2121 Lab Sample ID: 410-236802-2

Matrix: Air Lab File ID: 7G08X18.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2121 Lab Sample ID: 410-236802-2

Matrix: Air Lab File ID: 7G08X18.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2121 Lab Sample ID: 410-236802-2

Matrix: Air Lab File ID: 7G08X18.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X18.D				
Lims ID:	410-236802-A-2				
Client ID:	2121				
Sample Type:	Client				
Inject. Date:	08-Aug-2025 18:16:31	ALS Bottle#:	11	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc2121				
Misc. Info.:	410-0155958-019				
Operator ID:	sn105465	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	12-Aug-2025 10:45:14	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1610				
First Level Reviewer: D7UM		Date:	12-Aug-2025 10:23:52		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.290	3.318	-0.021	94	6148	0.2572	M
18 Acetone	43	6.363	6.391	-0.014	97	130072	2.22	
21 Isopropyl alcohol	45	6.585	6.592	0.000	94	25887	0.5084	
35 2-Butanone (MEK)	72	9.185	9.192	0.007	92	5778	0.2416	
* 39 Chlorobromomethane (IS)	130	9.608	9.608	0.000	94	566026	10.0	
* 51 1,4-Difluorobenzene	114	11.212	11.212	0.000	95	2007537	10.0	
70 2-Hexanone	43	13.727	13.727	0.008	90	7770	0.0959	
* 73 Chlorobenzene-d5 (IS)	117	14.464	14.464	0.000	87	1905104	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:04:46 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X18.D

Injection Date: 08-Aug-2025 18:16:31 Instrument ID: HP8R004

Lims ID: 410-236802-A-2 Lab Sample ID: 410-236802-2

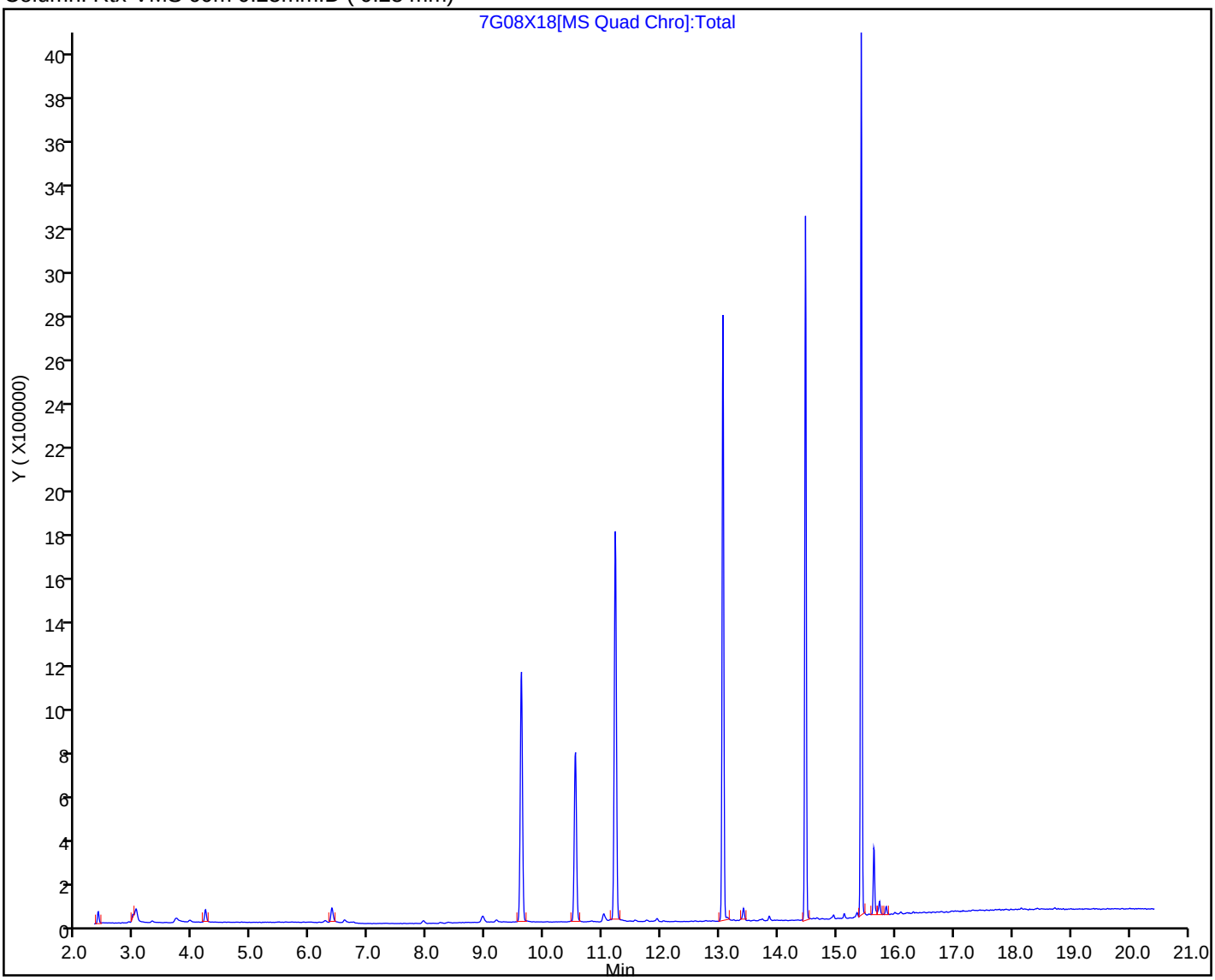
Client ID: 2121

Operator ID: sn105465 ALS Bottle#: 11 Worklist Smp#: 19

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

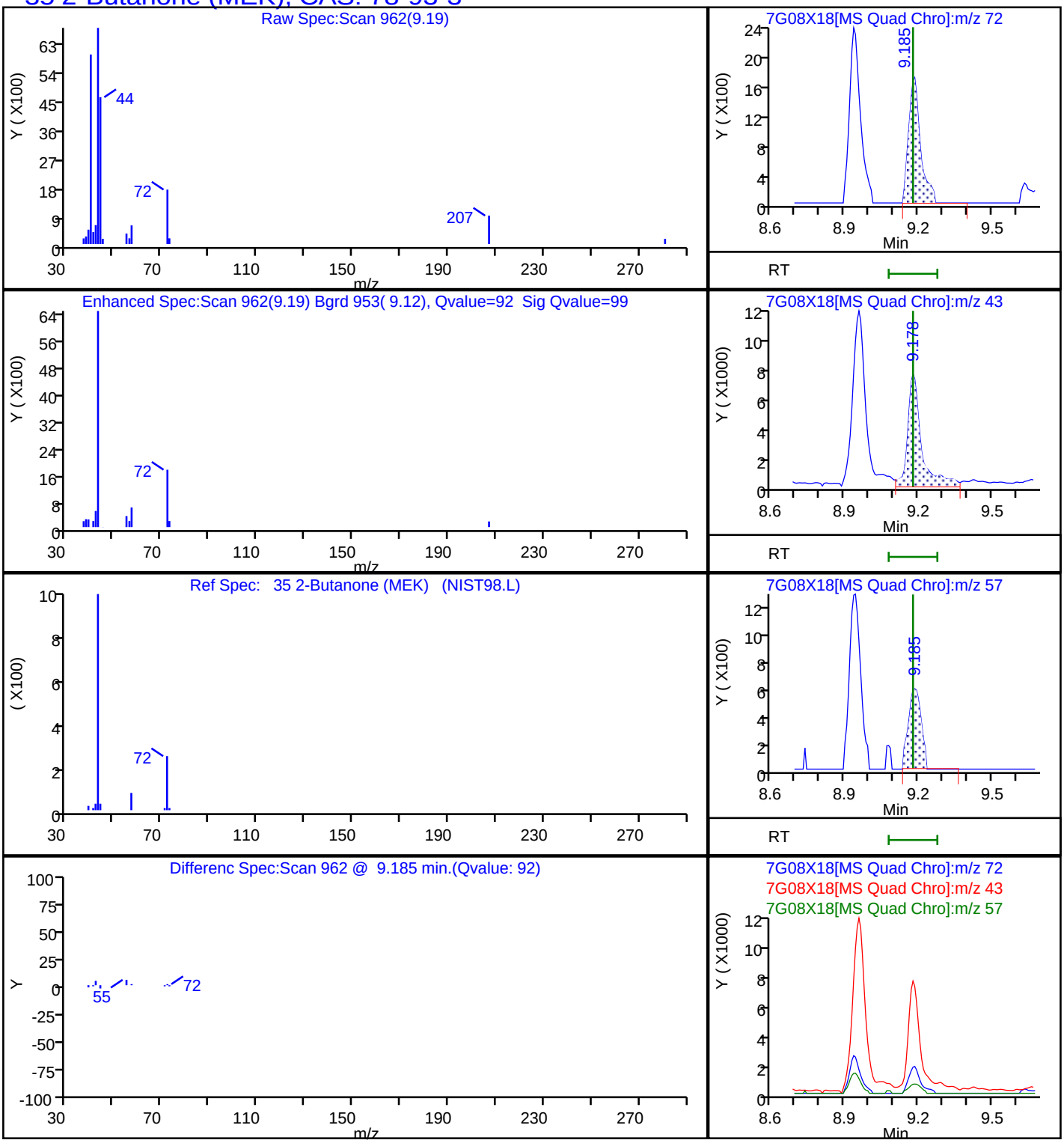


Report Date: 12-Aug-2025 14:04:46 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X18.D				
Injection Date:	08-Aug-2025 18:16:31	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-2	Lab Sample ID:	410-236802-2		
Client ID:	2121				
Operator ID:	sn105465	ALS Bottle#:	11	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

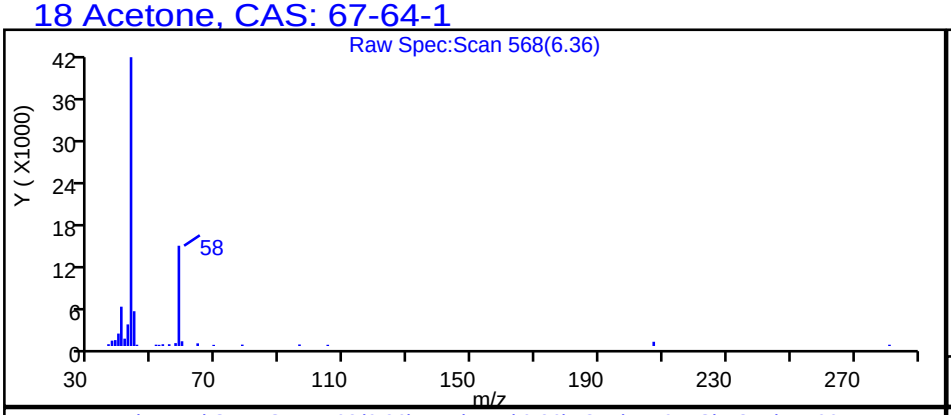


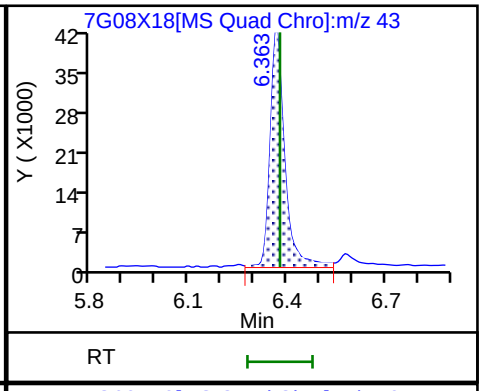
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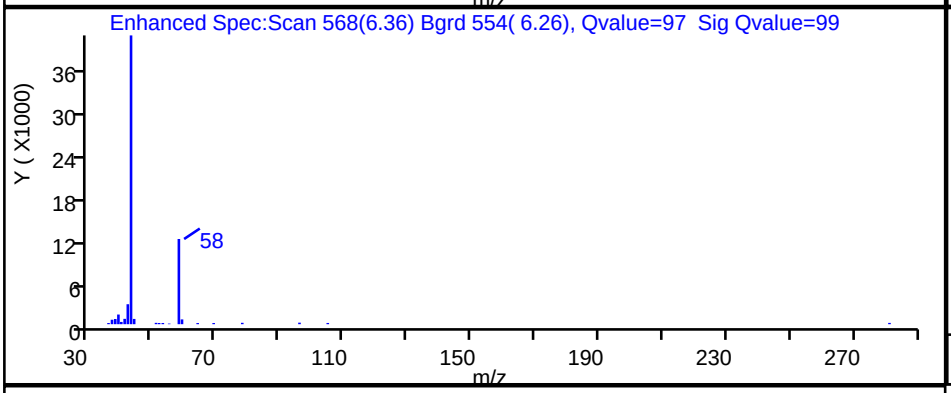
Eurofins Lancaster Laboratories Environment Testing, LLC

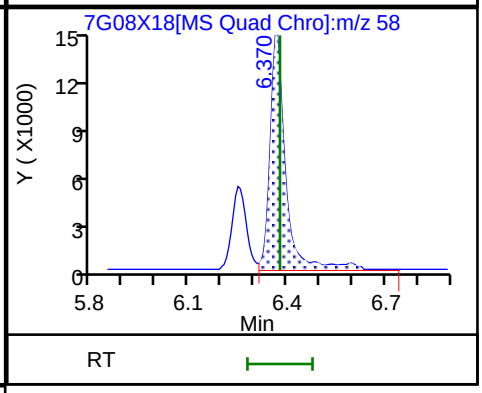
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Injection Date:	08-Aug-2025 18:16:31	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-2	Lab Sample ID:	410-236802-2		
Client ID:	2121				
Operator ID:	sn105465	ALS Bottle#:	11	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

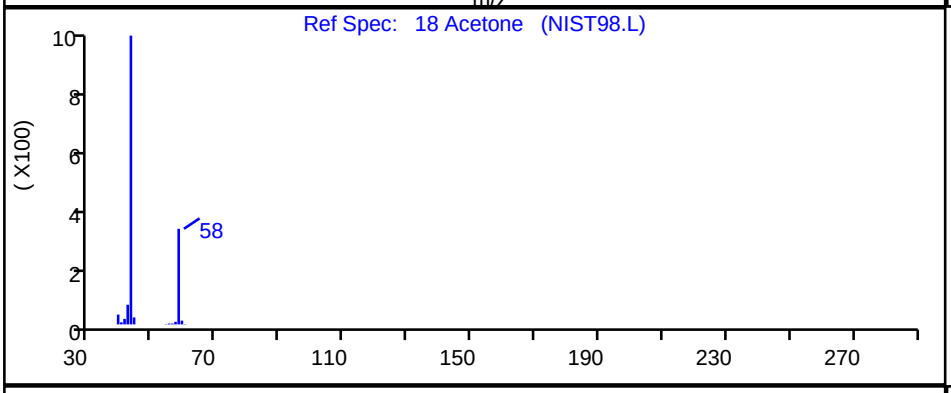
18 Acetone, CAS: 67-64-1

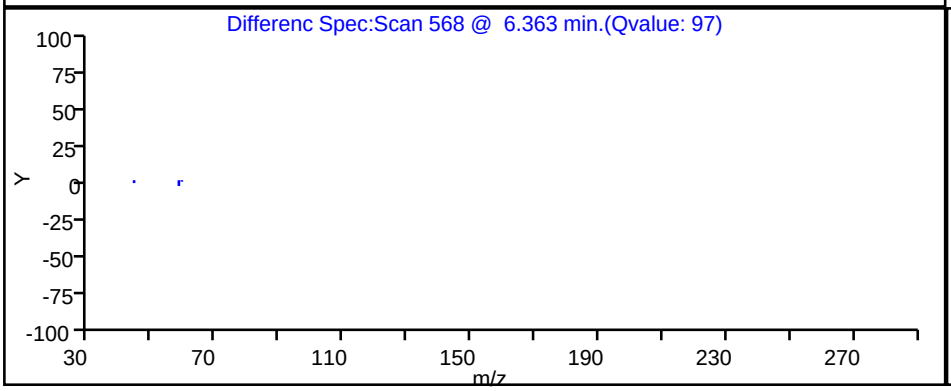


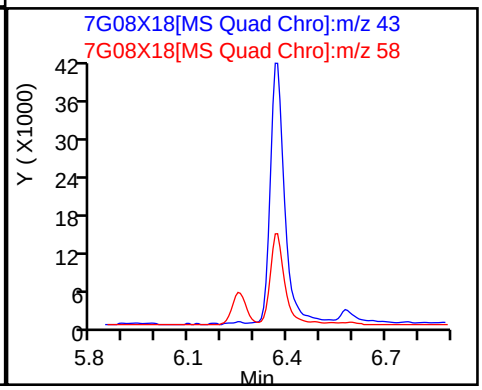












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

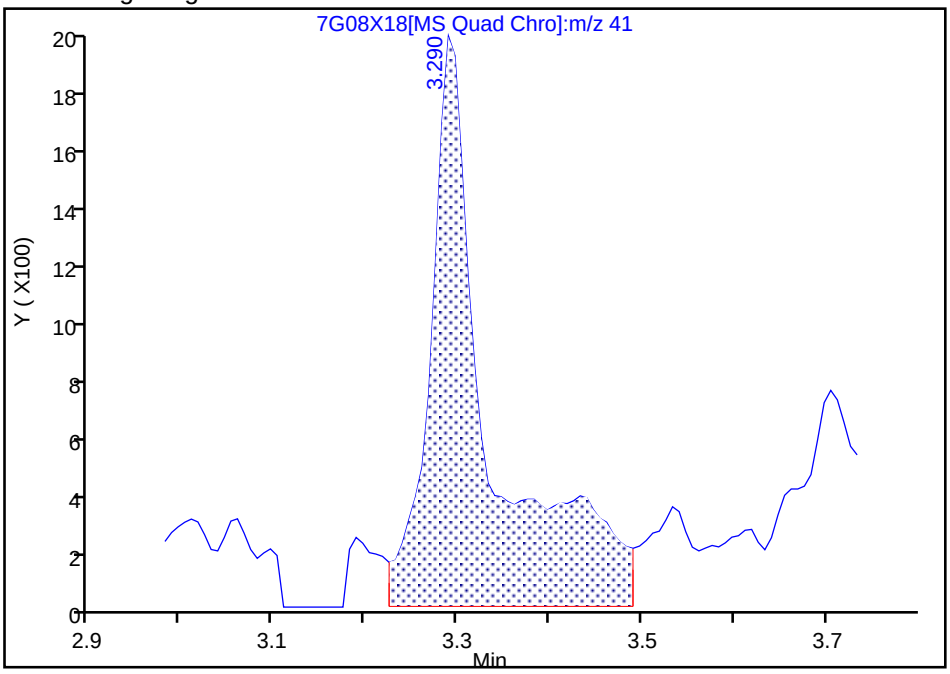
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Lims ID:	410-236802-A-2	Lab Sample ID:	410-236802-2		
Client ID:	2121				
Operator ID:	sn105465	ALS Bottle#:	11	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

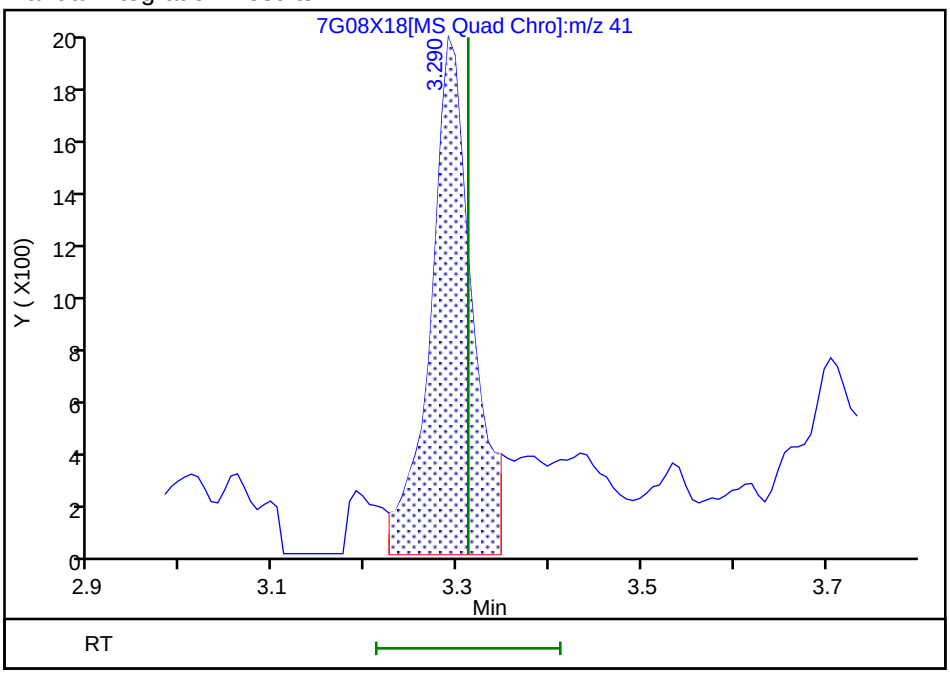
Processing Integration Results

RT: 3.29
Area: 9023
Amount: 0.377429
Amount Units: ppb v/v



Manual Integration Results

RT: 3.29
Area: 6148
Amount: 0.257169
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:22:26 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2120 Lab Sample ID: 410-236802-3

Matrix: Air Lab File ID: 7G08X19.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2120 Lab Sample ID: 410-236802-3

Matrix: Air Lab File ID: 7G08X19.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2120 Lab Sample ID: 410-236802-3

Matrix: Air Lab File ID: 7G08X19.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2120 Lab Sample ID: 410-236802-3

Matrix: Air Lab File ID: 7G08X19.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X19.D				
Lims ID:	410-236802-A-3				
Client ID:	2120				
Sample Type:	Client				
Inject. Date:	08-Aug-2025 18:45:46	ALS Bottle#:	12	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc2120				
Misc. Info.:	410-0155958-020				
Operator ID:	sn105465	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	12-Aug-2025 10:45:14	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1610				
First Level Reviewer: D7UM		Date:	12-Aug-2025 10:25:28		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.297	3.318	-0.014	86	1676	0.0705	7M
18 Acetone	43	6.377	6.391	0.000	95	64556	1.11	M
21 Isopropyl alcohol	45	6.599	6.592	0.014	62	8261	0.1631	
35 2-Butanone (MEK)	72	9.185	9.192	0.007	90	2638	0.1109	
* 39 Chlorobromomethane (IS)	130	9.608	9.608	0.000	95	562876	10.0	
* 51 1,4-Difluorobenzene	114	11.212	11.212	0.000	95	1990979	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.464	14.464	0.000	85	1900072	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

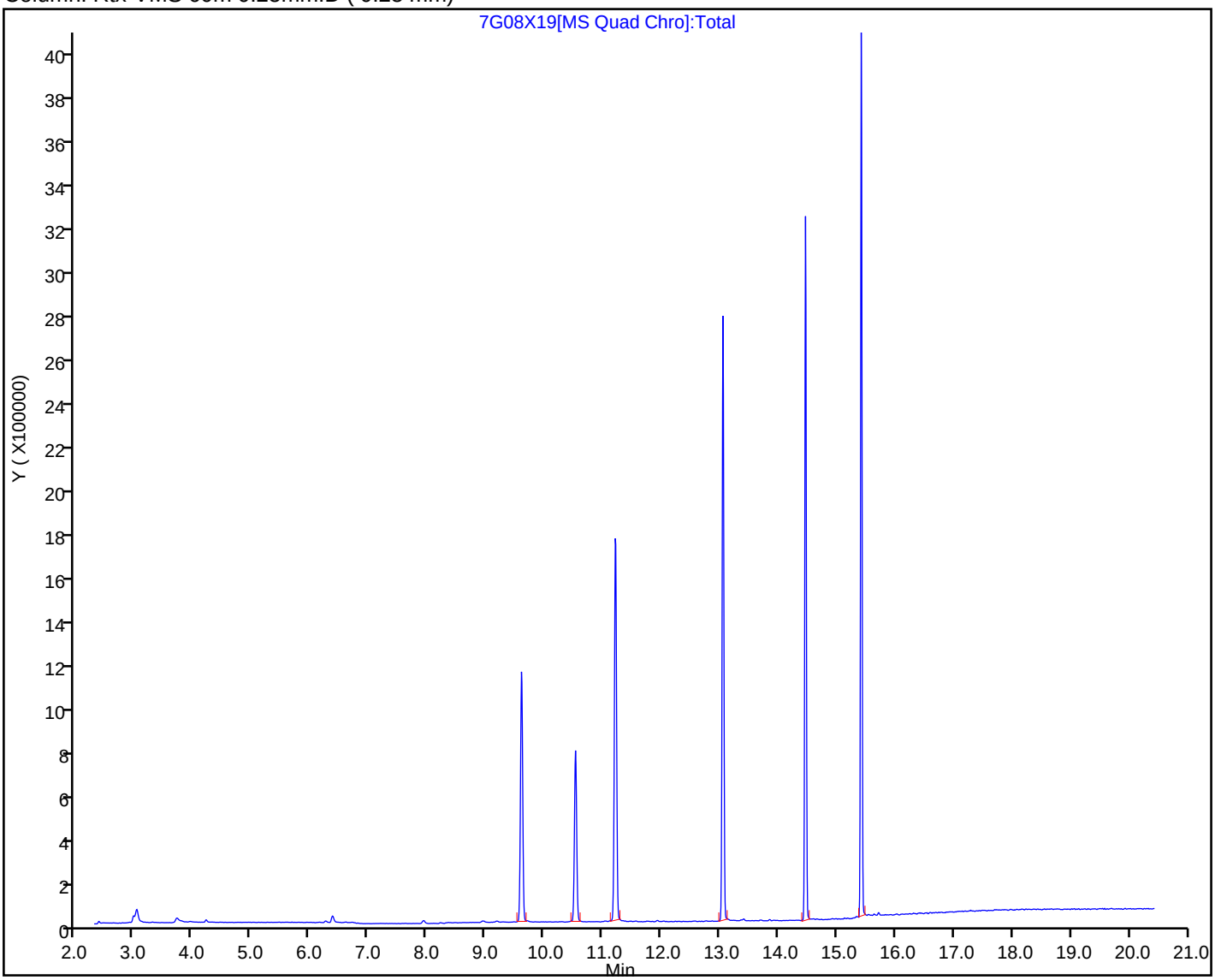
Report Date: 12-Aug-2025 14:04:50 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X19.D

Injection Date:	08-Aug-2025 18:45:46	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-3	Lab Sample ID:	410-236802-3		
Client ID:	2120				
Operator ID:	sn105465	ALS Bottle#:	12	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

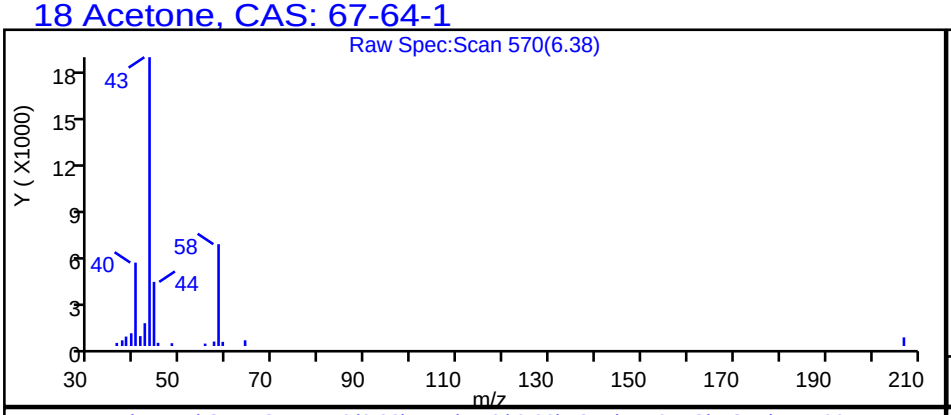


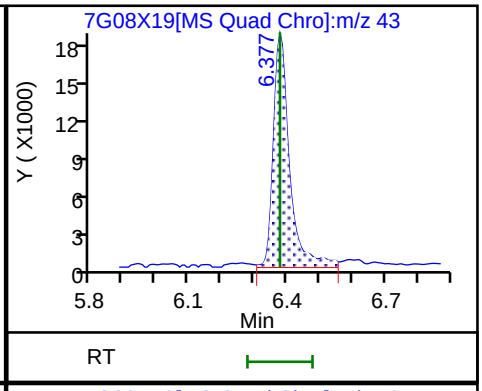
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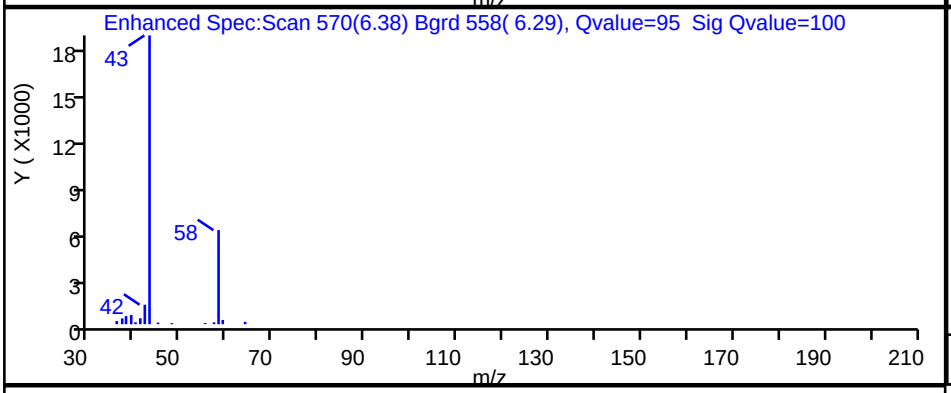
Eurofins Lancaster Laboratories Environment Testing, LLC

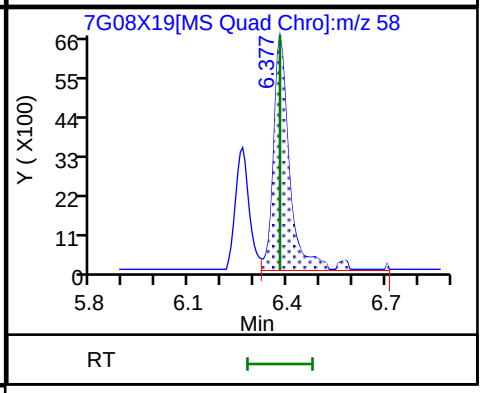
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Injection Date:	08-Aug-2025 18:45:46	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-3	Lab Sample ID:	410-236802-3		
Client ID:	2120				
Operator ID:	sn105465	ALS Bottle#:	12	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

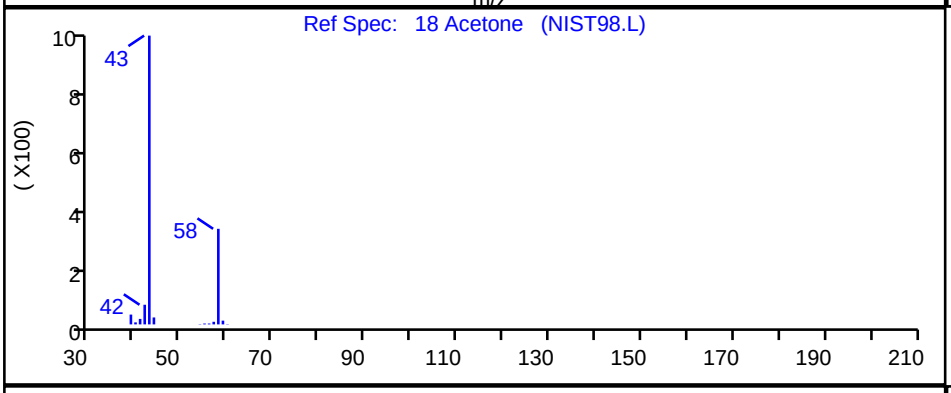
18 Acetone, CAS: 67-64-1

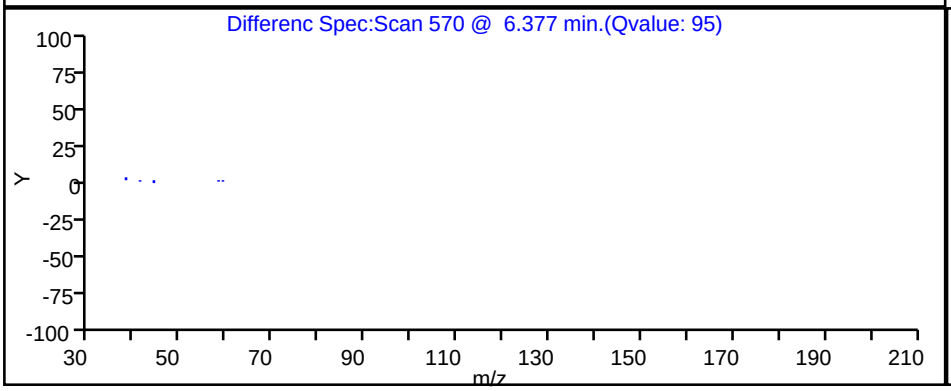


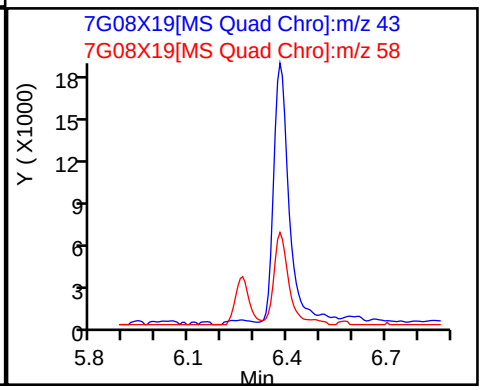












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

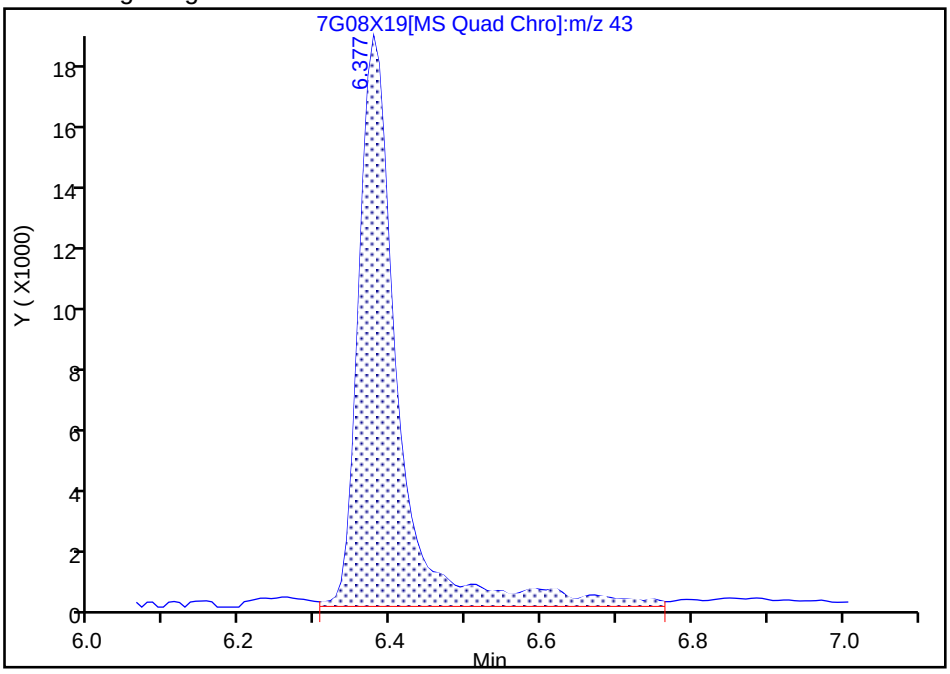
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X19.D				
Injection Date:	08-Aug-2025 18:45:46	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-3	Lab Sample ID:	410-236802-3		
Client ID:	2120				
Operator ID:	sn105465	ALS Bottle#:	12	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

Signal: 1

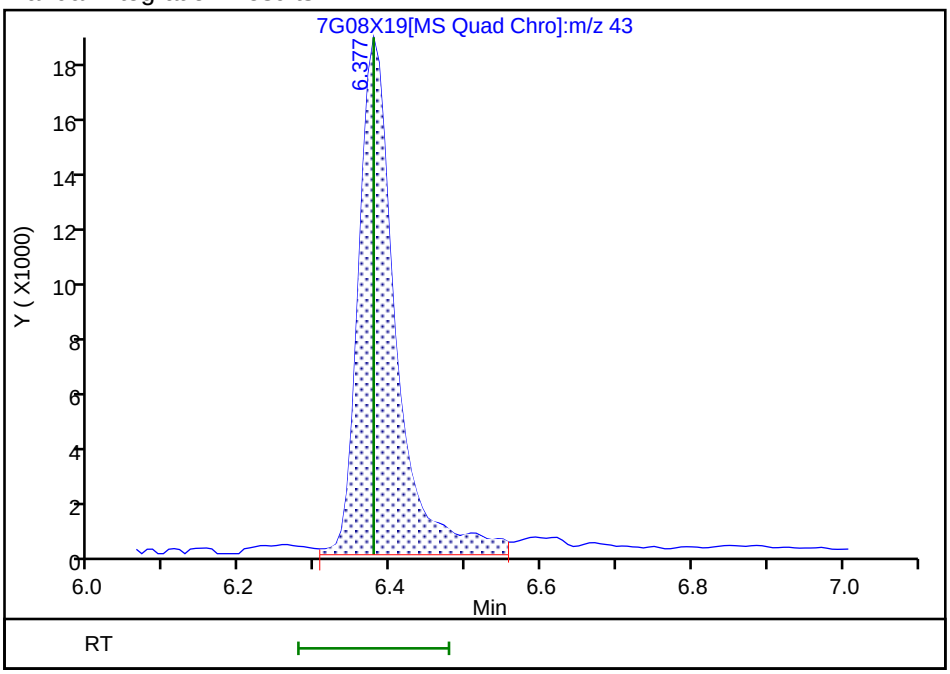
Processing Integration Results

RT: 6.38
Area: 69304
Amount: 1.187159
Amount Units: ppb v/v



Manual Integration Results

RT: 6.38
Area: 64556
Amount: 1.105827
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:24:50 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

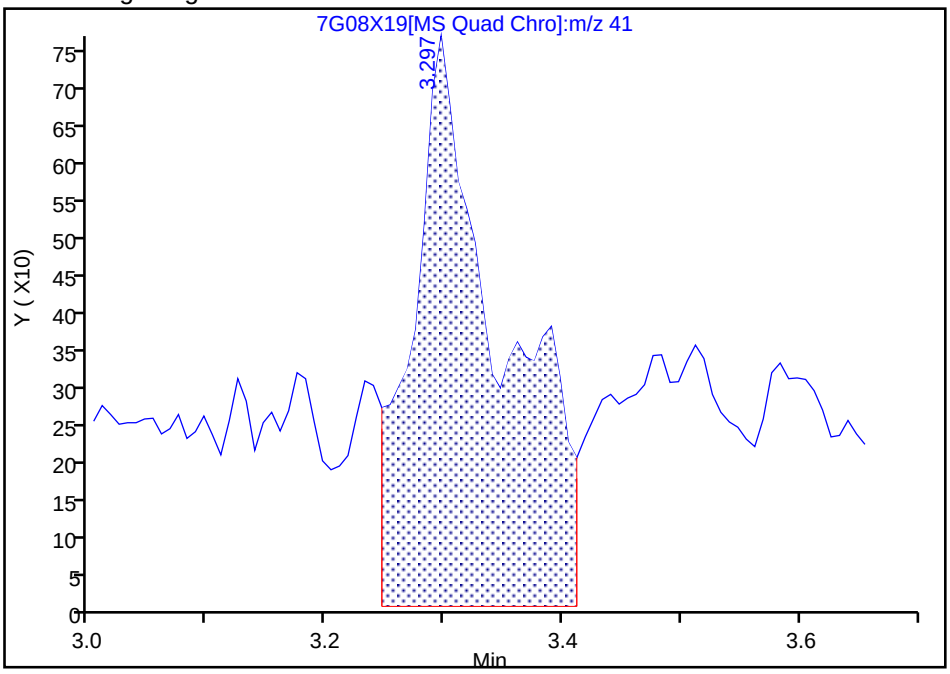
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X19.D				
Injection Date:	08-Aug-2025 18:45:46	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-3	Lab Sample ID:	410-236802-3		
Client ID:	2120				
Operator ID:	sn105465	ALS Bottle#:	12	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

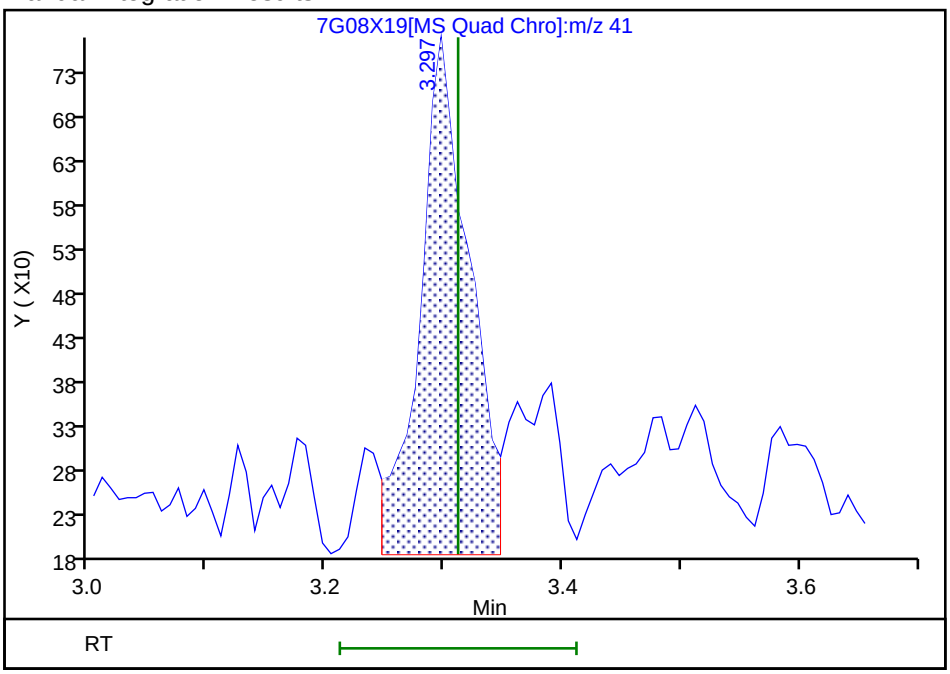
Processing Integration Results

RT: 3.30
Area: 4014
Amount: 0.168844
Amount Units: ppb v/v



Manual Integration Results

RT: 3.30
Area: 1676
Amount: 0.070499
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:24:29 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2080 Lab Sample ID: 410-236802-4

Matrix: Air Lab File ID: 7G08X20.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.22	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.0	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2080 Lab Sample ID: 410-236802-4

Matrix: Air Lab File ID: 7G08X20.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2080 Lab Sample ID: 410-236802-4

Matrix: Air Lab File ID: 7G08X20.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2080 Lab Sample ID: 410-236802-4

Matrix: Air Lab File ID: 7G08X20.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X20.D				
Lims ID:	410-236802-A-4				
Client ID:	2080				
Sample Type:	Client				
Inject. Date:	08-Aug-2025 19:15:22	ALS Bottle#:	13	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc2080				
Misc. Info.:	410-0155958-021				
Operator ID:	sn105465	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	12-Aug-2025 10:45:14	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1610				
First Level Reviewer: D7UM		Date:	12-Aug-2025 10:26:40		

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	3.312	3.318	0.001	69	2274	0.0969	M
	18 Acetone	43	6.377	6.391	0.000	99	113743	1.97	M
	21 Isopropyl alcohol	45	6.600	6.592	0.015	84	13515	0.2702	
	35 2-Butanone (MEK)	72	9.193	9.192	0.015	96	5182	0.2206	
*	39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	555911	10.0	
*	51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1956587	10.0	
*	73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	87	1879614	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

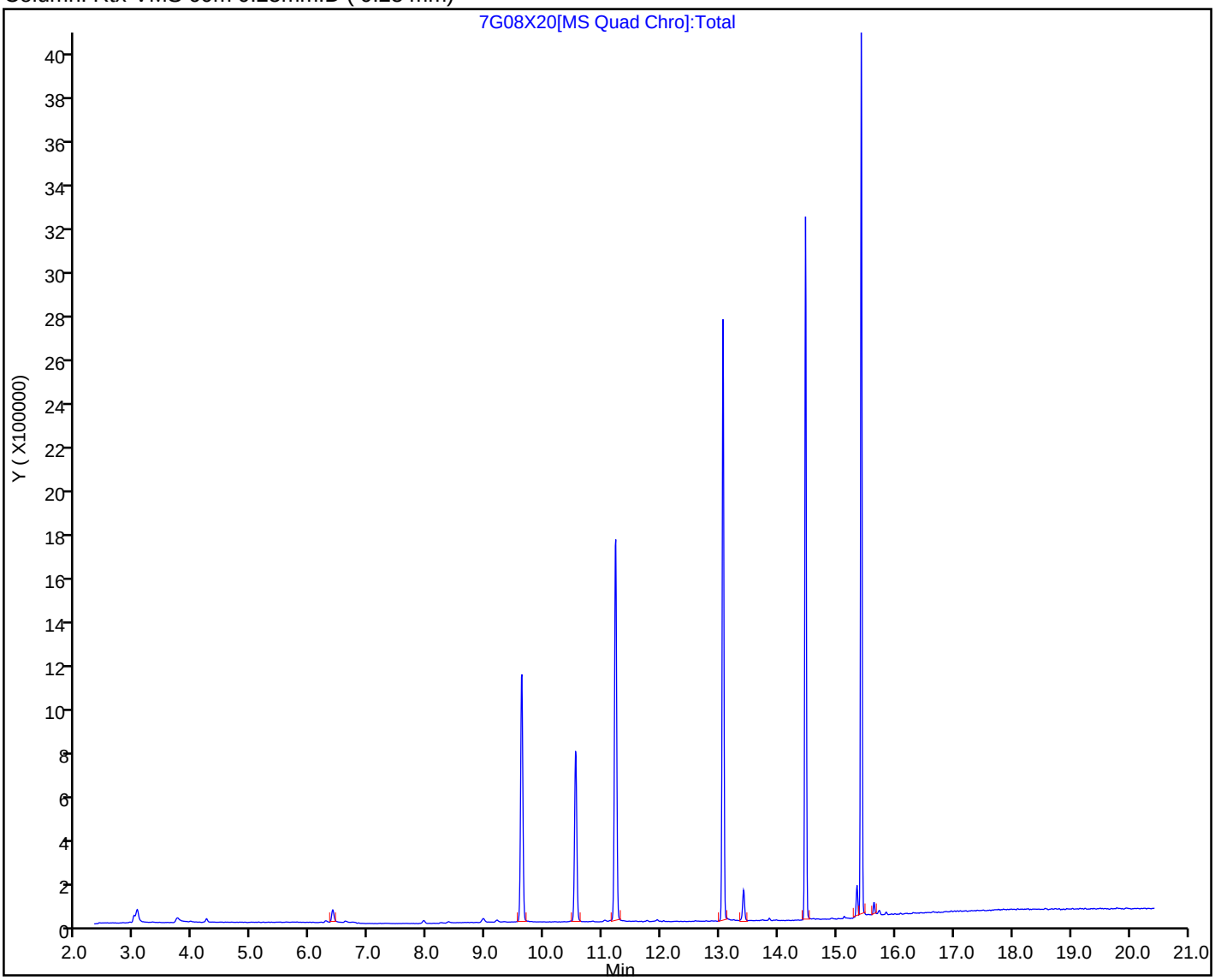
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:04:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X20.D				
Injection Date:	08-Aug-2025 19:15:22	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-4	Lab Sample ID:	410-236802-4		
Client ID:	2080				
Operator ID:	sn105465	ALS Bottle#:	13	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

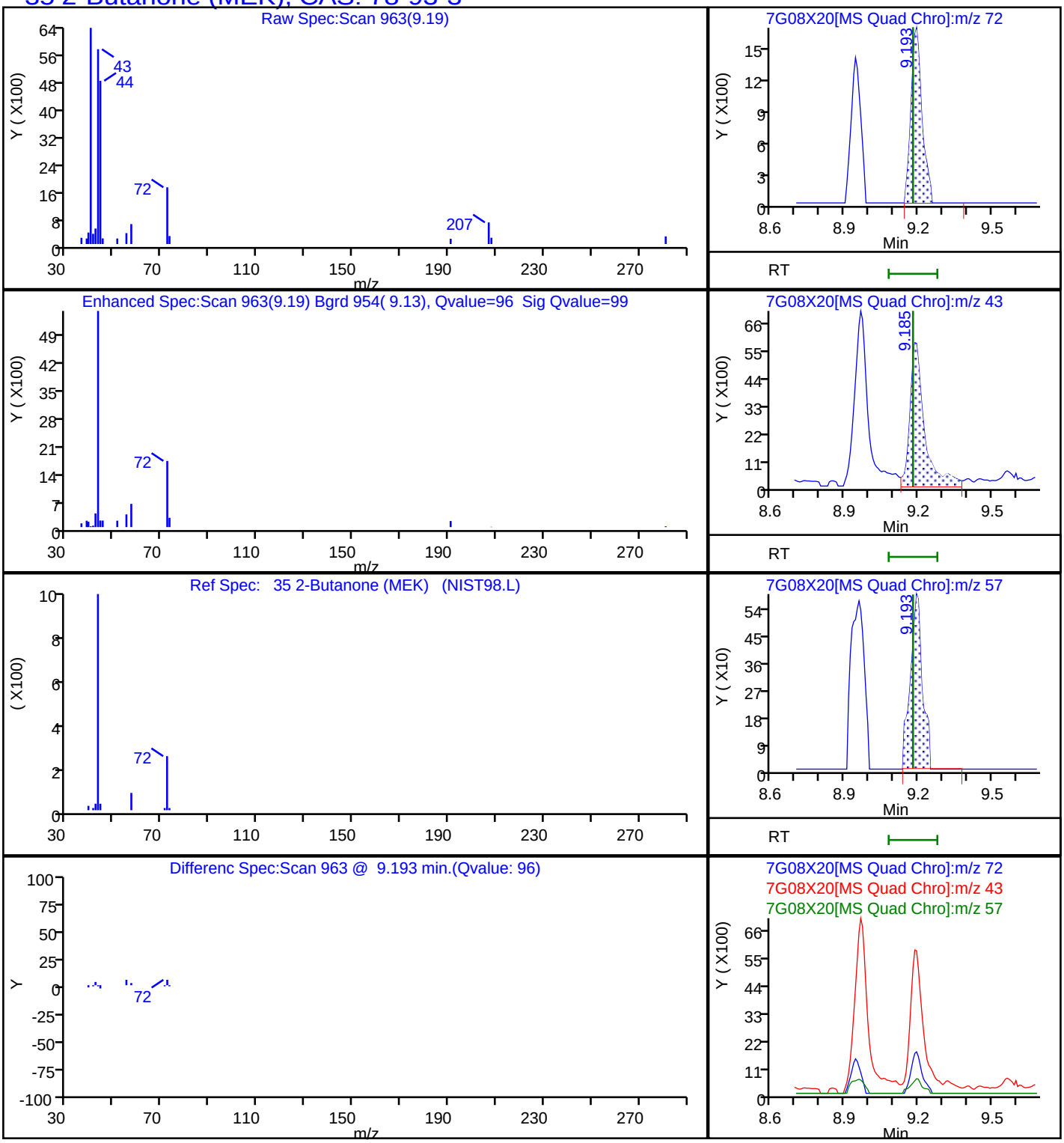


Report Date: 12-Aug-2025 14:04:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X20.D				
Injection Date:	08-Aug-2025 19:15:22	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-4	Lab Sample ID:	410-236802-4		
Client ID:	2080				
Operator ID:	sn105465	ALS Bottle#:	13	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

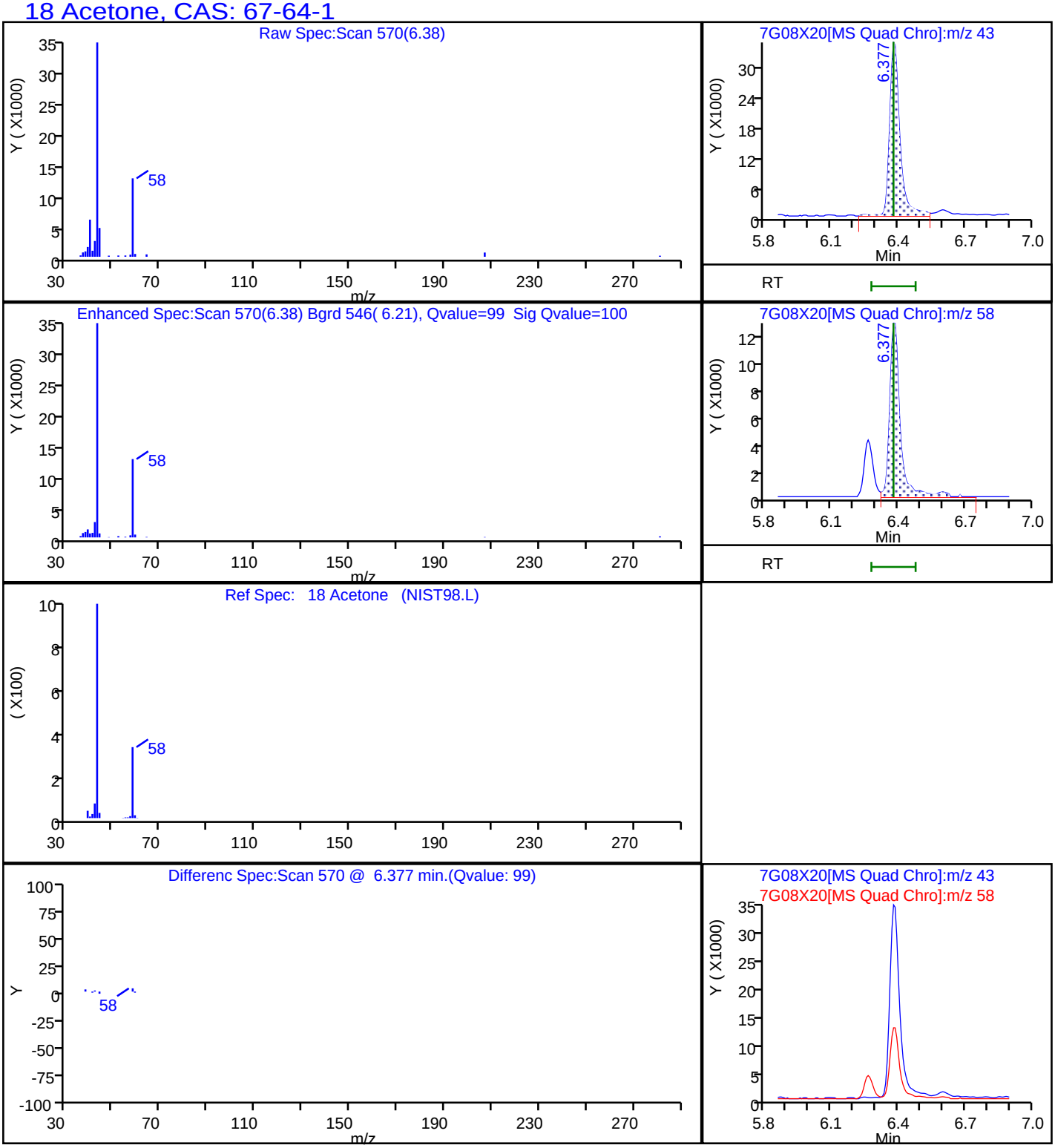


Report Date: 12-Aug-2025 14:04:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X20.D				
Injection Date:	08-Aug-2025 19:15:22	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-4	Lab Sample ID:	410-236802-4		
Client ID:	2080				
Operator ID:	sn105465	ALS Bottle#:	13	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

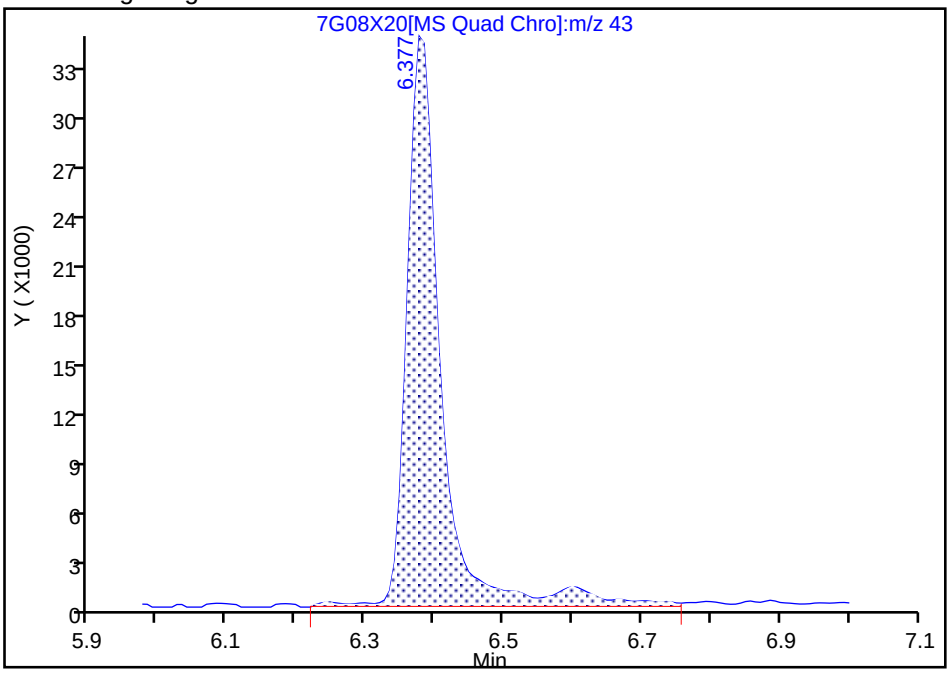
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Injection Date:	08-Aug-2025 19:15:22	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-4	Lab Sample ID:	410-236802-4		
Client ID:	2080				
Operator ID:	sn105465	ALS Bottle#:	13	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

Signal: 1

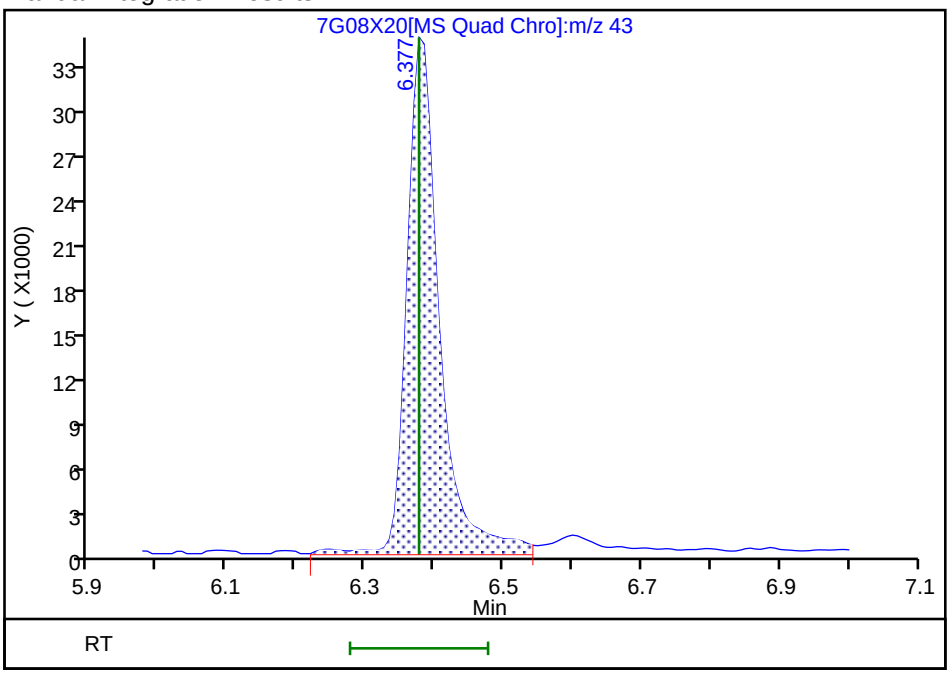
Processing Integration Results

RT: 6.38
Area: 121380
Amount: 2.105258
Amount Units: ppb v/v



Manual Integration Results

RT: 6.38
Area: 113743
Amount: 1.972799
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:25:59 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

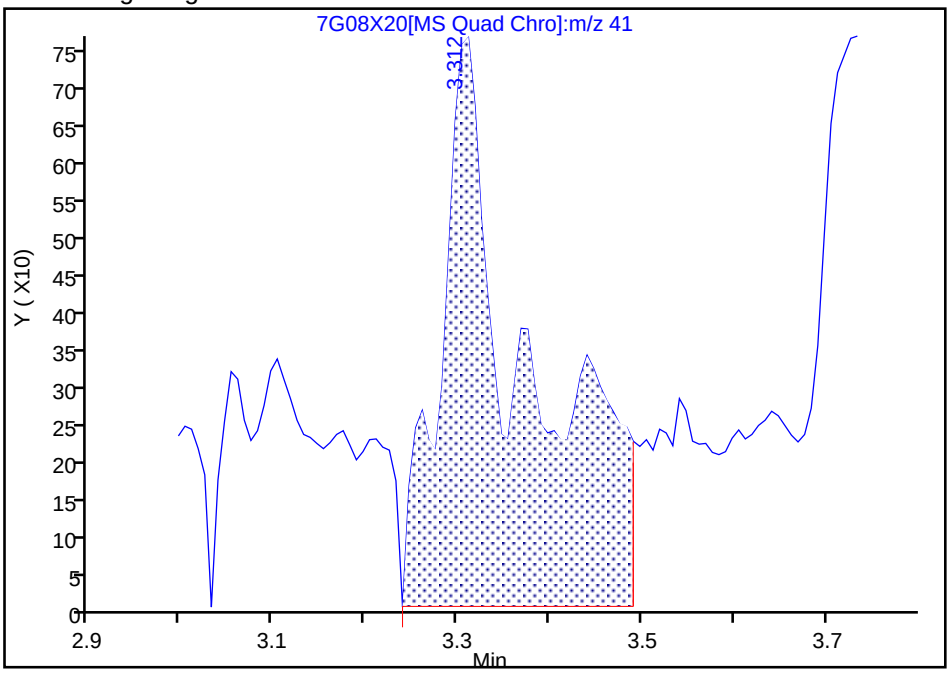
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X20.D				
Injection Date:	08-Aug-2025 19:15:22	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-4	Lab Sample ID:	410-236802-4		
Client ID:	2080				
Operator ID:	sn105465	ALS Bottle#:	13	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

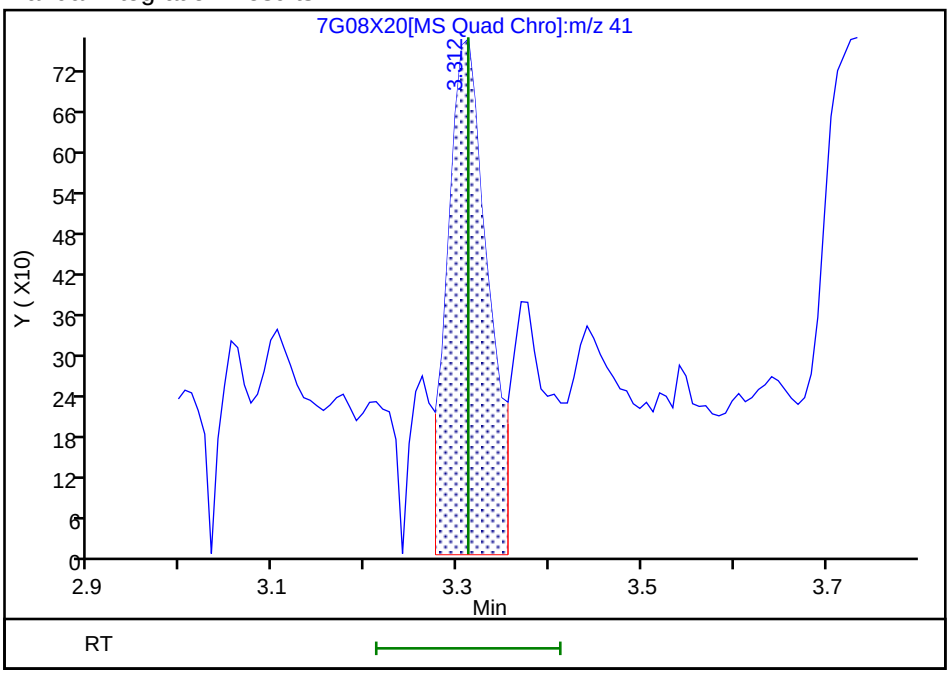
Processing Integration Results

RT: 3.31
Area: 4966
Amount: 0.211506
Amount Units: ppb v/v



Manual Integration Results

RT: 3.31
Area: 2274
Amount: 0.096851
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:25:38 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2102 Lab Sample ID: 410-236802-5

Matrix: Air Lab File ID: 7G08X21.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.4	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2102 Lab Sample ID: 410-236802-5

Matrix: Air Lab File ID: 7G08X21.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2102 Lab Sample ID: 410-236802-5

Matrix: Air Lab File ID: 7G08X21.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	0.97	J	1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2102 Lab Sample ID: 410-236802-5

Matrix: Air Lab File ID: 7G08X21.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X21.D
Lims ID: 410-236802-A-5
Client ID: 2102
Sample Type: Client
Inject. Date: 08-Aug-2025 19:45:00 ALS Bottle#: 14 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2102
Misc. Info.: 410-0155958-022
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 12-Aug-2025 10:45:14 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: D7UM Date: 11-Aug-2025 13:29:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.304	3.318	-0.007	71	2314	0.0994	M
18 Acetone	43	6.377	6.391	0.000	100	77931	1.36	
21 Isopropyl alcohol	45	6.592	6.592	0.007	97	48303	0.9737	M
35 2-Butanone (MEK)	72	9.193	9.192	0.015	90	3709	0.1592	
* 39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	551420	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1936441	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	87	1884175	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:04:59 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X21.D

Injection Date: 08-Aug-2025 19:45:00 Instrument ID: HP8R004

Lims ID: 410-236802-A-5 Lab Sample ID: 410-236802-5

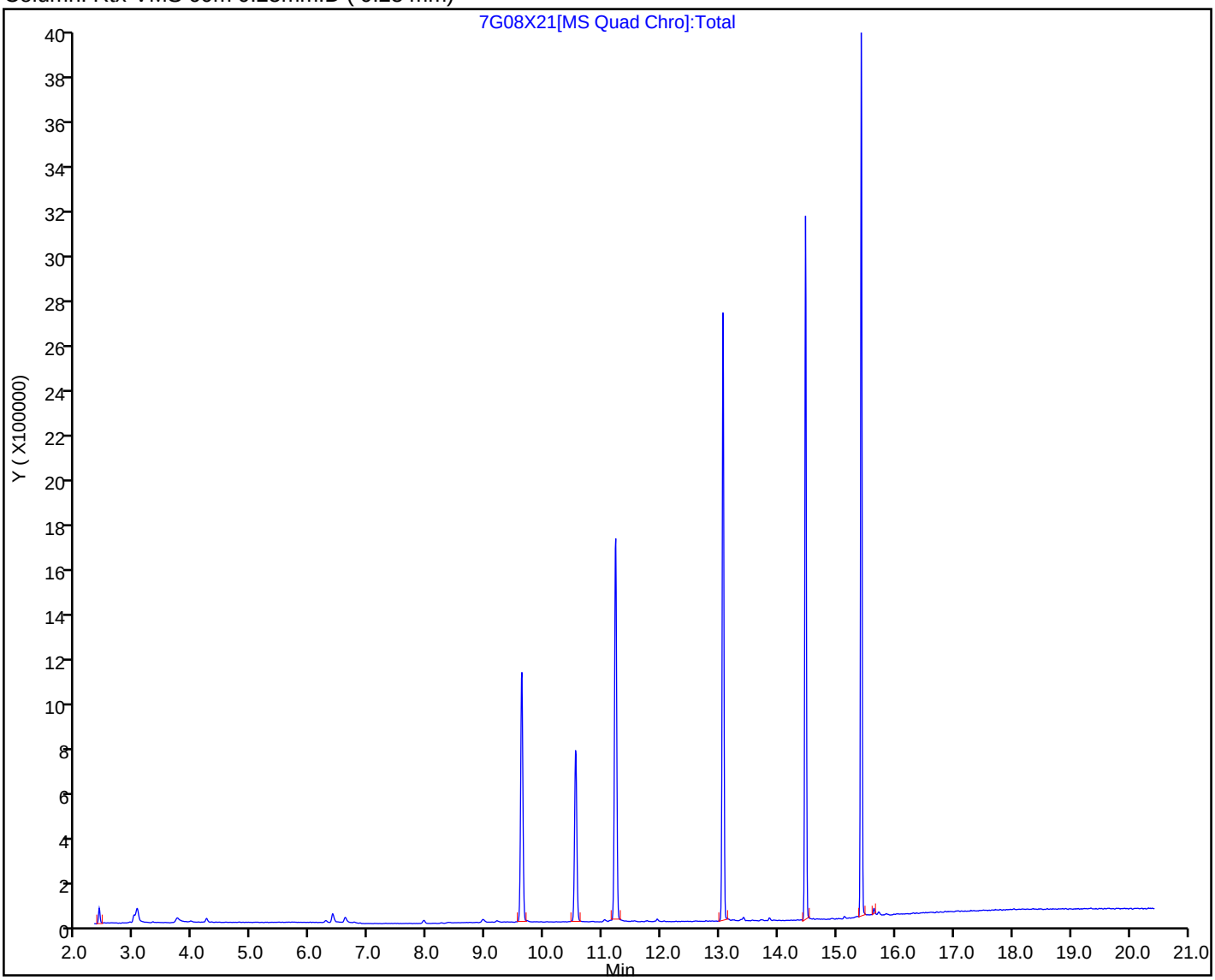
Client ID: 2102

Operator ID: sn105465 ALS Bottle#: 14 Worklist Smp#: 22

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

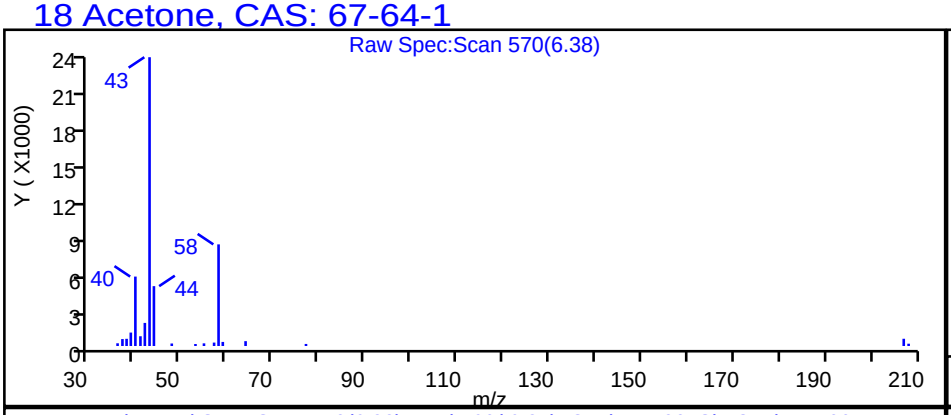


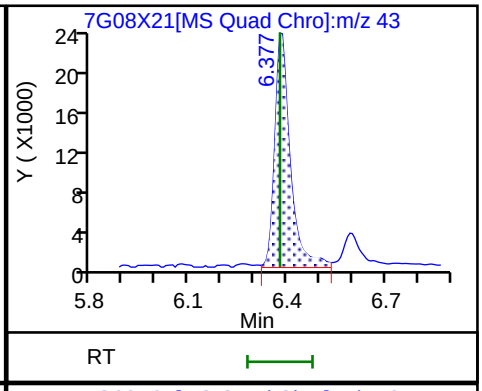
Report Date: 12-Aug-2025 14:04:59 Chrom Revision: 2.3 25-Jul-2025 13:52:40

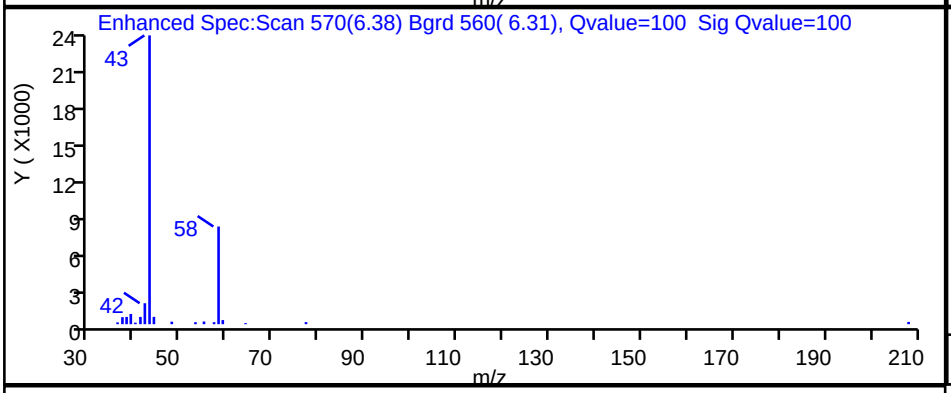
Eurofins Lancaster Laboratories Environment Testing, LLC

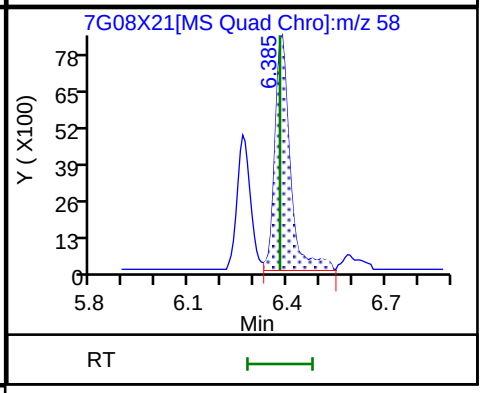
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Injection Date:	08-Aug-2025 19:45:00	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-5	Lab Sample ID:	410-236802-5		
Client ID:	2102				
Operator ID:	sn105465	ALS Bottle#:	14	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

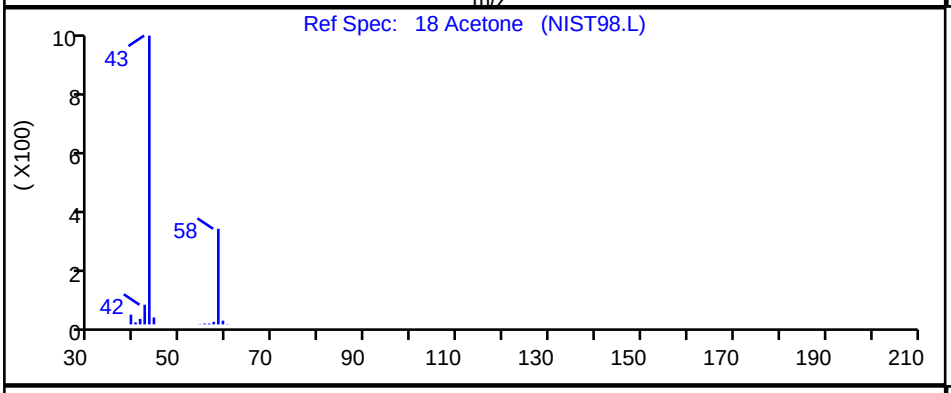
18 Acetone, CAS: 67-64-1

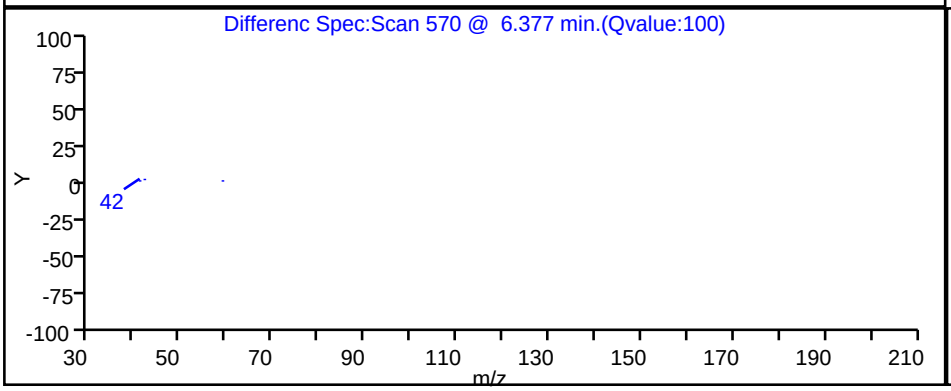


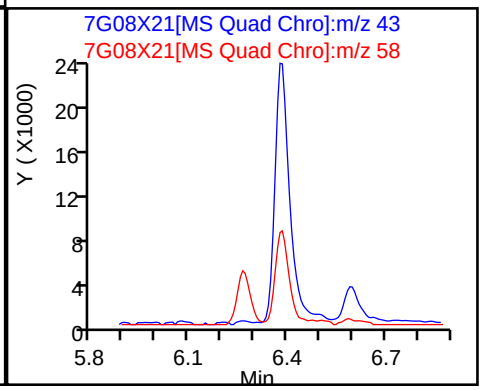










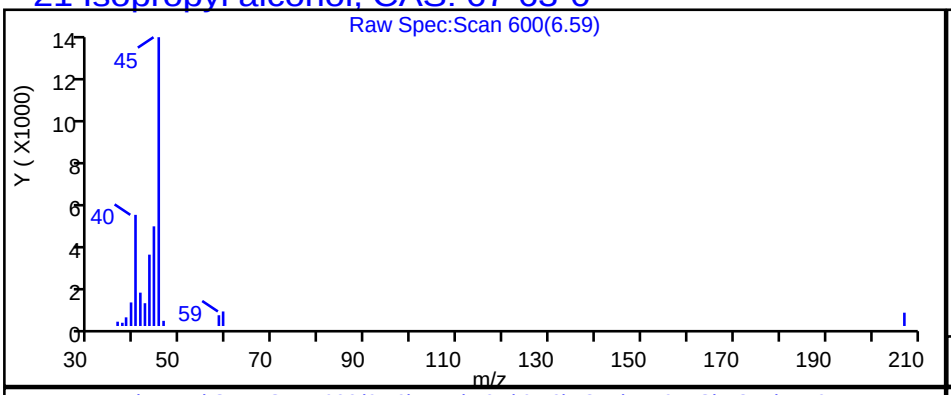


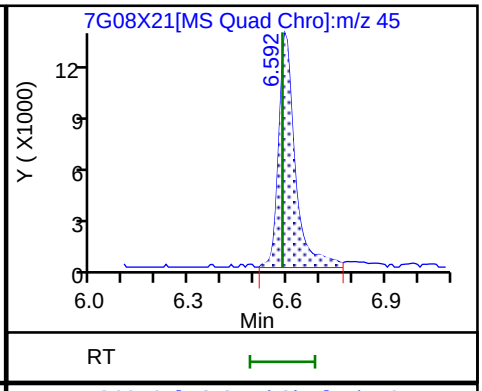
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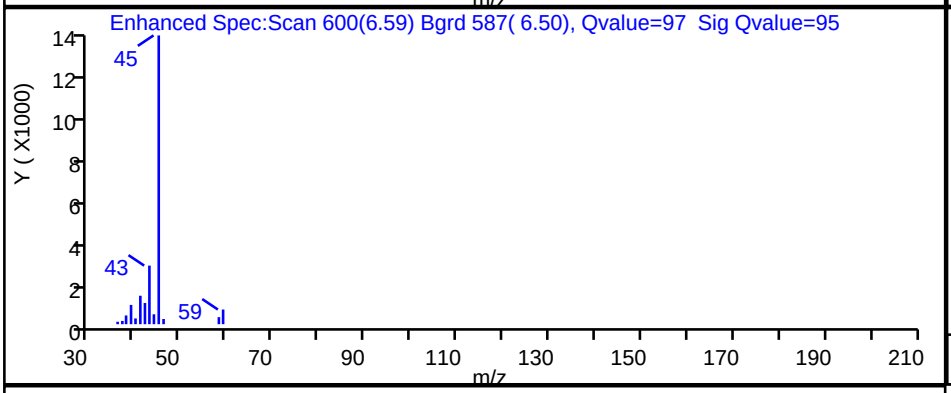
Eurofins Lancaster Laboratories Environment Testing, LLC

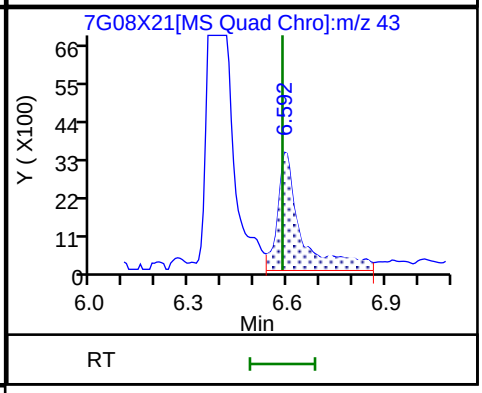
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Injection Date:	08-Aug-2025 19:45:00	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-5	Lab Sample ID:	410-236802-5		
Client ID:	2102				
Operator ID:	sn105465	ALS Bottle#:	14	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

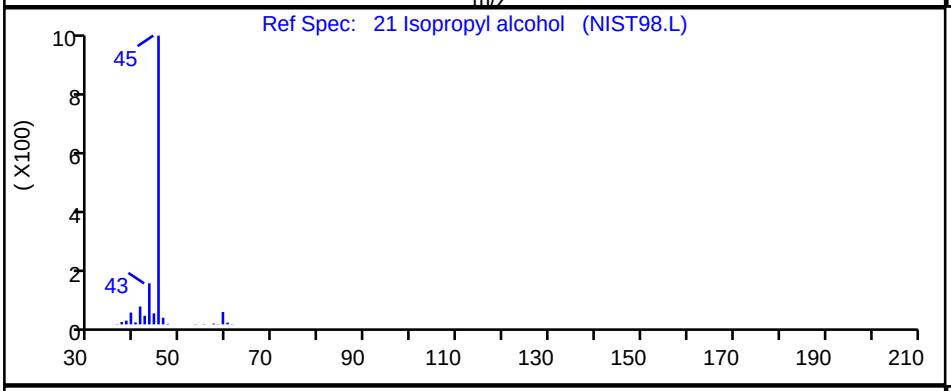
21 Isopropyl alcohol, CAS: 67-63-0

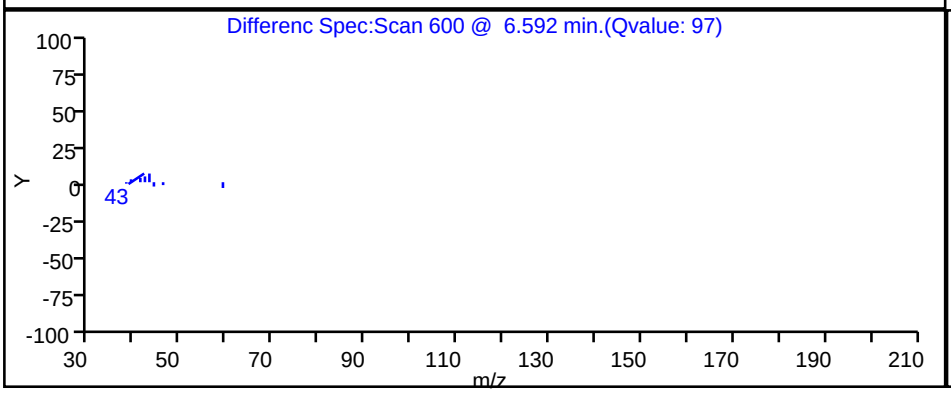


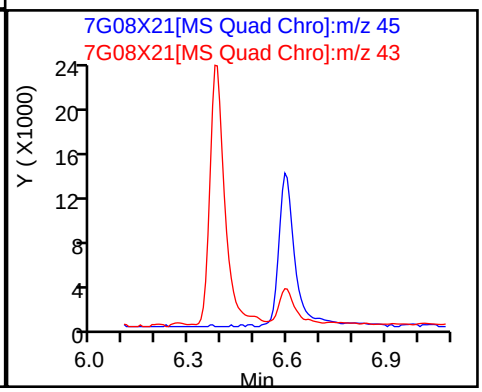












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

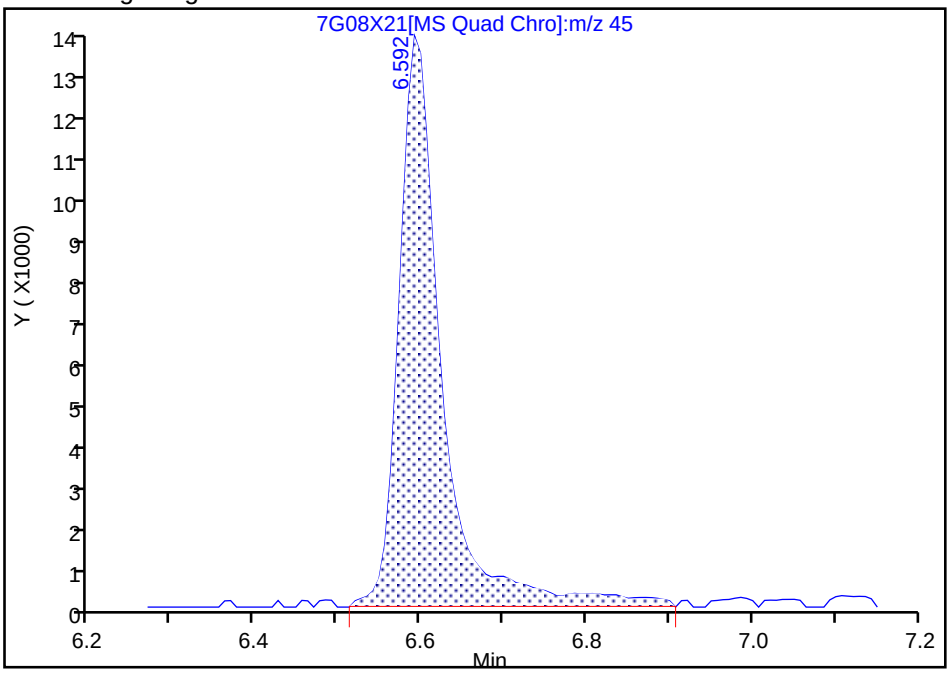
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Injection Date:	08-Aug-2025 19:45:00	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-5	Lab Sample ID:	410-236802-5		
Client ID:	2102				
Operator ID:	sn105465	ALS Bottle#:	14	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

21 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

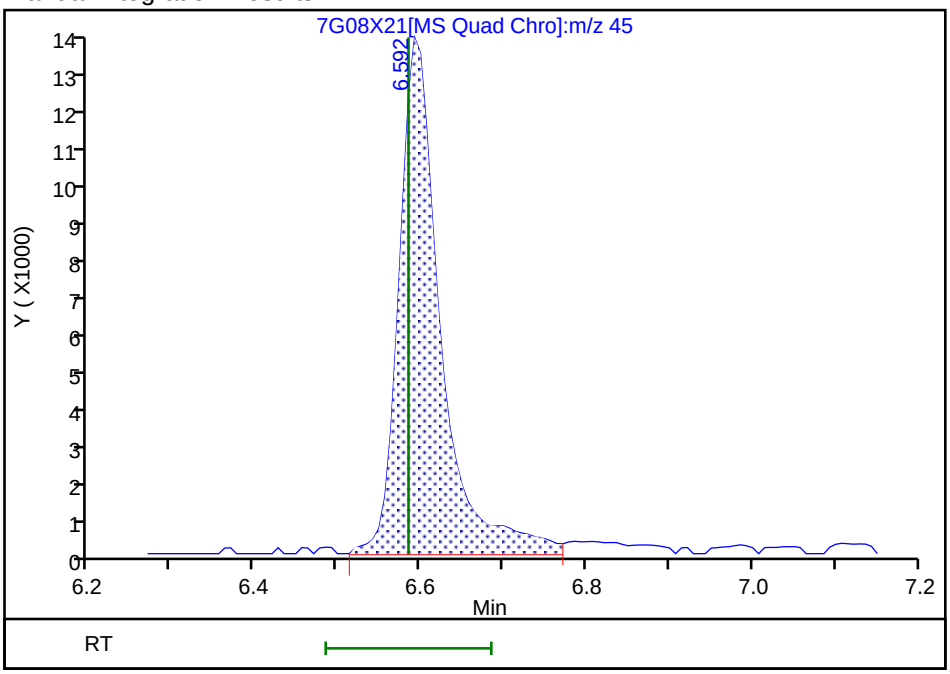
Processing Integration Results

RT: 6.59
Area: 50410
Amount: 1.016191
Amount Units: ppb v/v



Manual Integration Results

RT: 6.59
Area: 48303
Amount: 0.973717
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:27:13 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

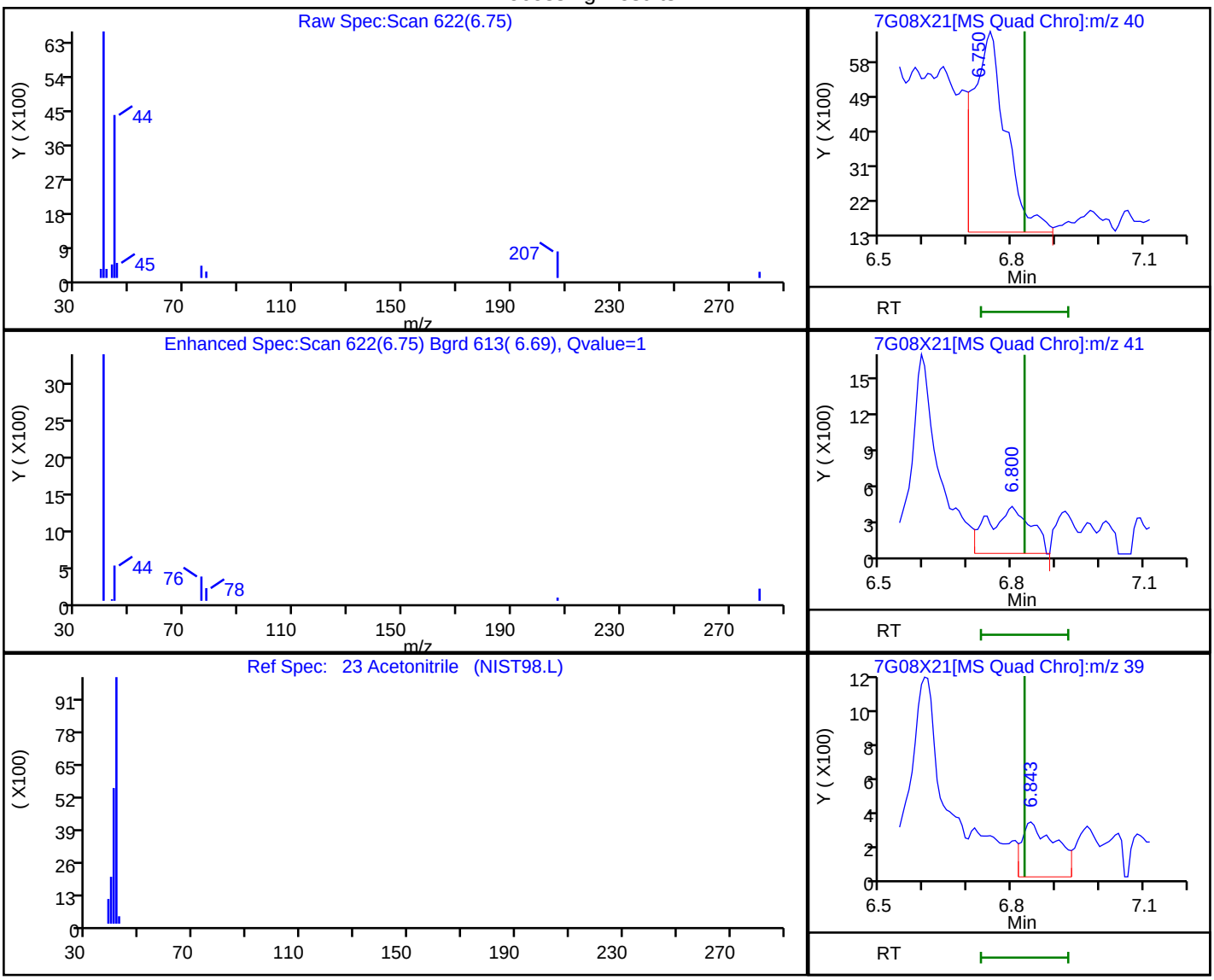
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X21.D				
Injection Date:	08-Aug-2025 19:45:00	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-5	Lab Sample ID:	410-236802-5		
Client ID:	2102				
Operator ID:	sn105465	ALS Bottle#:	14	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
6.75	40.00	25880	1.953800
6.80	41.00	2521	
6.84	39.00	1685	

Reviewer: D7UM, 12-Aug-2025 10:27:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

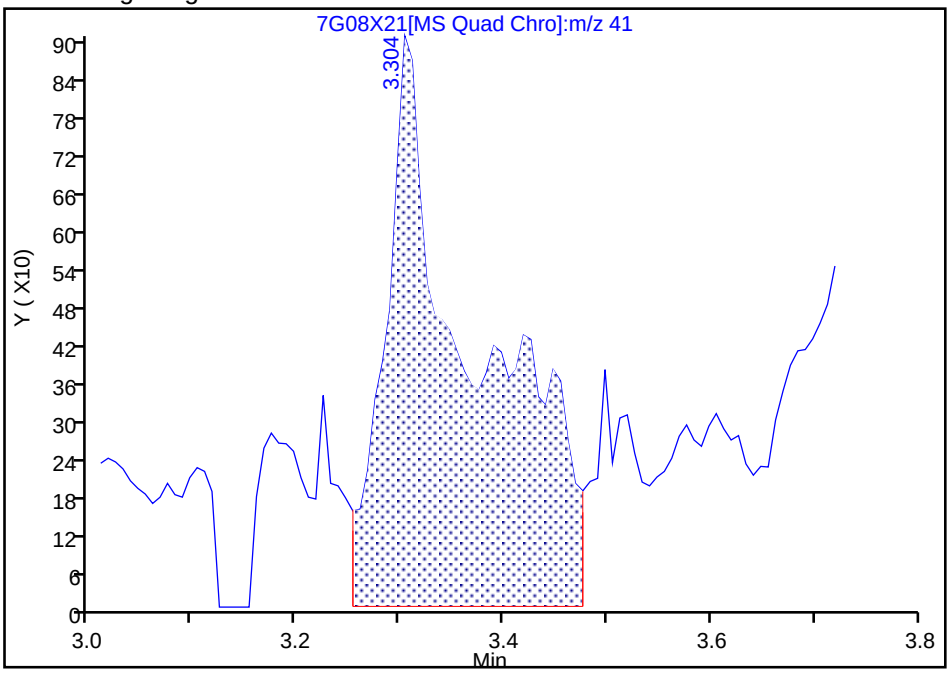
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Injection Date:	08-Aug-2025 19:45:00	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-5	Lab Sample ID:	410-236802-5		
Client ID:	2102				
Operator ID:	sn105465	ALS Bottle#:	14	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

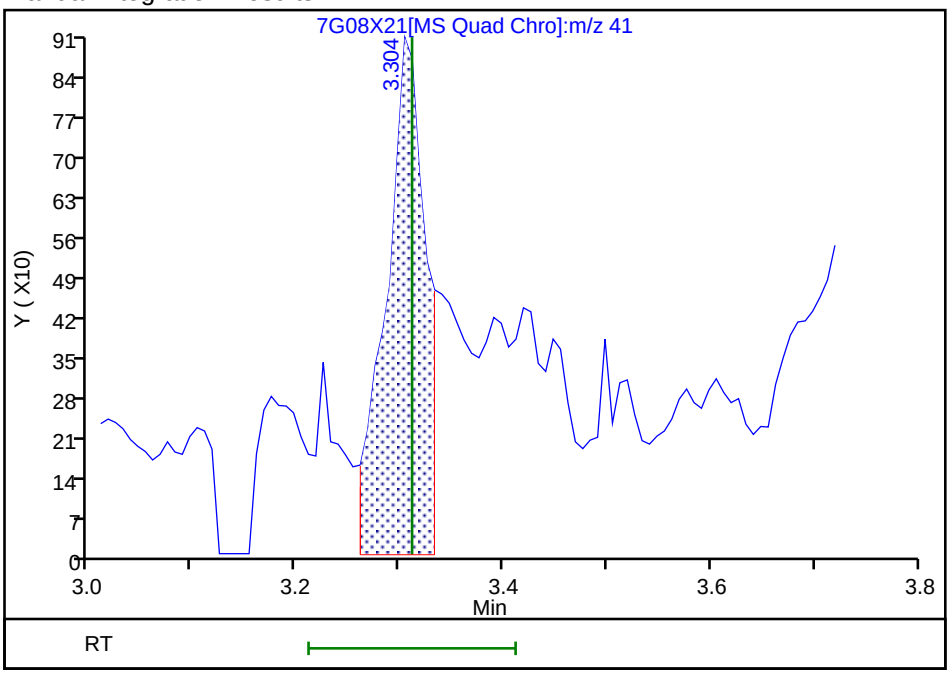
Processing Integration Results

RT: 3.30
Area: 5543
Amount: 0.238004
Amount Units: ppb v/v



Manual Integration Results

RT: 3.30
Area: 2314
Amount: 0.099358
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:27:22 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2105 Lab Sample ID: 410-236802-6

Matrix: Air Lab File ID: 7G08X23.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 20:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2105 Lab Sample ID: 410-236802-6

Matrix: Air Lab File ID: 7G08X23.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 20:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2105 Lab Sample ID: 410-236802-6

Matrix: Air Lab File ID: 7G08X23.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 20:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2105 Lab Sample ID: 410-236802-6

Matrix: Air Lab File ID: 7G08X23.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 20:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X23.D
Lims ID: 410-236802-A-6
Client ID: 2105
Sample Type: Client
Inject. Date: 08-Aug-2025 20:44:06 ALS Bottle#: 16 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2105
Misc. Info.: 410-0155958-024
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 12-Aug-2025 10:45:14 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: D7UM Date: 12-Aug-2025 10:30:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.318	0.001	84	2180	0.0915	M
18 Acetone	43	6.377	6.391	0.000	100	121222	2.07	
21 Isopropyl alcohol	45	6.599	6.592	0.014	77	15432	0.3040	
35 2-Butanone (MEK)	72	9.193	9.192	0.015	95	3596	0.1508	
* 39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	564212	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1976675	10.0	
70 2-Hexanone	43	13.712	13.727	-0.007	61	4576	0.0571	7M
* 73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	87	1882538	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

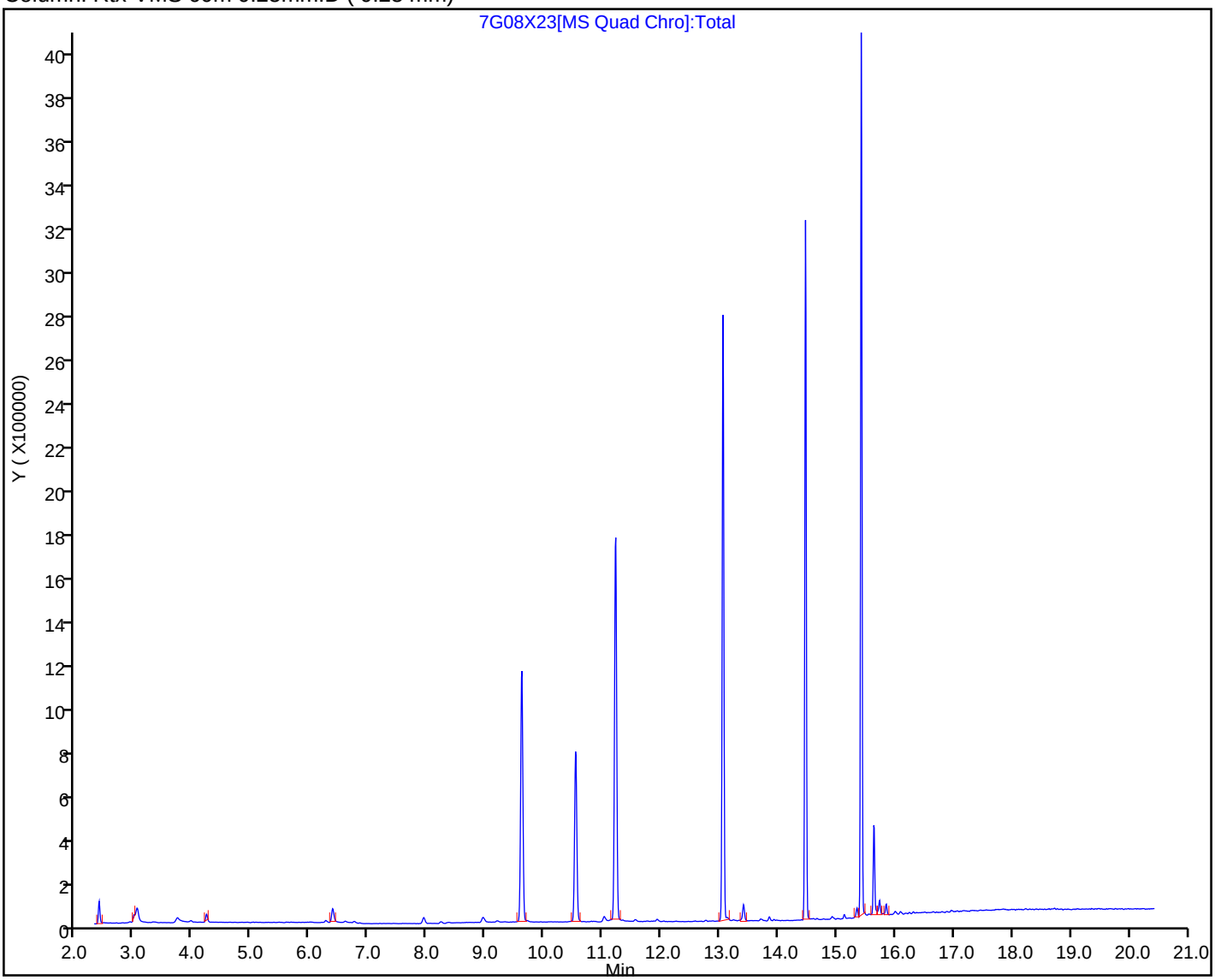
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:02:58 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	08-Aug-2025 20:44:06	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-6	Lab Sample ID:	410-236802-6		
Client ID:	2105				
Operator ID:	sn105465	ALS Bottle#:	16	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

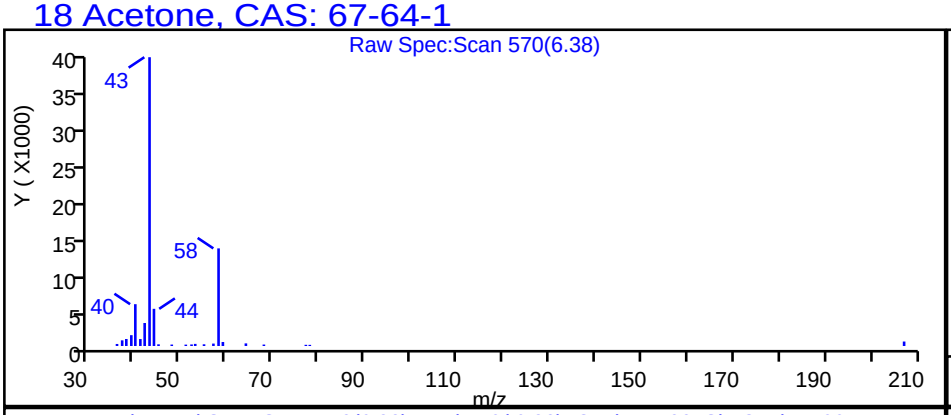


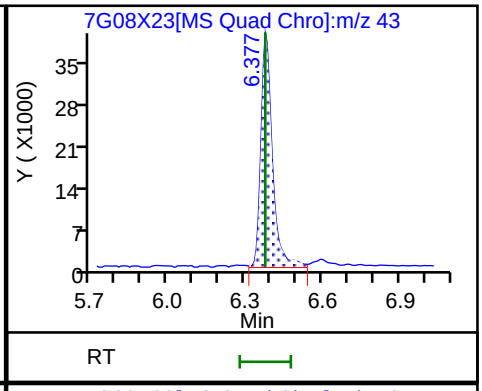
Report Date: 12-Aug-2025 14:02:58 Chrom Revision: 2.3 25-Jul-2025 13:52:40

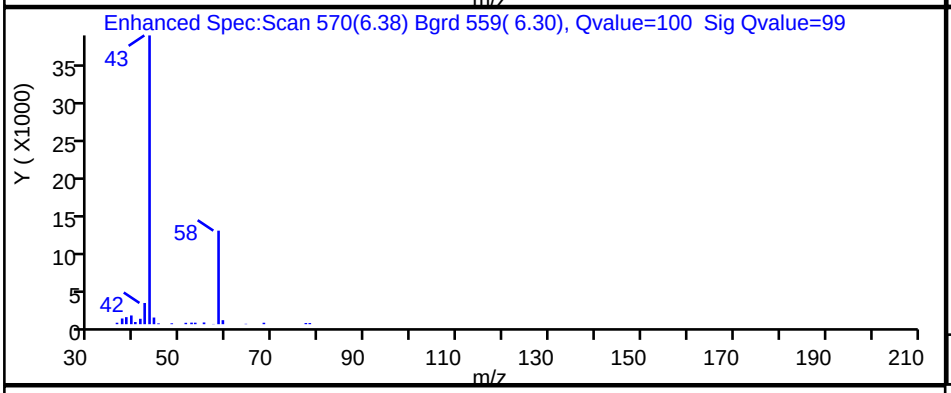
Eurofins Lancaster Laboratories Environment Testing, LLC

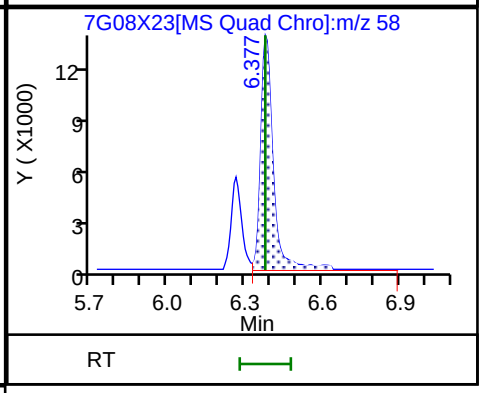
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Injection Date:	08-Aug-2025 20:44:06	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-6	Lab Sample ID:	410-236802-6		
Client ID:	2105				
Operator ID:	sn105465	ALS Bottle#:	16	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

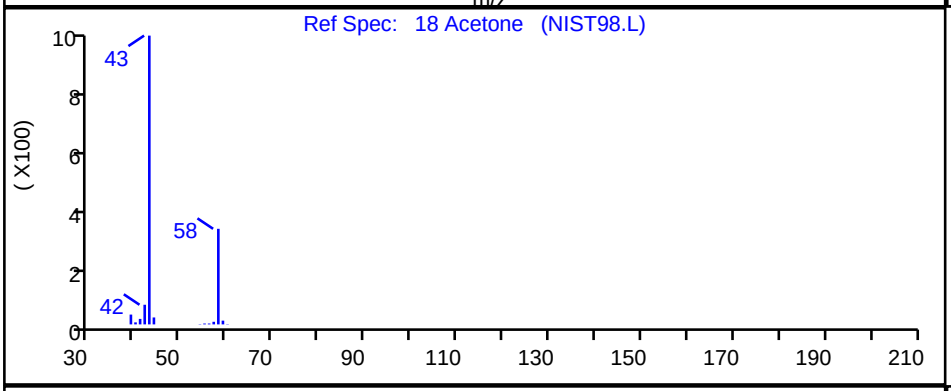
18 Acetone, CAS: 67-64-1

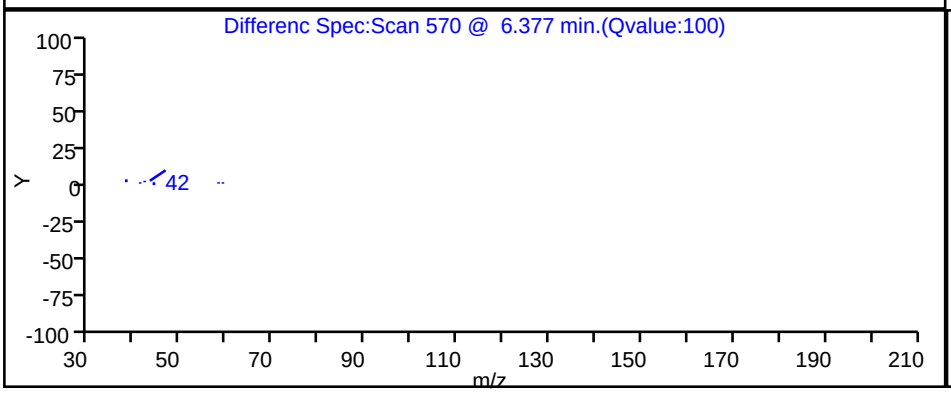


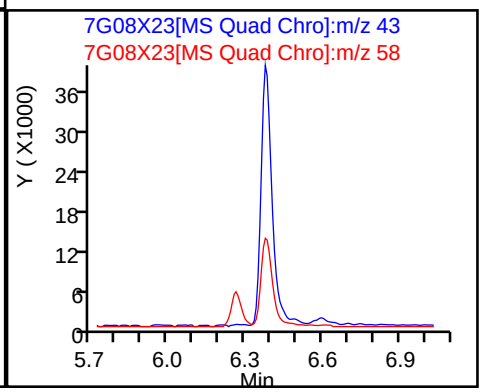












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

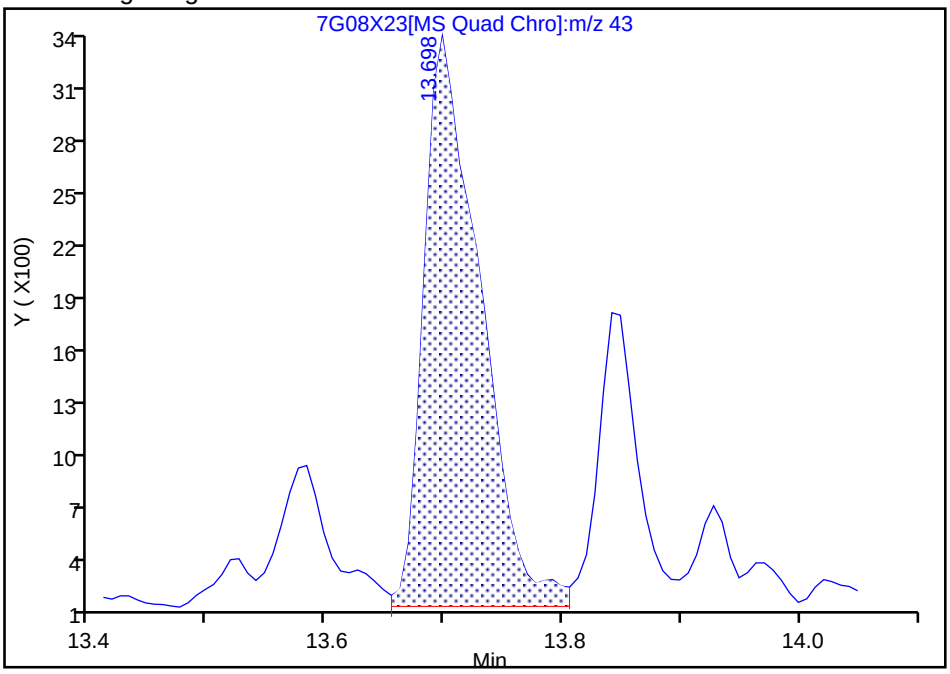
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Injection Date:	08-Aug-2025 20:44:06	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-6	Lab Sample ID:	410-236802-6		
Client ID:	2105				
Operator ID:	sn105465	ALS Bottle#:	16	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

70 2-Hexanone, CAS: 591-78-6

Signal: 1

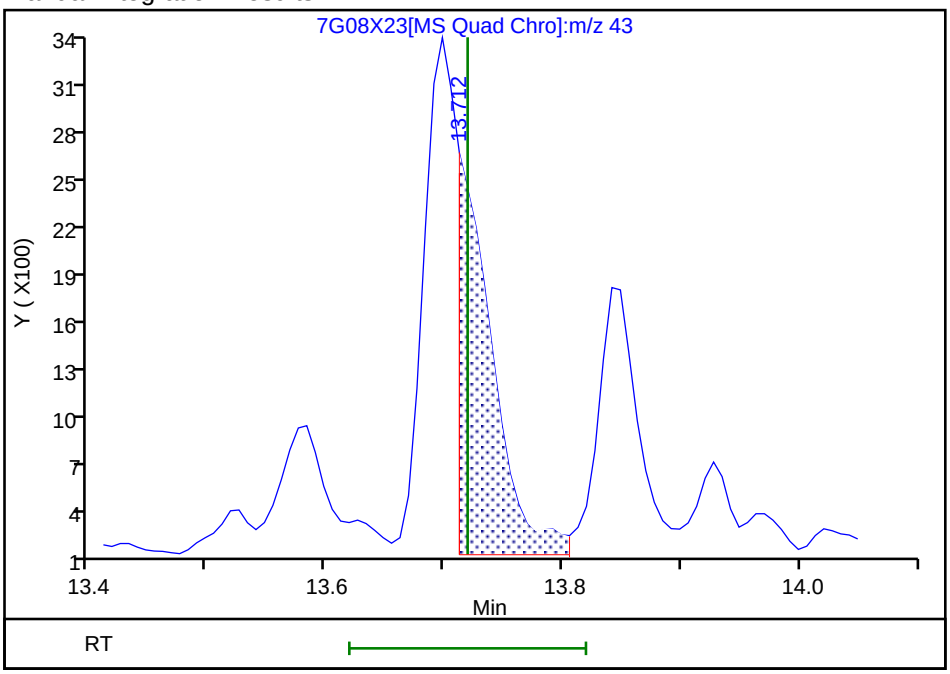
Processing Integration Results

RT: 13.70
Area: 10416
Amount: 0.130048
Amount Units: ppb v/v



Manual Integration Results

RT: 13.71
Area: 4576
Amount: 0.057133
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:29:52 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

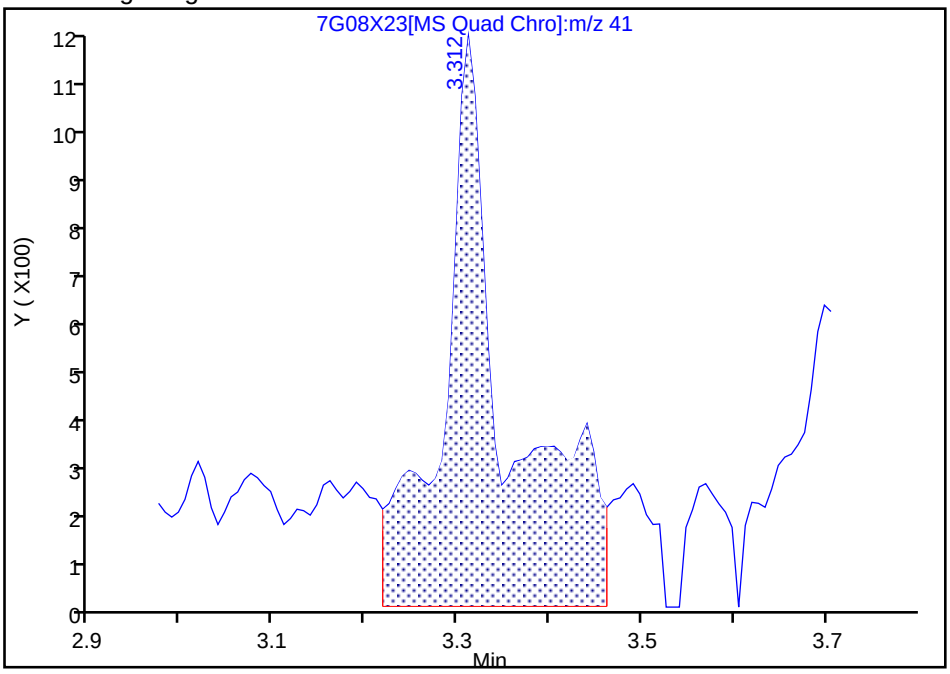
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Injection Date:	08-Aug-2025 20:44:06	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-6	Lab Sample ID:	410-236802-6		
Client ID:	2105				
Operator ID:	sn105465	ALS Bottle#:	16	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

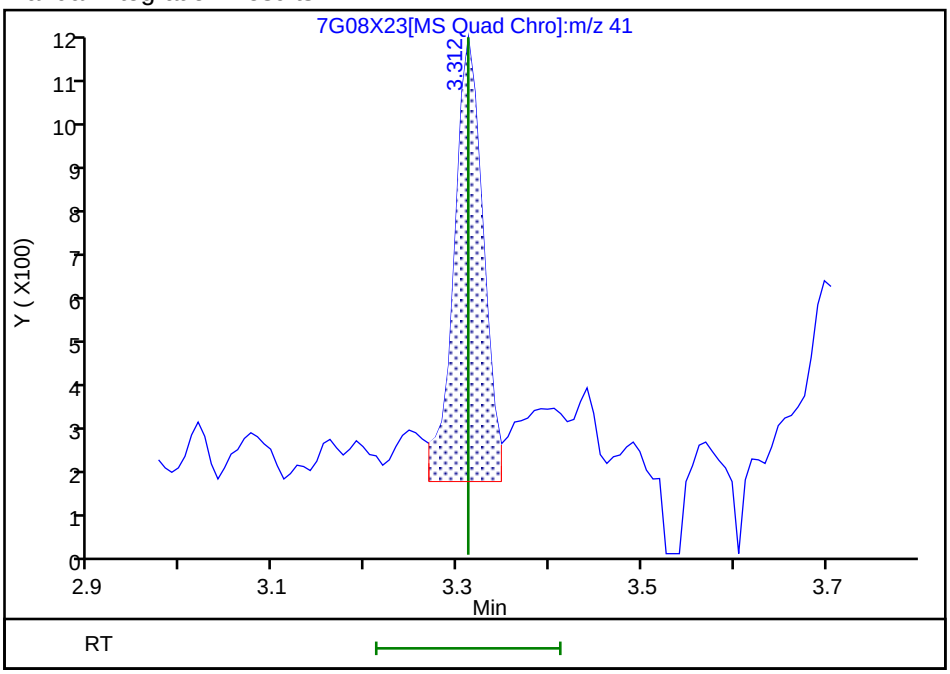
Processing Integration Results

RT: 3.31
Area: 5775
Amount: 0.242343
Amount Units: ppb v/v



Manual Integration Results

RT: 3.31
Area: 2180
Amount: 0.091482
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:29:21 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2109 Lab Sample ID: 410-236802-7

Matrix: Air Lab File ID: 7G08X24.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.4	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2109 Lab Sample ID: 410-236802-7

Matrix: Air Lab File ID: 7G08X24.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2109 Lab Sample ID: 410-236802-7

Matrix: Air Lab File ID: 7G08X24.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2109 Lab Sample ID: 410-236802-7

Matrix: Air Lab File ID: 7G08X24.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X24.D
Lims ID: 410-236802-A-7
Client ID: 2109
Sample Type: Client
Inject. Date: 08-Aug-2025 21:13:32 ALS Bottle#: 17 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2109
Misc. Info.: 410-0155958-025
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 12-Aug-2025 10:45:14 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: D7UM Date: 11-Aug-2025 13:30:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.304	3.318	-0.007	85	2296	0.0975	M
18 Acetone	43	6.385	6.391	0.008	99	78960	1.37	
21 Isopropyl alcohol	45	6.600	6.592	0.015	90	19618	0.3910	
35 2-Butanone (MEK)	72	9.193	9.192	0.015	97	3851	0.1634	
* 39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	557747	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.212	0.008	94	1950439	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	87	1871873	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

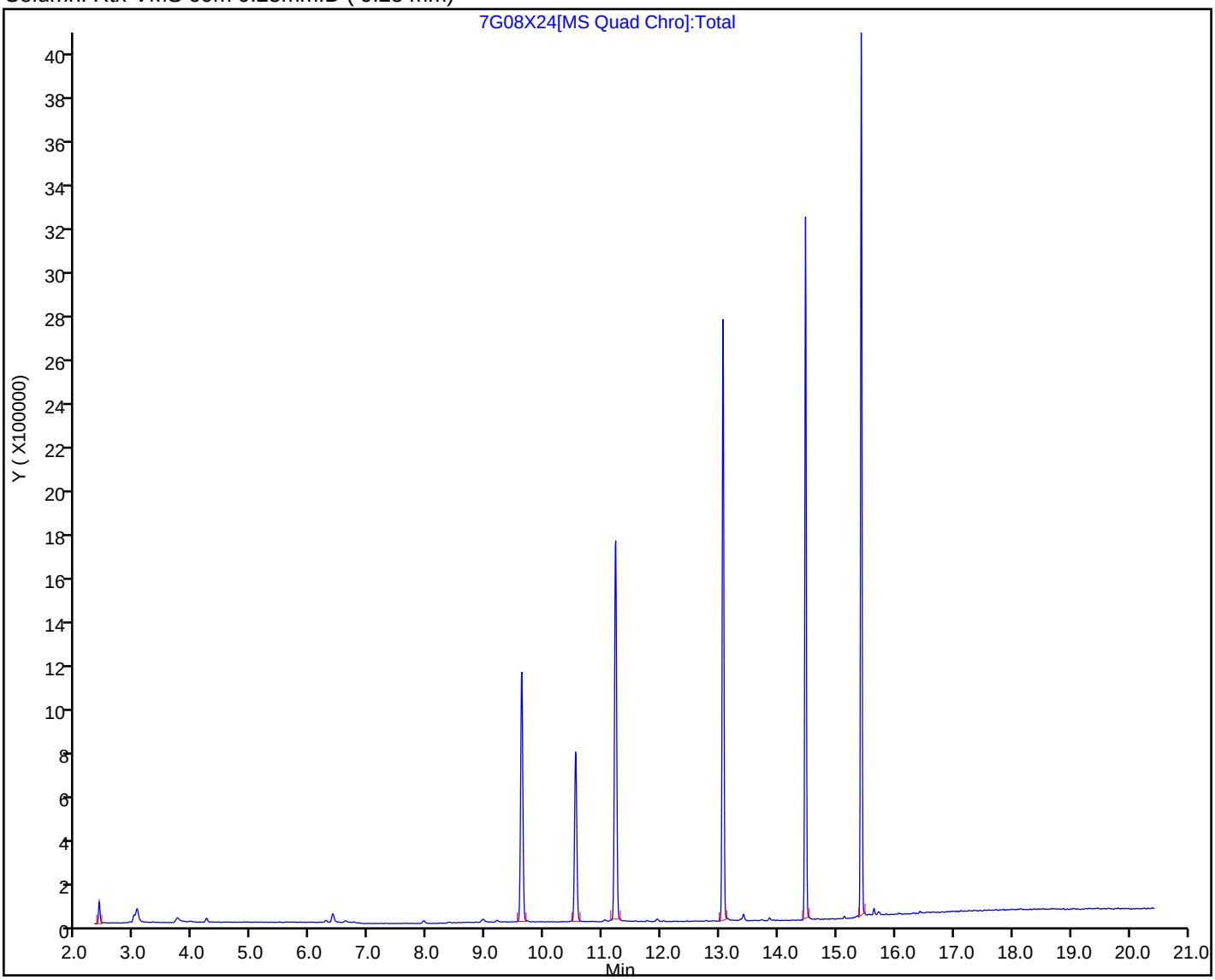
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:03:03 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X24.D				
Injection Date:	08-Aug-2025 21:13:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-7	Lab Sample ID:	410-236802-7		
Client ID:	2109				
Operator ID:	sn105465	ALS Bottle#:	17	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

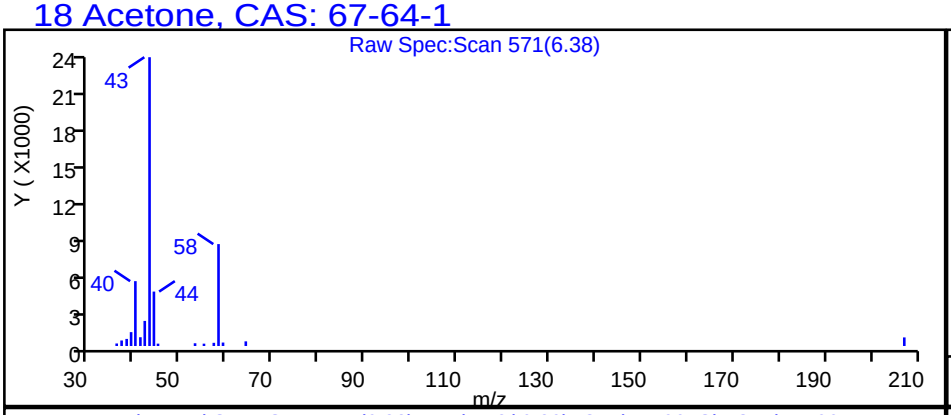


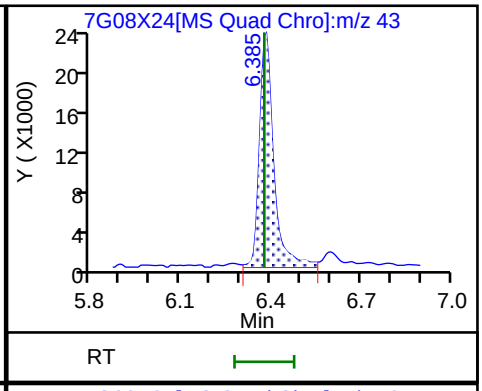
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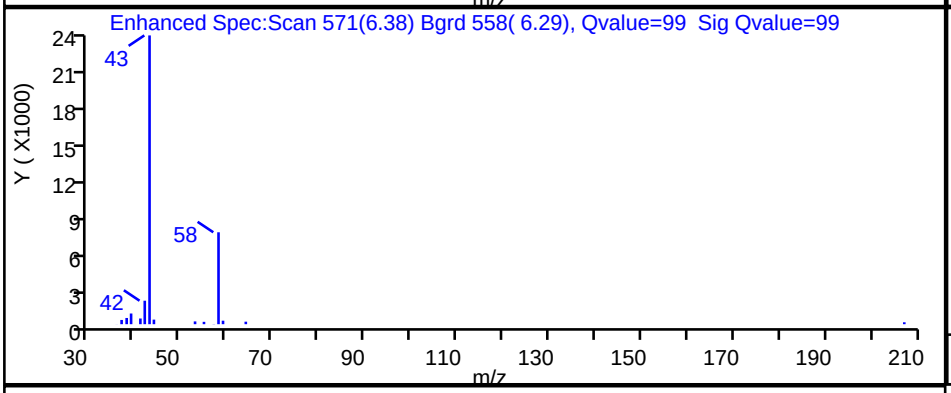
Eurofins Lancaster Laboratories Environment Testing, LLC

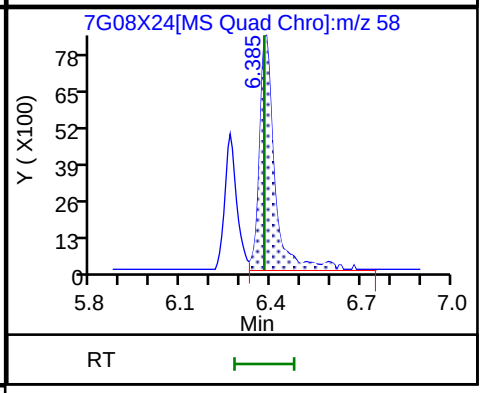
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Injection Date:	08-Aug-2025 21:13:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-7	Lab Sample ID:	410-236802-7		
Client ID:	2109				
Operator ID:	sn105465	ALS Bottle#:	17	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

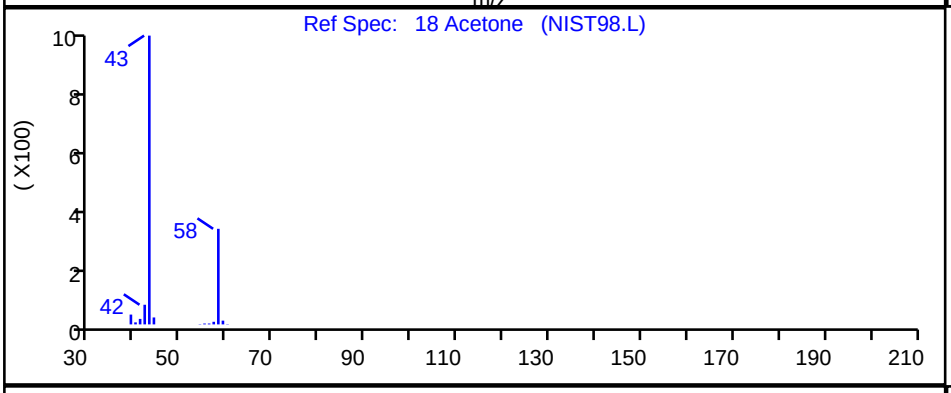
18 Acetone, CAS: 67-64-1

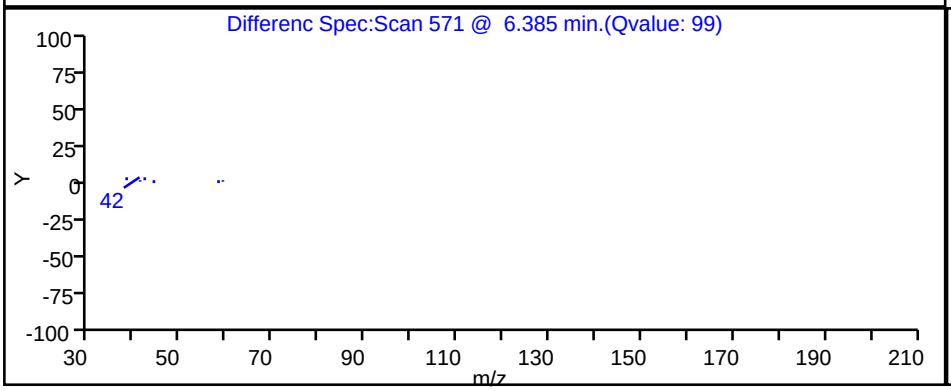


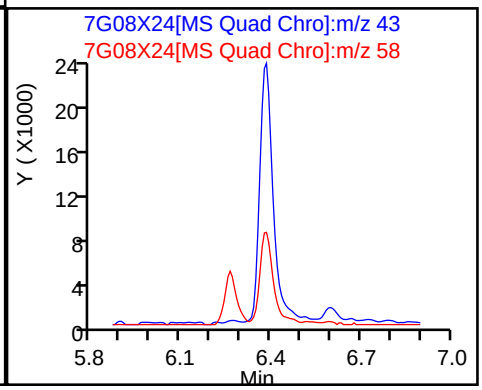












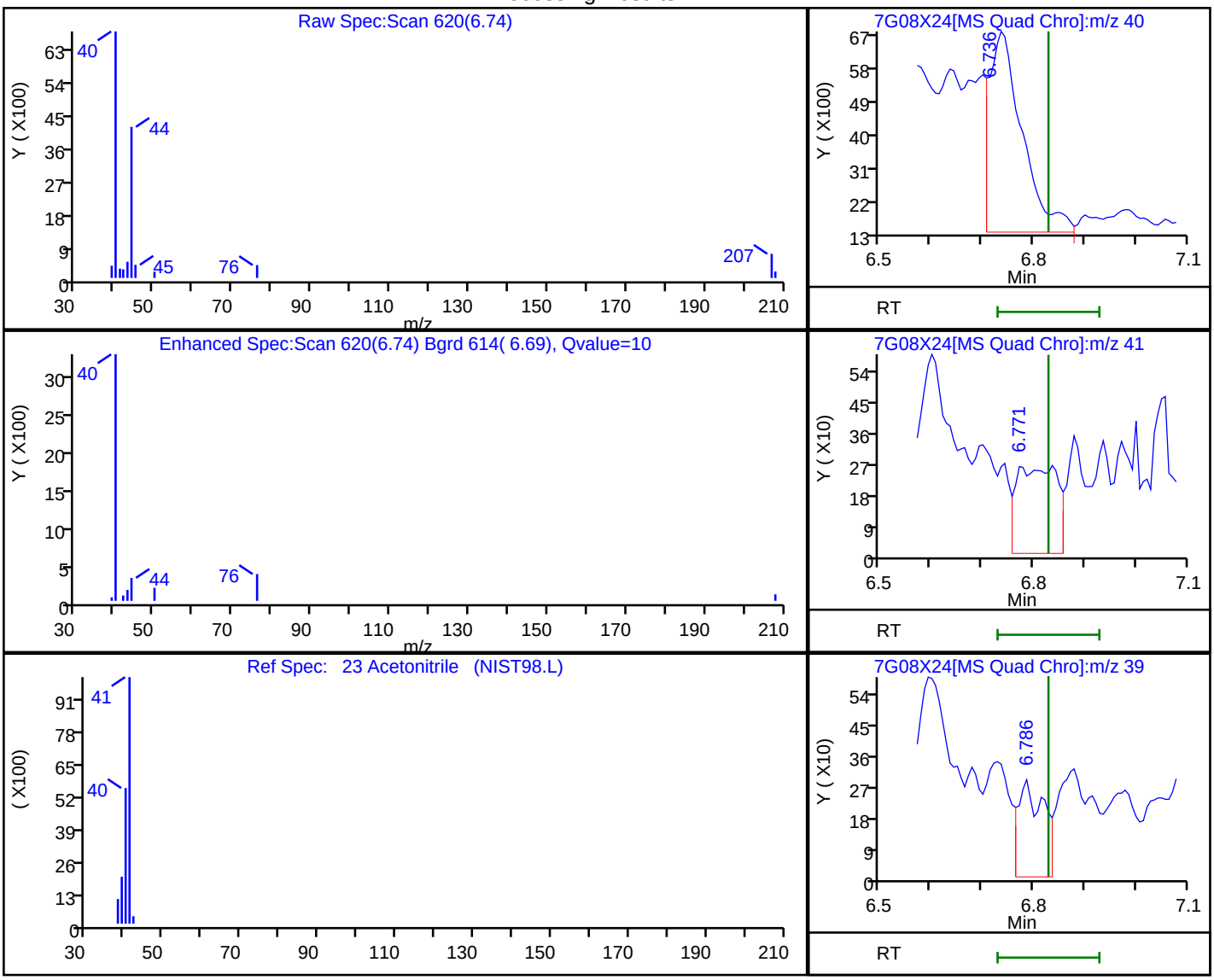
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X24.D				
Injection Date:	08-Aug-2025 21:13:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-7	Lab Sample ID:	410-236802-7		
Client ID:	2109				
Operator ID:	sn105465	ALS Bottle#:	17	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
6.74	40.00	23415	1.747653
6.77	41.00	1395	
6.79	39.00	944	

Reviewer: D7UM, 12-Aug-2025 10:30:54 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

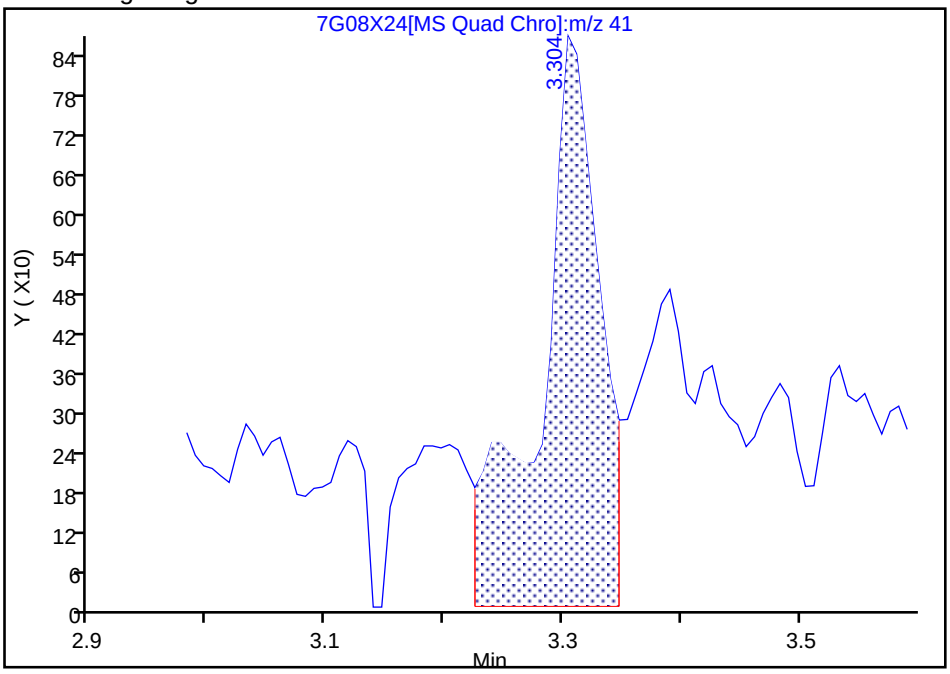
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Injection Date:	08-Aug-2025 21:13:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-7	Lab Sample ID:	410-236802-7		
Client ID:	2109				
Operator ID:	sn105465	ALS Bottle#:	17	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

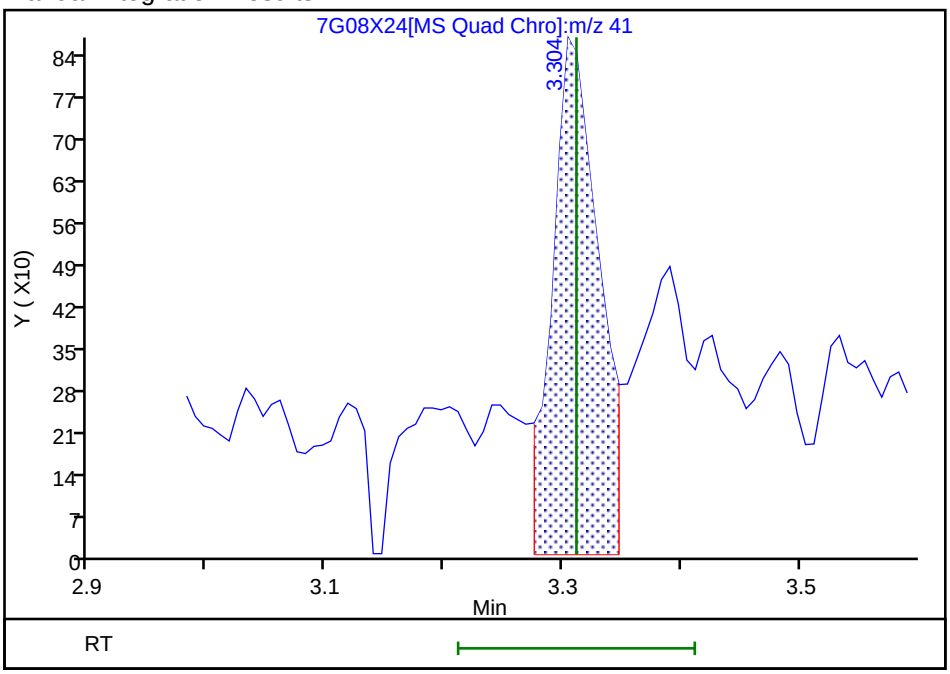
Processing Integration Results

RT: 3.30
Area: 2971
Amount: 0.126121
Amount Units: ppb v/v



Manual Integration Results

RT: 3.30
Area: 2296
Amount: 0.097467
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:30:45 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2022 Lab Sample ID: 410-236802-8

Matrix: Air Lab File ID: 7G08X25.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2022 Lab Sample ID: 410-236802-8

Matrix: Air Lab File ID: 7G08X25.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2022 Lab Sample ID: 410-236802-8

Matrix: Air Lab File ID: 7G08X25.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2022 Lab Sample ID: 410-236802-8

Matrix: Air Lab File ID: 7G08X25.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Report Date: 12-Aug-2025 14:03:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X25.D
Lims ID: 410-236802-A-8
Client ID: 2022
Sample Type: Client
Inject. Date: 08-Aug-2025 21:43:09 ALS Bottle#: 18 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2022
Misc. Info.: 410-0155958-026
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 12-Aug-2025 10:45:14 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: D7UM Date: 12-Aug-2025 10:33:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.304	3.318	-0.007	68	2159	0.0907	
18 Acetone	43	6.385	6.391	0.007	95	50758	0.8679	M
21 Isopropyl alcohol	45	6.599	6.592	0.014	80	11358	0.2239	
* 39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	563874	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1976285	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	87	1894676	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

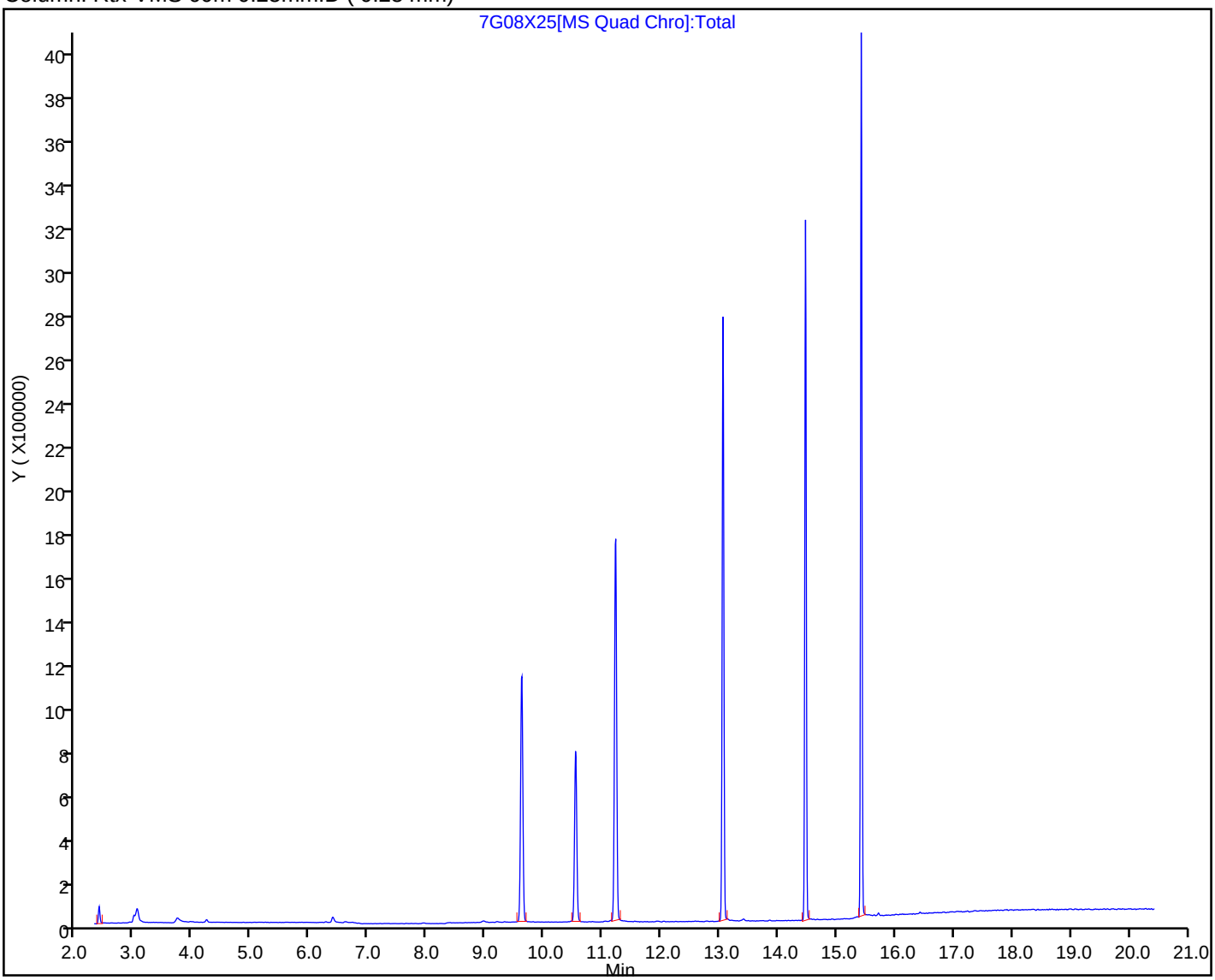
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:03:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X25.D				
Injection Date:	08-Aug-2025 21:43:09	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-8	Lab Sample ID:	410-236802-8		
Client ID:	2022				
Operator ID:	sn105465	ALS Bottle#:	18	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

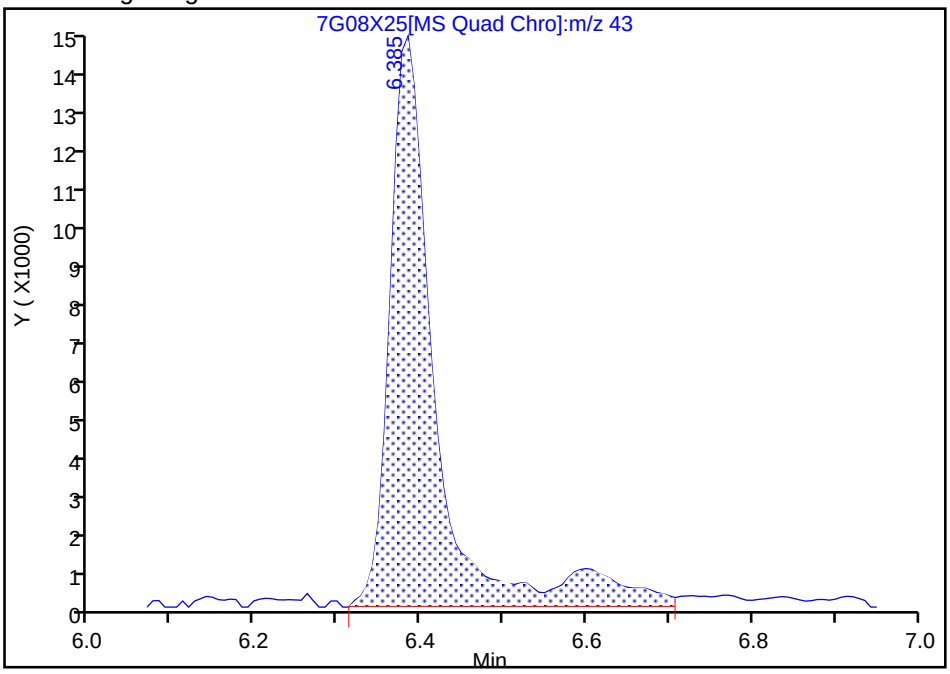
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Injection Date:	08-Aug-2025 21:43:09	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-8	Lab Sample ID:	410-236802-8		
Client ID:	2022				
Operator ID:	sn105465	ALS Bottle#:	18	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

Signal: 1

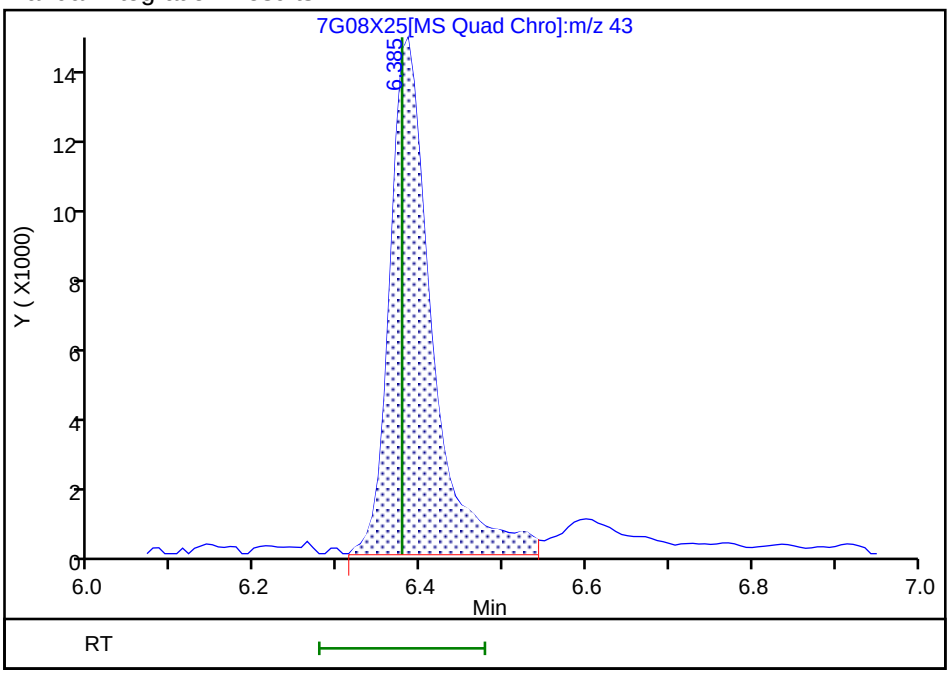
Processing Integration Results

RT: 6.38
Area: 56632
Amount: 0.968374
Amount Units: ppb v/v



Manual Integration Results

RT: 6.38
Area: 50758
Amount: 0.867932
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:32:14 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2103 Lab Sample ID: 410-236802-9

Matrix: Air Lab File ID: 7G08X26.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 22:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.25	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	3.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2103 Lab Sample ID: 410-236802-9

Matrix: Air Lab File ID: 7G08X26.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 22:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2103 Lab Sample ID: 410-236802-9

Matrix: Air Lab File ID: 7G08X26.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 22:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2103 Lab Sample ID: 410-236802-9

Matrix: Air Lab File ID: 7G08X26.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 22:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X26.D
Lims ID: 410-236802-A-9
Client ID: 2103
Sample Type: Client
Inject. Date: 08-Aug-2025 22:12:32 ALS Bottle#: 19 Worklist Smp#: 27
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2103
Misc. Info.: 410-0155958-027
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 12-Aug-2025 10:45:14 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: D7UM Date: 12-Aug-2025 10:35:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.311	3.318	0.000	71	1924	0.0818	M
18 Acetone	43	6.377	6.391	0.000	99	176744	3.06	M
21 Isopropyl alcohol	45	6.599	6.592	0.014	65	8632	0.1723	
35 2-Butanone (MEK)	72	9.192	9.192	0.014	95	5934	0.2521	
* 39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	556936	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1949043	10.0	
70 2-Hexanone	43	13.727	13.727	0.008	66	4054	0.0510	7M
* 73 Chlorobenzene-d5 (IS)	117	14.464	14.464	0.000	87	1869325	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

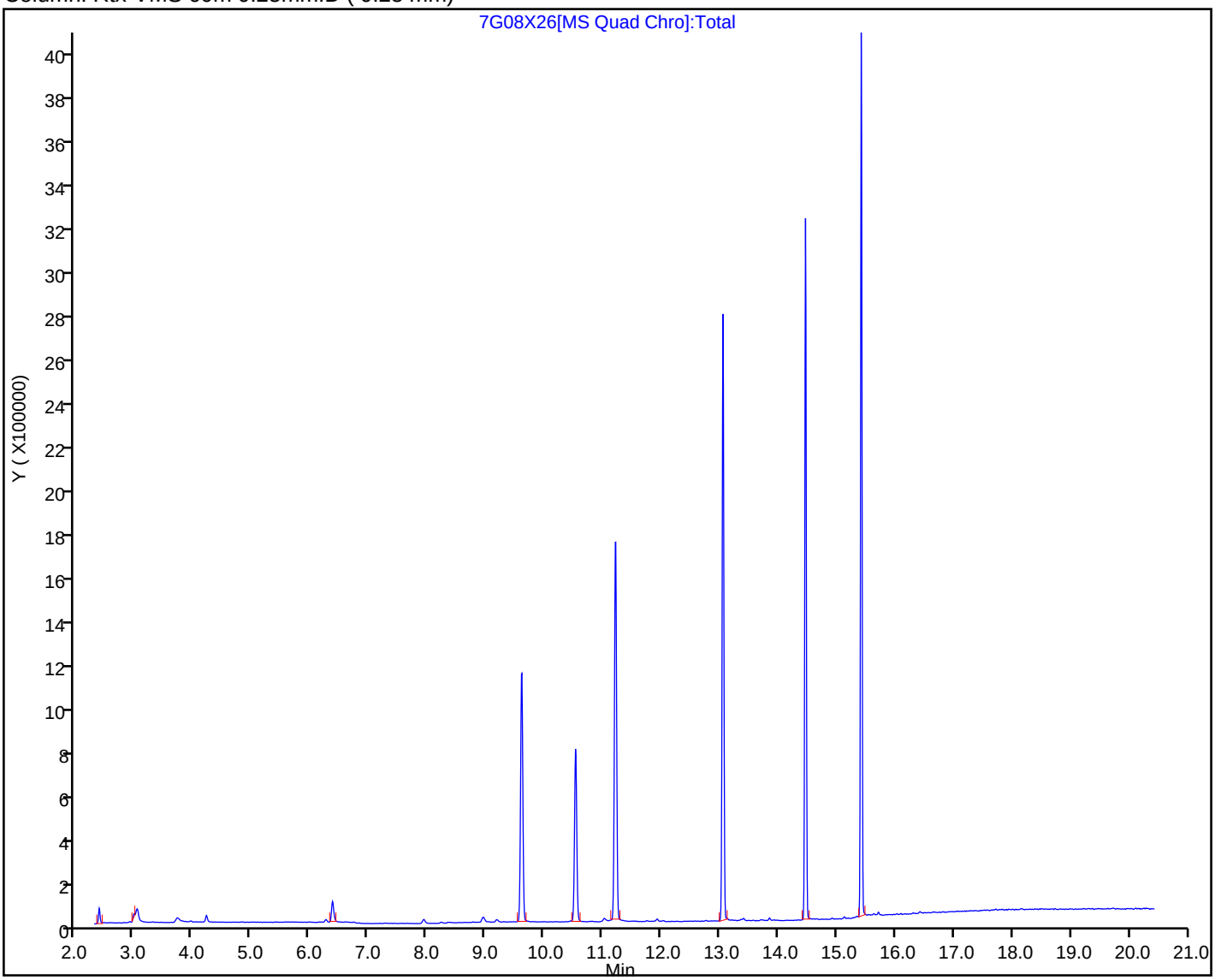
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:03:17 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X26.D				
Injection Date:	08-Aug-2025 22:12:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-9	Lab Sample ID:	410-236802-9		
Client ID:	2103				
Operator ID:	sn105465	ALS Bottle#:	19	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

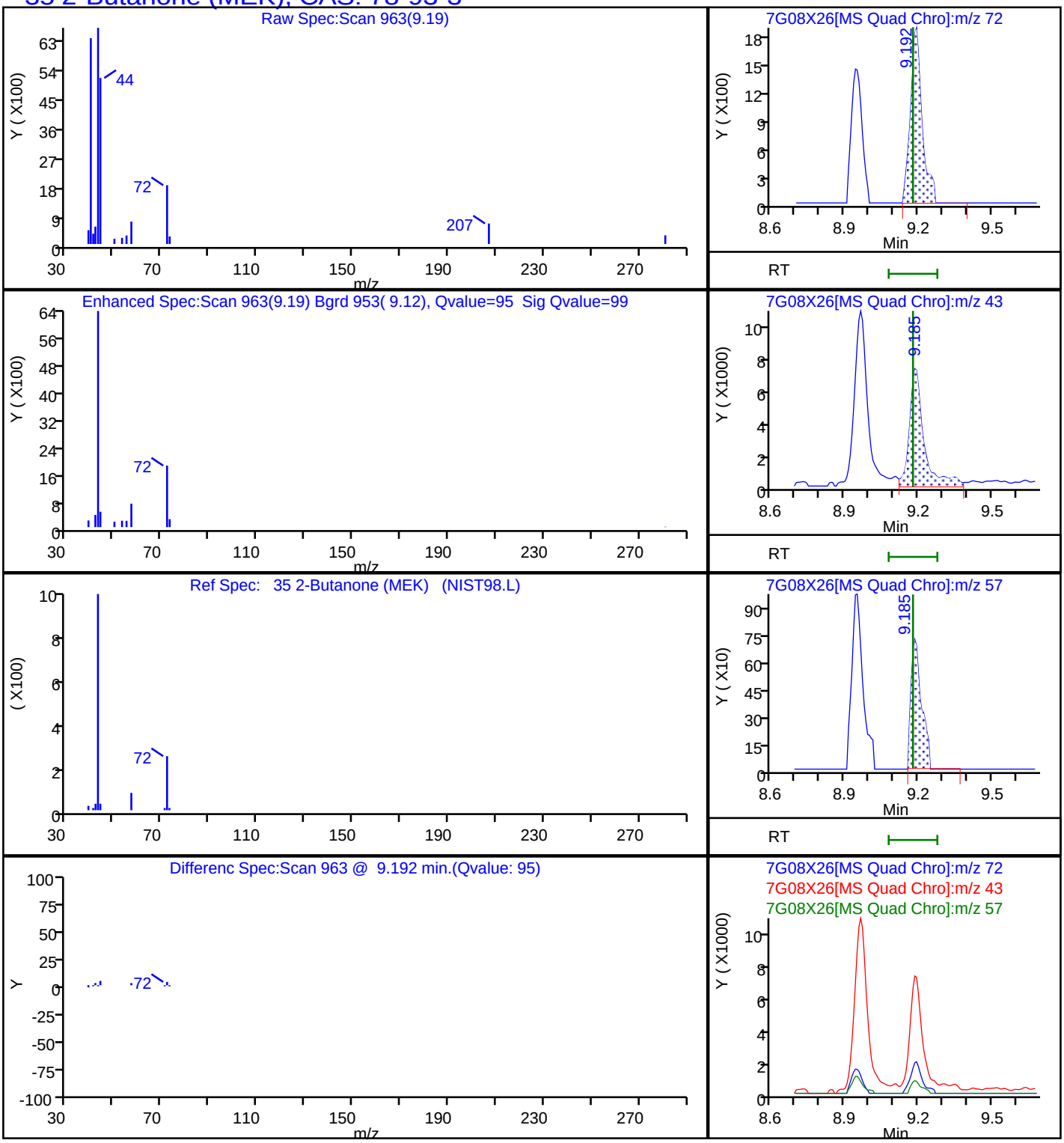


Report Date: 12-Aug-2025 14:03:19 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X26.D				
Injection Date:	08-Aug-2025 22:12:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-9	Lab Sample ID:	410-236802-9		
Client ID:	2103				
Operator ID:	sn105465	ALS Bottle#:	19	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

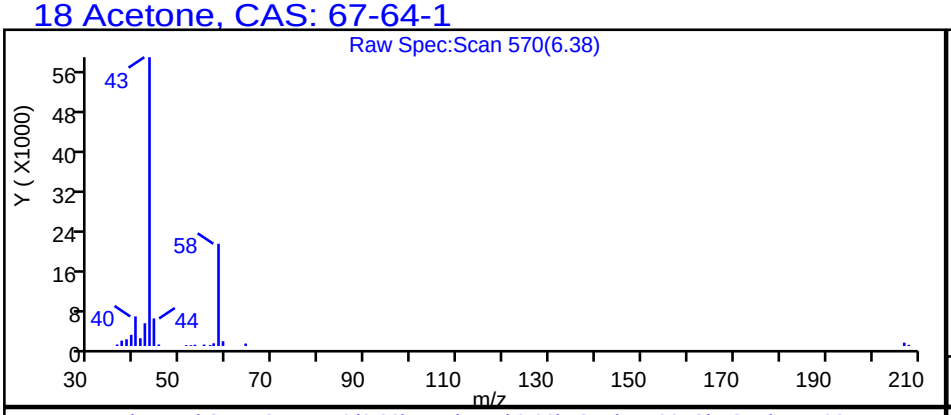


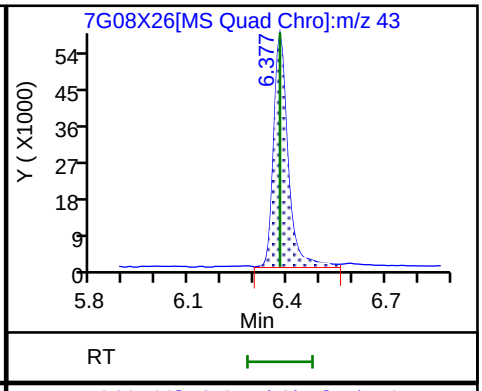
Report Date: 12-Aug-2025 14:03:18 Chrom Revision: 2.3 25-Jul-2025 13:52:40

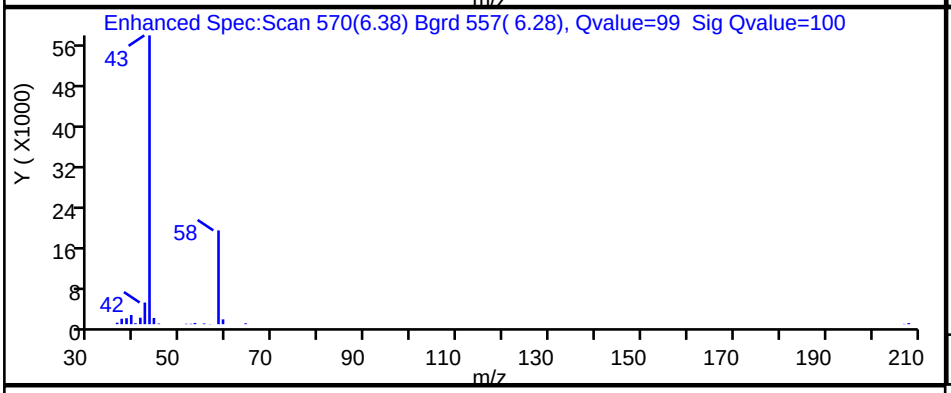
Eurofins Lancaster Laboratories Environment Testing, LLC

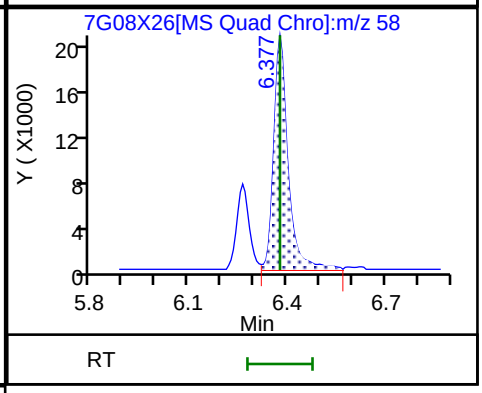
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X26.D				
Injection Date:	08-Aug-2025 22:12:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-9	Lab Sample ID:	410-236802-9		
Client ID:	2103				
Operator ID:	sn105465	ALS Bottle#:	19	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

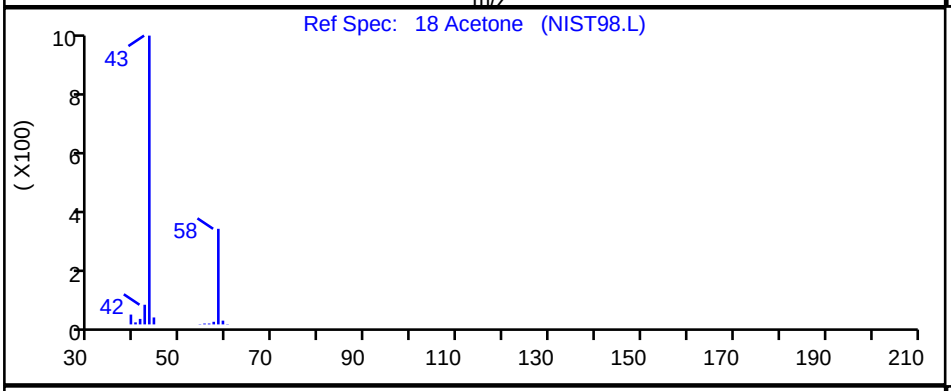
18 Acetone, CAS: 67-64-1

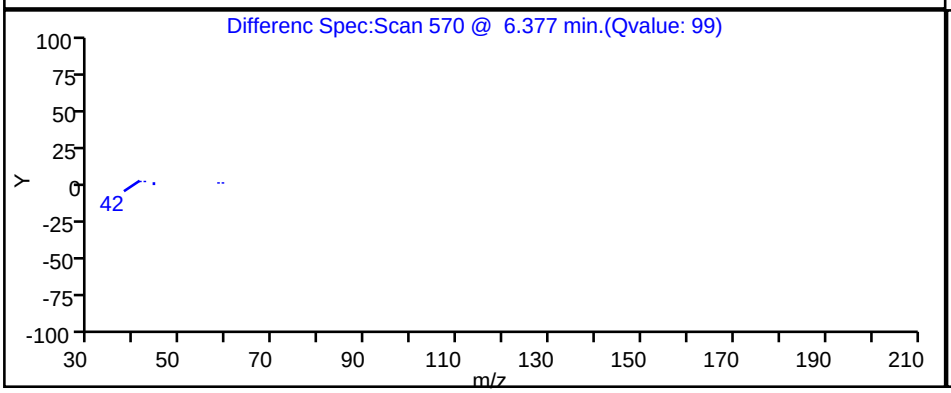


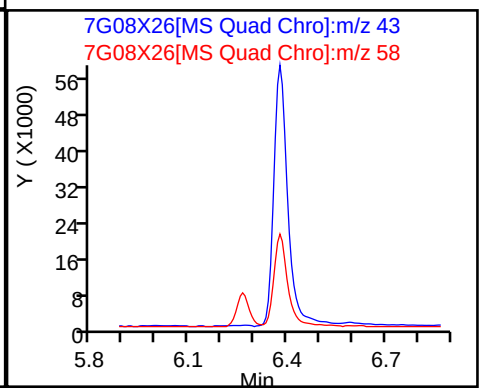












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

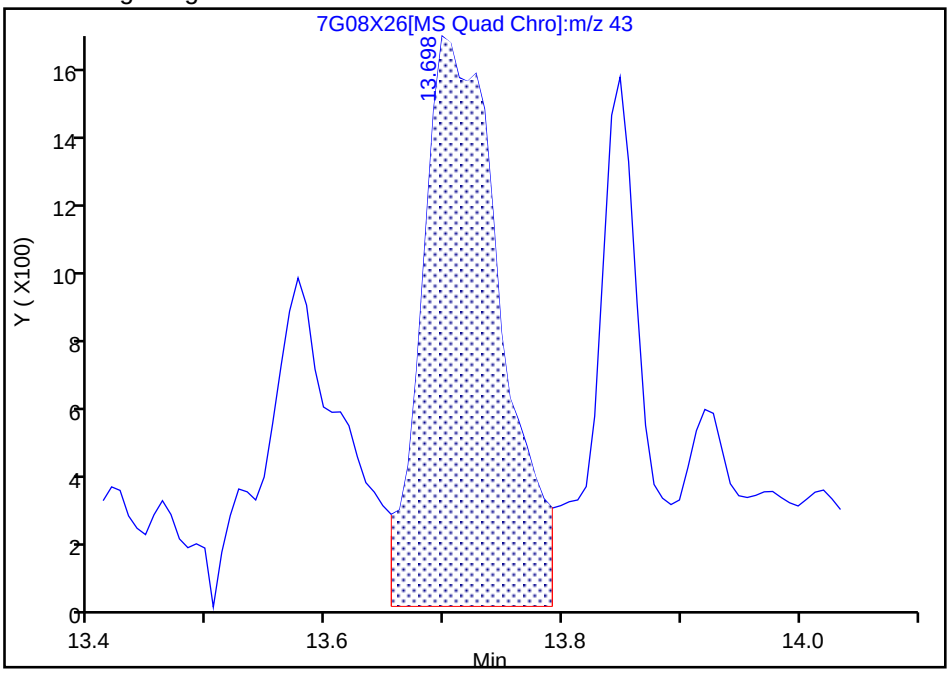
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Injection Date:	08-Aug-2025 22:12:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-9	Lab Sample ID:	410-236802-9		
Client ID:	2103				
Operator ID:	sn105465	ALS Bottle#:	19	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

70 2-Hexanone, CAS: 591-78-6

Signal: 1

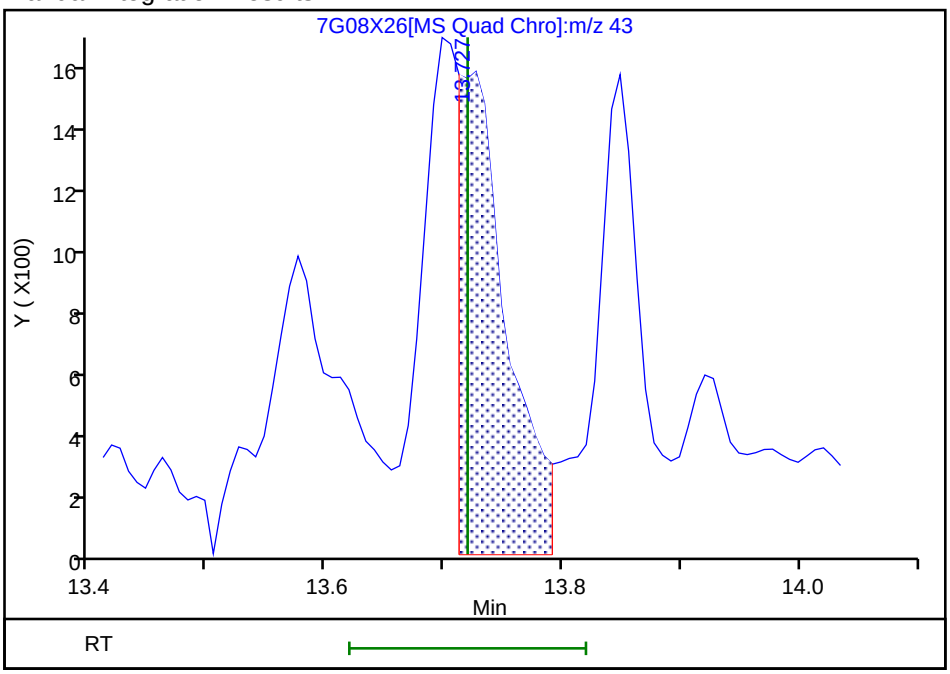
Processing Integration Results

RT: 13.70
Area: 7441
Amount: 0.093561
Amount Units: ppb v/v



Manual Integration Results

RT: 13.73
Area: 4054
Amount: 0.050974
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:34:22 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

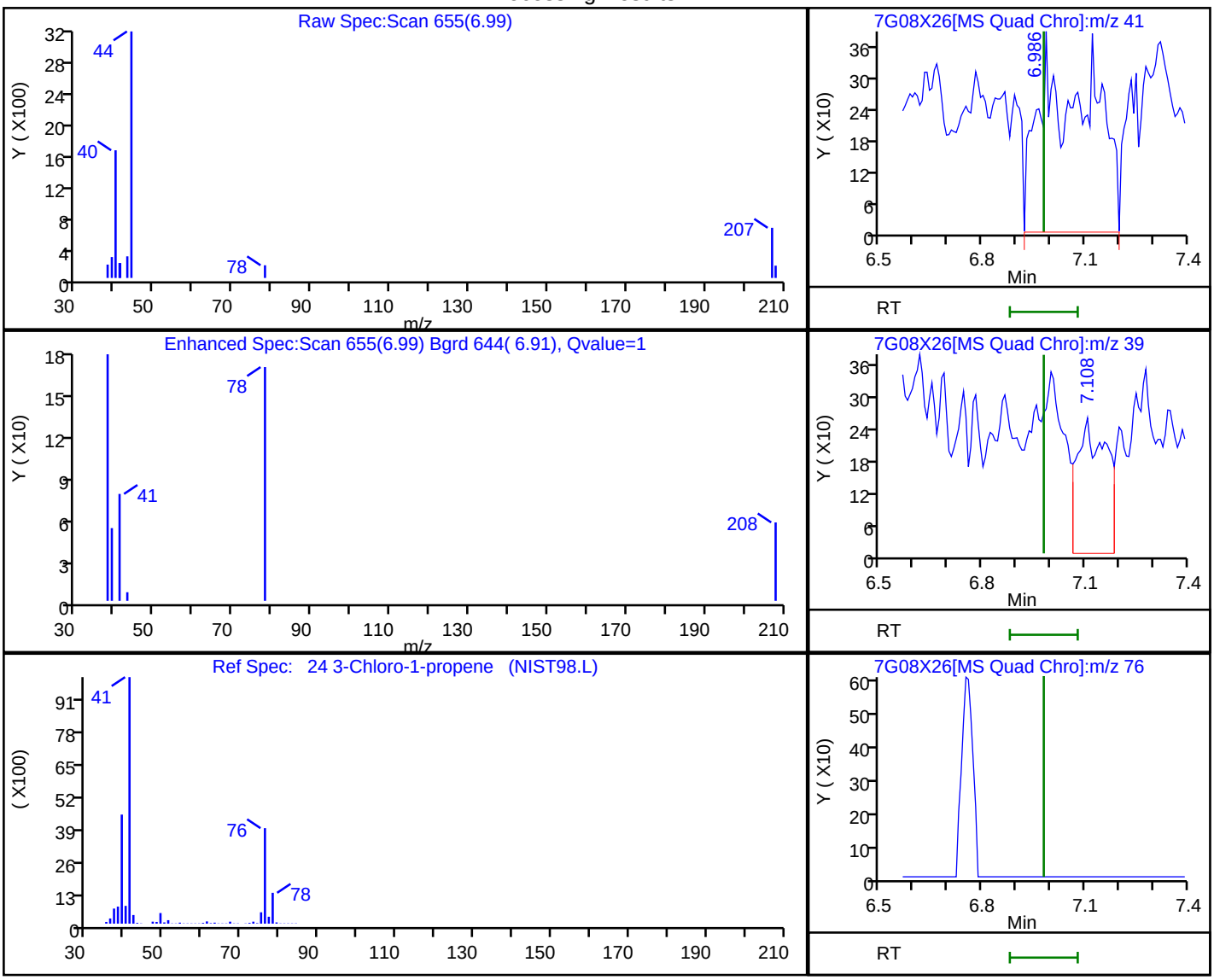
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X26.D				
Injection Date:	08-Aug-2025 22:12:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-9	Lab Sample ID:	410-236802-9		
Client ID:	2103				
Operator ID:	sn105465	ALS Bottle#:	19	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

24 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
6.99	41.00	3804	0.076462
7.11	39.00	1450	
6.98	76.00	0	

Reviewer: D7UM, 12-Aug-2025 10:33:57 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

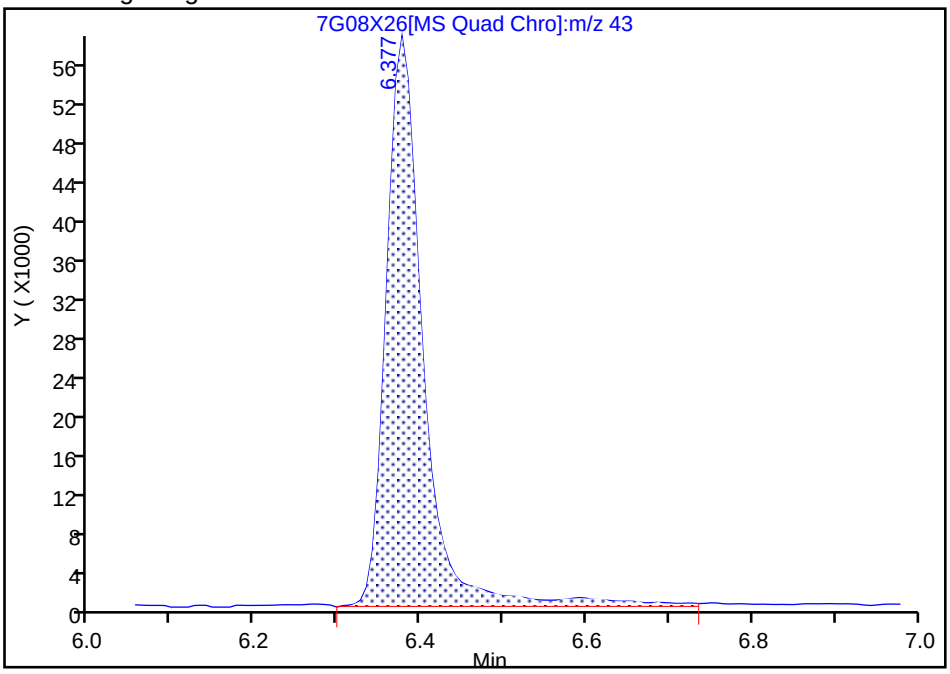
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Injection Date:	08-Aug-2025 22:12:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-9	Lab Sample ID:	410-236802-9		
Client ID:	2103				
Operator ID:	sn105465	ALS Bottle#:	19	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

Signal: 1

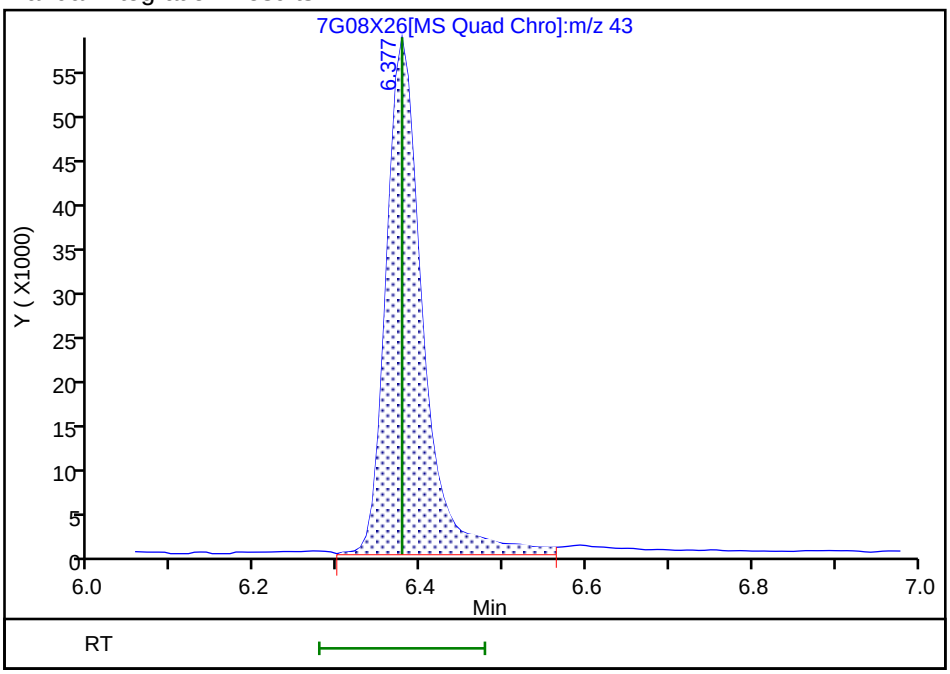
Processing Integration Results

RT: 6.38
Area: 183019
Amount: 3.168504
Amount Units: ppb v/v



Manual Integration Results

RT: 6.38
Area: 176744
Amount: 3.059869
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:33:53 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

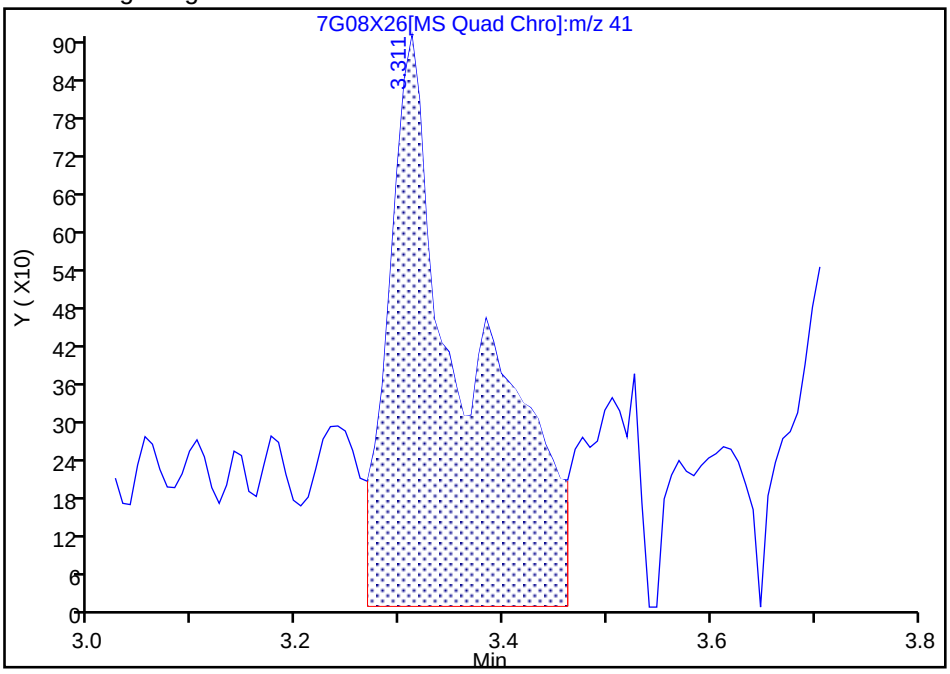
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X26.D				
Injection Date:	08-Aug-2025 22:12:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-9	Lab Sample ID:	410-236802-9		
Client ID:	2103				
Operator ID:	sn105465	ALS Bottle#:	19	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

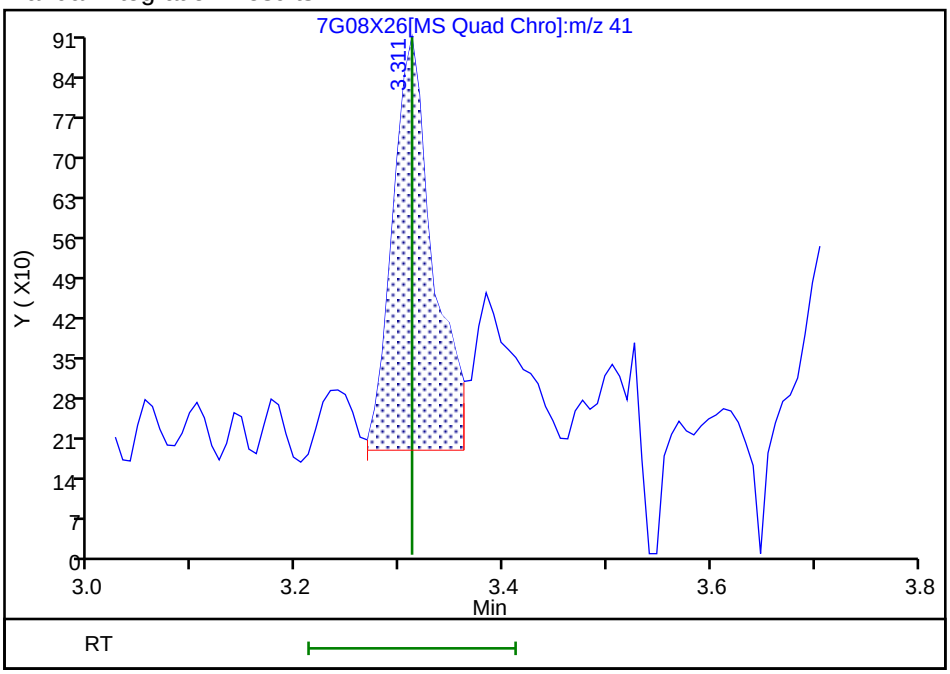
Processing Integration Results

RT: 3.31
Area: 4908
Amount: 0.208651
Amount Units: ppb v/v



Manual Integration Results

RT: 3.31
Area: 1924
Amount: 0.081794
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:33:42 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2024 Lab Sample ID: 410-236802-10

Matrix: Air Lab File ID: 7G08X28.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.4	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2024 Lab Sample ID: 410-236802-10

Matrix: Air Lab File ID: 7G08X28.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2024 Lab Sample ID: 410-236802-10

Matrix: Air Lab File ID: 7G08X28.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2024 Lab Sample ID: 410-236802-10

Matrix: Air Lab File ID: 7G08X28.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X28.D				
Lims ID:	410-236802-A-10				
Client ID:	2024				
Sample Type:	Client				
Inject. Date:	08-Aug-2025 23:11:21	ALS Bottle#:	21	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc2024				
Misc. Info.:	410-0155958-029				
Operator ID:	sn105465	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	12-Aug-2025 14:05:57	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1610				
First Level Reviewer: D7UM		Date:	12-Aug-2025 10:36:44		

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	3.319	3.311	0.008	82	2423	0.1020	M
	18 Acetone	43	6.385	6.377	0.008	98	84212	1.44	
	21 Isopropyl alcohol	45	6.600	6.585	0.015	89	16575	0.3277	
	35 2-Butanone (MEK)	72	9.200	9.178	0.022	89	2921	0.1229	
*	39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	562305	10.0	
*	51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1954754	10.0	
*	73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	87	1895641	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

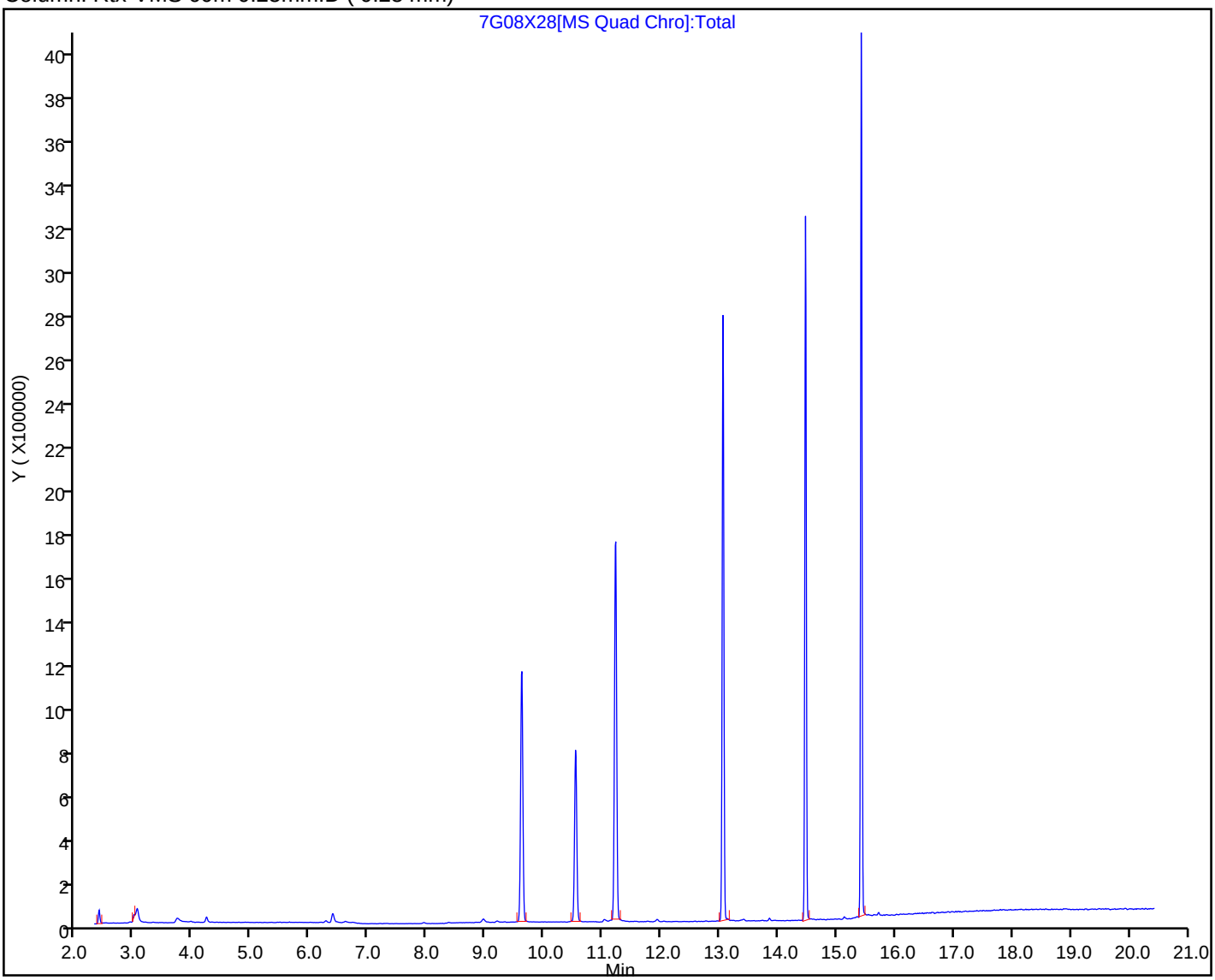
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:06:03 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X28.D				
Injection Date:	08-Aug-2025 23:11:21	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-10	Lab Sample ID:	410-236802-10		
Client ID:	2024				
Operator ID:	sn105465	ALS Bottle#:	21	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

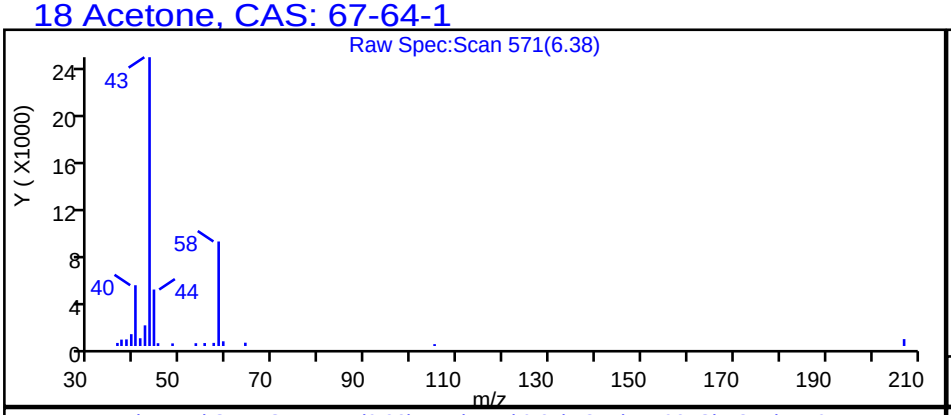


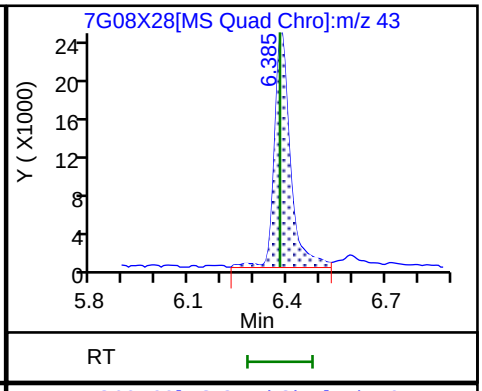
Report Date: 12-Aug-2025 14:06:03 Chrom Revision: 2.3 25-Jul-2025 13:52:40

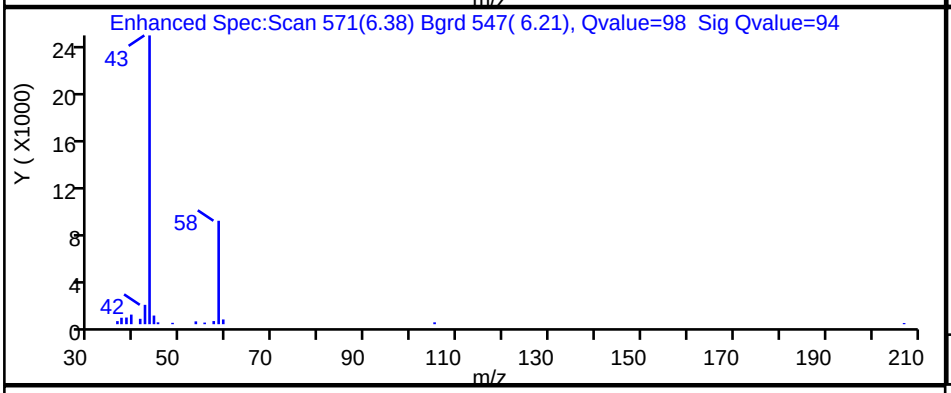
Eurofins Lancaster Laboratories Environment Testing, LLC

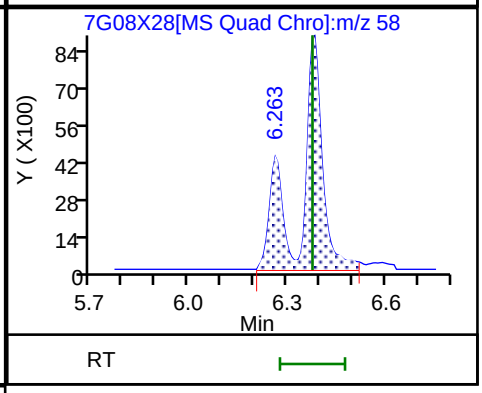
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Injection Date:	08-Aug-2025 23:11:21	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-10	Lab Sample ID:	410-236802-10		
Client ID:	2024				
Operator ID:	sn105465	ALS Bottle#:	21	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

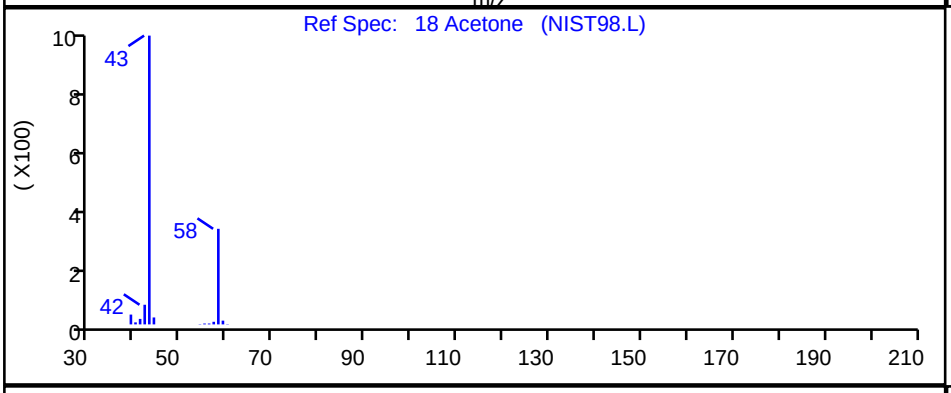
18 Acetone, CAS: 67-64-1

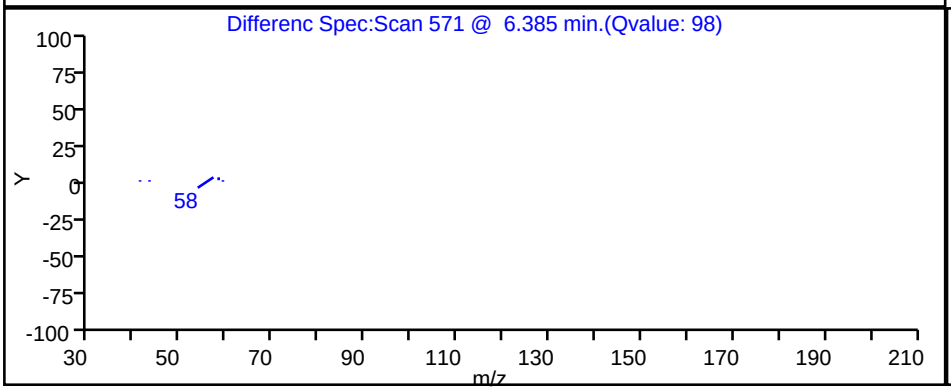


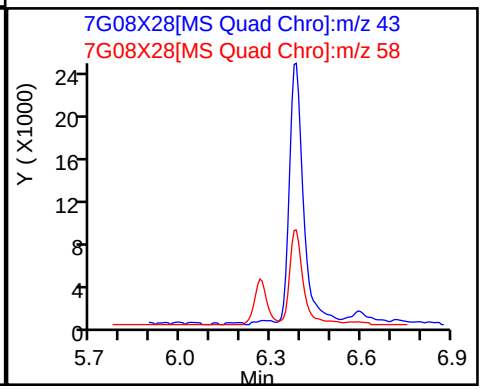












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

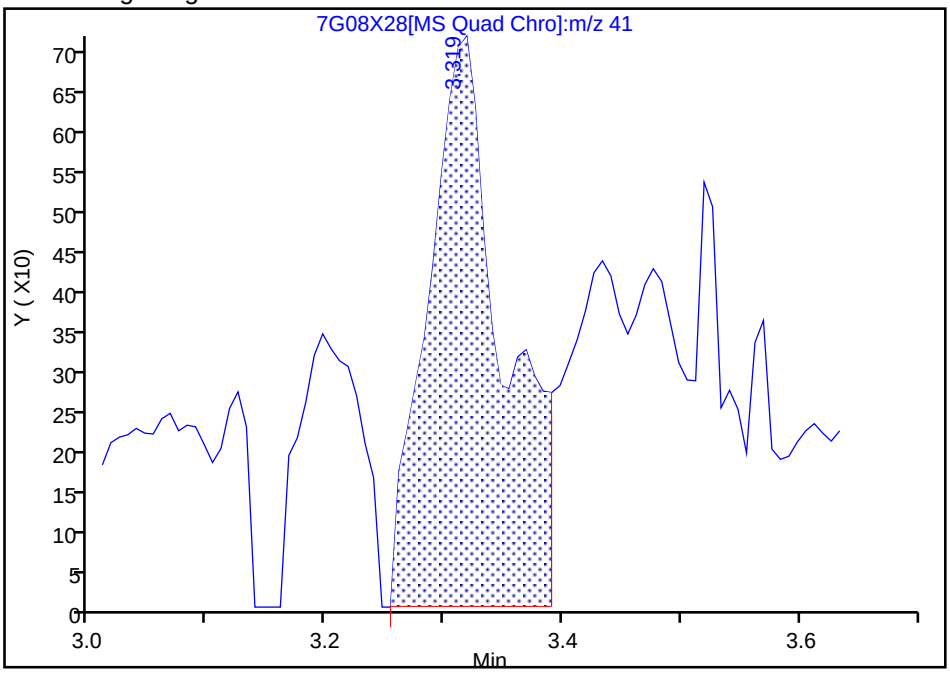
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Lims ID:	410-236802-A-10	Lab Sample ID:	410-236802-10		
Client ID:	2024				
Operator ID:	sn105465	ALS Bottle#:	21	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

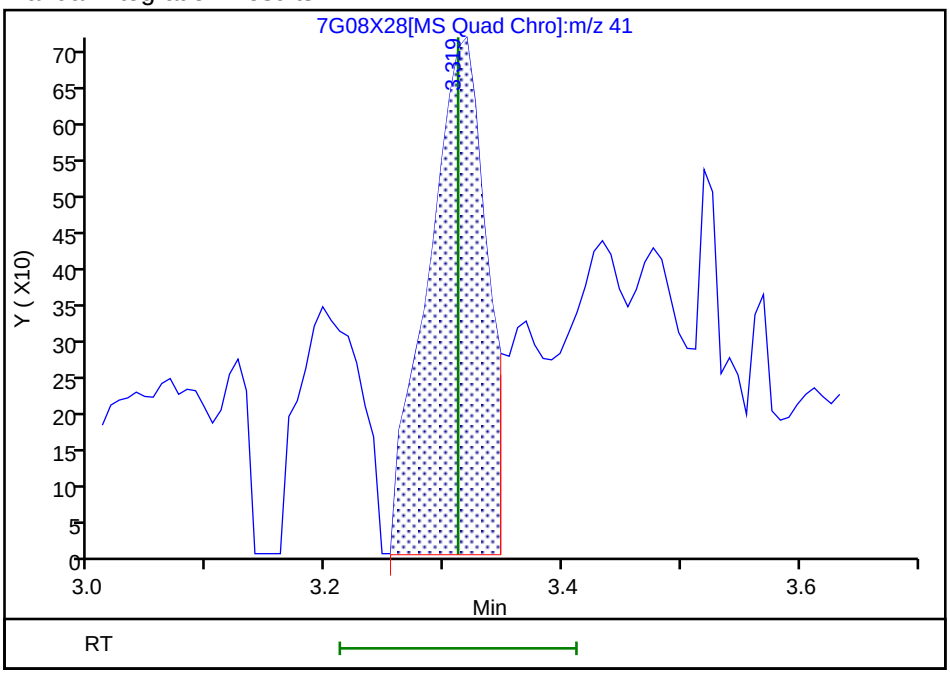
Processing Integration Results

RT: 3.32
Area: 3176
Amount: 0.133730
Amount Units: ppb v/v



Manual Integration Results

RT: 3.32
Area: 2423
Amount: 0.102024
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:35:58 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2108 Lab Sample ID: 410-236802-11

Matrix: Air Lab File ID: 7G08X29.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.40	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	3.8	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2108 Lab Sample ID: 410-236802-11

Matrix: Air Lab File ID: 7G08X29.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2108 Lab Sample ID: 410-236802-11

Matrix: Air Lab File ID: 7G08X29.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2108 Lab Sample ID: 410-236802-11

Matrix: Air Lab File ID: 7G08X29.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X29.D
Lims ID: 410-236802-A-11
Client ID: 2108
Sample Type: Client
Inject. Date: 08-Aug-2025 23:40:50 ALS Bottle#: 22 Worklist Smp#: 30
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2108
Misc. Info.: 410-0155958-030
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 12-Aug-2025 14:05:57 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: D7UM Date: 12-Aug-2025 10:43:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.304	3.311	-0.007	89	4090	0.1742	M
15 Acrolein	56	6.155	6.148	0.007	77	5709	0.3675	
18 Acetone	43	6.377	6.377	0.000	100	219939	3.81	
21 Isopropyl alcohol	45	6.592	6.585	0.007	95	26495	0.5297	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	96	9287	0.3953	
* 39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	556001	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1939939	10.0	
70 2-Hexanone	43	13.727	13.719	0.008	77	7698	0.0977	
* 73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	87	1852602	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

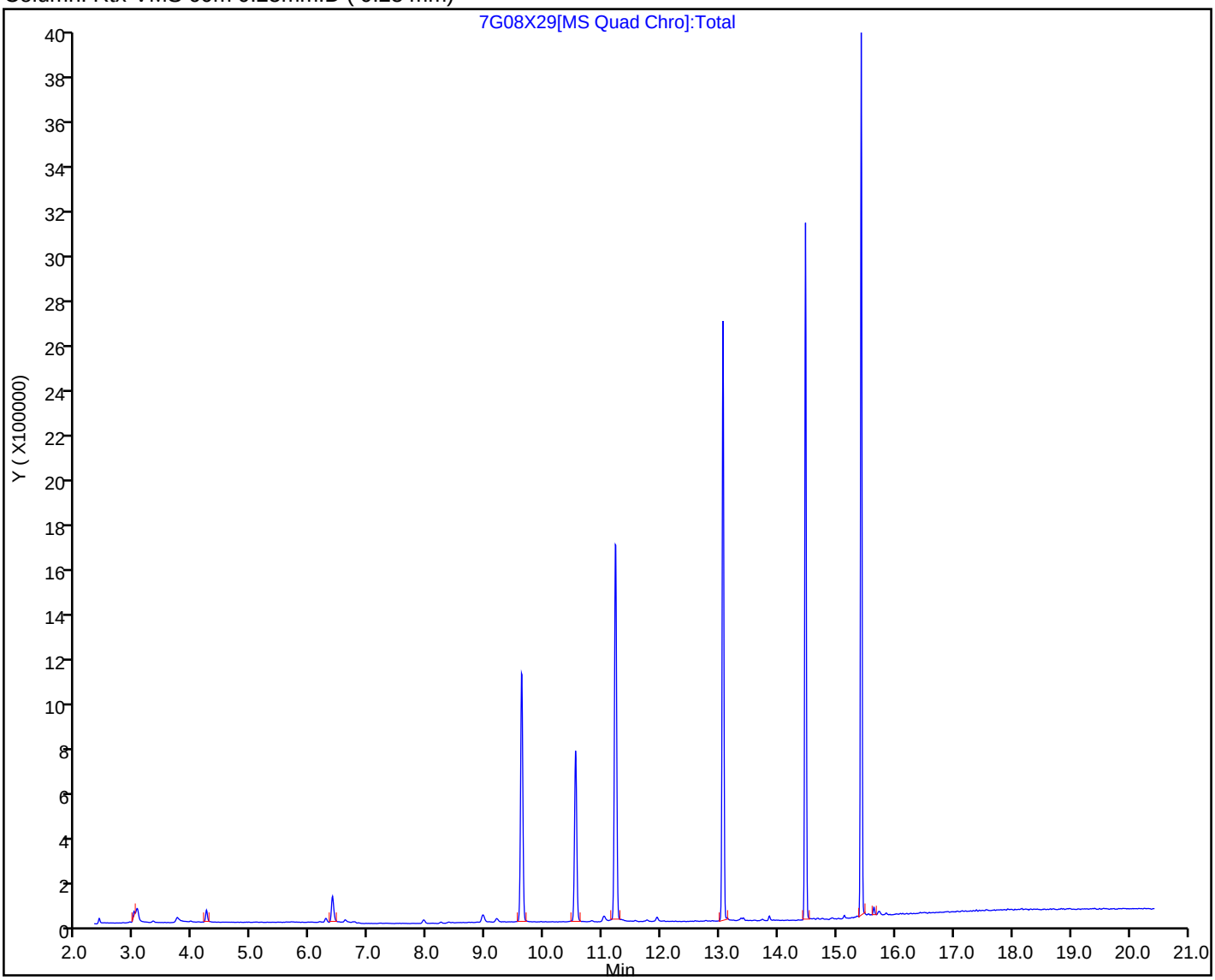
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:06:06 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X29.D				
Injection Date:	08-Aug-2025 23:40:50	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-11	Lab Sample ID:	410-236802-11		
Client ID:	2108				
Operator ID:	sn105465	ALS Bottle#:	22	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

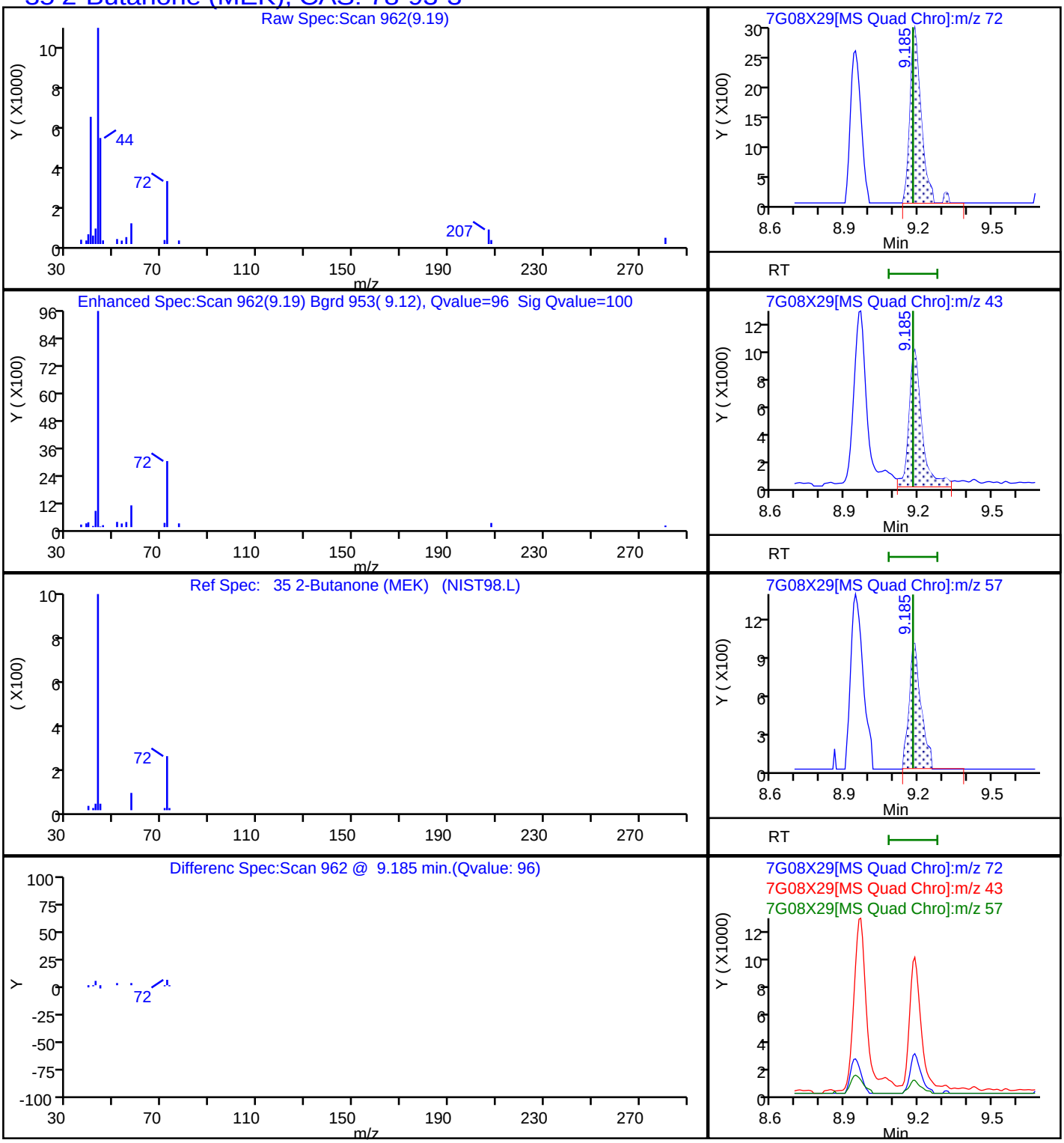


Report Date: 12-Aug-2025 14:06:06 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X29.D				
Injection Date:	08-Aug-2025 23:40:50	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-11	Lab Sample ID:	410-236802-11		
Client ID:	2108				
Operator ID:	sn105465	ALS Bottle#:	22	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

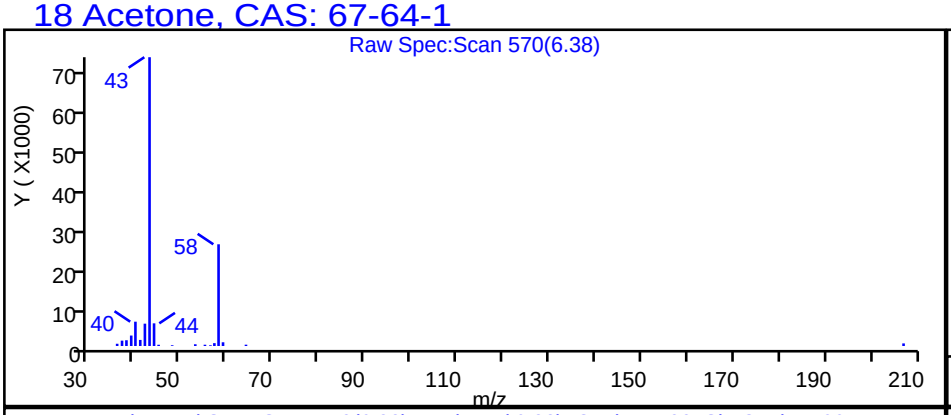


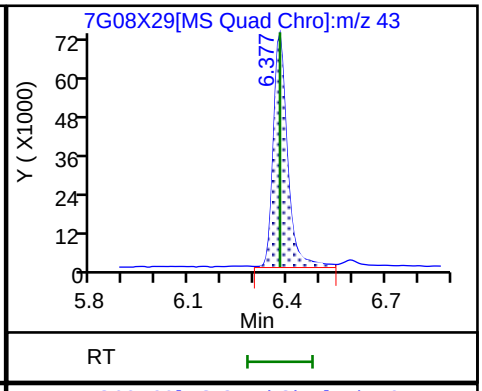
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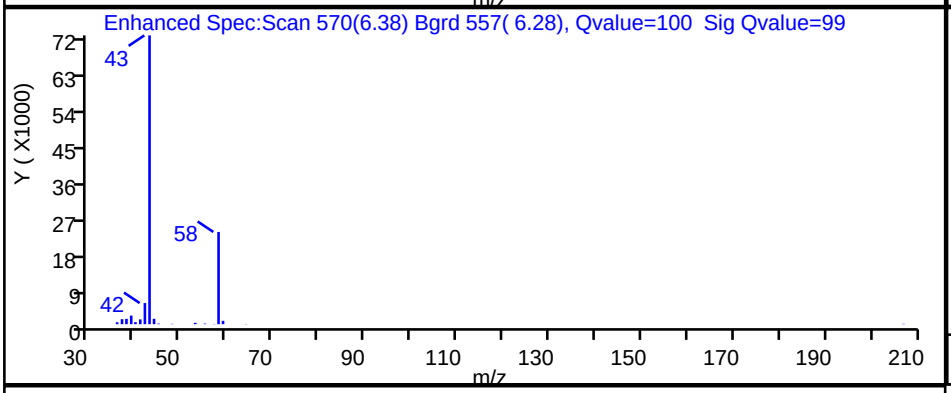
Eurofins Lancaster Laboratories Environment Testing, LLC

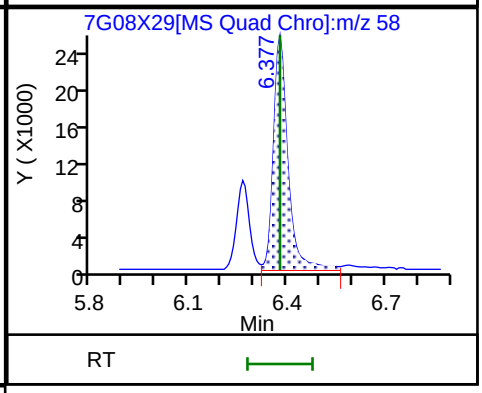
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Injection Date:	08-Aug-2025 23:40:50	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-11	Lab Sample ID:	410-236802-11		
Client ID:	2108				
Operator ID:	sn105465	ALS Bottle#:	22	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

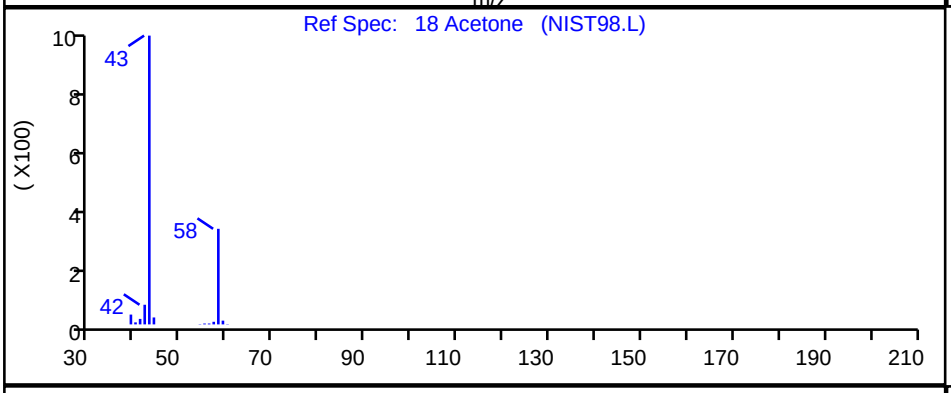
18 Acetone, CAS: 67-64-1

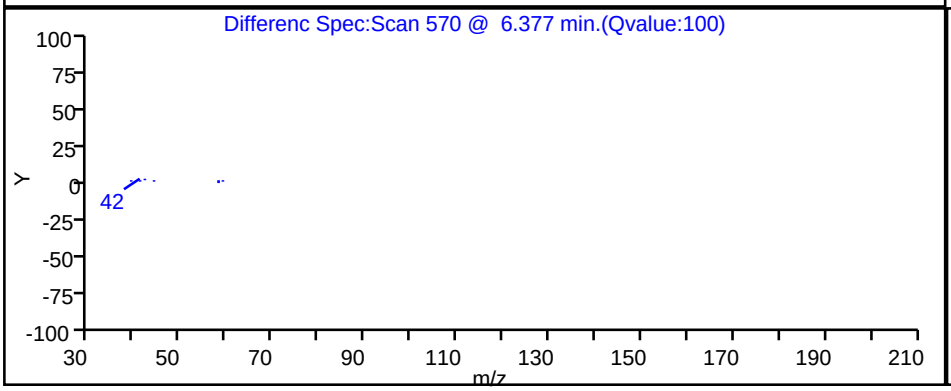


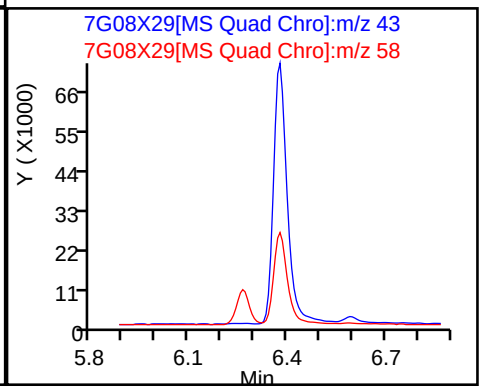












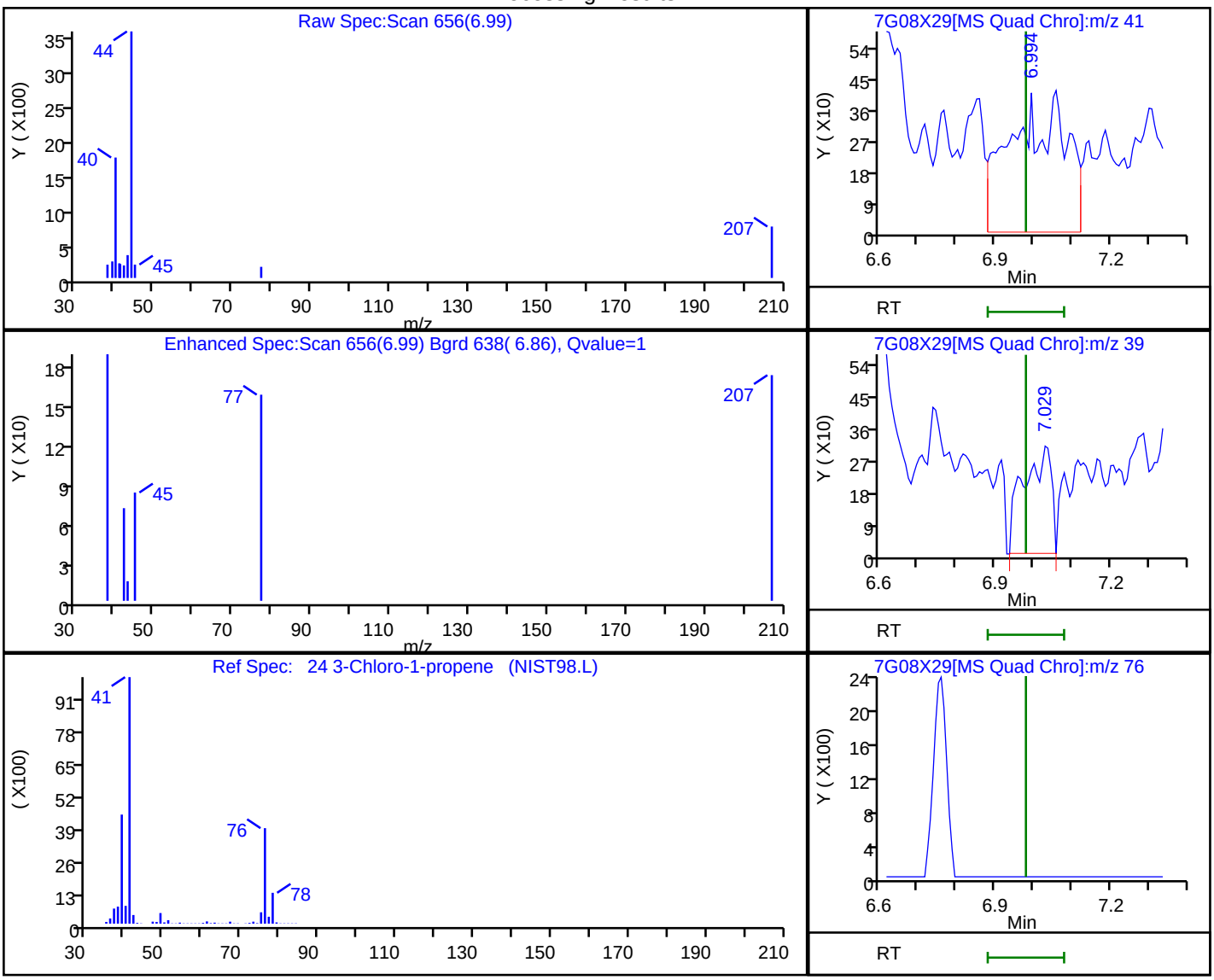
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X29.D				
Injection Date:	08-Aug-2025 23:40:50	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-11	Lab Sample ID:	410-236802-11		
Client ID:	2108				
Operator ID:	sn105465	ALS Bottle#:	22	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

24 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
6.99	41.00	3960	0.079732
7.03	39.00	1521	
6.98	76.00	0	

Reviewer: D7UM, 12-Aug-2025 10:42:26 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

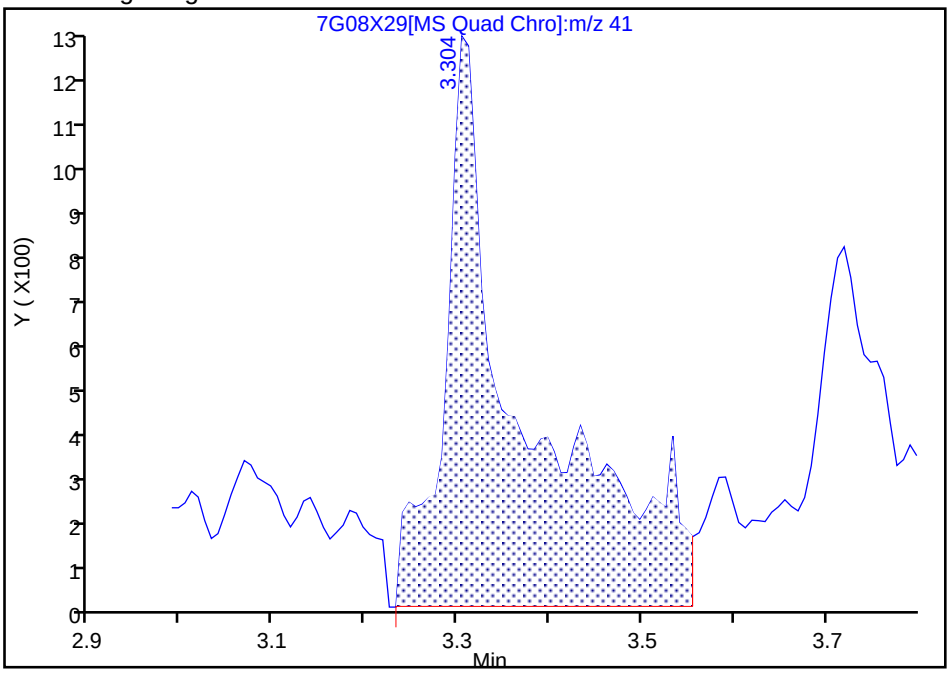
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Injection Date:	08-Aug-2025 23:40:50	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-11	Lab Sample ID:	410-236802-11		
Client ID:	2108				
Operator ID:	sn105465	ALS Bottle#:	22	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

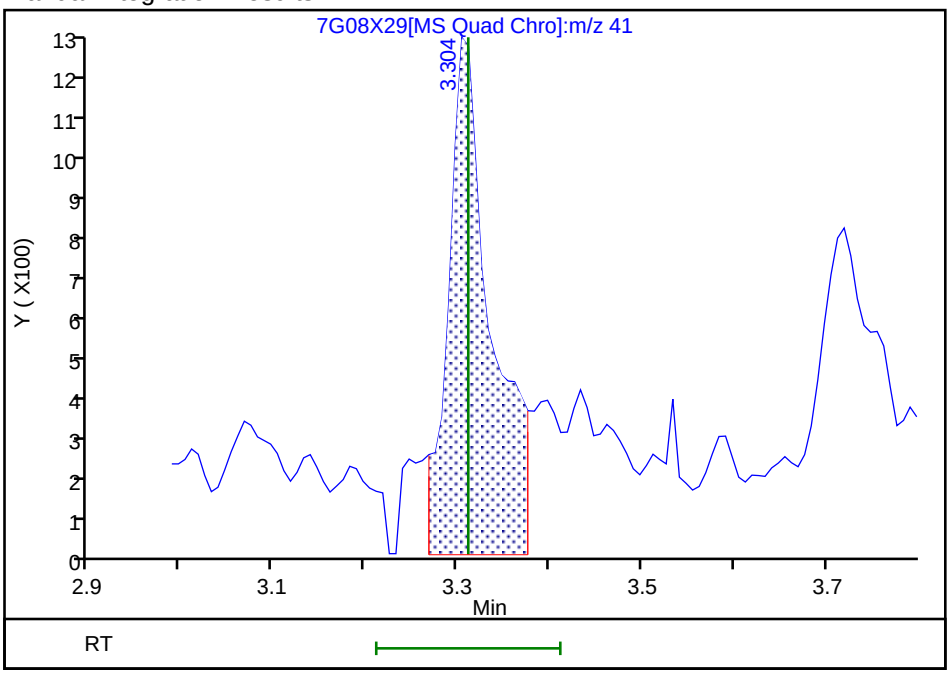
Processing Integration Results

RT: 3.30
Area: 7658
Amount: 0.326108
Amount Units: ppb v/v



Manual Integration Results

RT: 3.30
Area: 4090
Amount: 0.174168
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:41:53 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2123 Lab Sample ID: 410-236802-12

Matrix: Air Lab File ID: 7G08X34.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/09/2025 02:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2123 Lab Sample ID: 410-236802-12

Matrix: Air Lab File ID: 7G08X34.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/09/2025 02:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2123 Lab Sample ID: 410-236802-12

Matrix: Air Lab File ID: 7G08X34.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/09/2025 02:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2123 Lab Sample ID: 410-236802-12

Matrix: Air Lab File ID: 7G08X34.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/09/2025 02:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X34.D				
Lims ID:	410-236802-A-12				
Client ID:	2123				
Sample Type:	Client				
Inject. Date:	09-Aug-2025 02:15:32	ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN9987				
Misc. Info.:	410-0155958-035				
Operator ID:	sn105465	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	12-Aug-2025 14:05:57	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1610				
First Level Reviewer: D7UM		Date:	12-Aug-2025 10:45:14		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.318	3.311	0.007	76	1904	0.0817	M
18 Acetone	43	6.391	6.377	0.014	99	120253	2.10	M
21 Isopropyl alcohol	45	6.621	6.585	0.036	75	10262	0.2068	
35 2-Butanone (MEK)	72	9.242	9.178	0.064	96	4085	0.1753	
* 39 Chlorobromomethane (IS)	130	9.665	9.608	0.057	95	551565	10.0	
* 51 1,4-Difluorobenzene	114	11.277	11.212	0.065	95	1919962	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.500	14.464	0.036	87	1865346	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

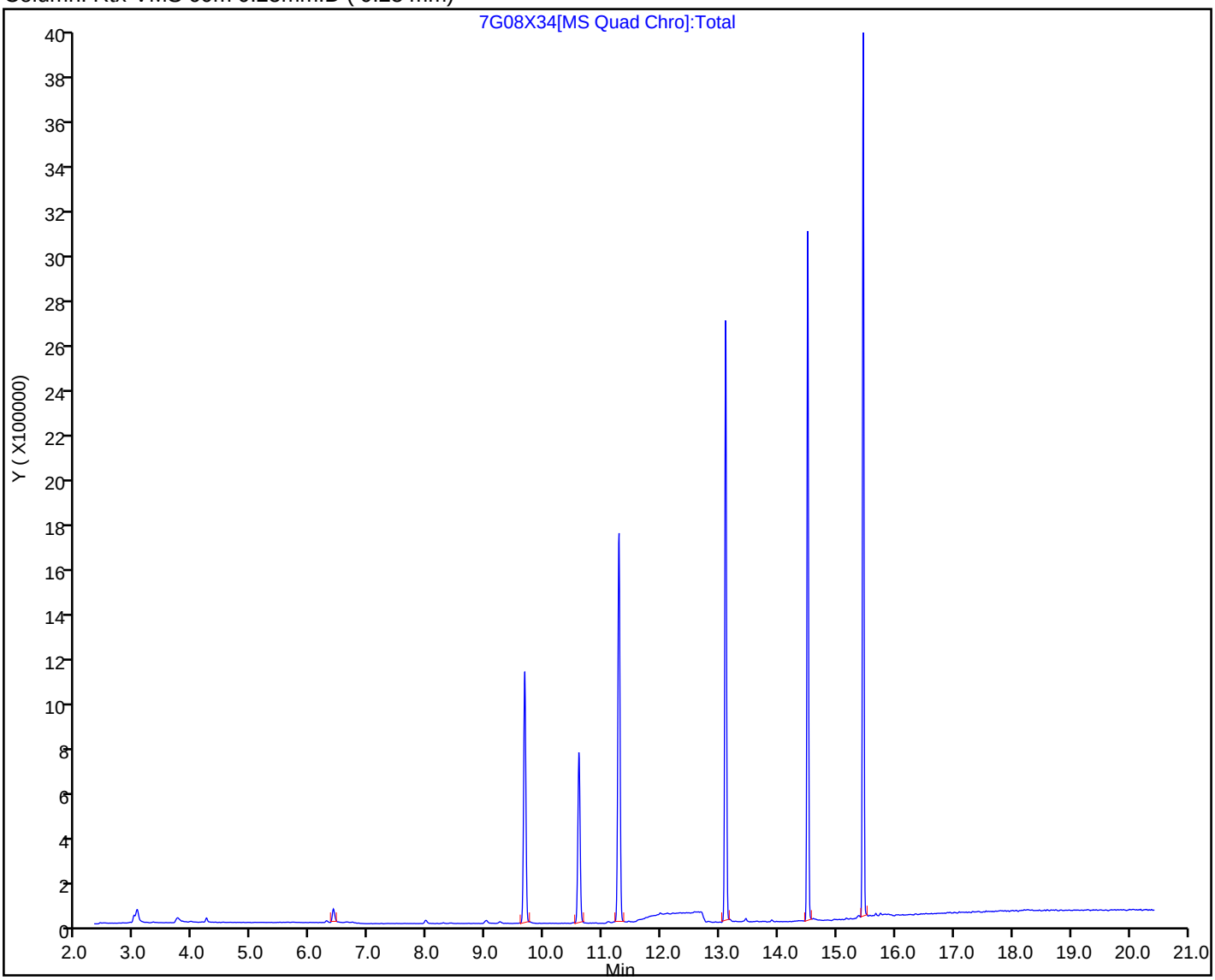
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:06:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X34.D				
Injection Date:	09-Aug-2025 02:15:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-12	Lab Sample ID:	410-236802-12		
Client ID:	2123				
Operator ID:	sn105465	ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

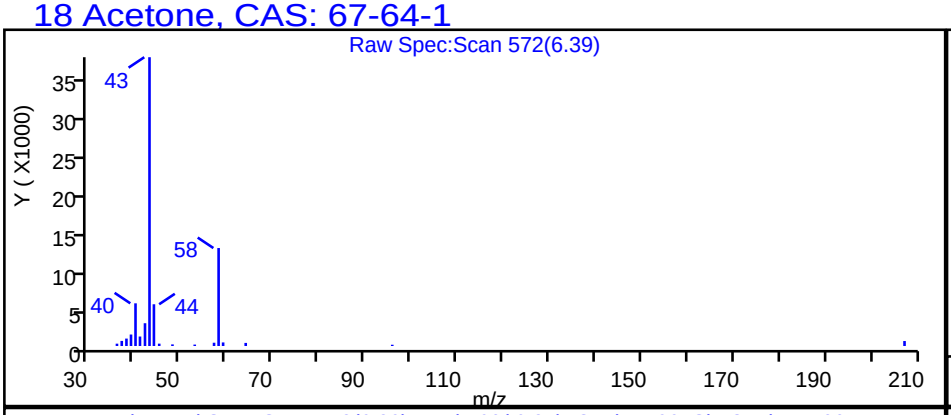


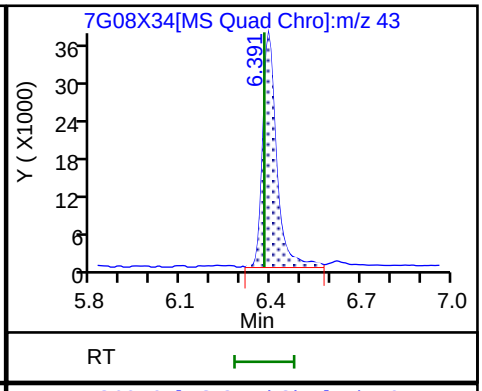
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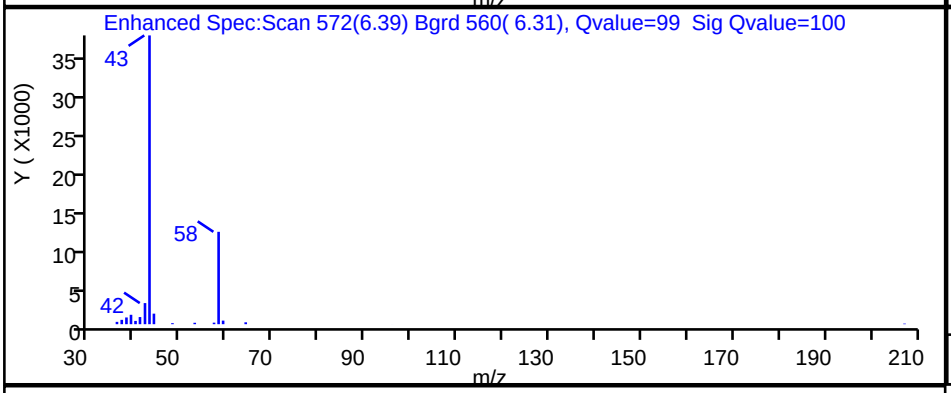
Eurofins Lancaster Laboratories Environment Testing, LLC

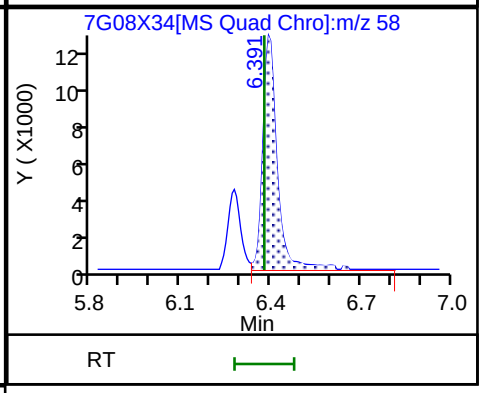
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Injection Date:	09-Aug-2025 02:15:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-12	Lab Sample ID:	410-236802-12		
Client ID:	2123				
Operator ID:	sn105465	ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

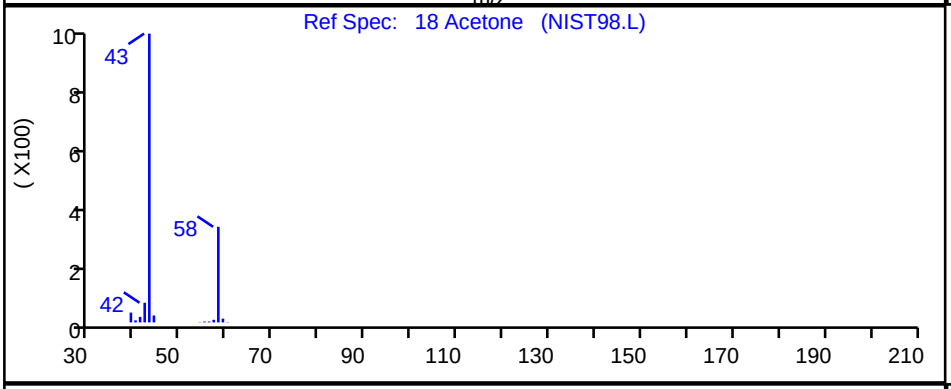
18 Acetone, CAS: 67-64-1

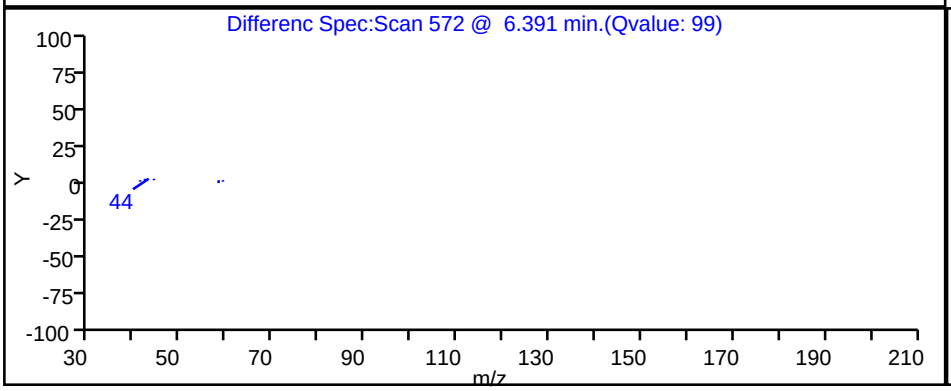


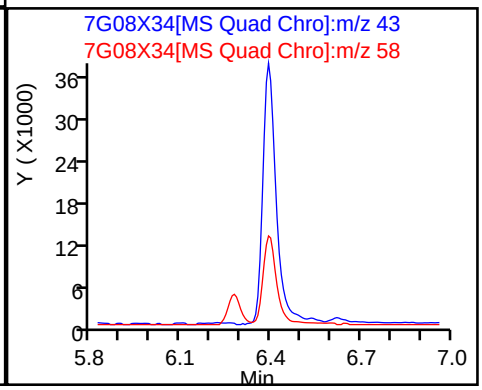












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

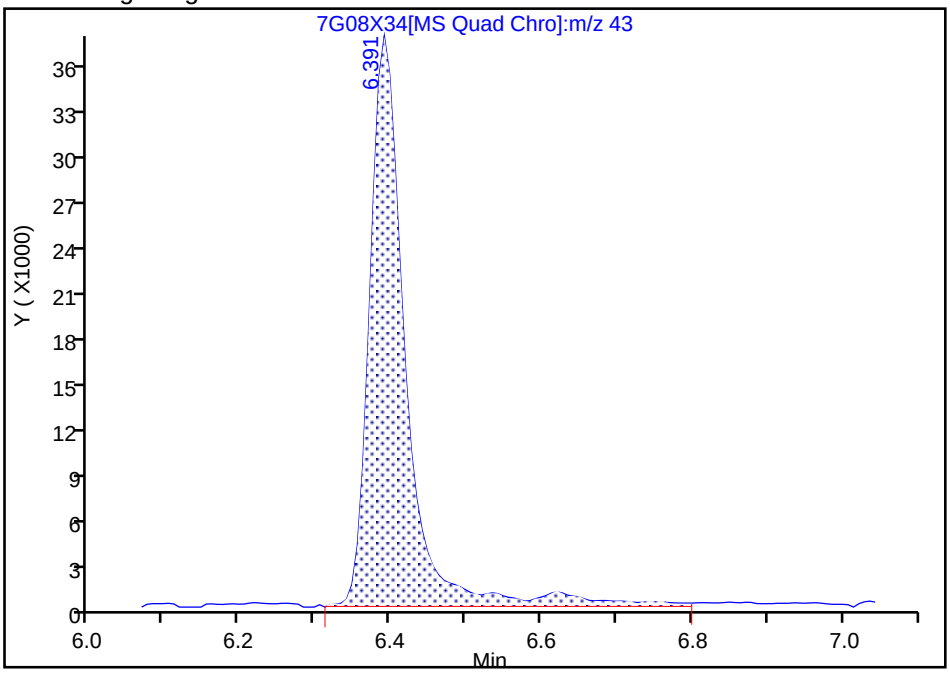
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Injection Date:	09-Aug-2025 02:15:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-12	Lab Sample ID:	410-236802-12		
Client ID:	2123				
Operator ID:	sn105465	ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

Signal: 1

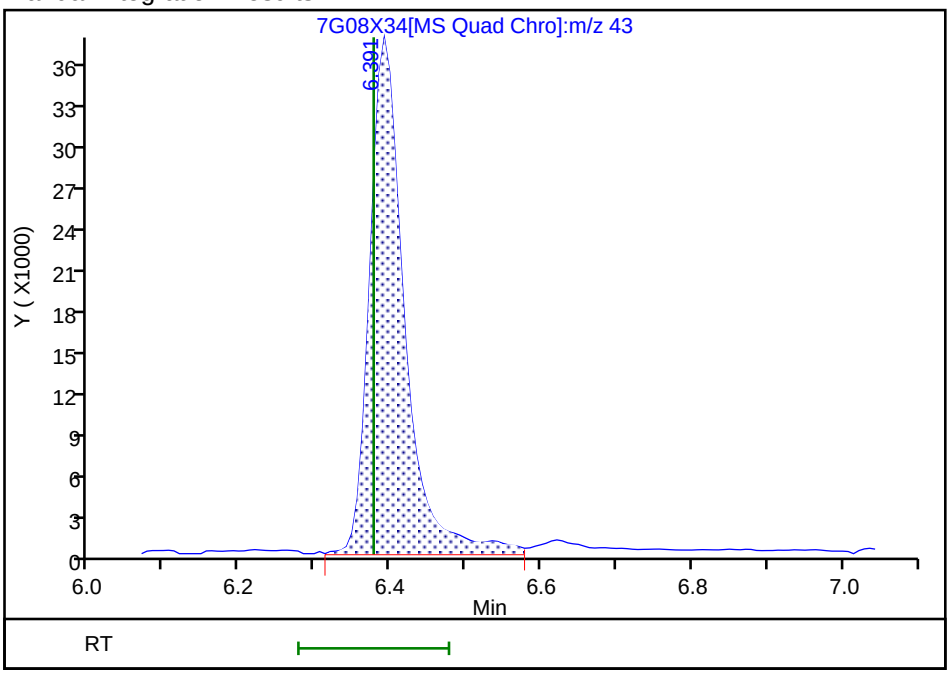
Processing Integration Results

RT: 6.39
Area: 126612
Amount: 2.213307
Amount Units: ppb v/v



Manual Integration Results

RT: 6.39
Area: 120253
Amount: 2.102145
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:43:37 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

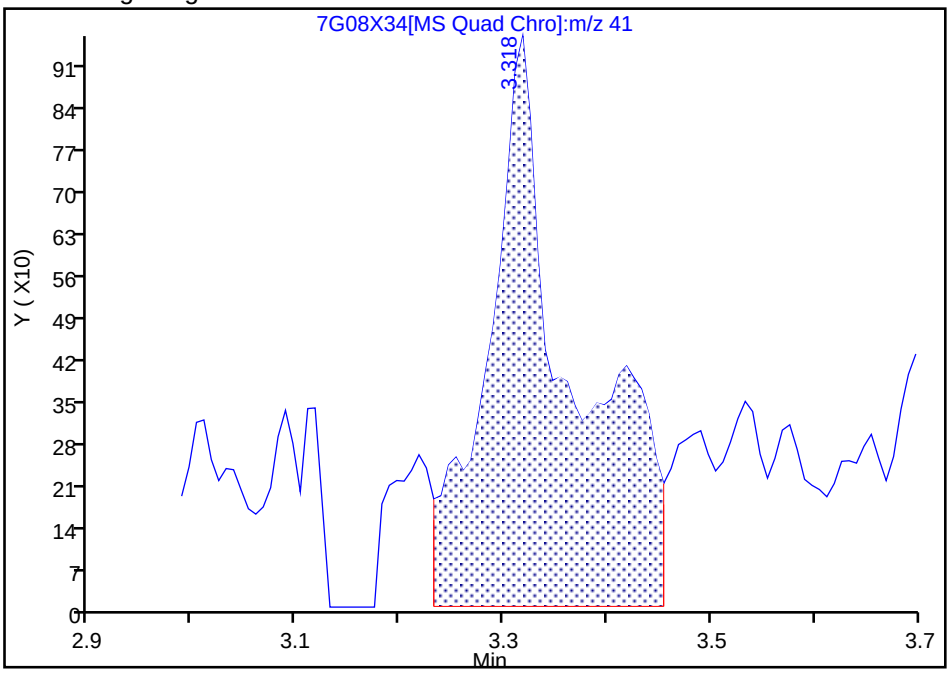
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X34.D				
Injection Date:	09-Aug-2025 02:15:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-12	Lab Sample ID:	410-236802-12		
Client ID:	2123				
Operator ID:	sn105465	ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

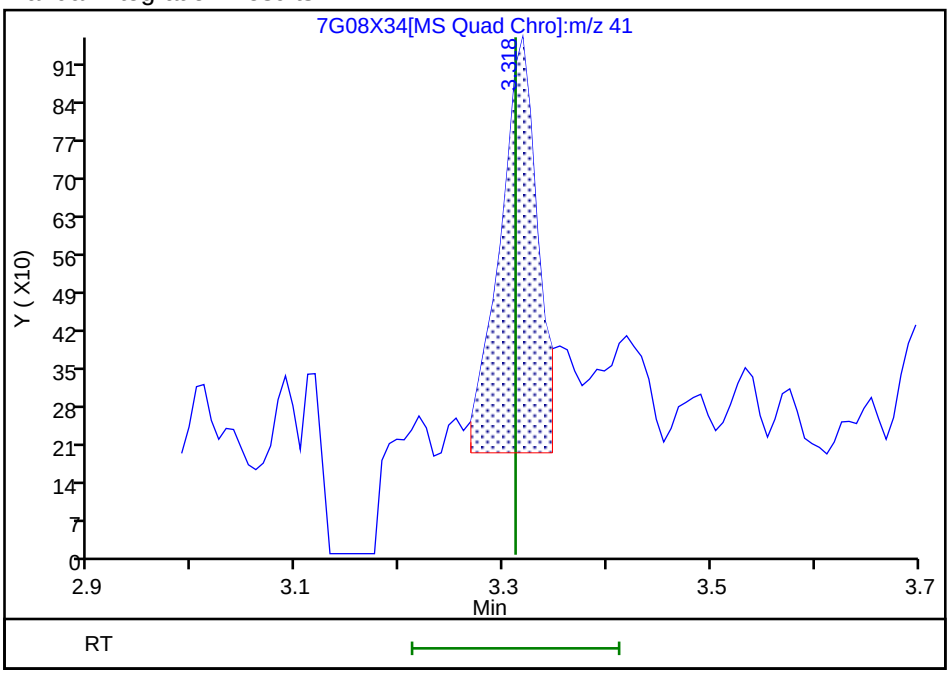
Processing Integration Results

RT: 3.32
Area: 5470
Amount: 0.234807
Amount Units: ppb v/v



Manual Integration Results

RT: 3.32
Area: 1904
Amount: 0.081732
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:44:46 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2134 Lab Sample ID: 410-237203-1

Matrix: Air Lab File ID: 5G10X10.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.26	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.9	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2134 Lab Sample ID: 410-237203-1

Matrix: Air Lab File ID: 5G10X10.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2134 Lab Sample ID: 410-237203-1

Matrix: Air Lab File ID: 5G10X10.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2134 Lab Sample ID: 410-237203-1

Matrix: Air Lab File ID: 5G10X10.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X10.D				
Lims ID:	410-237203-A-1				
Client ID:	2134				
Sample Type:	Client				
Inject. Date:	11-Aug-2025 08:03:26	ALS Bottle#:	8	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN10022				
Misc. Info.:	410-0156110-010				
Operator ID:	al109694	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	14-Aug-2025 14:00:17	Calib Date:	20-Jun-2025 20:16:24		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1642				
First Level Reviewer: D7UM		Date:	11-Aug-2025 10:16:00		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	1.724	1.731	-0.007	74	1987	0.1711	
18 Acetone	43	3.787	3.787	0.000	99	54297	1.86	
36 2-Butanone (MEK)	43	6.065	6.058	0.007	100	10321	0.2644	
* 39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	93	99468	10.0	
* 51 1,4-Difluorobenzene	114	7.275	7.275	0.000	94	430133	10.0	
69 2-Hexanone	43	9.023	9.023	0.000	91	3877	0.0963	
* 72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.072	86	471331	10.0	

QC Flag Legend

Processing Flags

Reagents:

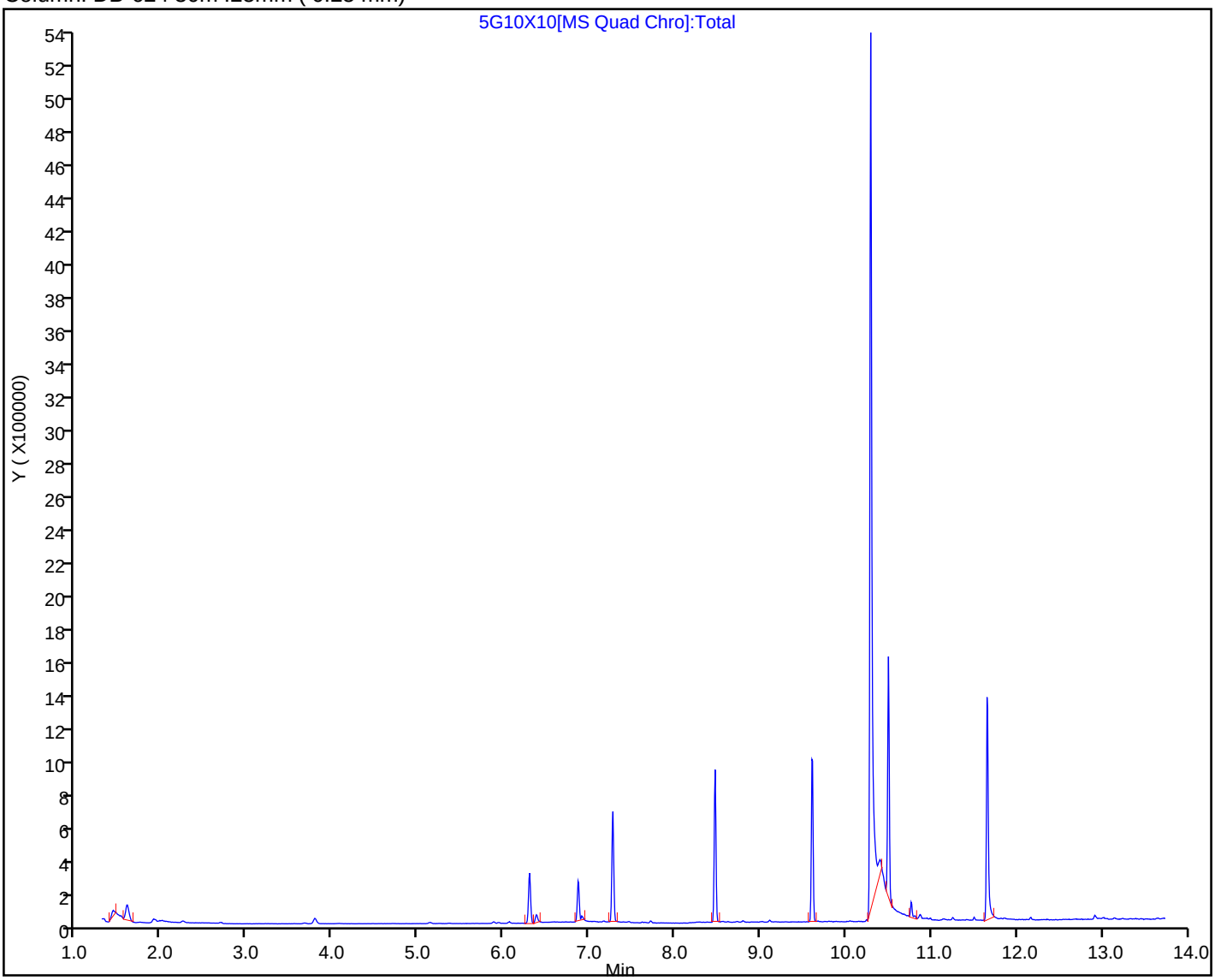
AIRIS200 ppb_00511 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 14-Aug-2025 14:00:23 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X10.D				
Injection Date:	11-Aug-2025 08:03:26	Instrument ID:	HP22820		
Lims ID:	410-237203-A-1	Lab Sample ID:	410-237203-1		
Client ID:	2134				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

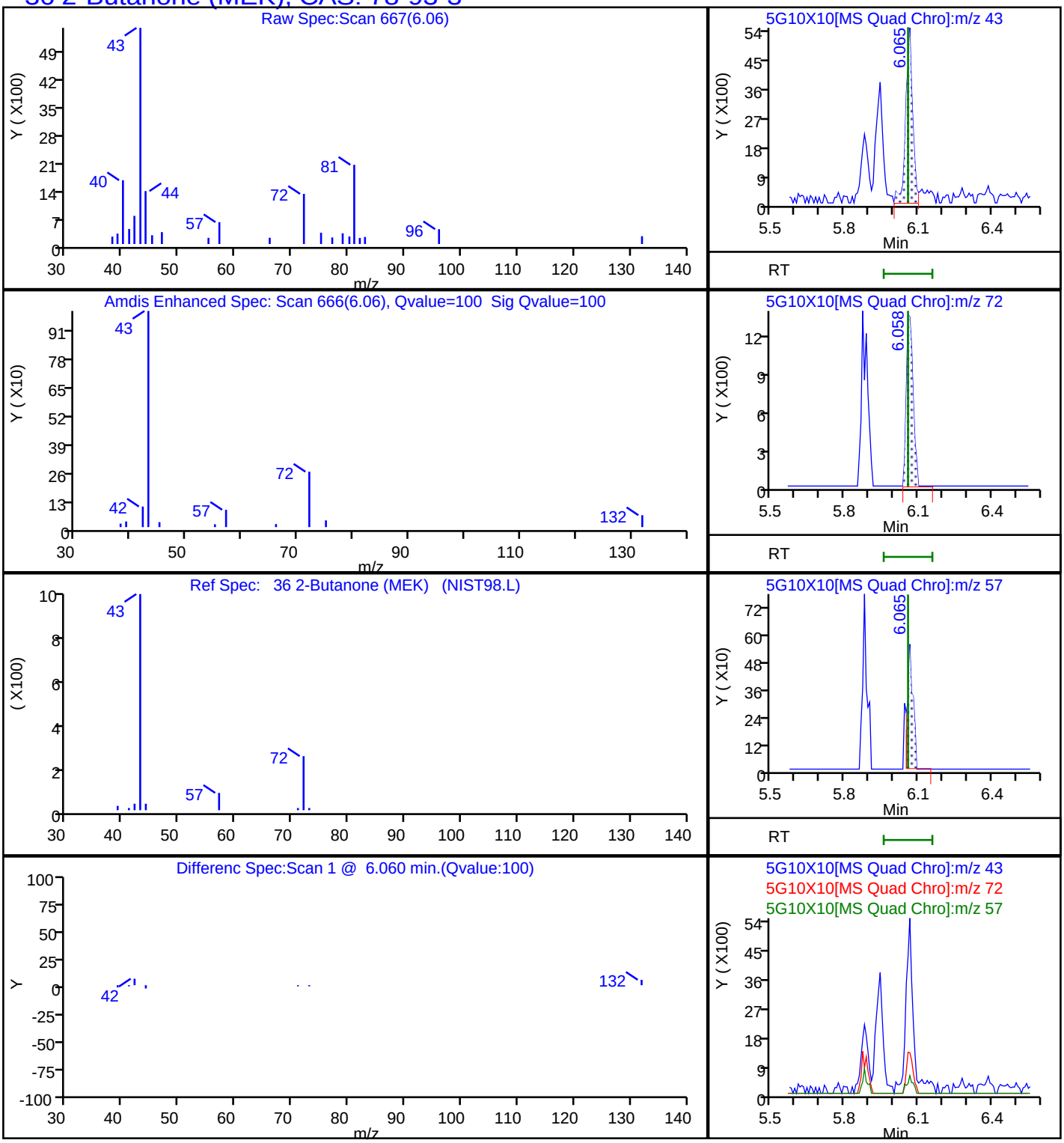


Report Date: 14-Aug-2025 14:00:23 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X10.D				
Injection Date:	11-Aug-2025 08:03:26	Instrument ID:	HP22820		
Lims ID:	410-237203-A-1	Lab Sample ID:	410-237203-1		
Client ID:	2134				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

36 2-Butanone (MEK), CAS: 78-93-3



Report Date: 14-Aug-2025 14:00:23 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X10.D

Injection Date: 11-Aug-2025 08:03:26 Instrument ID: HP22820

Lims ID: 410-237203-A-1 Lab Sample ID: 410-237203-1

Client ID: 2134

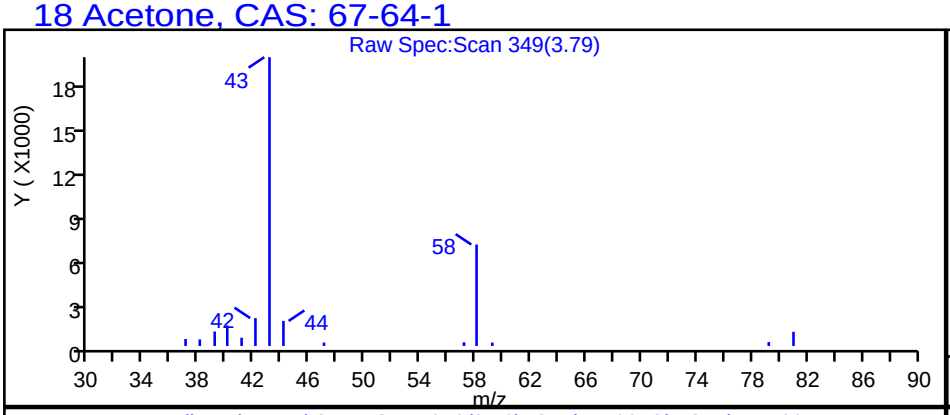
Operator ID: al109694 ALS Bottle#: 8 Worklist Smp#: 10

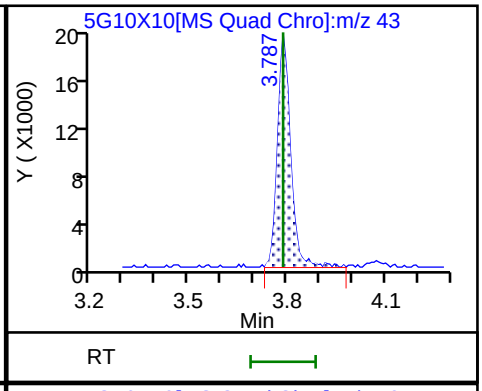
Purge Vol: 200.000 mL Dil. Factor: 1.0000

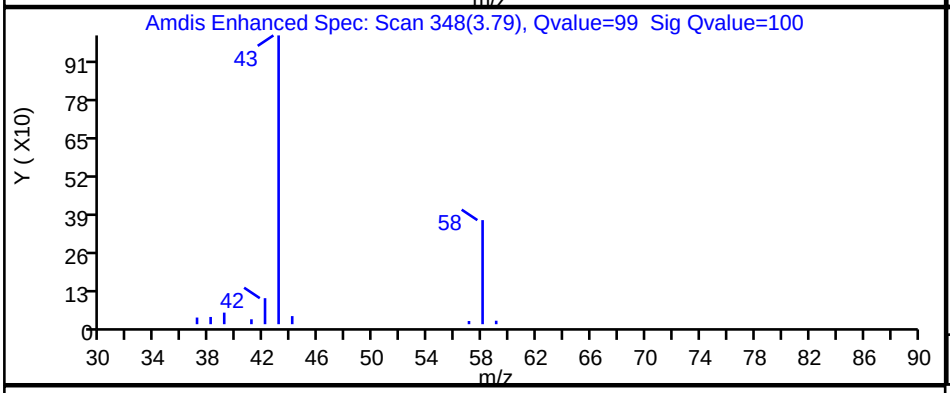
Method: AirMS_TO15_HP22820 Limit Group: MSV - TO15

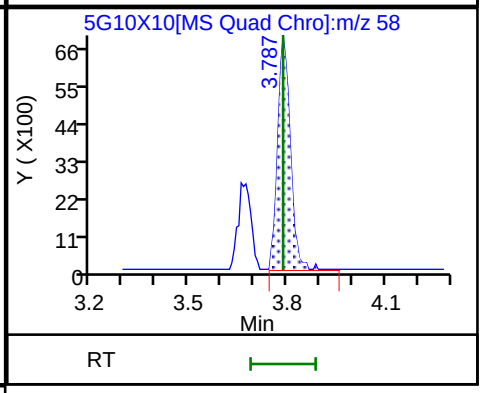
Column: DB-624 30m .25mm (0.25 mm) Detector MS Quad

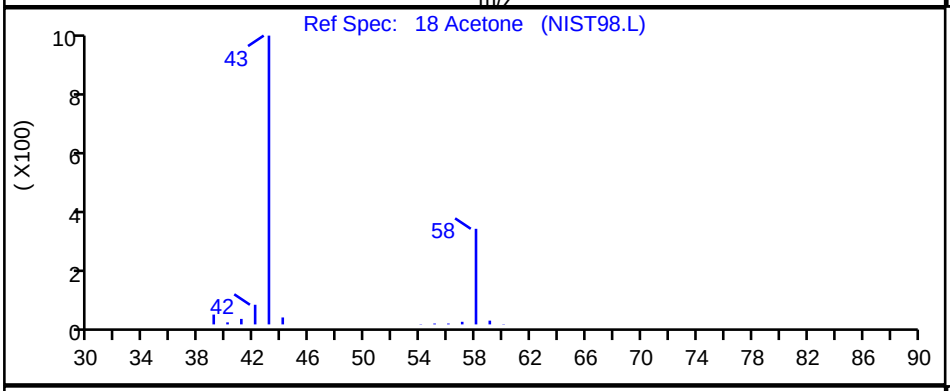
18 Acetone, CAS: 67-64-1

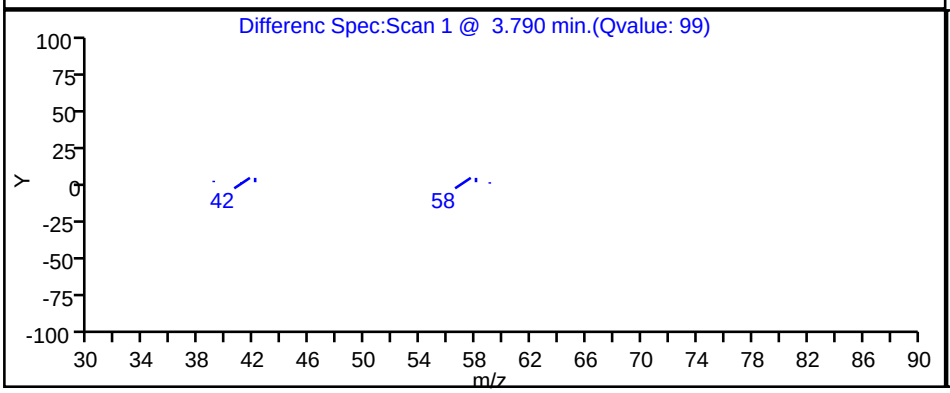


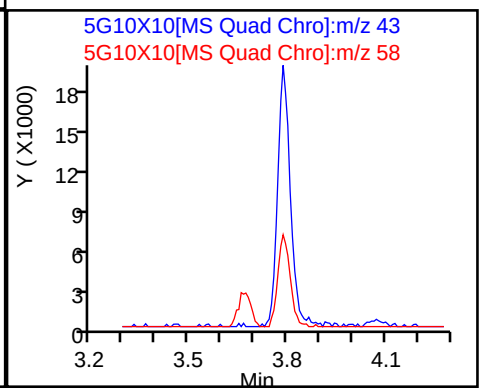












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2040 Lab Sample ID: 410-237203-2

Matrix: Air Lab File ID: 5G10X11.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.26	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.0	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2040 Lab Sample ID: 410-237203-2

Matrix: Air Lab File ID: 5G10X11.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2040 Lab Sample ID: 410-237203-2

Matrix: Air Lab File ID: 5G10X11.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2040 Lab Sample ID: 410-237203-2

Matrix: Air Lab File ID: 5G10X11.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X11.D				
Lims ID:	410-237203-A-2				
Client ID:	2040				
Sample Type:	Client				
Inject. Date:	11-Aug-2025 08:28:21	ALS Bottle#:	9	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN10082				
Misc. Info.:	410-0156110-011				
Operator ID:	al109694	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	14-Aug-2025 14:00:17	Calib Date:	20-Jun-2025 20:16:24		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1642				
First Level Reviewer: D7UM		Date:	14-Aug-2025 12:53:31		

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	1.738	1.731	0.007	86	2140	0.1891	
	18 Acetone	43	3.787	3.787	0.000	100	56720	1.99	
	21 Isopropyl alcohol	45	4.059	4.066	-0.007	97	8696	0.2493	
	36 2-Butanone (MEK)	43	6.065	6.058	0.007	99	9980	0.2622	
*	39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	94	96958	10.0	
*	51 1,4-Difluorobenzene	114	7.275	7.275	0.000	94	422468	10.0	
	69 2-Hexanone	43	9.016	9.023	-0.007	46	2432	0.0601	7M
*	72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.071	86	473683	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

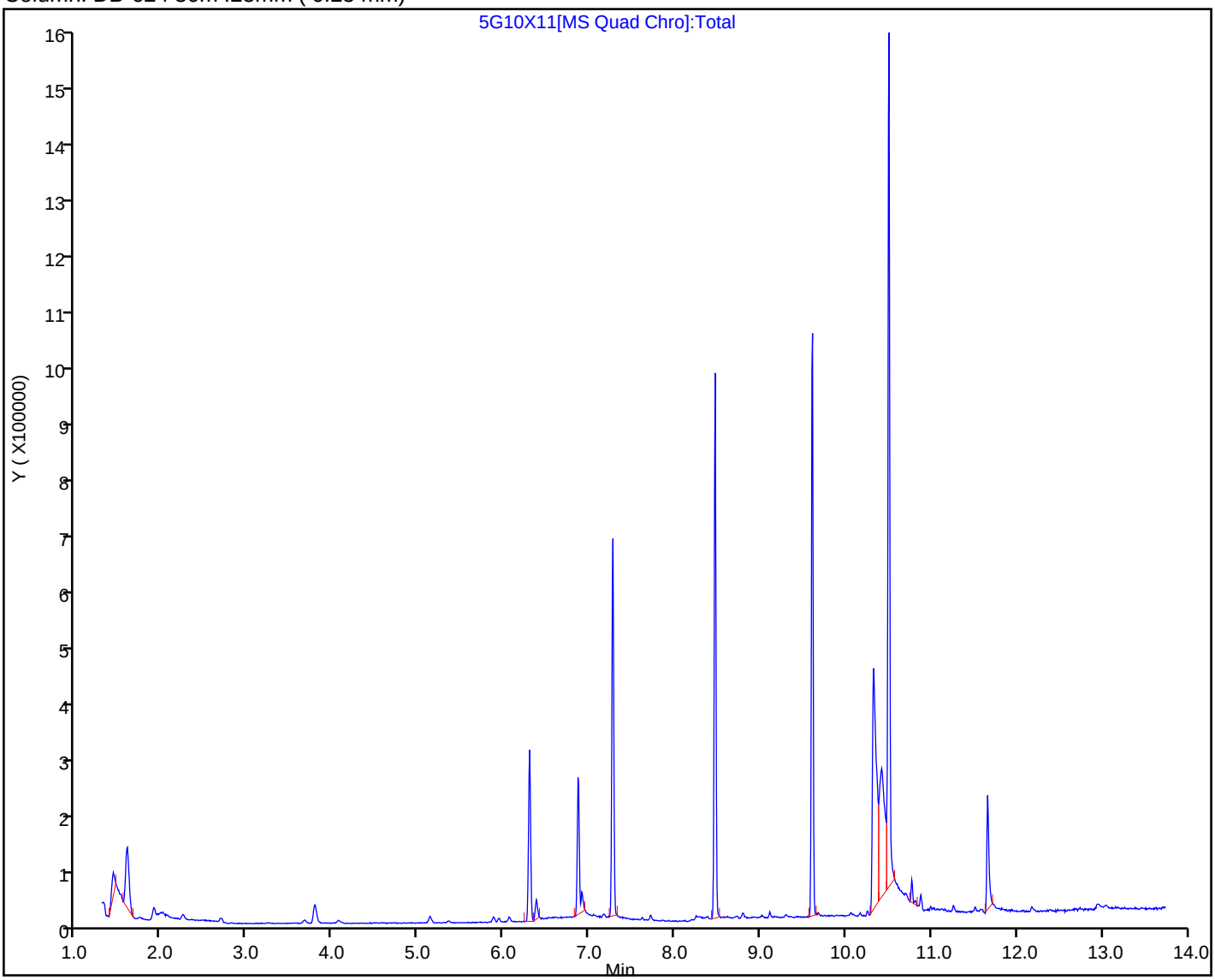
AIRIS200 ppb_00511 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 14-Aug-2025 14:00:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X11.D				
Injection Date:	11-Aug-2025 08:28:21	Instrument ID:	HP22820		
Lims ID:	410-237203-A-2	Lab Sample ID:	410-237203-2		
Client ID:	2040				
Operator ID:	al109694	ALS Bottle#:	9	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

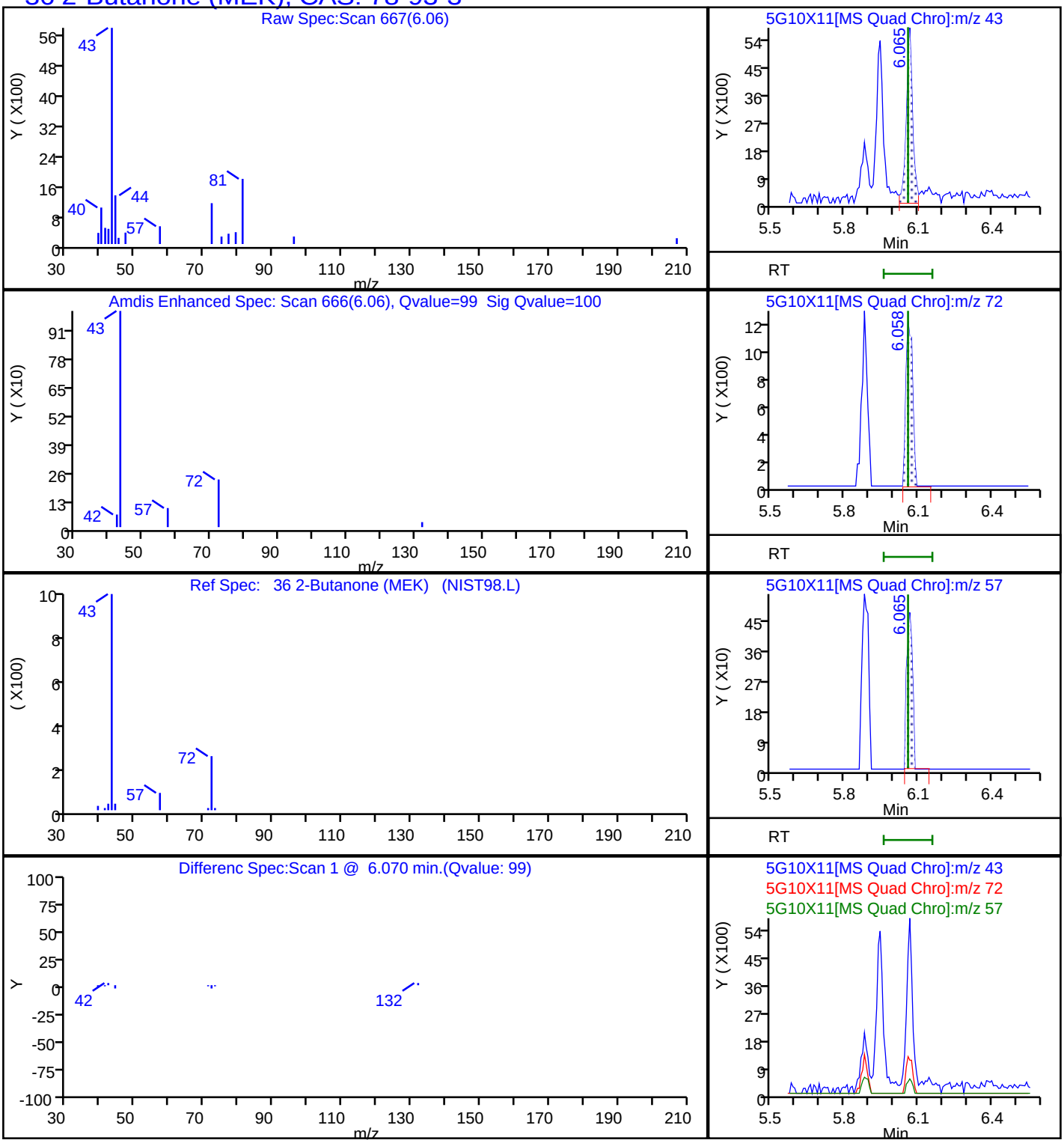


Report Date: 14-Aug-2025 14:00:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X11.D				
Injection Date:	11-Aug-2025 08:28:21	Instrument ID:	HP22820		
Lims ID:	410-237203-A-2	Lab Sample ID:	410-237203-2		
Client ID:	2040				
Operator ID:	al109694	ALS Bottle#:	9	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

36 2-Butanone (MEK), CAS: 78-93-3

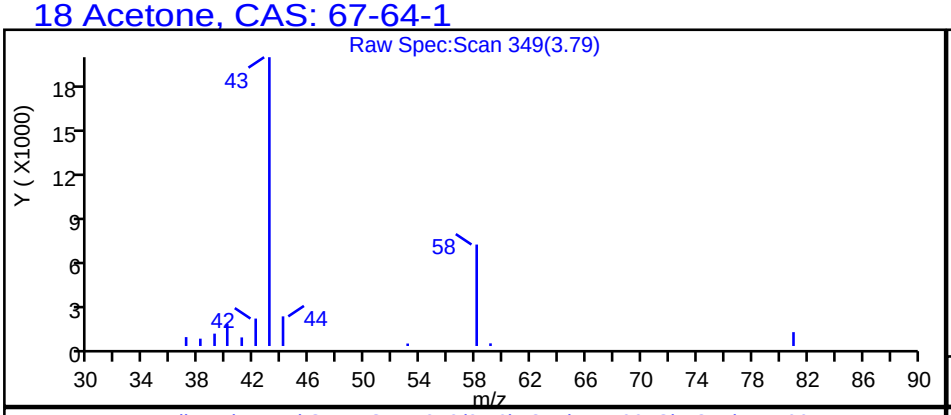


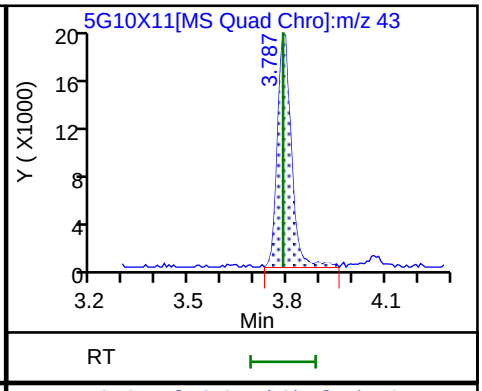
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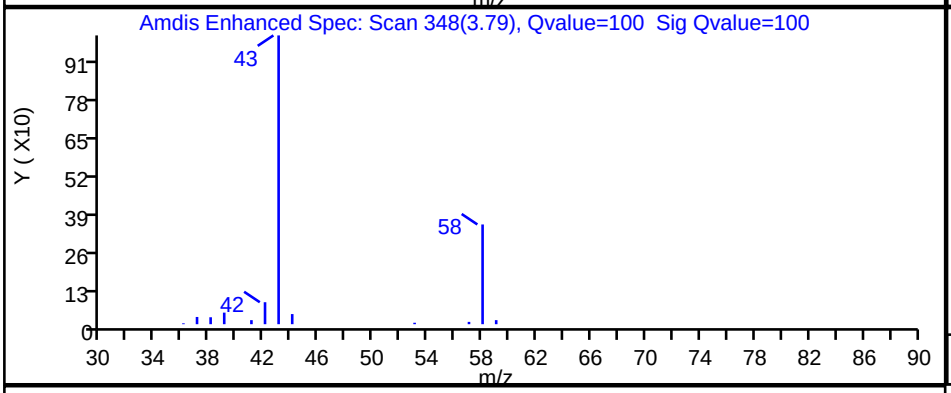
Eurofins Lancaster Laboratories Environment Testing, LLC

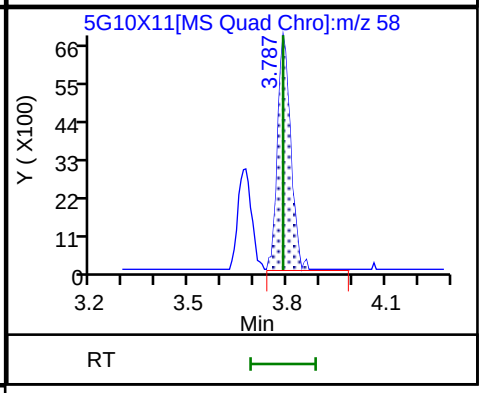
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Injection Date:	11-Aug-2025 08:28:21	Instrument ID:	HP22820		
Lims ID:	410-237203-A-2	Lab Sample ID:	410-237203-2		
Client ID:	2040				
Operator ID:	al109694	ALS Bottle#:	9	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

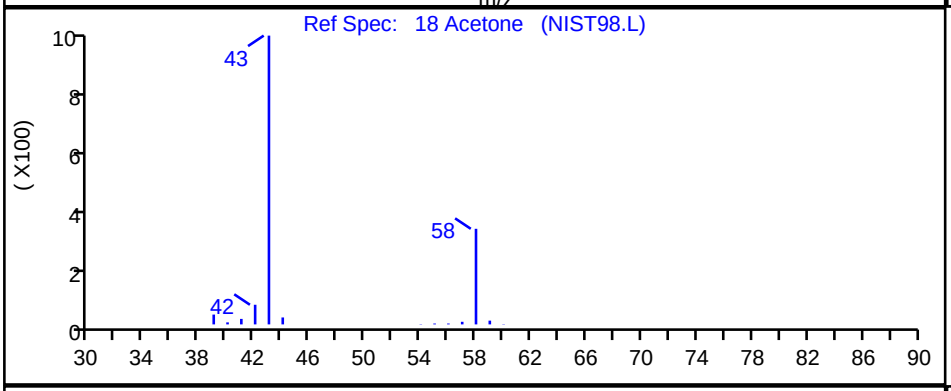
18 Acetone, CAS: 67-64-1

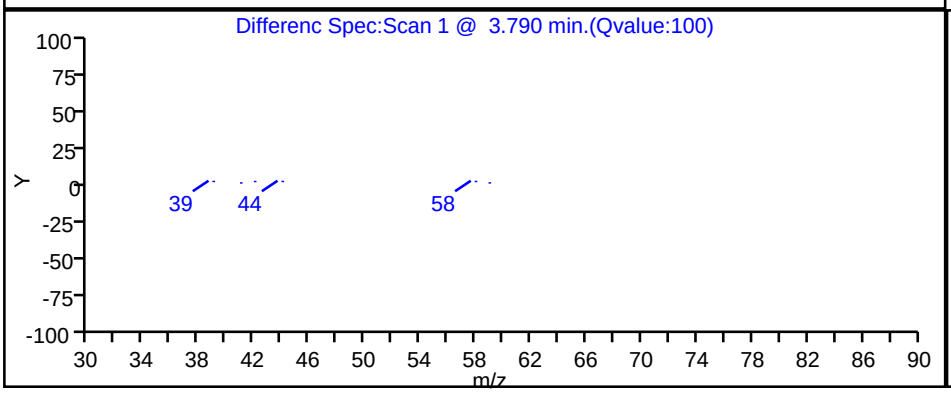


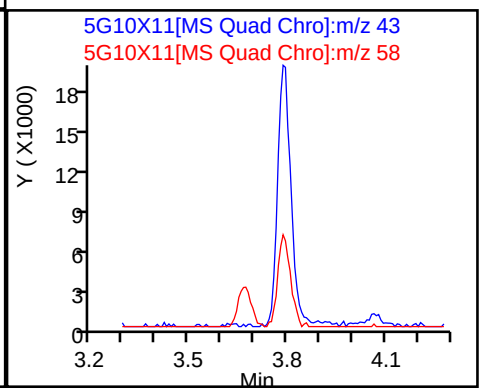












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

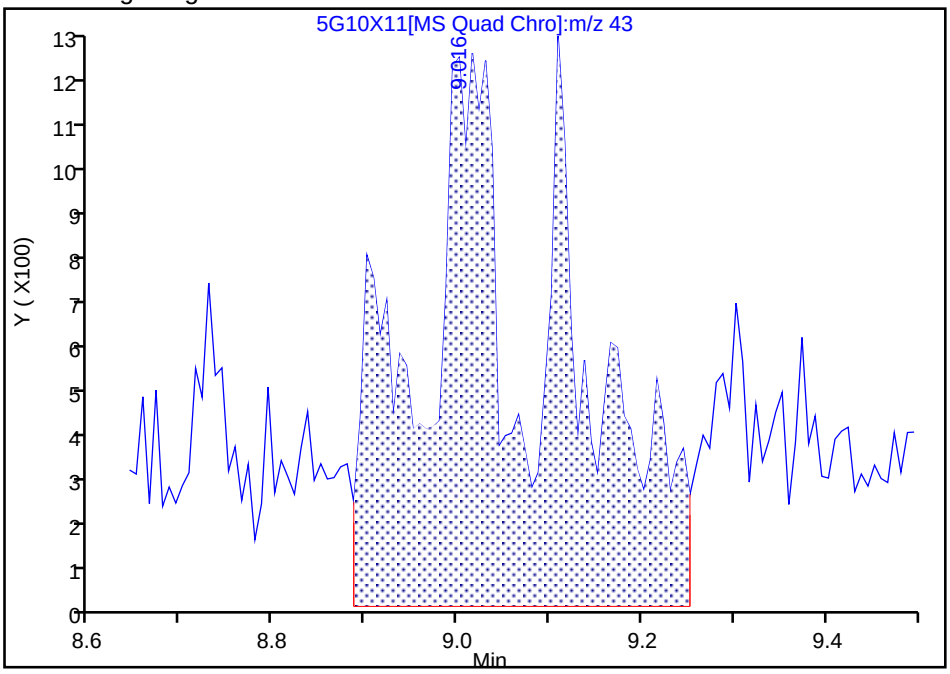
Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X11.D				
Injection Date:	11-Aug-2025 08:28:21	Instrument ID:	HP22820		
Lims ID:	410-237203-A-2	Lab Sample ID:	410-237203-2		
Client ID:	2040				
Operator ID:	al109694	ALS Bottle#:	9	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Signal: 1

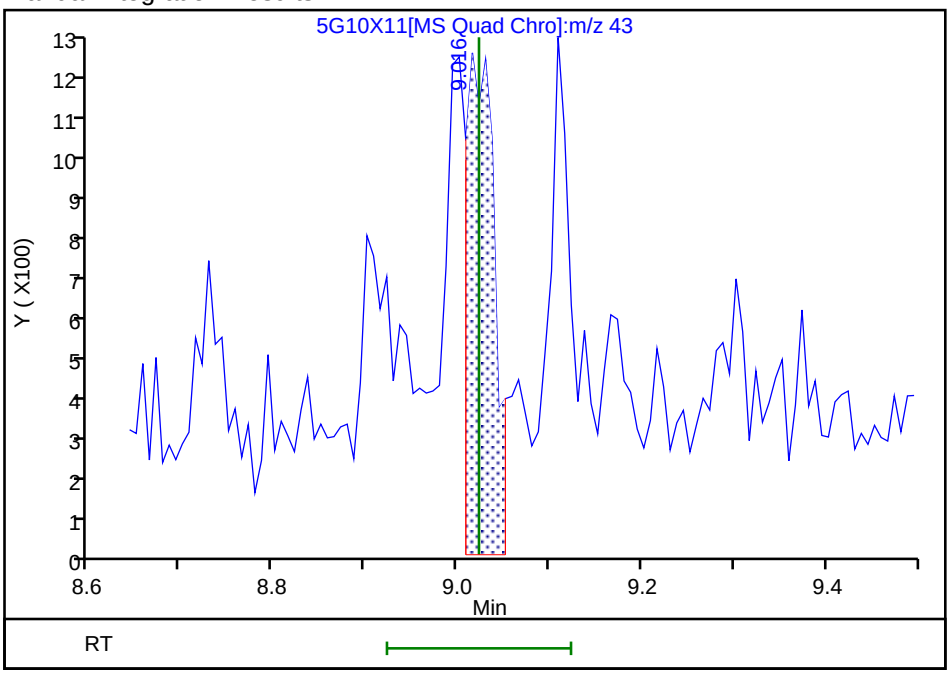
Processing Integration Results

RT: 9.02
Area: 12569
Amount: 0.310672
Amount Units: ppb v/v



Manual Integration Results

RT: 9.02
Area: 2432
Amount: 0.060113
Amount Units: ppb v/v



Reviewer: D7UM, 14-Aug-2025 12:52:53 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

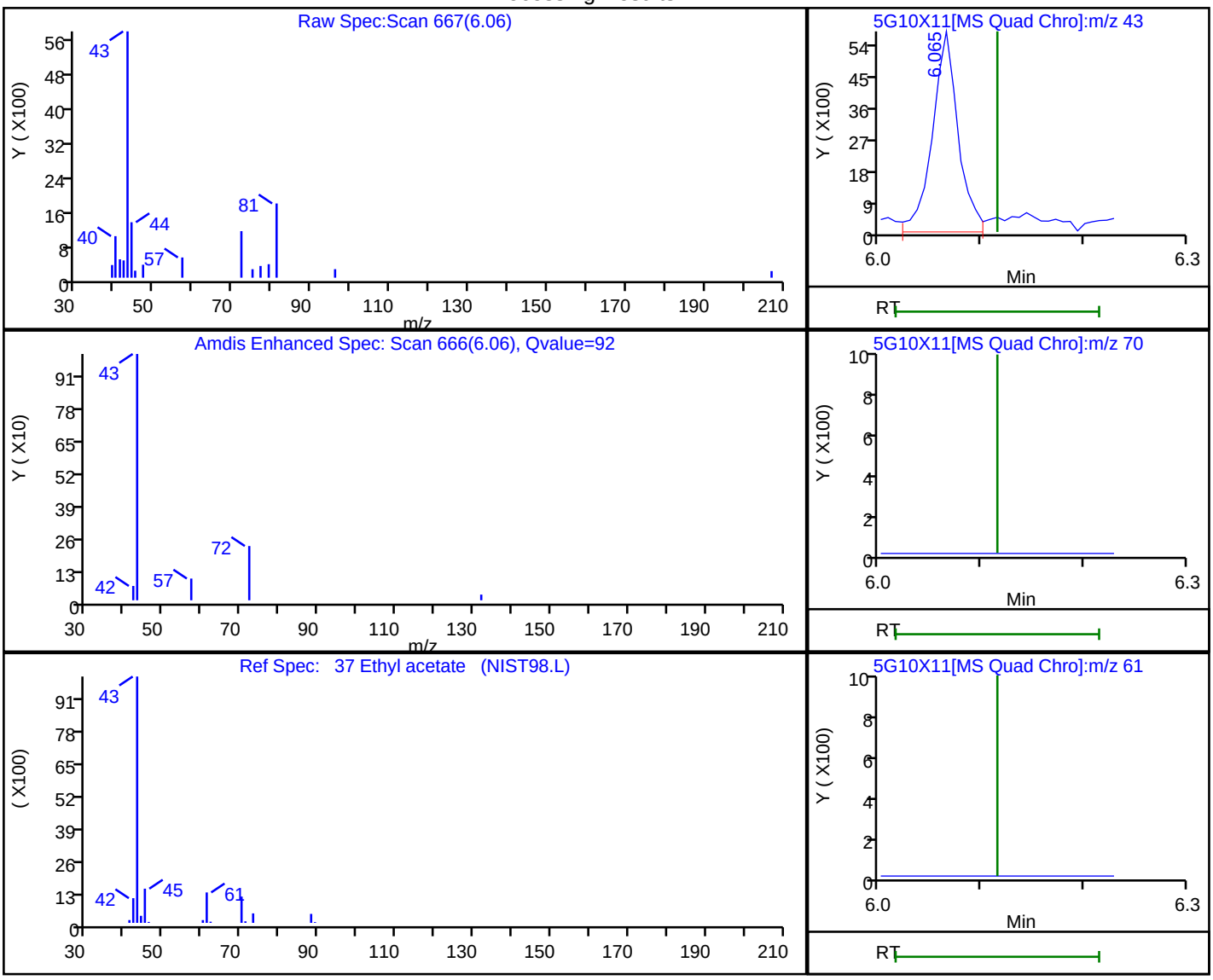
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X11.D				
Injection Date:	11-Aug-2025 08:28:21	Instrument ID:	HP22820		
Lims ID:	410-237203-A-2	Lab Sample ID:	410-237203-2		
Client ID:	2040				
Operator ID:	al109694	ALS Bottle#:	9	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

37 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
6.06	43.00	9980	0.213820
6.11	70.00	0	
6.11	61.00	0	

Reviewer: D7UM, 14-Aug-2025 12:53:11 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2037 Lab Sample ID: 410-237203-3

Matrix: Air Lab File ID: 5G10X14.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 09:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.32	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.7	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2037 Lab Sample ID: 410-237203-3

Matrix: Air Lab File ID: 5G10X14.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 09:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2037 Lab Sample ID: 410-237203-3

Matrix: Air Lab File ID: 5G10X14.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 09:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	0.78	J	1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2037 Lab Sample ID: 410-237203-3

Matrix: Air Lab File ID: 5G10X14.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 09:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X14.D				
Lims ID:	410-237203-A-3				
Client ID:	2037				
Sample Type:	Client				
Inject. Date:	11-Aug-2025 09:42:57	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN9962				
Misc. Info.:	410-0156110-014				
Operator ID:	al109694	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	14-Aug-2025 14:00:17	Calib Date:	20-Jun-2025 20:16:24		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1642				
First Level Reviewer: D7UM		Date:	14-Aug-2025 12:54:50		

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	18 Acetone	43	3.794	3.787	0.007	99	75315	2.67	
	21 Isopropyl alcohol	45	4.066	4.066	0.000	96	26958	0.7793	
	36 2-Butanone (MEK)	43	6.065	6.058	0.007	99	11924	0.3159	
*	39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	93	96167	10.0	
*	51 1,4-Difluorobenzene	114	7.275	7.275	0.000	94	416772	10.0	
	69 2-Hexanone	43	9.023	9.023	0.000	1	1153	0.0288	7M
*	72 Chlorobenzene-d5 (IS)	117	9.610	9.539	0.071	86	469442	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

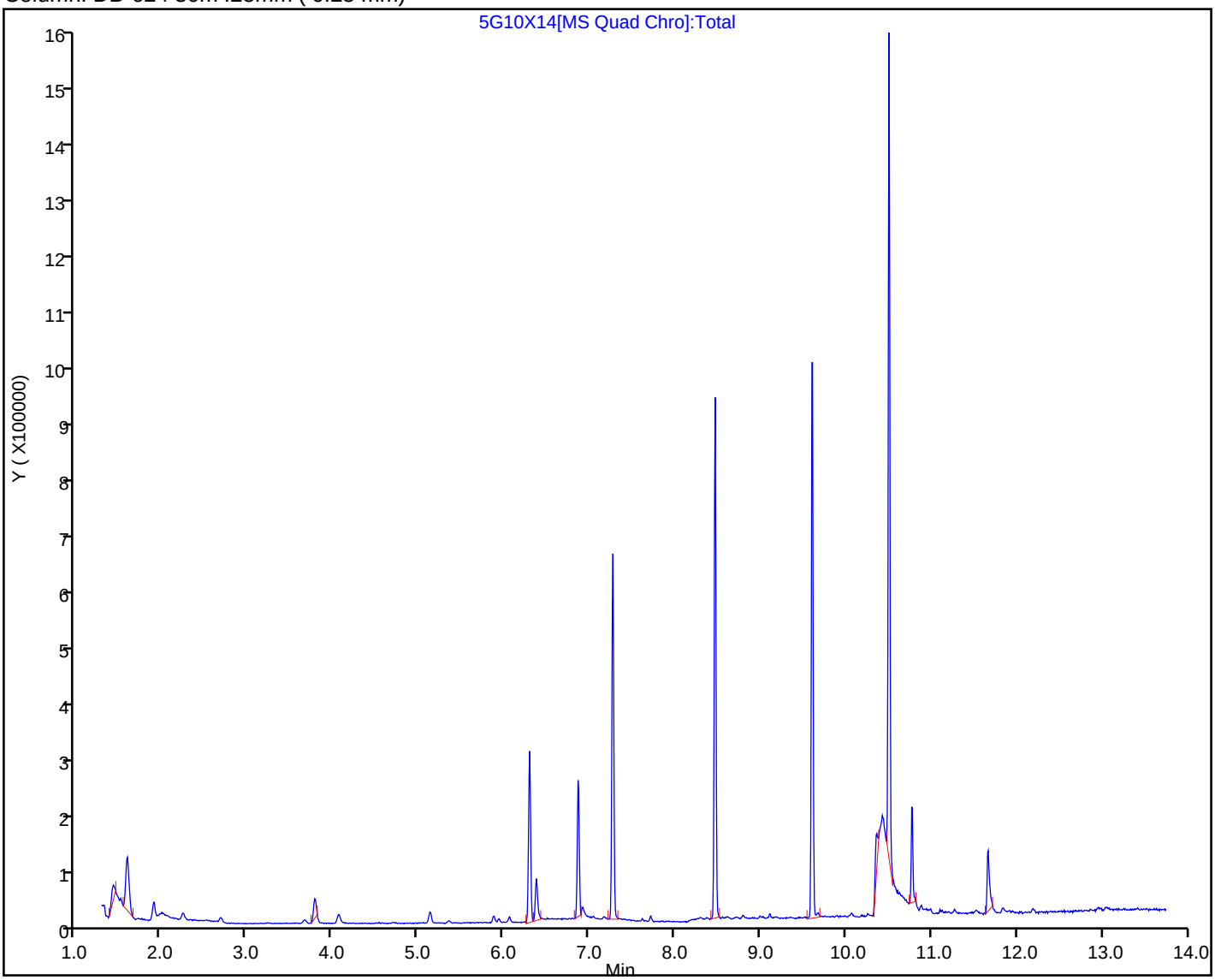
AIRIS200 ppb_00511 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 14-Aug-2025 14:00:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	11-Aug-2025 09:42:57	Instrument ID:	HP22820		
Lims ID:	410-237203-A-3	Lab Sample ID:	410-237203-3		
Client ID:	2037				
Operator ID:	al109694	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

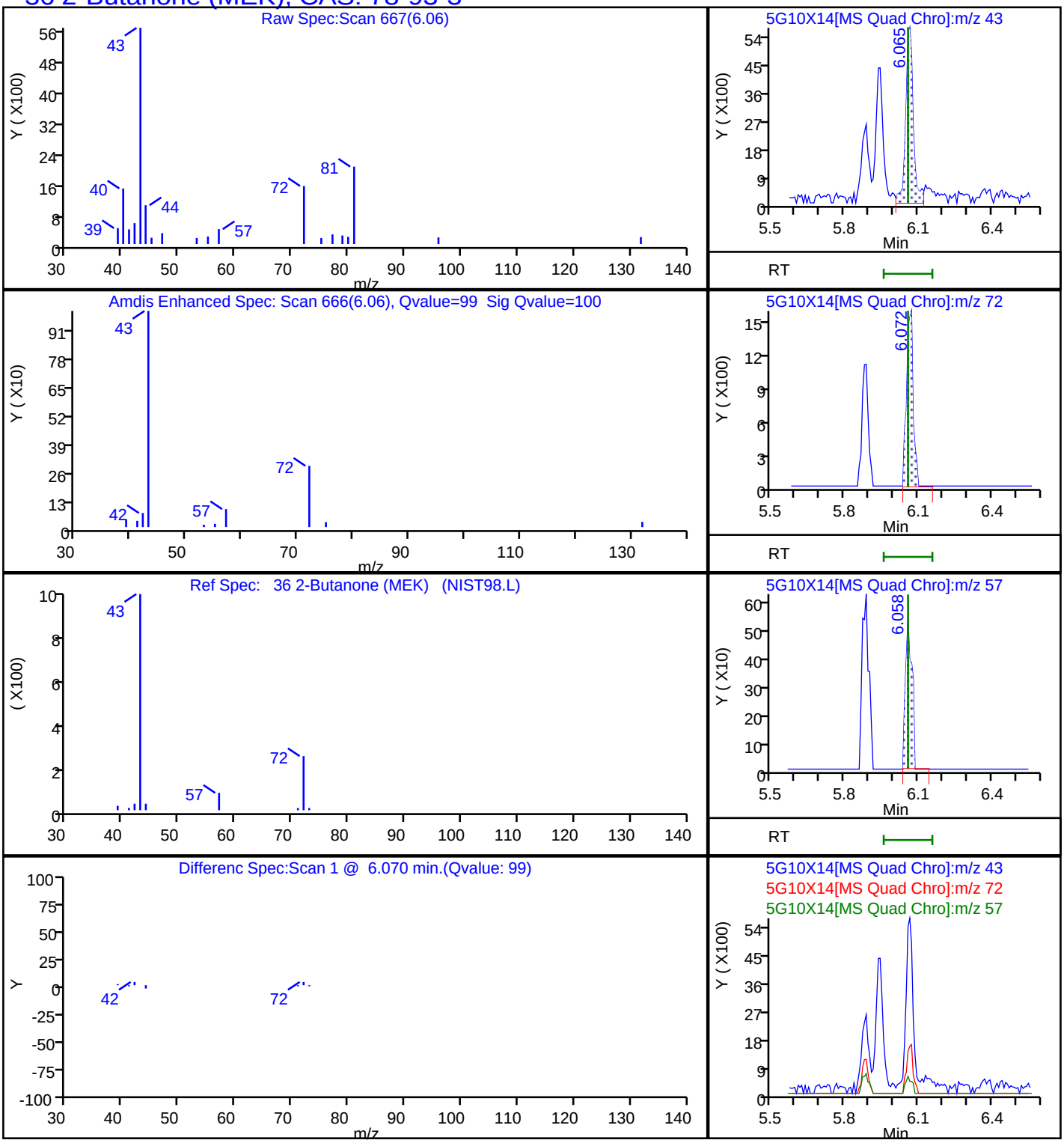


Report Date: 14-Aug-2025 14:00:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X14.D				
Injection Date:	11-Aug-2025 09:42:57	Instrument ID:	HP22820		
Lims ID:	410-237203-A-3	Lab Sample ID:	410-237203-3		
Client ID:	2037				
Operator ID:	al109694	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

36 2-Butanone (MEK), CAS: 78-93-3

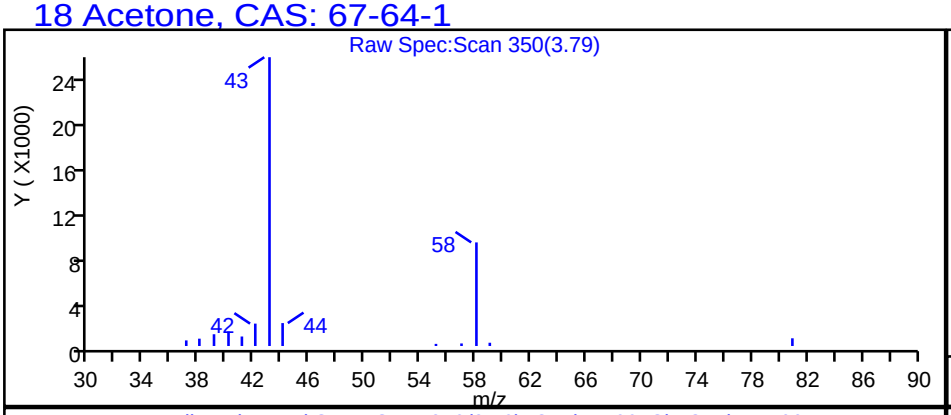


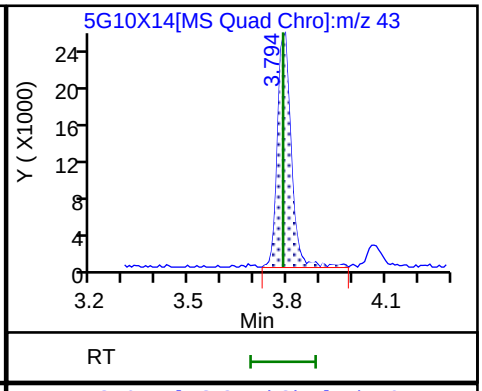
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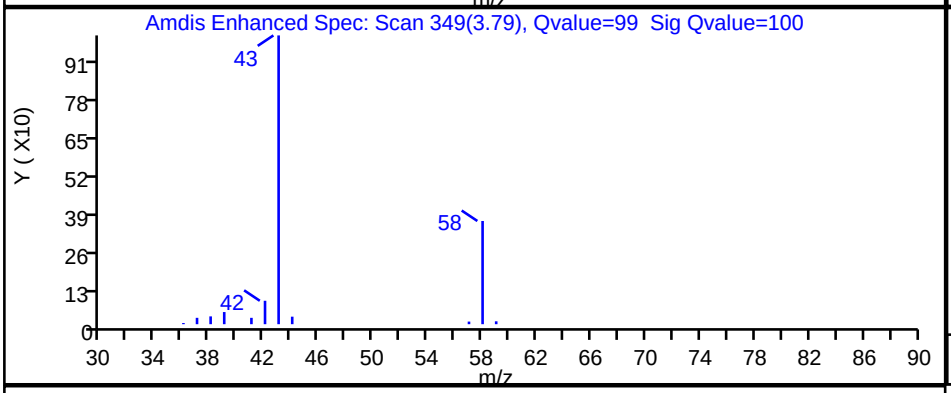
Eurofins Lancaster Laboratories Environment Testing, LLC

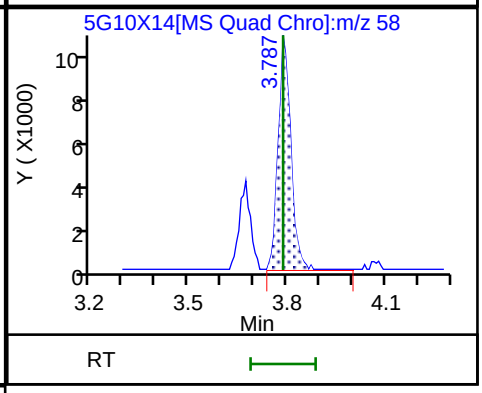
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Injection Date:	11-Aug-2025 09:42:57	Instrument ID:	HP22820		
Lims ID:	410-237203-A-3	Lab Sample ID:	410-237203-3		
Client ID:	2037				
Operator ID:	al109694	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

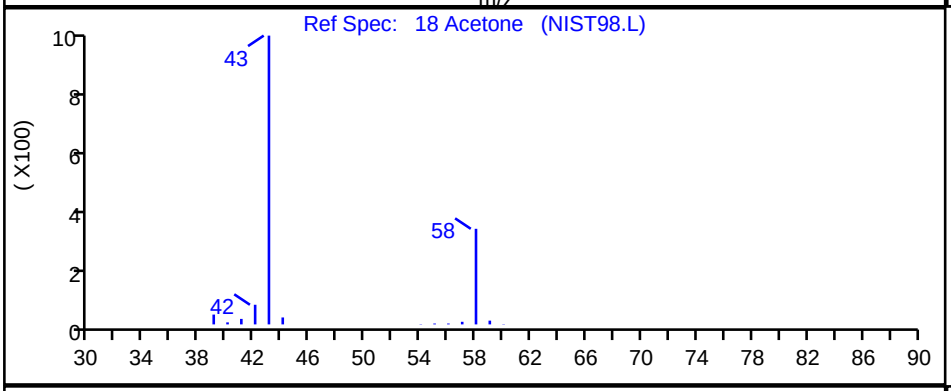
18 Acetone, CAS: 67-64-1

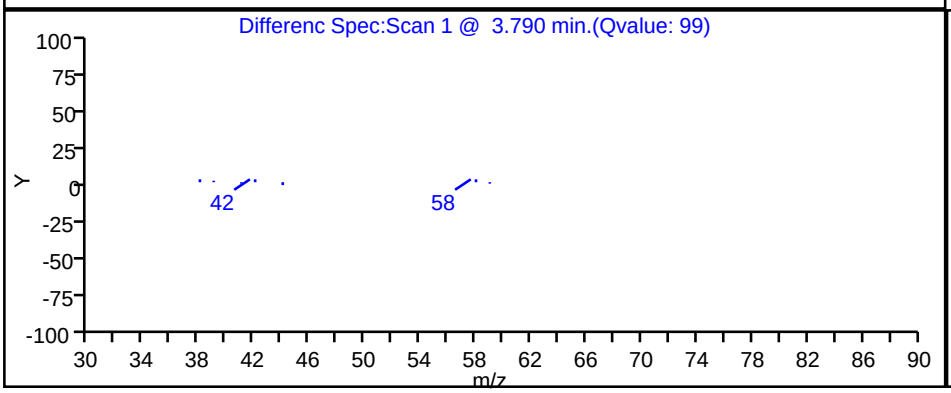


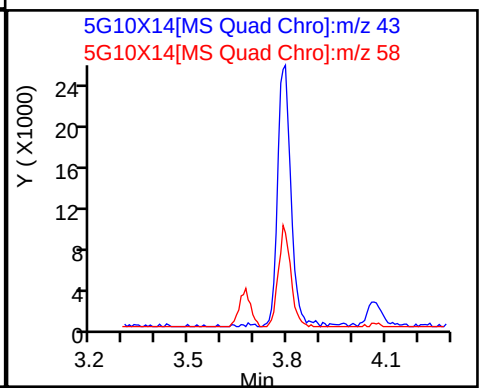










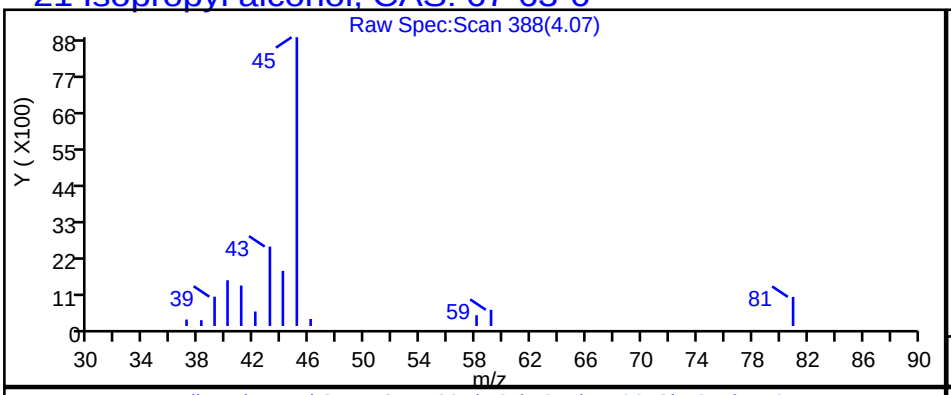


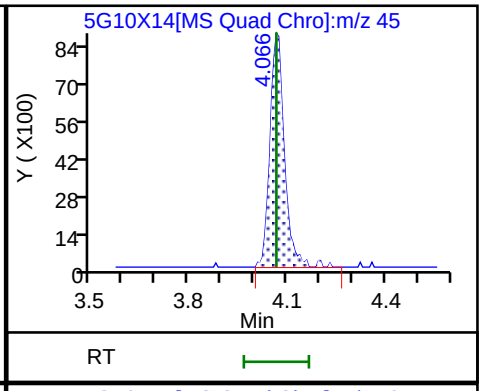
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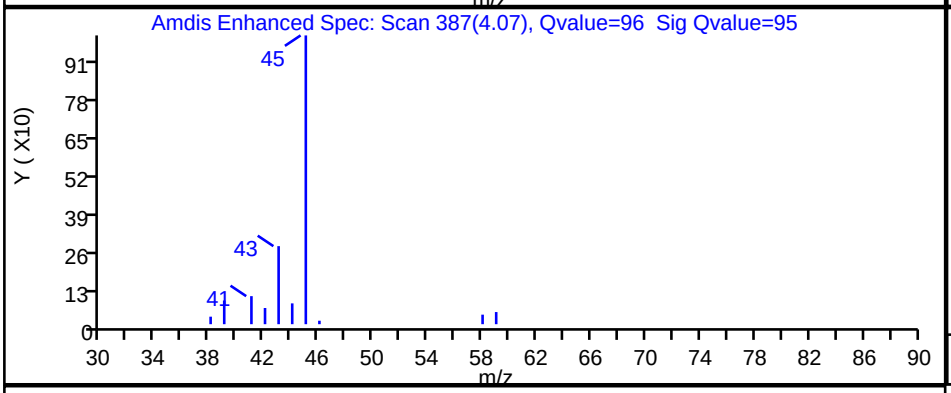
Eurofins Lancaster Laboratories Environment Testing, LLC

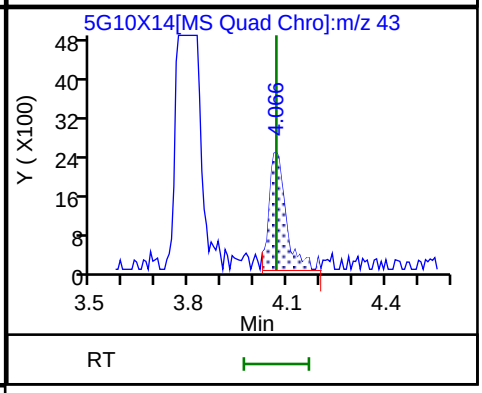
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Injection Date:	11-Aug-2025 09:42:57	Instrument ID:	HP22820		
Lims ID:	410-237203-A-3	Lab Sample ID:	410-237203-3		
Client ID:	2037				
Operator ID:	al109694	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

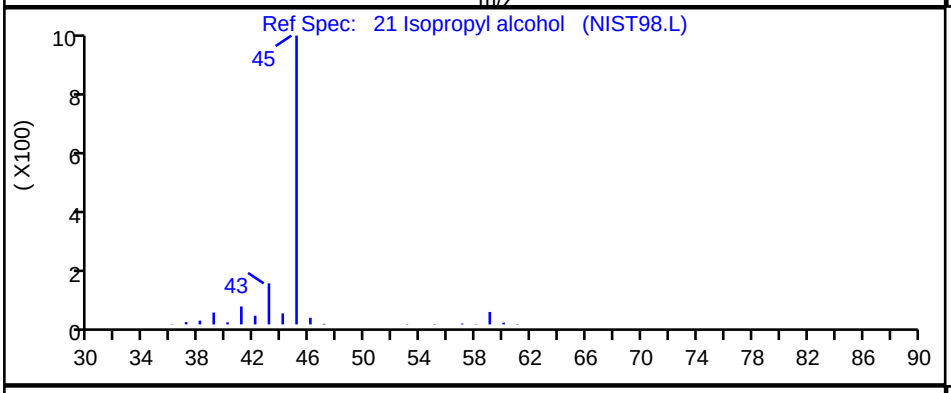
21 Isopropyl alcohol, CAS: 67-63-0

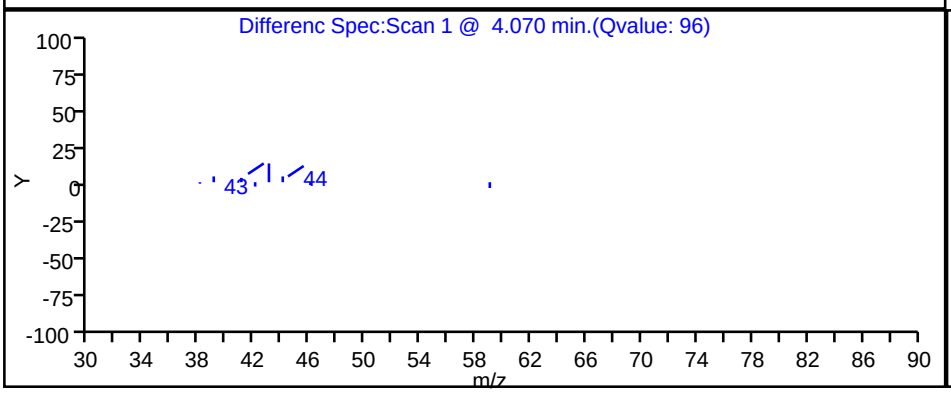


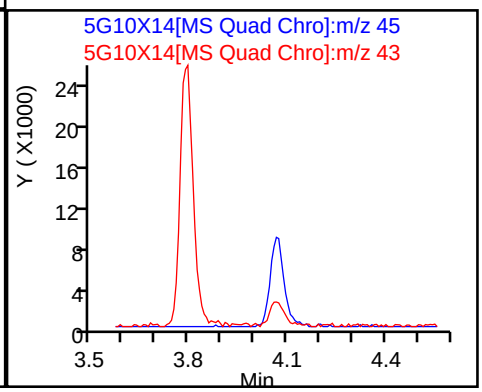












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

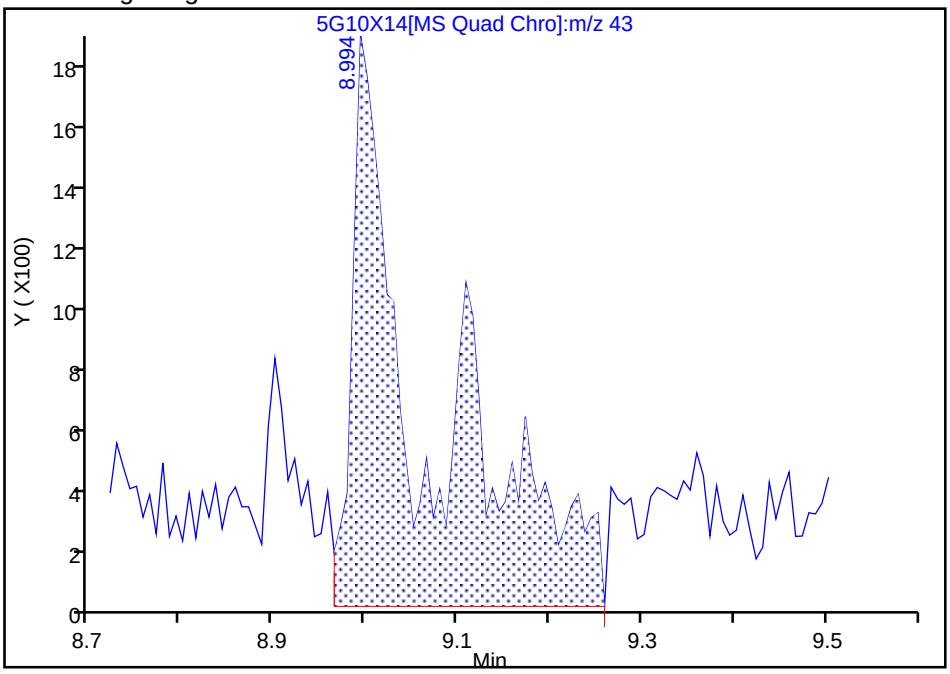
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Injection Date:	11-Aug-2025 09:42:57	Instrument ID:	HP22820		
Lims ID:	410-237203-A-3	Lab Sample ID:	410-237203-3		
Client ID:	2037				
Operator ID:	al109694	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Signal: 1

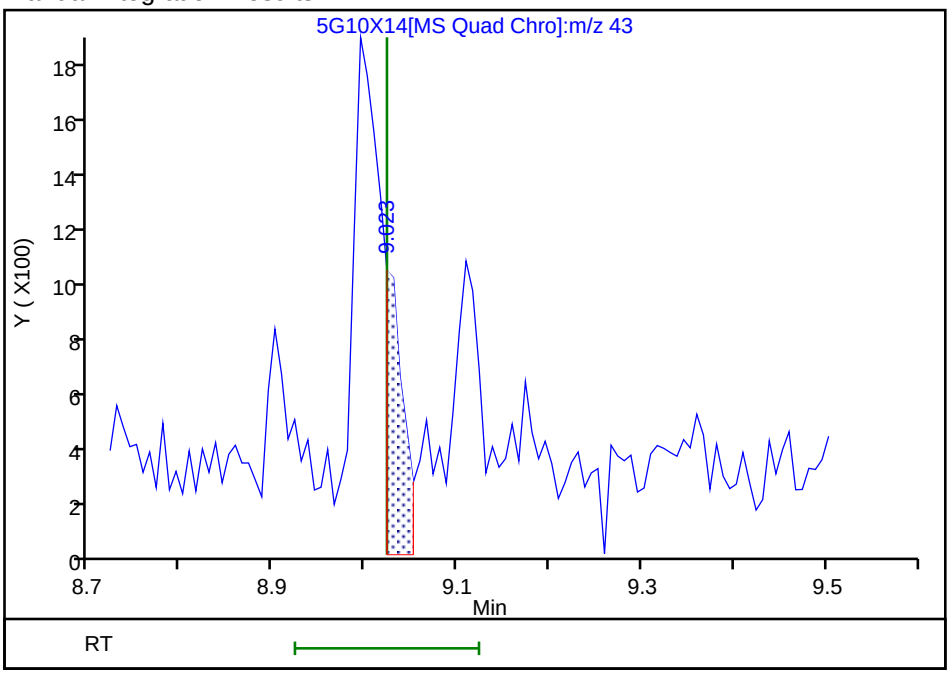
Processing Integration Results

RT: 8.99
Area: 9992
Amount: 0.249207
Amount Units: ppb v/v



Manual Integration Results

RT: 9.02
Area: 1153
Amount: 0.028757
Amount Units: ppb v/v



Reviewer: D7UM, 14-Aug-2025 12:54:32 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2059 Lab Sample ID: 410-237203-6

Matrix: Air Lab File ID: 5G10X15.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.33	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	3.6	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2059 Lab Sample ID: 410-237203-6

Matrix: Air Lab File ID: 5G10X15.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2059 Lab Sample ID: 410-237203-6

Matrix: Air Lab File ID: 5G10X15.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2059 Lab Sample ID: 410-237203-6

Matrix: Air Lab File ID: 5G10X15.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X15.D				
Lims ID:	410-237203-A-6				
Client ID:	2059				
Sample Type:	Client				
Inject. Date:	11-Aug-2025 10:07:51	ALS Bottle#:	13	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN10044				
Misc. Info.:	410-0156110-015				
Operator ID:	al109694	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	14-Aug-2025 14:00:17	Calib Date:	20-Jun-2025 20:16:24		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1642				
First Level Reviewer: D7UM		Date:	14-Aug-2025 12:57:17		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.787	3.787	0.000	100	101232	3.57	
21 Isopropyl alcohol	45	4.066	4.066	0.000	96	10112	0.2909	
36 2-Butanone (MEK)	43	6.065	6.058	0.007	98	12557	0.3311	
* 39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	94	96636	10.0	
* 51 1,4-Difluorobenzene	114	7.276	7.275	0.001	94	412711	10.0	
69 2-Hexanone	43	9.023	9.023	0.000	88	2694	0.0681	7M
* 72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.072	86	463253	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

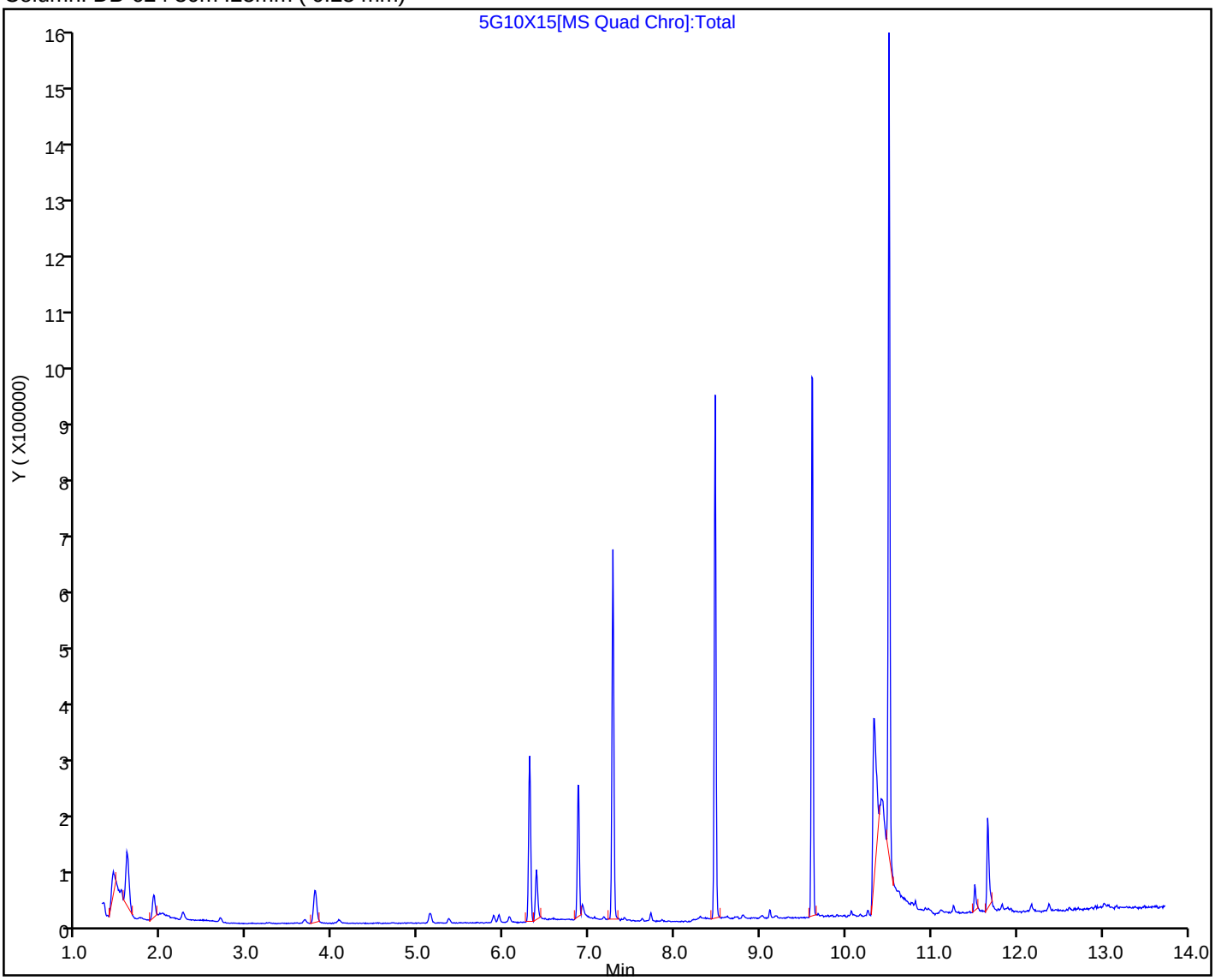
AIRIS200 ppb_00511 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 14-Aug-2025 14:00:29 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X15.D				
Injection Date:	11-Aug-2025 10:07:51	Instrument ID:	HP22820		
Lims ID:	410-237203-A-6	Lab Sample ID:	410-237203-6		
Client ID:	2059				
Operator ID:	al109694	ALS Bottle#:	13	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

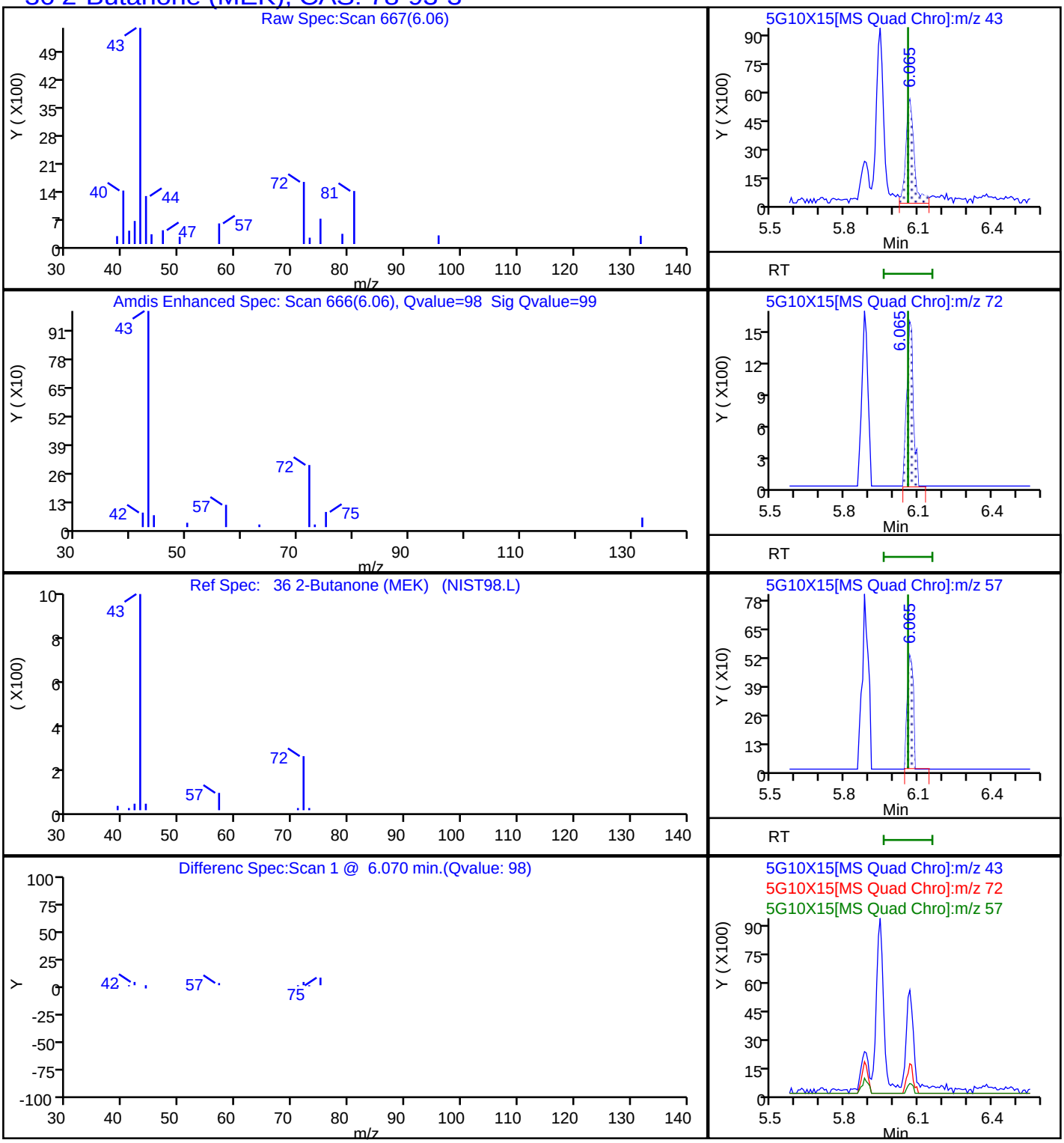


Report Date: 14-Aug-2025 14:00:29 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X15.D				
Injection Date:	11-Aug-2025 10:07:51	Instrument ID:	HP22820		
Lims ID:	410-237203-A-6	Lab Sample ID:	410-237203-6		
Client ID:	2059				
Operator ID:	al109694	ALS Bottle#:	13	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

36 2-Butanone (MEK), CAS: 78-93-3

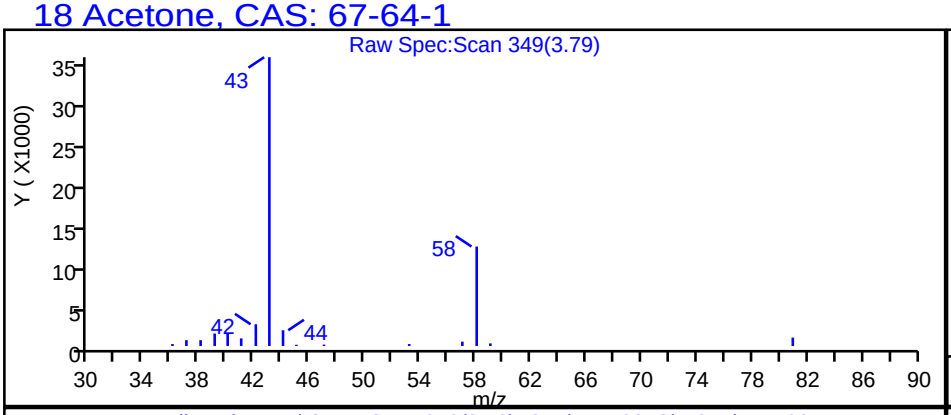


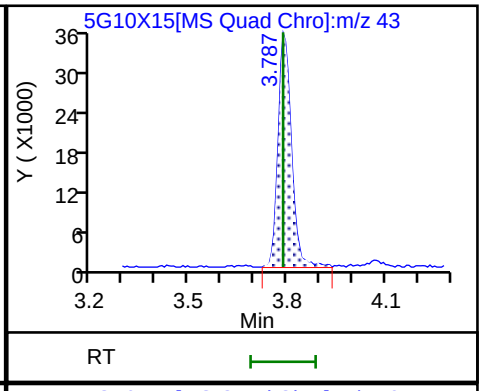
Report Date: 14-Aug-2025 14:00:29 Chrom Revision: 2.3 13-Aug-2025 14:00:00

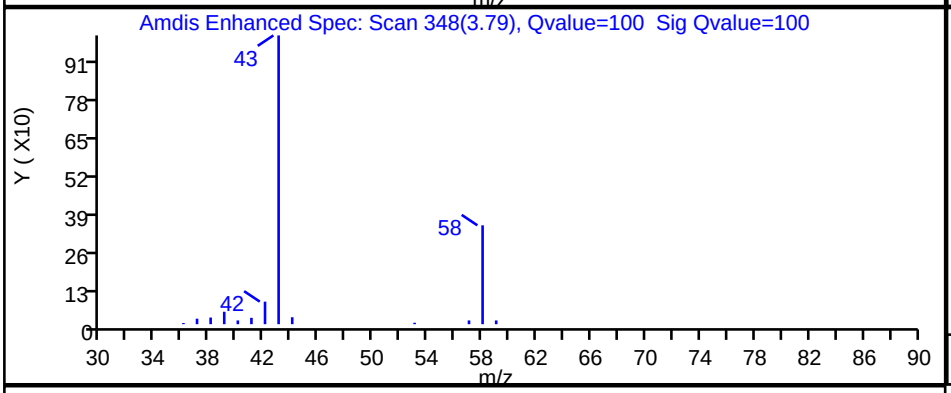
Eurofins Lancaster Laboratories Environment Testing, LLC

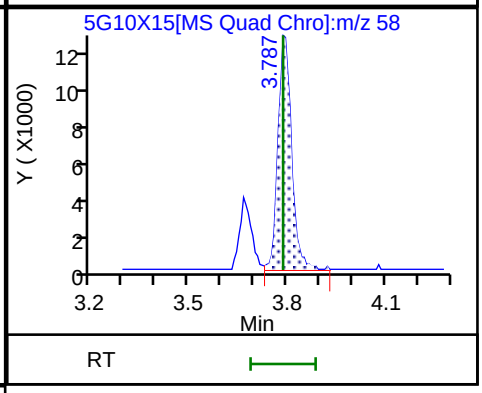
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Injection Date:	11-Aug-2025 10:07:51	Instrument ID:	HP22820		
Lims ID:	410-237203-A-6	Lab Sample ID:	410-237203-6		
Client ID:	2059				
Operator ID:	al109694	ALS Bottle#:	13	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

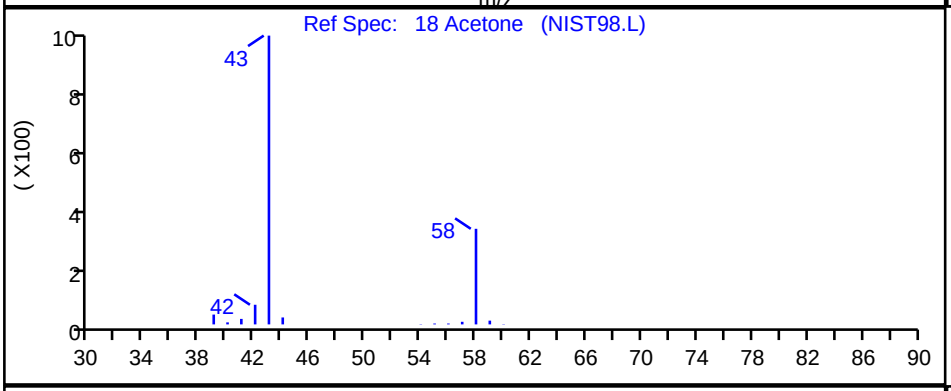
18 Acetone, CAS: 67-64-1

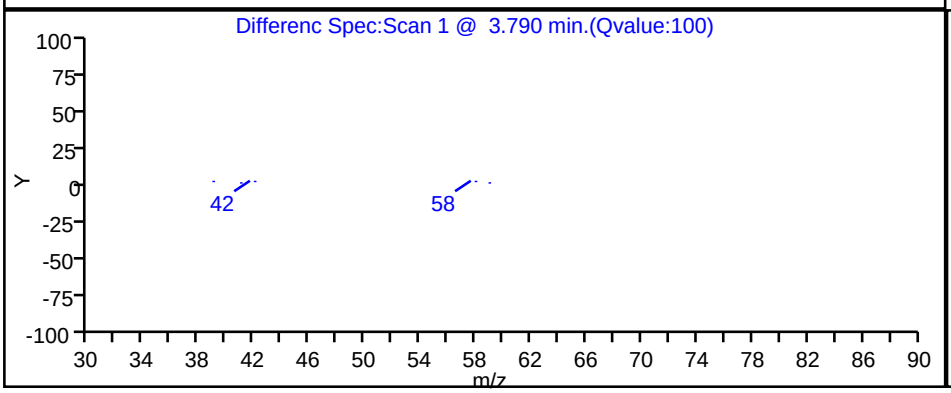


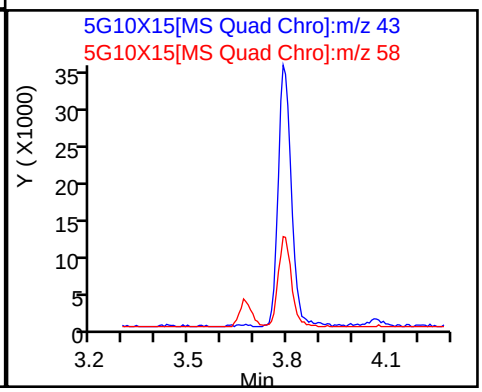












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

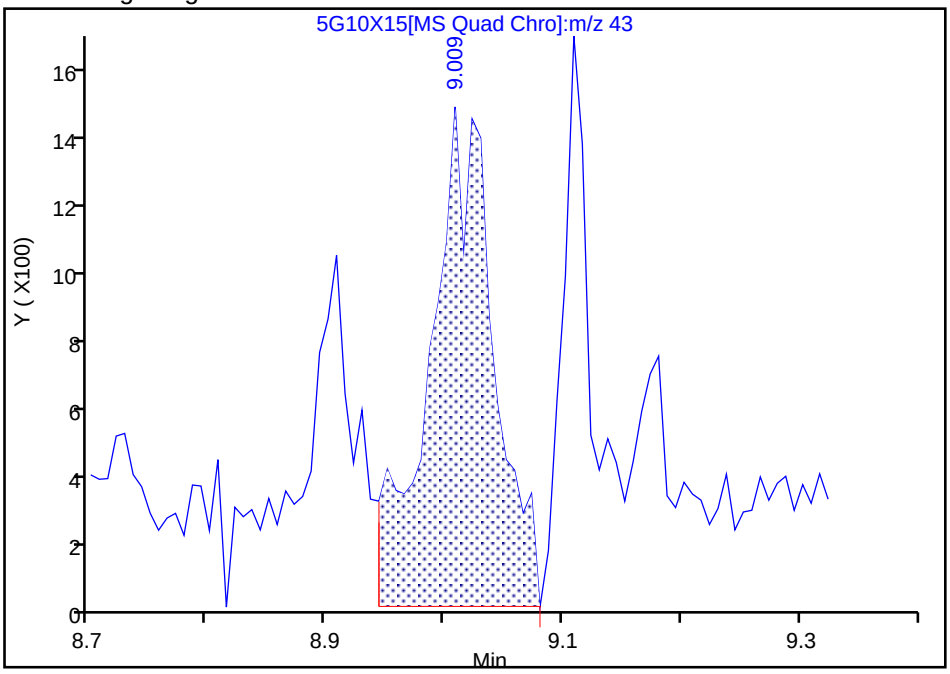
Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X15.D				
Injection Date:	11-Aug-2025 10:07:51	Instrument ID:	HP22820		
Lims ID:	410-237203-A-6	Lab Sample ID:	410-237203-6		
Client ID:	2059				
Operator ID:	al109694	ALS Bottle#:	13	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Signal: 1

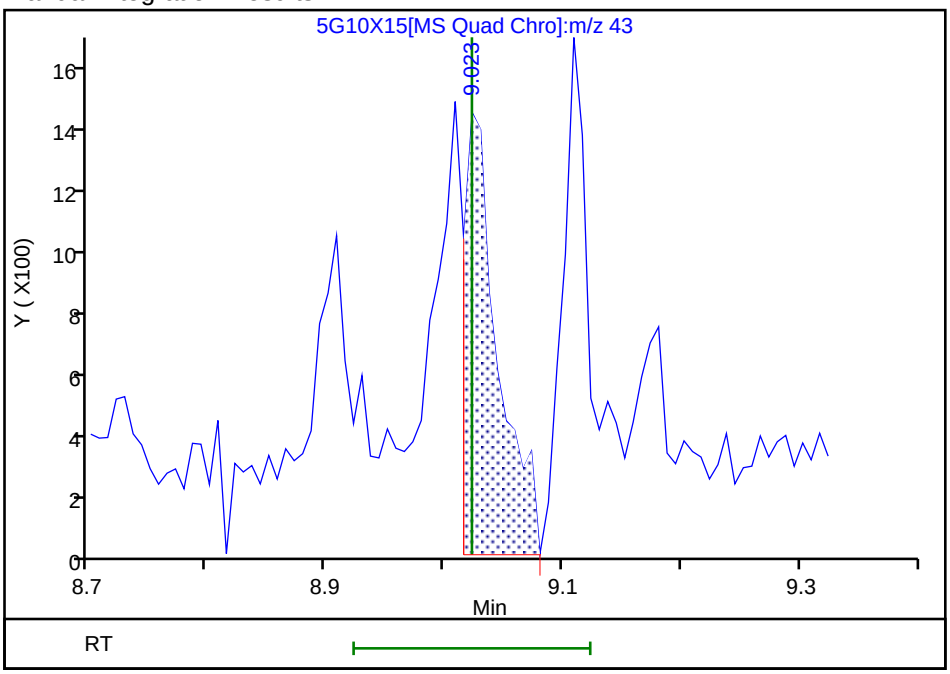
Processing Integration Results

RT: 9.01
Area: 5617
Amount: 0.141963
Amount Units: ppb v/v



Manual Integration Results

RT: 9.02
Area: 2694
Amount: 0.068088
Amount Units: ppb v/v



Reviewer: D7UM, 14-Aug-2025 12:55:05 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

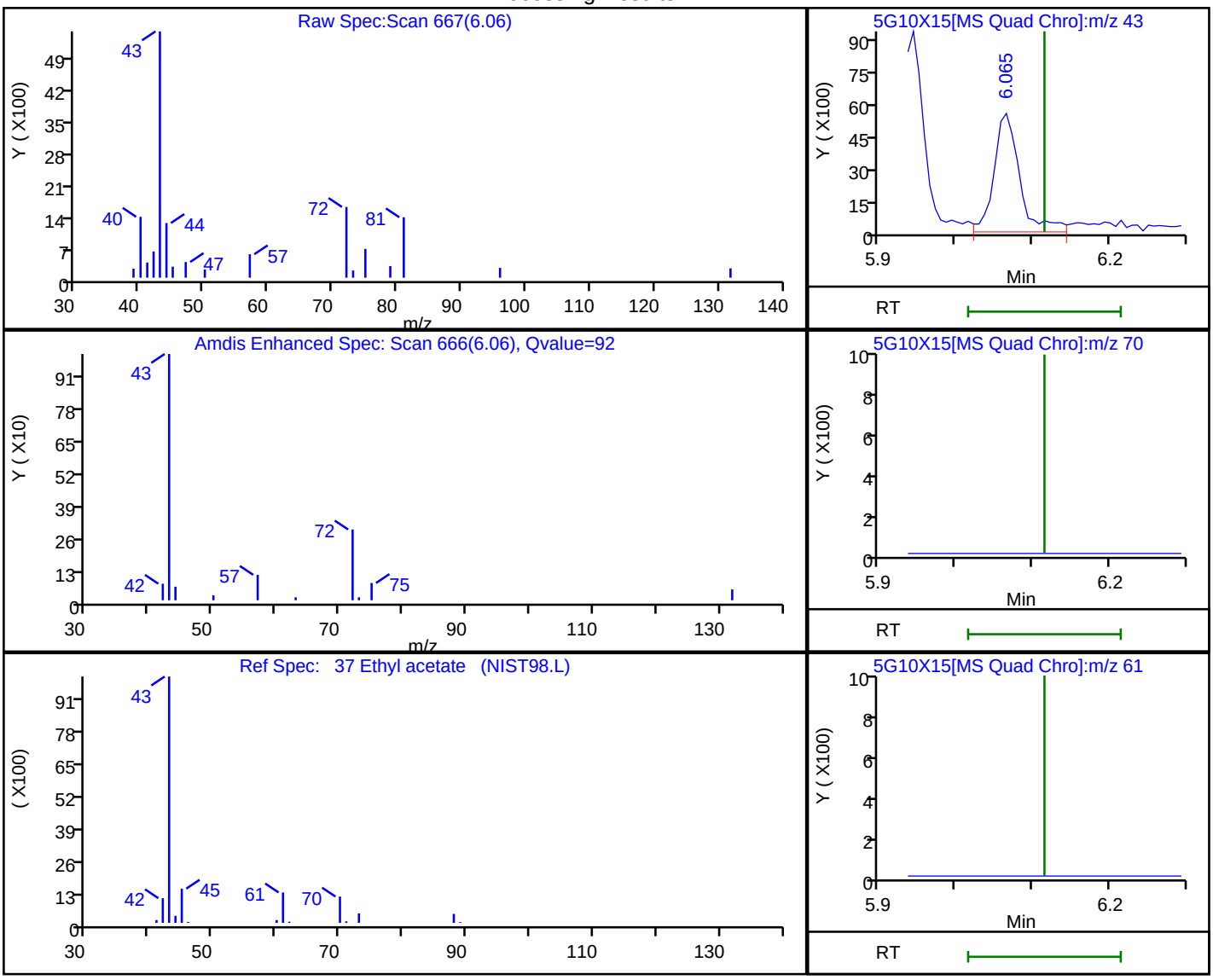
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X15.D				
Injection Date:	11-Aug-2025 10:07:51	Instrument ID:	HP22820		
Lims ID:	410-237203-A-6	Lab Sample ID:	410-237203-6		
Client ID:	2059				
Operator ID:	al109694	ALS Bottle#:	13	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

37 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
6.06	43.00	12557	0.269929
6.11	70.00	0	
6.11	61.00	0	

Reviewer: D7UM, 14-Aug-2025 12:55:18 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2045 Lab Sample ID: 410-237203-7

Matrix: Air Lab File ID: 5G10X17.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.26	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.0	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2045 Lab Sample ID: 410-237203-7

Matrix: Air Lab File ID: 5G10X17.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2045 Lab Sample ID: 410-237203-7

Matrix: Air Lab File ID: 5G10X17.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2045 Lab Sample ID: 410-237203-7

Matrix: Air Lab File ID: 5G10X17.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X17.D
Lims ID: 410-237203-A-7
Client ID: 2045
Sample Type: Client
Inject. Date: 11-Aug-2025 10:57:48 ALS Bottle#: 5 Worklist Smp#: 17
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2045
Misc. Info.: 410-0156110-017
Operator ID: al109694 Instrument ID: HP22820

Method: \\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\AirMS_TO15_HP22820.m
Limit Group: MSV - TO15
Last Update: 14-Aug-2025 14:00:17 Calib Date: 20-Jun-2025 20:16:24
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D

Column 1 : DB-624 30m .25mm (0.25 mm) Det: MS Quad
Process Host: CTX1642

First Level Reviewer: D7UM Date: 14-Aug-2025 12:58:25

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	18 Acetone	43	3.794	3.787	0.007	100	59126	1.99	
	36 2-Butanone (MEK)	43	6.065	6.058	0.007	99	10102	0.2550	
*	39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	94	100917	10.0	
*	51 1,4-Difluorobenzene	114	7.275	7.275	0.000	94	430524	10.0	
	69 2-Hexanone	43	9.016	9.023	-0.007	17	2708	0.0675	7M
*	72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.072	86	469544	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

AIRIS200 ppb_00511 Amount Added: 10.00 Units: mL Run Reagent

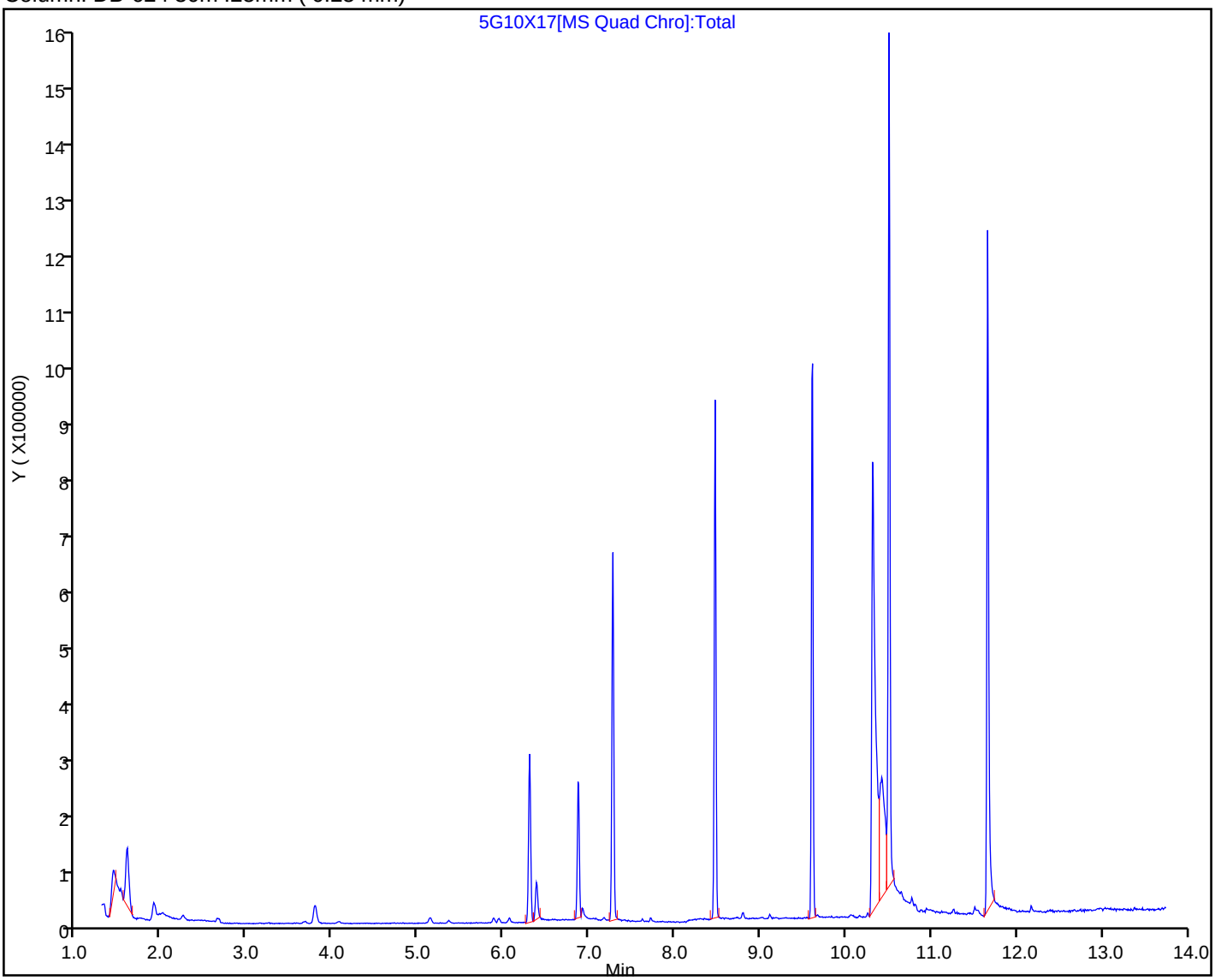
Report Date: 14-Aug-2025 14:00:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X17.D

Injection Date:	11-Aug-2025 10:57:48	Instrument ID:	HP22820		
Lims ID:	410-237203-A-7	Lab Sample ID:	410-237203-7		
Client ID:	2045				
Operator ID:	al109694	ALS Bottle#:	5	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

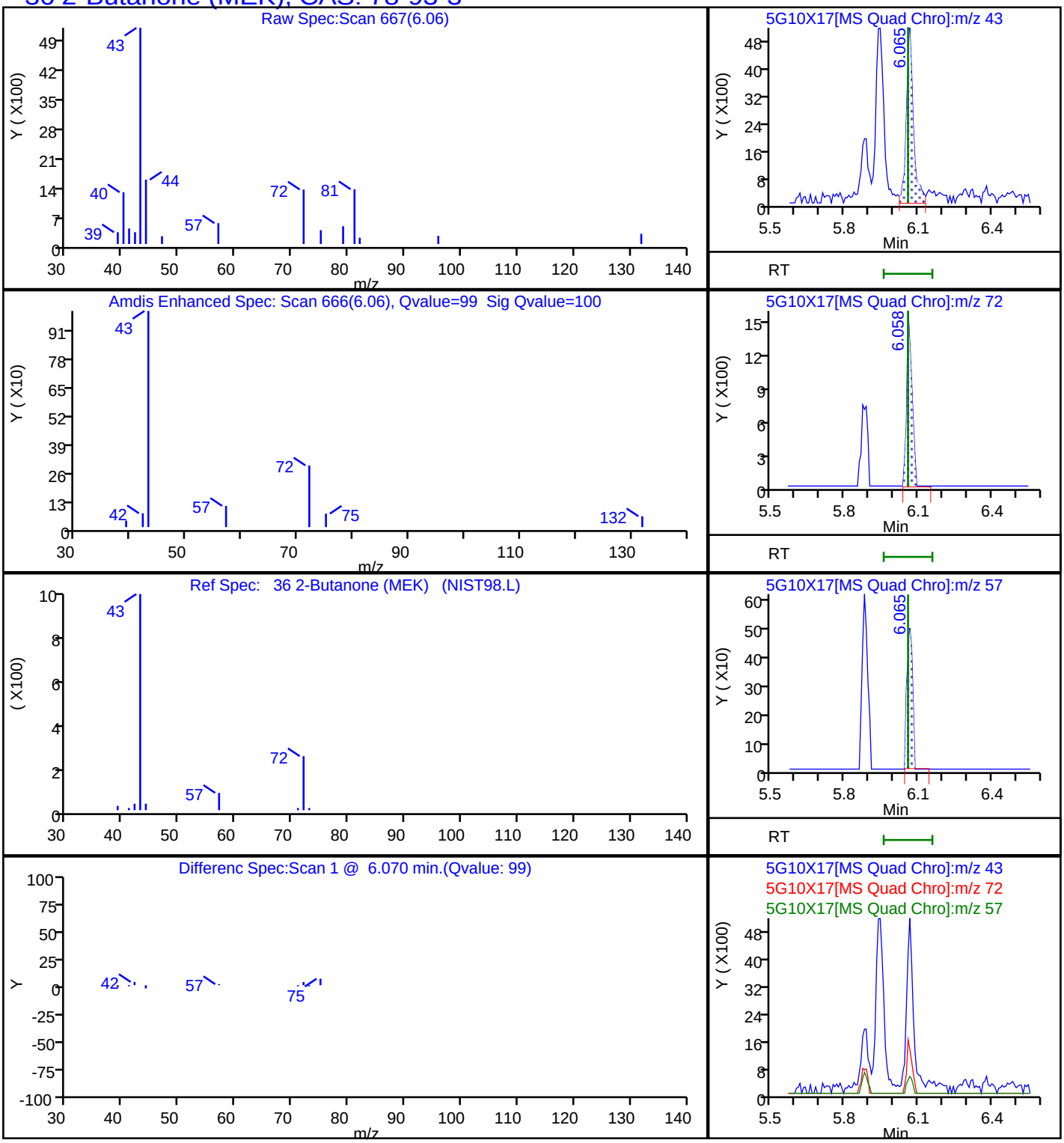


Report Date: 14-Aug-2025 14:00:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X17.D				
Injection Date:	11-Aug-2025 10:57:48	Instrument ID:	HP22820		
Lims ID:	410-237203-A-7	Lab Sample ID:	410-237203-7		
Client ID:	2045				
Operator ID:	al109694	ALS Bottle#:	5	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

36 2-Butanone (MEK), CAS: 78-93-3

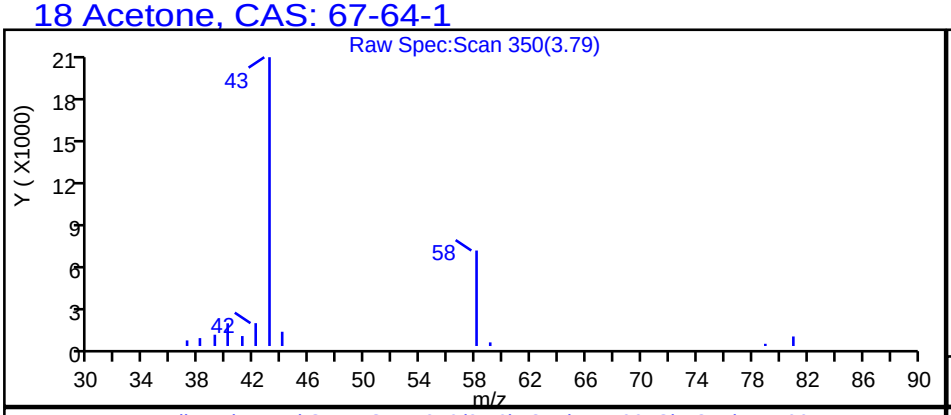


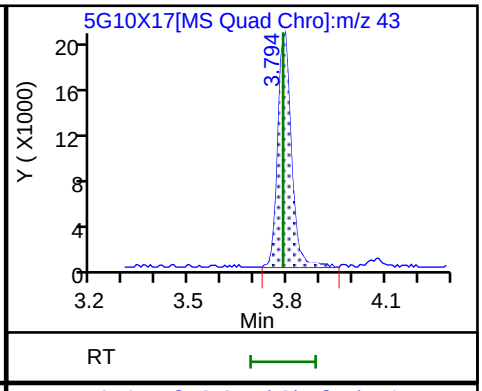
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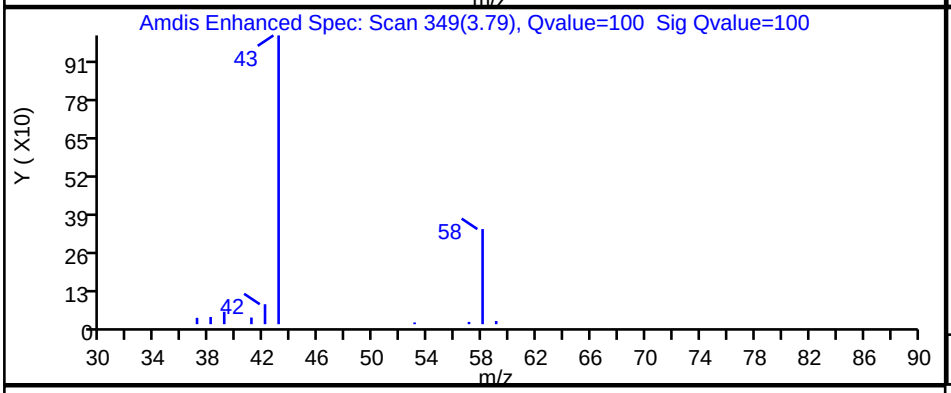
Eurofins Lancaster Laboratories Environment Testing, LLC

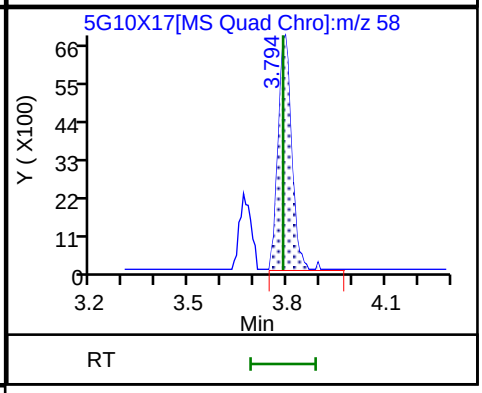
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Injection Date:	11-Aug-2025 10:57:48	Instrument ID:	HP22820		
Lims ID:	410-237203-A-7	Lab Sample ID:	410-237203-7		
Client ID:	2045				
Operator ID:	al109694	ALS Bottle#:	5	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

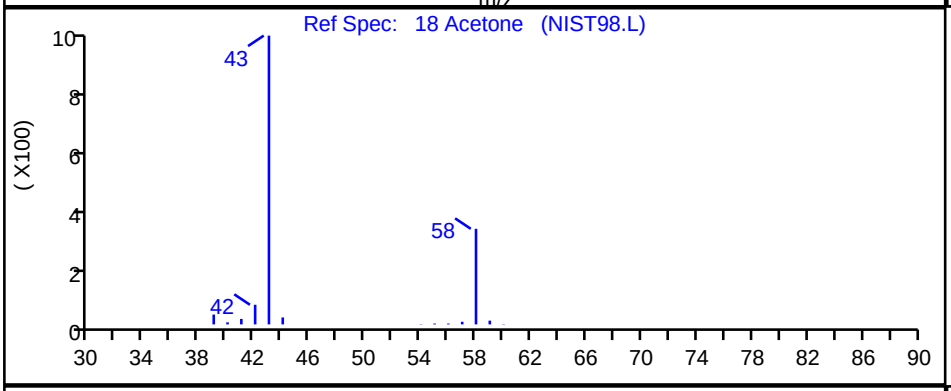
18 Acetone, CAS: 67-64-1

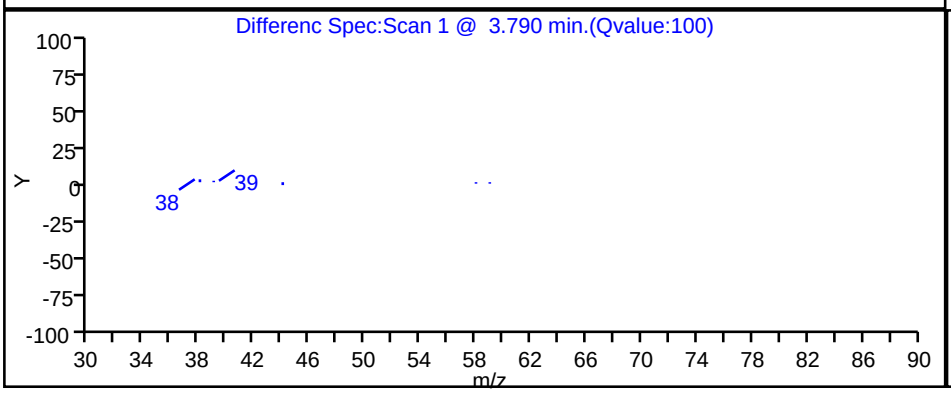


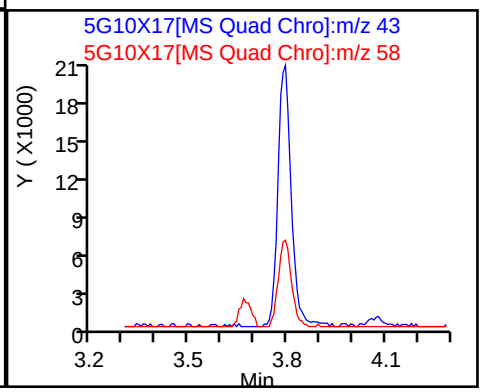












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

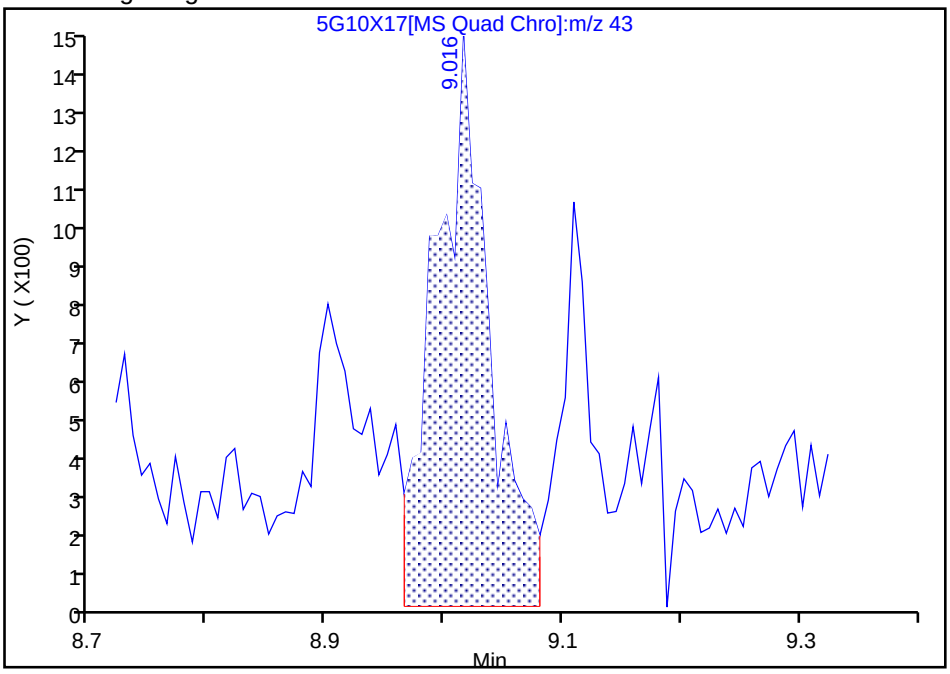
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Injection Date:	11-Aug-2025 10:57:48	Instrument ID:	HP22820		
Lims ID:	410-237203-A-7	Lab Sample ID:	410-237203-7		
Client ID:	2045				
Operator ID:	al109694	ALS Bottle#:	5	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Signal: 1

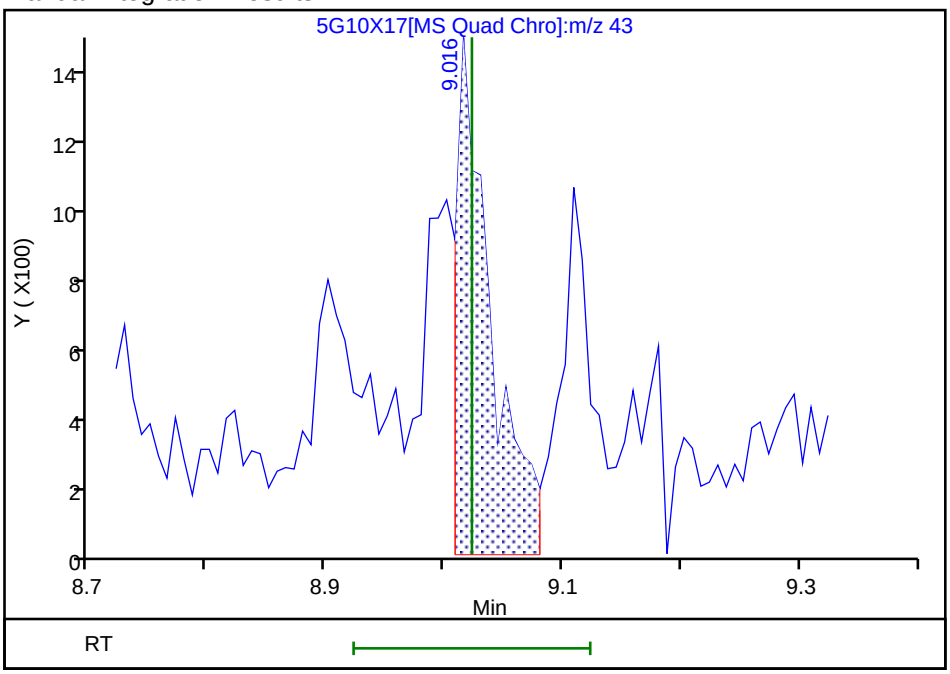
Processing Integration Results

RT: 9.02
Area: 4483
Amount: 0.111785
Amount Units: ppb v/v



Manual Integration Results

RT: 9.02
Area: 2708
Amount: 0.067525
Amount Units: ppb v/v



Reviewer: D7UM, 14-Aug-2025 12:58:00 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2135 Lab Sample ID: 410-237203-8

Matrix: Air Lab File ID: 5G10X18.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 11:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.8	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2135 Lab Sample ID: 410-237203-8

Matrix: Air Lab File ID: 5G10X18.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 11:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2135 Lab Sample ID: 410-237203-8

Matrix: Air Lab File ID: 5G10X18.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 11:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2135 Lab Sample ID: 410-237203-8

Matrix: Air Lab File ID: 5G10X18.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 11:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X18.D
Lims ID: 410-237203-A-8
Client ID: 2135
Sample Type: Client
Inject. Date: 11-Aug-2025 11:22:32 ALS Bottle#: 8 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: ccN10020
Misc. Info.: 410-0156110-018
Operator ID: al109694 Instrument ID: HP22820

Method: \\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\AirMS_TO15_HP22820.m
Limit Group: MSV - TO15
Last Update: 14-Aug-2025 14:00:17 Calib Date: 20-Jun-2025 20:16:24
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D

Column 1 : DB-624 30m .25mm (0.25 mm) Det: MS Quad
Process Host: CTX1642

First Level Reviewer: D7UM Date: 14-Aug-2025 13:10:50

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	18 Acetone	43	3.794	3.787	0.007	99	54580	1.76	
	36 2-Butanone (MEK)	43	6.065	6.058	0.007	97	7302	0.1758	
*	39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	94	105837	10.0	
*	51 1,4-Difluorobenzene	114	7.275	7.275	0.000	95	430075	10.0	
*	72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.072	86	475509	10.0	

QC Flag Legend
Processing Flags

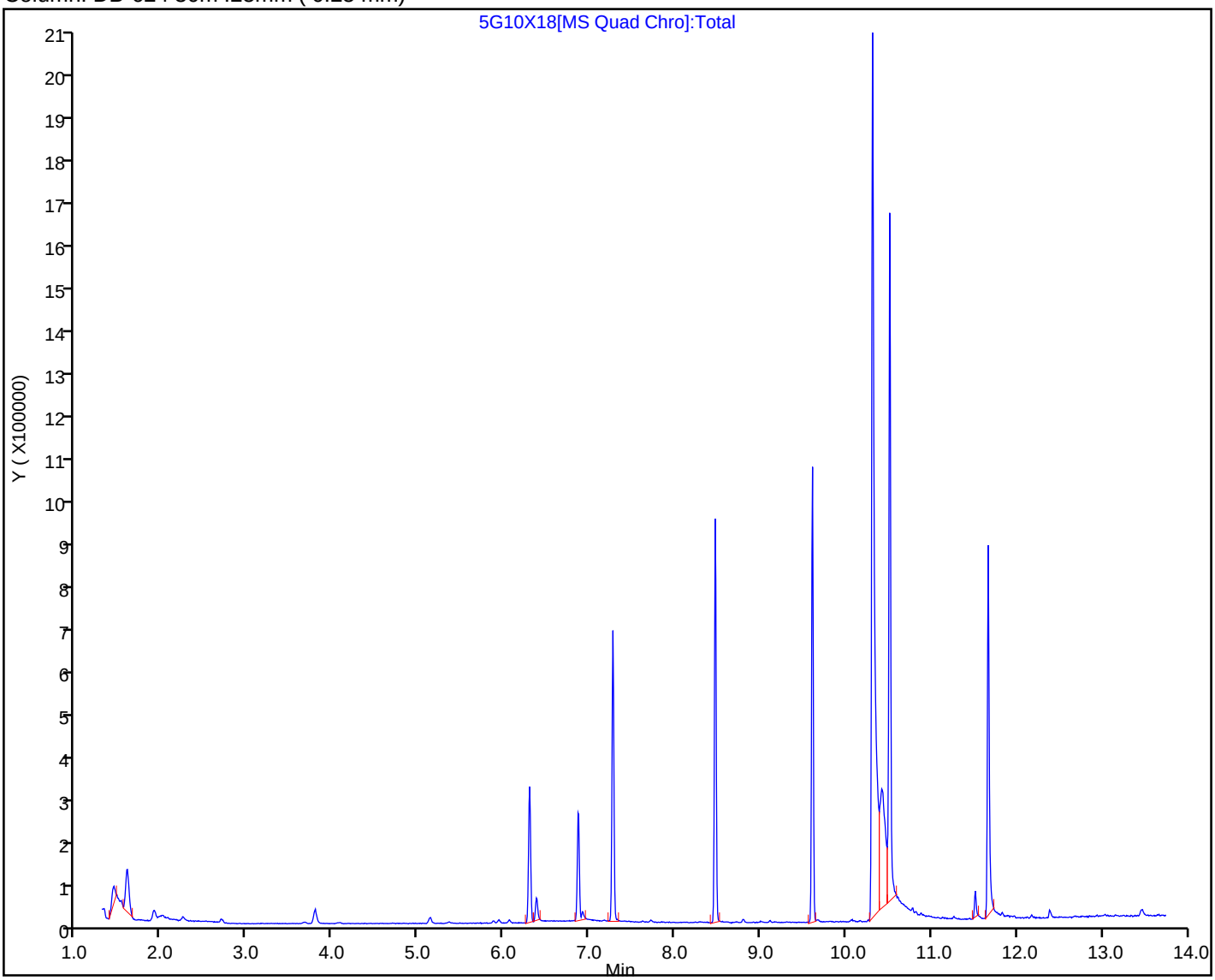
Reagents:
AIRIS200 ppb_00511 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 14-Aug-2025 14:00:33 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X18.D				
Injection Date:	11-Aug-2025 11:22:32	Instrument ID:	HP22820		
Lims ID:	410-237203-A-8	Lab Sample ID:	410-237203-8		
Client ID:	2135				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)



Report Date: 14-Aug-2025 14:00:33 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X18.D

Injection Date: 11-Aug-2025 11:22:32 Instrument ID: HP22820

Lims ID: 410-237203-A-8 Lab Sample ID: 410-237203-8

Client ID: 2135

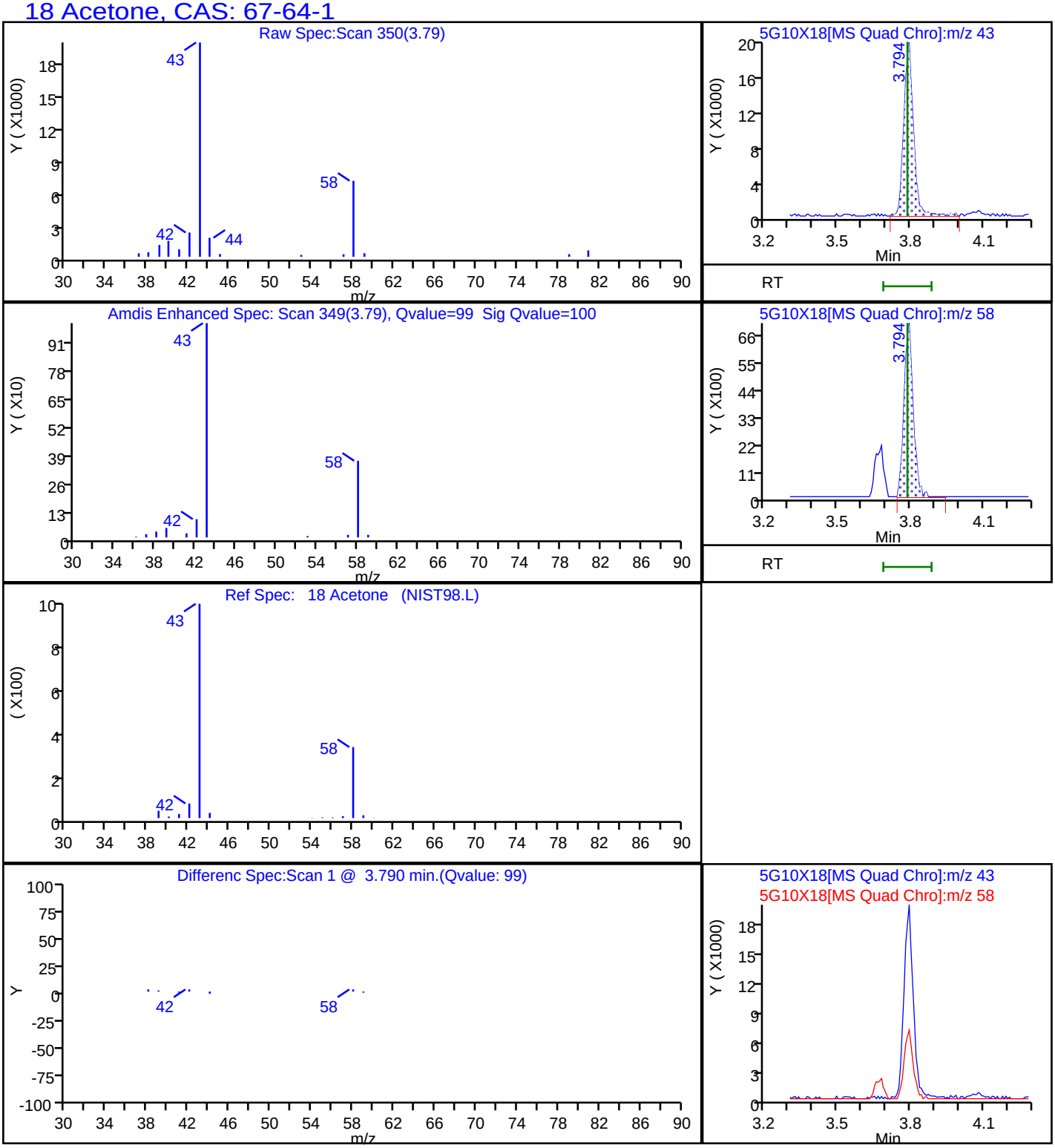
Operator ID: al109694 ALS Bottle#: 8 Worklist Smp#: 18

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_TO15_HP22820 Limit Group: MSV - TO15

Column: DB-624 30m .25mm (0.25 mm) Detector MS Quad

18 Acetone, CAS: 67-64-1



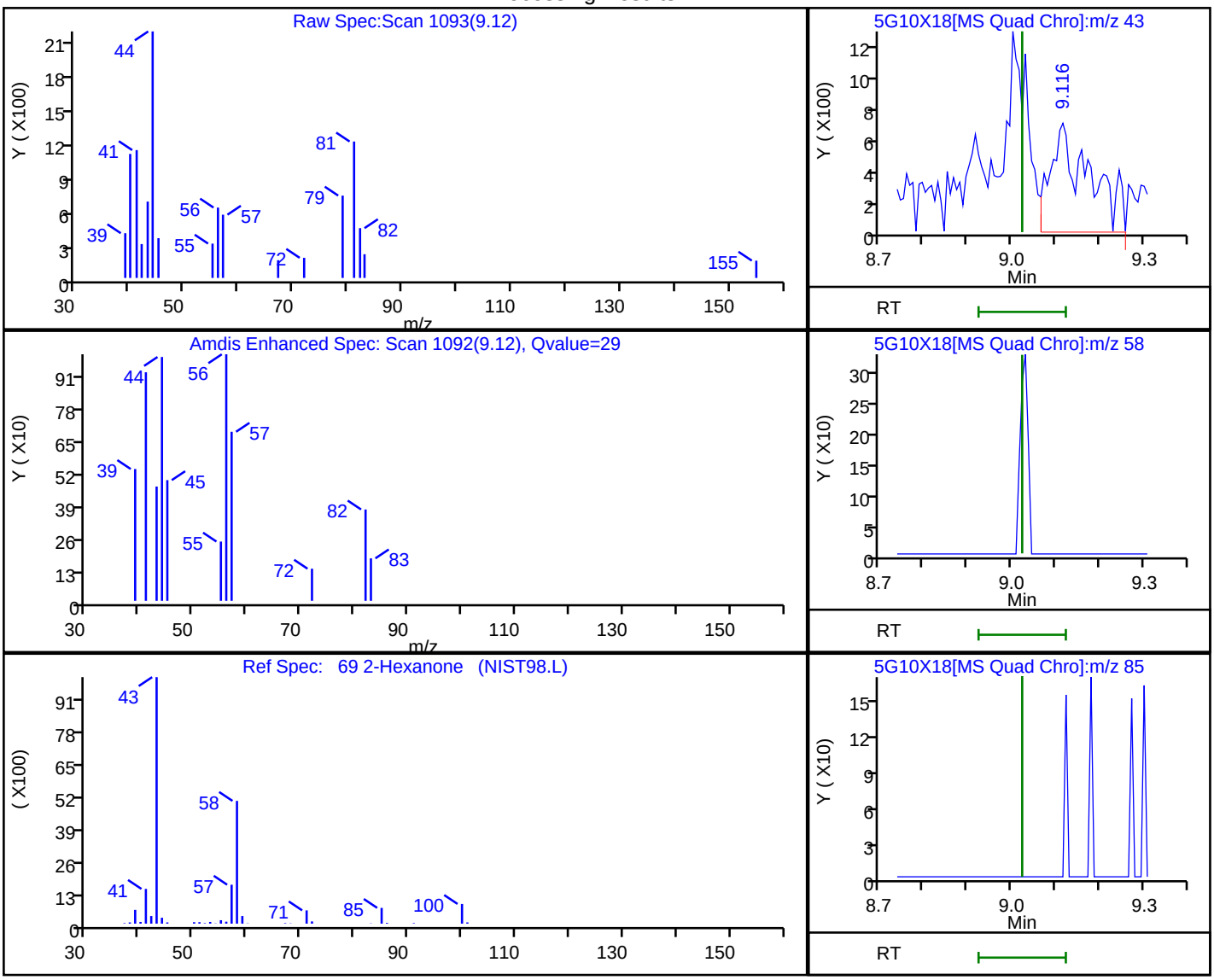
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X18.D				
Injection Date:	11-Aug-2025 11:22:32	Instrument ID:	HP22820		
Lims ID:	410-237203-A-8	Lab Sample ID:	410-237203-8		
Client ID:	2135				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
9.12	43.00	4152	0.102232
9.02	58.00	0	
9.02	85.00	0	

Reviewer: D7UM, 14-Aug-2025 12:58:49 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

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ANALYTICAL REPORT

PREPARED FOR

Attn: Natalia Barragan-Valderrama
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 12/9/2025 10:18:19 AM

JOB DESCRIPTION

EMGPRP-31097

JOB NUMBER

410-254031-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

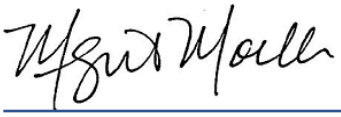
Eurofins Lancaster Laboratories Environment Testing, LLC

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/9/2025 10:18:19 AM

Authorized for release by
Megan Moeller, Client Services Manager
Megan.Moeller@et.eurofinsus.com
(717)556-7261

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

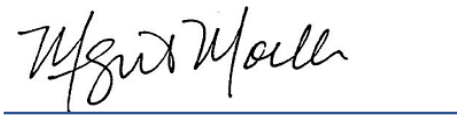


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Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-254031-1	Flame Ox Effluent	Air	11/14/25 12:18	11/20/25 17:00	Air Canister (6-Liter) #1439
410-254031-2	SVE Combined Influent	Air	11/14/25 12:40	11/20/25 17:00	Air Canister (6-Liter) #1804
410-254031-3	LICC Air	Air	11/14/25 12:05	11/20/25 17:00	Air Canister (6-Liter) #2594
410-254031-4	ORS AS Influent	Air	11/14/25 12:42	11/20/25 17:00	
410-254031-5	SVE Influent	Air	11/14/25 12:36	11/20/25 17:00	Air Canister (6-Liter) #521

Job ID: 410-254031-1 — Eurofins Lancaster Laboratories Environment

Job Narrative
410-254031-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/20/2025 5:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Receipt Exceptions
The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): ORS AS Influent (410-254031-4). The container labels list summa canister ID 2566, while the COC lists summa canister ID 2556. The summa canister ID was entered as 2566 per the container label.

Air - GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Air - GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: Flame Ox Effluent — Lab Sample ID: 410-254031-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	19	J	40	3.2	ug/m3	10		TO-15	Total/NA
2-Butanone	47		29	6.2	ug/m3	10		TO-15	Total/NA
Acetone	310		120	24	ug/m3	10		TO-15	Total/NA
Benzene	22	J	32	3.5	ug/m3	10		TO-15	Total/NA
Chloroethane	9.3	J	26	7.9	ug/m3	10		TO-15	Total/NA
Heptane	390		41	9.4	ug/m3	10		TO-15	Total/NA
Hexane	450		35	11	ug/m3	10		TO-15	Total/NA
Isooctane	100		47	19	ug/m3	10		TO-15	Total/NA
Cyclohexane	450		34	6.9	ug/m3	10		TO-15	Total/NA
Methylene Chloride	10	J	69	8.7	ug/m3	10		TO-15	Total/NA
Tetrachloroethene	310		140	17	ug/m3	10		TO-15	Total/NA
Trichloroethene	60		54	9.7	ug/m3	10		TO-15	Total/NA
Propene	61		17	5.2	ug/m3	10		TO-15	Total/NA
Methane	130		33	5.9	mg/m3	10		EPA-18	Total/NA
C1-C10 as methane	140		66	33	mg/m3	10		EPA-18	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	4.7	J	10	0.80	ppb v/v	10		TO-15	Total/NA
2-Butanone	16		10	2.1	ppb v/v	10		TO-15	Total/NA
Acetone	130		50	10	ppb v/v	10		TO-15	Total/NA
Benzene	6.8	J	10	1.1	ppb v/v	10		TO-15	Total/NA
Chloroethane	3.5	J	10	3.0	ppb v/v	10		TO-15	Total/NA
Heptane	95		10	2.3	ppb v/v	10		TO-15	Total/NA
Hexane	130		10	3.0	ppb v/v	10		TO-15	Total/NA
Isooctane	22		10	4.0	ppb v/v	10		TO-15	Total/NA
Cyclohexane	130		10	2.0	ppb v/v	10		TO-15	Total/NA
Methylene Chloride	2.9	J	20	2.5	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene	46		20	2.5	ppb v/v	10		TO-15	Total/NA
Trichloroethene	11		10	1.8	ppb v/v	10		TO-15	Total/NA
Propene	35		10	3.0	ppb v/v	10		TO-15	Total/NA
Methane	200		50	9.0	ppm v/v	10		EPA-18	Total/NA
C1-C10 as methane	210		100	50	ppm v/v	10		EPA-18	Total/NA

Client Sample ID: SVE Combined Influent — Lab Sample ID: 410-254031-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	4100	J	9800	1400	ug/m3	1000		TO-15	Total/NA
1,3,5-Trimethylbenzene	2300	J	9800	1600	ug/m3	1000		TO-15	Total/NA
4-Ethyltoluene	1600	J	4900	880	ug/m3	1000		TO-15	Total/NA
Benzene	5900		3200	350	ug/m3	1000		TO-15	Total/NA
Ethylbenzene	4700		4300	830	ug/m3	1000		TO-15	Total/NA
Heptane	75000		4100	940	ug/m3	1000		TO-15	Total/NA
Hexane	49000		3500	1100	ug/m3	1000		TO-15	Total/NA
Isooctane	17000		4700	1900	ug/m3	1000		TO-15	Total/NA
m&p-Xylene	28000		4300	1100	ug/m3	1000		TO-15	Total/NA
Cyclohexane	80000		3400	690	ug/m3	1000		TO-15	Total/NA
o-Xylene	1300	J	4300	830	ug/m3	1000		TO-15	Total/NA
Methane	1400		660	120	mg/m3	200		EPA-18	Total/NA
C1-C10 as methane	2500		1300	660	mg/m3	200		EPA-18	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	830	J	2000	280	ppb v/v	1000		TO-15	Total/NA
1,3,5-Trimethylbenzene	460	J	2000	320	ppb v/v	1000		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SVE Combined Influent (Continued)

Lab Sample ID: 410-254031-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Ethyltoluene	320	J	1000	180	ppb v/v	1000		TO-15	Total/NA
Benzene	1800		1000	110	ppb v/v	1000		TO-15	Total/NA
Ethylbenzene	1100		1000	190	ppb v/v	1000		TO-15	Total/NA
Heptane	18000		1000	230	ppb v/v	1000		TO-15	Total/NA
Hexane	14000		1000	300	ppb v/v	1000		TO-15	Total/NA
Isooctane	3700		1000	400	ppb v/v	1000		TO-15	Total/NA
m&p-Xylene	6400		1000	260	ppb v/v	1000		TO-15	Total/NA
Cyclohexane	23000		1000	200	ppb v/v	1000		TO-15	Total/NA
o-Xylene	310	J	1000	190	ppb v/v	1000		TO-15	Total/NA
Methane	2200		1000	180	ppm v/v	200		EPA-18	Total/NA
C1-C10 as methane	3700		2000	1000	ppm v/v	200		EPA-18	Total/NA

Client Sample ID: LICC Air

Lab Sample ID: 410-254031-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	1.3	J	2.9	0.62	ug/m3	1		TO-15	Total/NA
Acetone	5.0	J	12	2.4	ug/m3	1		TO-15	Total/NA
Benzene	0.37	J	3.2	0.35	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	1.9	J	4.9	0.64	ug/m3	1		TO-15	Total/NA
m&p-Xylene	1.1	J	4.3	1.1	ug/m3	1		TO-15	Total/NA
Ethanol	7.6	J	9.4	3.8	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	4.1	J	14	1.7	ug/m3	1		TO-15	Total/NA
Toluene	1.5	J	3.8	1.5	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.0	J	5.6	0.84	ug/m3	1		TO-15	Total/NA
Propene	0.77	J	1.7	0.52	ug/m3	1		TO-15	Total/NA
Methane	1.3	J	6.6	1.2	mg/m3	2		EPA-18	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	0.43	J	1.0	0.21	ppb v/v	1		TO-15	Total/NA
Acetone	2.1	J	5.0	1.0	ppb v/v	1		TO-15	Total/NA
Benzene	0.12	J	1.0	0.11	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.38	J	1.0	0.13	ppb v/v	1		TO-15	Total/NA
m&p-Xylene	0.25	J	1.0	0.26	ppb v/v	1		TO-15	Total/NA
Ethanol	4.0	J	5.0	2.0	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.60	J	2.0	0.25	ppb v/v	1		TO-15	Total/NA
Toluene	0.41	J	1.0	0.40	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.18	J	1.0	0.15	ppb v/v	1		TO-15	Total/NA
Propene	0.45	J	1.0	0.30	ppb v/v	1		TO-15	Total/NA
Methane	1.9	J	10	1.8	ppm v/v	2		EPA-18	Total/NA

Client Sample ID: ORS AS Influent

Lab Sample ID: 410-254031-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	6.4	J	40	5.6	ug/m3	10		TO-15	Total/NA
1,2-Dichloroethane	48		40	3.2	ug/m3	10		TO-15	Total/NA
Benzene	590		32	3.5	ug/m3	10		TO-15	Total/NA
cis-1,2-Dichloroethene	380		40	7.9	ug/m3	10		TO-15	Total/NA
Ethylbenzene	31	J	43	8.3	ug/m3	10		TO-15	Total/NA
Heptane	61		41	9.4	ug/m3	10		TO-15	Total/NA
Hexane	120		35	11	ug/m3	10		TO-15	Total/NA
Isooctane	30	J	47	19	ug/m3	10		TO-15	Total/NA
m&p-Xylene	62		43	11	ug/m3	10		TO-15	Total/NA
Cyclohexane	580		34	6.9	ug/m3	10		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: ORS AS Influent (Continued)

Lab Sample ID: 410-254031-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl t-butyl ether	53		36	5.4	ug/m3	10		TO-15	Total/NA
Tetrachloroethene	1100		140	17	ug/m3	10		TO-15	Total/NA
Toluene	26	J	38	15	ug/m3	10		TO-15	Total/NA
trans-1,2-Dichloroethene	10	J	40	7.9	ug/m3	10		TO-15	Total/NA
Trichloroethene	1300		54	9.7	ug/m3	10		TO-15	Total/NA
Vinyl chloride	26		26	3.1	ug/m3	10		TO-15	Total/NA
Methane	21		6.6	1.2	mg/m3	2		EPA-18	Total/NA
C1-C10 as methane	29		13	6.6	mg/m3	2		EPA-18	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.6	J	10	1.4	ppb v/v	10		TO-15	Total/NA
1,2-Dichloroethane	12		10	0.80	ppb v/v	10		TO-15	Total/NA
Benzene	190		10	1.1	ppb v/v	10		TO-15	Total/NA
cis-1,2-Dichloroethene	95		10	2.0	ppb v/v	10		TO-15	Total/NA
Ethylbenzene	7.1	J	10	1.9	ppb v/v	10		TO-15	Total/NA
Heptane	15		10	2.3	ppb v/v	10		TO-15	Total/NA
Hexane	33		10	3.0	ppb v/v	10		TO-15	Total/NA
Isooctane	6.4	J	10	4.0	ppb v/v	10		TO-15	Total/NA
m&p-Xylene	14		10	2.6	ppb v/v	10		TO-15	Total/NA
Cyclohexane	170		10	2.0	ppb v/v	10		TO-15	Total/NA
Methyl t-butyl ether	15		10	1.5	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene	170		20	2.5	ppb v/v	10		TO-15	Total/NA
Toluene	6.9	J	10	4.0	ppb v/v	10		TO-15	Total/NA
trans-1,2-Dichloroethene	2.5	J	10	2.0	ppb v/v	10		TO-15	Total/NA
Trichloroethene	240		10	1.8	ppb v/v	10		TO-15	Total/NA
Vinyl chloride	10		10	1.2	ppb v/v	10		TO-15	Total/NA
Methane	32		10	1.8	ppm v/v	2		EPA-18	Total/NA
C1-C10 as methane	45		20	10	ppm v/v	2		EPA-18	Total/NA

Client Sample ID: SVE Influent

Lab Sample ID: 410-254031-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2800	J	9800	1400	ug/m3	1000		TO-15	Total/NA
4-Ethyltoluene	1000	J	4900	880	ug/m3	1000		TO-15	Total/NA
Benzene	6800		3200	350	ug/m3	1000		TO-15	Total/NA
Ethylbenzene	4400		4300	830	ug/m3	1000		TO-15	Total/NA
Heptane	85000		4100	940	ug/m3	1000		TO-15	Total/NA
Hexane	60000		3500	1100	ug/m3	1000		TO-15	Total/NA
Isooctane	20000		4700	1900	ug/m3	1000		TO-15	Total/NA
m&p-Xylene	25000		4300	1100	ug/m3	1000		TO-15	Total/NA
Cyclohexane	94000		3400	690	ug/m3	1000		TO-15	Total/NA
o-Xylene	1300	J	4300	830	ug/m3	1000		TO-15	Total/NA
Methane	1300		130	24	mg/m3	40		EPA-18	Total/NA
C1-C10 as methane	2400		260	130	mg/m3	40		EPA-18	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	560	J	2000	280	ppb v/v	1000		TO-15	Total/NA
4-Ethyltoluene	210	J	1000	180	ppb v/v	1000		TO-15	Total/NA
Benzene	2100		1000	110	ppb v/v	1000		TO-15	Total/NA
Ethylbenzene	1000		1000	190	ppb v/v	1000		TO-15	Total/NA
Heptane	21000		1000	230	ppb v/v	1000		TO-15	Total/NA
Hexane	17000		1000	300	ppb v/v	1000		TO-15	Total/NA
Isooctane	4300		1000	400	ppb v/v	1000		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SVE Influent (Continued)

Lab Sample ID: 410-254031-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m&p-Xylene	5800		1000	260	ppb v/v	1000		TO-15	Total/NA
Cyclohexane	27000		1000	200	ppb v/v	1000		TO-15	Total/NA
o-Xylene	290	J	1000	190	ppb v/v	1000		TO-15	Total/NA
Methane	2000		200	36	ppm v/v	40		EPA-18	Total/NA
C1-C10 as methane	3600		400	200	ppm v/v	40		EPA-18	Total/NA

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: Flame Ox Effluent
Lab Sample ID: 410-254031-1
Date Collected: 11/14/25 12:18
Matrix: Air
Date Received: 11/20/25 17:00
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		55	6.5	ug/m3			12/06/25 09:17	10
1,1,2,2-Tetrachloroethane	ND		69	10	ug/m3			12/06/25 09:17	10
1,1,2-Trichloroethane	ND		55	6.5	ug/m3			12/06/25 09:17	10
1,1-Dichloroethane	ND		40	3.6	ug/m3			12/06/25 09:17	10
1,1-Dichloroethene	ND		40	5.6	ug/m3			12/06/25 09:17	10
1,2,4-Trichlorobenzene	ND		150	37	ug/m3			12/06/25 09:17	10
1,2,4-Trimethylbenzene	ND		98	14	ug/m3			12/06/25 09:17	10
1,2-Dibromoethane	ND		77	10	ug/m3			12/06/25 09:17	10
1,2-Dichlorobenzene	ND		60	12	ug/m3			12/06/25 09:17	10
1,2-Dichloroethane	**19**	**J**	40	3.2	ug/m3			12/06/25 09:17	10
1,2-Dichloropropane	ND		46	6.0	ug/m3			12/06/25 09:17	10
1,3,5-Trimethylbenzene	ND		98	16	ug/m3			12/06/25 09:17	10
1,3-Butadiene	ND		22	3.8	ug/m3			12/06/25 09:17	10
1,3-Dichlorobenzene	ND		60	18	ug/m3			12/06/25 09:17	10
1,4-Dichlorobenzene	ND		60	18	ug/m3			12/06/25 09:17	10
2-Butanone	**47**		29	6.2	ug/m3			12/06/25 09:17	10
2-Hexanone	ND		82	20	ug/m3			12/06/25 09:17	10
3-Chloroprene	ND		31	6.3	ug/m3			12/06/25 09:17	10
4-Ethyltoluene	ND		49	8.8	ug/m3			12/06/25 09:17	10
1,4-Dioxane	ND		36	6.1	ug/m3			12/06/25 09:17	10
4-Methyl-2-pentanone	ND		41	6.1	ug/m3			12/06/25 09:17	10
Acetone	**310**		120	24	ug/m3			12/06/25 09:17	10
2-Chlorotoluene	ND		52	11	ug/m3			12/06/25 09:17	10
Benzene	**22**	**J**	32	3.5	ug/m3			12/06/25 09:17	10
Bromodichloromethane	ND		67	27	ug/m3			12/06/25 09:17	10
Bromoform	ND		100	41	ug/m3			12/06/25 09:17	10
Bromomethane	ND		39	7.8	ug/m3			12/06/25 09:17	10
Carbon disulfide	ND		31	12	ug/m3			12/06/25 09:17	10
Carbon tetrachloride	ND		63	8.8	ug/m3			12/06/25 09:17	10
Chlorobenzene	ND		46	6.0	ug/m3			12/06/25 09:17	10
Chloroethane	**9.3**	**J**	26	7.9	ug/m3			12/06/25 09:17	10
Chloroform	ND		49	4.5	ug/m3			12/06/25 09:17	10
Benzyl chloride	ND		100	16	ug/m3			12/06/25 09:17	10
Chloromethane	ND		21	8.3	ug/m3			12/06/25 09:17	10
cis-1,2-Dichloroethene	ND		40	7.9	ug/m3			12/06/25 09:17	10
cis-1,3-Dichloropropene	ND		45	4.5	ug/m3			12/06/25 09:17	10
Bromoethene	ND		44	7.9	ug/m3			12/06/25 09:17	10
Dibromochloromethane	ND		85	34	ug/m3			12/06/25 09:17	10
Dichlorodifluoromethane	ND		49	6.4	ug/m3			12/06/25 09:17	10
Ethylbenzene	ND		43	8.3	ug/m3			12/06/25 09:17	10
Freon 113	ND		77	15	ug/m3			12/06/25 09:17	10
Freon-114	ND		70	8.4	ug/m3			12/06/25 09:17	10
Heptane	**390**		41	9.4	ug/m3			12/06/25 09:17	10
Hexane	**450**		35	11	ug/m3			12/06/25 09:17	10
Isooctane	**100**		47	19	ug/m3			12/06/25 09:17	10
m&p-Xylene	ND		43	11	ug/m3			12/06/25 09:17	10
Cyclohexane	**450**		34	6.9	ug/m3			12/06/25 09:17	10
Methyl t-butyl ether	ND		36	5.4	ug/m3			12/06/25 09:17	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: Flame Ox Effluent
Date Collected: 11/14/25 12:18
Date Received: 11/20/25 17:00
Sample Time: 0 Min

Lab Sample ID: 410-254031-1
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**10**	**J**	69	8.7	ug/m3			12/06/25 09:17	10
o-Xylene	ND		43	8.3	ug/m3			12/06/25 09:17	10
Styrene	ND		43	8.5	ug/m3			12/06/25 09:17	10
Ethanol	ND		94	38	ug/m3			12/06/25 09:17	10
Tetrachloroethene	**310**		140	17	ug/m3			12/06/25 09:17	10
Ethyl acetate	ND		72	9.0	ug/m3			12/06/25 09:17	10
Toluene	ND		38	15	ug/m3			12/06/25 09:17	10
trans-1,2-Dichloroethene	ND		40	7.9	ug/m3			12/06/25 09:17	10
trans-1,3-Dichloropropene	ND		45	5.4	ug/m3			12/06/25 09:17	10
Trichloroethene	**60**		54	9.7	ug/m3			12/06/25 09:17	10
Trichlorofluoromethane	ND		56	8.4	ug/m3			12/06/25 09:17	10
Vinyl chloride	ND		26	3.1	ug/m3			12/06/25 09:17	10
Hexachlorobutadiene	ND		210	50	ug/m3			12/06/25 09:17	10
Isopropanol	ND		25	15	ug/m3			12/06/25 09:17	10
Methyl methacrylate	ND		41	6.1	ug/m3			12/06/25 09:17	10
Propene	**61**		17	5.2	ug/m3			12/06/25 09:17	10
tert-Butyl alcohol	ND		30	6.4	ug/m3			12/06/25 09:17	10
Tetrahydrofuran	ND		29	7.1	ug/m3			12/06/25 09:17	10
Vinyl acetate	ND		35	5.6	ug/m3			12/06/25 09:17	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	1.2	ppb v/v			12/06/25 09:17	10
1,1,2,2-Tetrachloroethane	ND		10	1.5	ppb v/v			12/06/25 09:17	10
1,1,2-Trichloroethane	ND		10	1.2	ppb v/v			12/06/25 09:17	10
1,1-Dichloroethane	ND		10	0.89	ppb v/v			12/06/25 09:17	10
1,1-Dichloroethene	ND		10	1.4	ppb v/v			12/06/25 09:17	10
1,2,4-Trichlorobenzene	ND		20	5.0	ppb v/v			12/06/25 09:17	10
1,2,4-Trimethylbenzene	ND		20	2.8	ppb v/v			12/06/25 09:17	10
1,2-Dibromoethane	ND		10	1.3	ppb v/v			12/06/25 09:17	10
1,2-Dichlorobenzene	ND		10	2.0	ppb v/v			12/06/25 09:17	10
1,2-Dichloroethane	**4.7**	**J**	10	0.80	ppb v/v			12/06/25 09:17	10
1,2-Dichloropropane	ND		10	1.3	ppb v/v			12/06/25 09:17	10
1,3,5-Trimethylbenzene	ND		20	3.2	ppb v/v			12/06/25 09:17	10
1,3-Butadiene	ND		10	1.7	ppb v/v			12/06/25 09:17	10
1,3-Dichlorobenzene	ND		10	3.0	ppb v/v			12/06/25 09:17	10
1,4-Dichlorobenzene	ND		10	3.0	ppb v/v			12/06/25 09:17	10
2-Butanone	**16**		10	2.1	ppb v/v			12/06/25 09:17	10
2-Hexanone	ND		20	5.0	ppb v/v			12/06/25 09:17	10
3-Chloroprene	ND		10	2.0	ppb v/v			12/06/25 09:17	10
4-Ethyltoluene	ND		10	1.8	ppb v/v			12/06/25 09:17	10
1,4-Dioxane	ND		10	1.7	ppb v/v			12/06/25 09:17	10
4-Methyl-2-pentanone	ND		10	1.5	ppb v/v			12/06/25 09:17	10
Acetone	**130**		50	10	ppb v/v			12/06/25 09:17	10
2-Chlorotoluene	ND		10	2.2	ppb v/v			12/06/25 09:17	10
Benzene	**6.8**	**J**	10	1.1	ppb v/v			12/06/25 09:17	10
Bromodichloromethane	ND		10	4.0	ppb v/v			12/06/25 09:17	10
Bromoform	ND		10	4.0	ppb v/v			12/06/25 09:17	10
Bromomethane	ND		10	2.0	ppb v/v			12/06/25 09:17	10
Carbon disulfide	ND		10	4.0	ppb v/v			12/06/25 09:17	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: Flame Ox Effluent
Date Collected: 11/14/25 12:18
Date Received: 11/20/25 17:00
Sample Time: 0 Min

Lab Sample ID: 410-254031-1
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		10	1.4	ppb v/v			12/06/25 09:17	10
Chlorobenzene	ND		10	1.3	ppb v/v			12/06/25 09:17	10
Chloroethane	**3.5**	**J**	10	3.0	ppb v/v			12/06/25 09:17	10
Chloroform	ND		10	0.92	ppb v/v			12/06/25 09:17	10
Benzyl chloride	ND		20	3.0	ppb v/v			12/06/25 09:17	10
Chloromethane	ND		10	4.0	ppb v/v			12/06/25 09:17	10
cis-1,2-Dichloroethene	ND		10	2.0	ppb v/v			12/06/25 09:17	10
cis-1,3-Dichloropropene	ND		10	1.0	ppb v/v			12/06/25 09:17	10
Bromoethene	ND		10	1.8	ppb v/v			12/06/25 09:17	10
Dibromochloromethane	ND		10	4.0	ppb v/v			12/06/25 09:17	10
Dichlorodifluoromethane	ND		10	1.3	ppb v/v			12/06/25 09:17	10
Ethylbenzene	ND		10	1.9	ppb v/v			12/06/25 09:17	10
Freon 113	ND		10	2.0	ppb v/v			12/06/25 09:17	10
Freon-114	ND		10	1.2	ppb v/v			12/06/25 09:17	10
Heptane	**95**		10	2.3	ppb v/v			12/06/25 09:17	10
Hexane	**130**		10	3.0	ppb v/v			12/06/25 09:17	10
Isooctane	**22**		10	4.0	ppb v/v			12/06/25 09:17	10
m&p-Xylene	ND		10	2.6	ppb v/v			12/06/25 09:17	10
Cyclohexane	**130**		10	2.0	ppb v/v			12/06/25 09:17	10
Methyl t-butyl ether	ND		10	1.5	ppb v/v			12/06/25 09:17	10
Methylene Chloride	**2.9**	**J**	20	2.5	ppb v/v			12/06/25 09:17	10
o-Xylene	ND		10	1.9	ppb v/v			12/06/25 09:17	10
Styrene	ND		10	2.0	ppb v/v			12/06/25 09:17	10
Ethanol	ND		50	20	ppb v/v			12/06/25 09:17	10
Tetrachloroethene	**46**		20	2.5	ppb v/v			12/06/25 09:17	10
Ethyl acetate	ND		20	2.5	ppb v/v			12/06/25 09:17	10
Toluene	ND		10	4.0	ppb v/v			12/06/25 09:17	10
trans-1,2-Dichloroethene	ND		10	2.0	ppb v/v			12/06/25 09:17	10
trans-1,3-Dichloropropene	ND		10	1.2	ppb v/v			12/06/25 09:17	10
Trichloroethene	**11**		10	1.8	ppb v/v			12/06/25 09:17	10
Trichlorofluoromethane	ND		10	1.5	ppb v/v			12/06/25 09:17	10
Vinyl chloride	ND		10	1.2	ppb v/v			12/06/25 09:17	10
Hexachlorobutadiene	ND		20	4.7	ppb v/v			12/06/25 09:17	10
Isopropanol	ND		10	6.0	ppb v/v			12/06/25 09:17	10
Methyl methacrylate	ND		10	1.5	ppb v/v			12/06/25 09:17	10
Propene	**35**		10	3.0	ppb v/v			12/06/25 09:17	10
tert-Butyl alcohol	ND		10	2.1	ppb v/v			12/06/25 09:17	10
Tetrahydrofuran	ND		10	2.4	ppb v/v			12/06/25 09:17	10
Vinyl acetate	ND		10	1.6	ppb v/v			12/06/25 09:17	10

Method: EPA-18 - Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**130**		33	5.9	mg/m3			11/21/25 20:04	10
C1-C10 as methane	**140**		66	33	mg/m3			11/21/25 20:04	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**200**		50	9.0	ppm v/v			11/21/25 20:04	10
C1-C10 as methane	**210**		100	50	ppm v/v			11/21/25 20:04	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: SVE Combined Influent
Lab Sample ID: 410-254031-2
Date Collected: 11/14/25 12:40
Matrix: Air
Date Received: 11/20/25 17:00
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5500	650	ug/m3			12/05/25 20:42	1000
1,1,2,2-Tetrachloroethane	ND		6900	1000	ug/m3			12/05/25 20:42	1000
1,1,2-Trichloroethane	ND		5500	650	ug/m3			12/05/25 20:42	1000
1,1-Dichloroethane	ND		4000	360	ug/m3			12/05/25 20:42	1000
1,1-Dichloroethene	ND		4000	560	ug/m3			12/05/25 20:42	1000
1,2,4-Trichlorobenzene	ND		15000	3700	ug/m3			12/05/25 20:42	1000
1,2,4-Trimethylbenzene	**4100**	**J**	9800	1400	ug/m3			12/05/25 20:42	1000
1,2-Dibromoethane	ND		7700	1000	ug/m3			12/05/25 20:42	1000
1,2-Dichlorobenzene	ND		6000	1200	ug/m3			12/05/25 20:42	1000
1,2-Dichloroethane	ND		4000	320	ug/m3			12/05/25 20:42	1000
1,2-Dichloropropane	ND		4600	600	ug/m3			12/05/25 20:42	1000
1,3,5-Trimethylbenzene	**2300**	**J**	9800	1600	ug/m3			12/05/25 20:42	1000
1,3-Butadiene	ND		2200	380	ug/m3			12/05/25 20:42	1000
1,3-Dichlorobenzene	ND		6000	1800	ug/m3			12/05/25 20:42	1000
1,4-Dichlorobenzene	ND		6000	1800	ug/m3			12/05/25 20:42	1000
2-Butanone	ND		2900	620	ug/m3			12/05/25 20:42	1000
2-Hexanone	ND		8200	2000	ug/m3			12/05/25 20:42	1000
3-Chloroprene	ND		3100	630	ug/m3			12/05/25 20:42	1000
4-Ethyltoluene	**1600**	**J**	4900	880	ug/m3			12/05/25 20:42	1000
1,4-Dioxane	ND		3600	610	ug/m3			12/05/25 20:42	1000
4-Methyl-2-pentanone	ND		4100	610	ug/m3			12/05/25 20:42	1000
Acetone	ND		12000	2400	ug/m3			12/05/25 20:42	1000
2-Chlorotoluene	ND		5200	1100	ug/m3			12/05/25 20:42	1000
Benzene	**5900**		3200	350	ug/m3			12/05/25 20:42	1000
Bromodichloromethane	ND		6700	2700	ug/m3			12/05/25 20:42	1000
Bromoform	ND		10000	4100	ug/m3			12/05/25 20:42	1000
Bromomethane	ND		3900	780	ug/m3			12/05/25 20:42	1000
Carbon disulfide	ND		3100	1200	ug/m3			12/05/25 20:42	1000
Carbon tetrachloride	ND		6300	880	ug/m3			12/05/25 20:42	1000
Chlorobenzene	ND		4600	600	ug/m3			12/05/25 20:42	1000
Chloroethane	ND		2600	790	ug/m3			12/05/25 20:42	1000
Chloroform	ND		4900	450	ug/m3			12/05/25 20:42	1000
Benzyl chloride	ND		10000	1600	ug/m3			12/05/25 20:42	1000
Chloromethane	ND		2100	830	ug/m3			12/05/25 20:42	1000
cis-1,2-Dichloroethene	ND		4000	790	ug/m3			12/05/25 20:42	1000
cis-1,3-Dichloropropene	ND		4500	450	ug/m3			12/05/25 20:42	1000
Bromoethene	ND		4400	790	ug/m3			12/05/25 20:42	1000
Dibromochloromethane	ND		8500	3400	ug/m3			12/05/25 20:42	1000
Dichlorodifluoromethane	ND		4900	640	ug/m3			12/05/25 20:42	1000
Ethylbenzene	**4700**		4300	830	ug/m3			12/05/25 20:42	1000
Freon 113	ND		7700	1500	ug/m3			12/05/25 20:42	1000
Freon-114	ND		7000	840	ug/m3			12/05/25 20:42	1000
Heptane	**75000**		4100	940	ug/m3			12/05/25 20:42	1000
Hexane	**49000**		3500	1100	ug/m3			12/05/25 20:42	1000
Isooctane	**17000**		4700	1900	ug/m3			12/05/25 20:42	1000
m&p-Xylene	**28000**		4300	1100	ug/m3			12/05/25 20:42	1000
Cyclohexane	**80000**		3400	690	ug/m3			12/05/25 20:42	1000
Methyl t-butyl ether	ND		3600	540	ug/m3			12/05/25 20:42	1000

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: SVE Combined Influent
Lab Sample ID: 410-254031-2
Date Collected: 11/14/25 12:40
Matrix: Air
Date Received: 11/20/25 17:00
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		6900	870	ug/m3			12/05/25 20:42	1000
o-Xylene	**1300**	**J**	4300	830	ug/m3			12/05/25 20:42	1000
Styrene	ND		4300	850	ug/m3			12/05/25 20:42	1000
Ethanol	ND		9400	3800	ug/m3			12/05/25 20:42	1000
Tetrachloroethene	ND		14000	1700	ug/m3			12/05/25 20:42	1000
Ethyl acetate	ND		7200	900	ug/m3			12/05/25 20:42	1000
Toluene	ND		3800	1500	ug/m3			12/05/25 20:42	1000
trans-1,2-Dichloroethene	ND		4000	790	ug/m3			12/05/25 20:42	1000
trans-1,3-Dichloropropene	ND		4500	540	ug/m3			12/05/25 20:42	1000
Trichloroethene	ND		5400	970	ug/m3			12/05/25 20:42	1000
Trichlorofluoromethane	ND		5600	840	ug/m3			12/05/25 20:42	1000
Vinyl chloride	ND		2600	310	ug/m3			12/05/25 20:42	1000
Hexachlorobutadiene	ND		21000	5000	ug/m3			12/05/25 20:42	1000
Isopropanol	ND		2500	1500	ug/m3			12/05/25 20:42	1000
Methyl methacrylate	ND		4100	610	ug/m3			12/05/25 20:42	1000
Propene	ND		1700	520	ug/m3			12/05/25 20:42	1000
tert-Butyl alcohol	ND		3000	640	ug/m3			12/05/25 20:42	1000
Tetrahydrofuran	ND		2900	710	ug/m3			12/05/25 20:42	1000
Vinyl acetate	ND		3500	560	ug/m3			12/05/25 20:42	1000

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1000	120	ppb v/v			12/05/25 20:42	1000
1,1,2,2-Tetrachloroethane	ND		1000	150	ppb v/v			12/05/25 20:42	1000
1,1,2-Trichloroethane	ND		1000	120	ppb v/v			12/05/25 20:42	1000
1,1-Dichloroethane	ND		1000	89	ppb v/v			12/05/25 20:42	1000
1,1-Dichloroethene	ND		1000	140	ppb v/v			12/05/25 20:42	1000
1,2,4-Trichlorobenzene	ND		2000	500	ppb v/v			12/05/25 20:42	1000
1,2,4-Trimethylbenzene	**830**	**J**	2000	280	ppb v/v			12/05/25 20:42	1000
1,2-Dibromoethane	ND		1000	130	ppb v/v			12/05/25 20:42	1000
1,2-Dichlorobenzene	ND		1000	200	ppb v/v			12/05/25 20:42	1000
1,2-Dichloroethane	ND		1000	80	ppb v/v			12/05/25 20:42	1000
1,2-Dichloropropane	ND		1000	130	ppb v/v			12/05/25 20:42	1000
1,3,5-Trimethylbenzene	**460**	**J**	2000	320	ppb v/v			12/05/25 20:42	1000
1,3-Butadiene	ND		1000	170	ppb v/v			12/05/25 20:42	1000
1,3-Dichlorobenzene	ND		1000	300	ppb v/v			12/05/25 20:42	1000
1,4-Dichlorobenzene	ND		1000	300	ppb v/v			12/05/25 20:42	1000
2-Butanone	ND		1000	210	ppb v/v			12/05/25 20:42	1000
2-Hexanone	ND		2000	500	ppb v/v			12/05/25 20:42	1000
3-Chloroprene	ND		1000	200	ppb v/v			12/05/25 20:42	1000
4-Ethyltoluene	**320**	**J**	1000	180	ppb v/v			12/05/25 20:42	1000
1,4-Dioxane	ND		1000	170	ppb v/v			12/05/25 20:42	1000
4-Methyl-2-pentanone	ND		1000	150	ppb v/v			12/05/25 20:42	1000
Acetone	ND		5000	1000	ppb v/v			12/05/25 20:42	1000
2-Chlorotoluene	ND		1000	220	ppb v/v			12/05/25 20:42	1000
Benzene	**1800**		1000	110	ppb v/v			12/05/25 20:42	1000
Bromodichloromethane	ND		1000	400	ppb v/v			12/05/25 20:42	1000
Bromoform	ND		1000	400	ppb v/v			12/05/25 20:42	1000
Bromomethane	ND		1000	200	ppb v/v			12/05/25 20:42	1000
Carbon disulfide	ND		1000	400	ppb v/v			12/05/25 20:42	1000

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: SVE Combined Influent
Lab Sample ID: 410-254031-2
Date Collected: 11/14/25 12:40
Matrix: Air
Date Received: 11/20/25 17:00
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1000	140	ppb v/v			12/05/25 20:42	1000
Chlorobenzene	ND		1000	130	ppb v/v			12/05/25 20:42	1000
Chloroethane	ND		1000	300	ppb v/v			12/05/25 20:42	1000
Chloroform	ND		1000	92	ppb v/v			12/05/25 20:42	1000
Benzyl chloride	ND		2000	300	ppb v/v			12/05/25 20:42	1000
Chloromethane	ND		1000	400	ppb v/v			12/05/25 20:42	1000
cis-1,2-Dichloroethene	ND		1000	200	ppb v/v			12/05/25 20:42	1000
cis-1,3-Dichloropropene	ND		1000	100	ppb v/v			12/05/25 20:42	1000
Bromoethene	ND		1000	180	ppb v/v			12/05/25 20:42	1000
Dibromochloromethane	ND		1000	400	ppb v/v			12/05/25 20:42	1000
Dichlorodifluoromethane	ND		1000	130	ppb v/v			12/05/25 20:42	1000
Ethylbenzene	**1100**		1000	190	ppb v/v			12/05/25 20:42	1000
Freon 113	ND		1000	200	ppb v/v			12/05/25 20:42	1000
Freon-114	ND		1000	120	ppb v/v			12/05/25 20:42	1000
Heptane	**18000**		1000	230	ppb v/v			12/05/25 20:42	1000
Hexane	**14000**		1000	300	ppb v/v			12/05/25 20:42	1000
Isooctane	**3700**		1000	400	ppb v/v			12/05/25 20:42	1000
m&p-Xylene	**6400**		1000	260	ppb v/v			12/05/25 20:42	1000
Cyclohexane	**23000**		1000	200	ppb v/v			12/05/25 20:42	1000
Methyl t-butyl ether	ND		1000	150	ppb v/v			12/05/25 20:42	1000
Methylene Chloride	ND		2000	250	ppb v/v			12/05/25 20:42	1000
o-Xylene	**310**	**J**	1000	190	ppb v/v			12/05/25 20:42	1000
Styrene	ND		1000	200	ppb v/v			12/05/25 20:42	1000
Ethanol	ND		5000	2000	ppb v/v			12/05/25 20:42	1000
Tetrachloroethene	ND		2000	250	ppb v/v			12/05/25 20:42	1000
Ethyl acetate	ND		2000	250	ppb v/v			12/05/25 20:42	1000
Toluene	ND		1000	400	ppb v/v			12/05/25 20:42	1000
trans-1,2-Dichloroethene	ND		1000	200	ppb v/v			12/05/25 20:42	1000
trans-1,3-Dichloropropene	ND		1000	120	ppb v/v			12/05/25 20:42	1000
Trichloroethene	ND		1000	180	ppb v/v			12/05/25 20:42	1000
Trichlorofluoromethane	ND		1000	150	ppb v/v			12/05/25 20:42	1000
Vinyl chloride	ND		1000	120	ppb v/v			12/05/25 20:42	1000
Hexachlorobutadiene	ND		2000	470	ppb v/v			12/05/25 20:42	1000
Isopropanol	ND		1000	600	ppb v/v			12/05/25 20:42	1000
Methyl methacrylate	ND		1000	150	ppb v/v			12/05/25 20:42	1000
Propene	ND		1000	300	ppb v/v			12/05/25 20:42	1000
tert-Butyl alcohol	ND		1000	210	ppb v/v			12/05/25 20:42	1000
Tetrahydrofuran	ND		1000	240	ppb v/v			12/05/25 20:42	1000
Vinyl acetate	ND		1000	160	ppb v/v			12/05/25 20:42	1000

Method: EPA-18 - Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**1400**		660	120	mg/m3			11/21/25 20:33	200
C1-C10 as methane	**2500**		1300	660	mg/m3			11/21/25 20:33	200

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**2200**		1000	180	ppm v/v			11/21/25 20:33	200
C1-C10 as methane	**3700**		2000	1000	ppm v/v			11/21/25 20:33	200

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: LICC Air
Date Collected: 11/14/25 12:05
Date Received: 11/20/25 17:00
Sample Time: 0 Min

Lab Sample ID: 410-254031-3
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.65	ug/m3			11/24/25 20:41	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.0	ug/m3			11/24/25 20:41	1
1,1,2-Trichloroethane	ND		5.5	0.65	ug/m3			11/24/25 20:41	1
1,1-Dichloroethane	ND		4.0	0.36	ug/m3			11/24/25 20:41	1
1,1-Dichloroethene	ND		4.0	0.56	ug/m3			11/24/25 20:41	1
1,2,4-Trichlorobenzene	ND		15	3.7	ug/m3			11/24/25 20:41	1
1,2,4-Trimethylbenzene	ND		9.8	1.4	ug/m3			11/24/25 20:41	1
1,2-Dibromoethane	ND		7.7	1.0	ug/m3			11/24/25 20:41	1
1,2-Dichlorobenzene	ND		6.0	1.2	ug/m3			11/24/25 20:41	1
1,2-Dichloroethane	ND		4.0	0.32	ug/m3			11/24/25 20:41	1
1,2-Dichloropropane	ND		4.6	0.60	ug/m3			11/24/25 20:41	1
1,3,5-Trimethylbenzene	ND		9.8	1.6	ug/m3			11/24/25 20:41	1
1,3-Butadiene	ND		2.2	0.38	ug/m3			11/24/25 20:41	1
1,3-Dichlorobenzene	ND		6.0	1.8	ug/m3			11/24/25 20:41	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/m3			11/24/25 20:41	1
2-Butanone	**1.3**	**J**	2.9	0.62	ug/m3			11/24/25 20:41	1
2-Hexanone	ND		8.2	2.0	ug/m3			11/24/25 20:41	1
3-Chloroprene	ND		3.1	0.63	ug/m3			11/24/25 20:41	1
4-Ethyltoluene	ND		4.9	0.88	ug/m3			11/24/25 20:41	1
1,4-Dioxane	ND		3.6	0.61	ug/m3			11/24/25 20:41	1
4-Methyl-2-pentanone	ND		4.1	0.61	ug/m3			11/24/25 20:41	1
Acetone	**5.0**	**J**	12	2.4	ug/m3			11/24/25 20:41	1
2-Chlorotoluene	ND		5.2	1.1	ug/m3			11/24/25 20:41	1
Benzene	**0.37**	**J**	3.2	0.35	ug/m3			11/24/25 20:41	1
Bromodichloromethane	ND		6.7	2.7	ug/m3			11/24/25 20:41	1
Bromoform	ND		10	4.1	ug/m3			11/24/25 20:41	1
Bromomethane	ND		3.9	0.78	ug/m3			11/24/25 20:41	1
Carbon disulfide	ND		3.1	1.2	ug/m3			11/24/25 20:41	1
Carbon tetrachloride	ND		6.3	0.88	ug/m3			11/24/25 20:41	1
Chlorobenzene	ND		4.6	0.60	ug/m3			11/24/25 20:41	1
Chloroethane	ND		2.6	0.79	ug/m3			11/24/25 20:41	1
Chloroform	ND		4.9	0.45	ug/m3			11/24/25 20:41	1
Benzyl chloride	ND		10	1.6	ug/m3			11/24/25 20:41	1
Chloromethane	ND		2.1	0.83	ug/m3			11/24/25 20:41	1
cis-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			11/24/25 20:41	1
cis-1,3-Dichloropropene	ND		4.5	0.45	ug/m3			11/24/25 20:41	1
Bromoethene	ND		4.4	0.79	ug/m3			11/24/25 20:41	1
Dibromochloromethane	ND		8.5	3.4	ug/m3			11/24/25 20:41	1
Dichlorodifluoromethane	**1.9**	**J**	4.9	0.64	ug/m3			11/24/25 20:41	1
Ethylbenzene	ND		4.3	0.83	ug/m3			11/24/25 20:41	1
Freon 113	ND		7.7	1.5	ug/m3			11/24/25 20:41	1
Freon-114	ND		7.0	0.84	ug/m3			11/24/25 20:41	1
Heptane	ND		4.1	0.94	ug/m3			11/24/25 20:41	1
Hexane	ND		3.5	1.1	ug/m3			11/24/25 20:41	1
Isooctane	ND		4.7	1.9	ug/m3			11/24/25 20:41	1
m&p-Xylene	**1.1**	**J**	4.3	1.1	ug/m3			11/24/25 20:41	1
Cyclohexane	ND		3.4	0.69	ug/m3			11/24/25 20:41	1
Methyl t-butyl ether	ND		3.6	0.54	ug/m3			11/24/25 20:41	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: LICC Air
Date Collected: 11/14/25 12:05
Date Received: 11/20/25 17:00
Sample Time: 0 Min

Lab Sample ID: 410-254031-3
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		6.9	0.87	ug/m3			11/24/25 20:41	1
o-Xylene	ND		4.3	0.83	ug/m3			11/24/25 20:41	1
Styrene	ND		4.3	0.85	ug/m3			11/24/25 20:41	1
Ethanol	**7.6**	**J**	9.4	3.8	ug/m3			11/24/25 20:41	1
Tetrachloroethene	**4.1**	**J**	14	1.7	ug/m3			11/24/25 20:41	1
Ethyl acetate	ND		7.2	0.90	ug/m3			11/24/25 20:41	1
Toluene	**1.5**	**J**	3.8	1.5	ug/m3			11/24/25 20:41	1
trans-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			11/24/25 20:41	1
trans-1,3-Dichloropropene	ND		4.5	0.54	ug/m3			11/24/25 20:41	1
Trichloroethene	ND		5.4	0.97	ug/m3			11/24/25 20:41	1
Trichlorofluoromethane	**1.0**	**J**	5.6	0.84	ug/m3			11/24/25 20:41	1
Vinyl chloride	ND		2.6	0.31	ug/m3			11/24/25 20:41	1
Hexachlorobutadiene	ND		21	5.0	ug/m3			11/24/25 20:41	1
Isopropanol	ND		2.5	1.5	ug/m3			11/24/25 20:41	1
Methyl methacrylate	ND		4.1	0.61	ug/m3			11/24/25 20:41	1
Propene	**0.77**	**J**	1.7	0.52	ug/m3			11/24/25 20:41	1
tert-Butyl alcohol	ND		3.0	0.64	ug/m3			11/24/25 20:41	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			11/24/25 20:41	1
Vinyl acetate	ND		3.5	0.56	ug/m3			11/24/25 20:41	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.12	ppb v/v			11/24/25 20:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ppb v/v			11/24/25 20:41	1
1,1,2-Trichloroethane	ND		1.0	0.12	ppb v/v			11/24/25 20:41	1
1,1-Dichloroethane	ND		1.0	0.089	ppb v/v			11/24/25 20:41	1
1,1-Dichloroethene	ND		1.0	0.14	ppb v/v			11/24/25 20:41	1
1,2,4-Trichlorobenzene	ND		2.0	0.50	ppb v/v			11/24/25 20:41	1
1,2,4-Trimethylbenzene	ND		2.0	0.28	ppb v/v			11/24/25 20:41	1
1,2-Dibromoethane	ND		1.0	0.13	ppb v/v			11/24/25 20:41	1
1,2-Dichlorobenzene	ND		1.0	0.20	ppb v/v			11/24/25 20:41	1
1,2-Dichloroethane	ND		1.0	0.080	ppb v/v			11/24/25 20:41	1
1,2-Dichloropropane	ND		1.0	0.13	ppb v/v			11/24/25 20:41	1
1,3,5-Trimethylbenzene	ND		2.0	0.32	ppb v/v			11/24/25 20:41	1
1,3-Butadiene	ND		1.0	0.17	ppb v/v			11/24/25 20:41	1
1,3-Dichlorobenzene	ND		1.0	0.30	ppb v/v			11/24/25 20:41	1
1,4-Dichlorobenzene	ND		1.0	0.30	ppb v/v			11/24/25 20:41	1
2-Butanone	**0.43**	**J**	1.0	0.21	ppb v/v			11/24/25 20:41	1
2-Hexanone	ND		2.0	0.50	ppb v/v			11/24/25 20:41	1
3-Chloroprene	ND		1.0	0.20	ppb v/v			11/24/25 20:41	1
4-Ethyltoluene	ND		1.0	0.18	ppb v/v			11/24/25 20:41	1
1,4-Dioxane	ND		1.0	0.17	ppb v/v			11/24/25 20:41	1
4-Methyl-2-pentanone	ND		1.0	0.15	ppb v/v			11/24/25 20:41	1
Acetone	**2.1**	**J**	5.0	1.0	ppb v/v			11/24/25 20:41	1
2-Chlorotoluene	ND		1.0	0.22	ppb v/v			11/24/25 20:41	1
Benzene	**0.12**	**J**	1.0	0.11	ppb v/v			11/24/25 20:41	1
Bromodichloromethane	ND		1.0	0.40	ppb v/v			11/24/25 20:41	1
Bromoform	ND		1.0	0.40	ppb v/v			11/24/25 20:41	1
Bromomethane	ND		1.0	0.20	ppb v/v			11/24/25 20:41	1
Carbon disulfide	ND		1.0	0.40	ppb v/v			11/24/25 20:41	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: LICC Air
Date Collected: 11/14/25 12:05
Date Received: 11/20/25 17:00
Sample Time: 0 Min

Lab Sample ID: 410-254031-3
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.14	ppb v/v			11/24/25 20:41	1
Chlorobenzene	ND		1.0	0.13	ppb v/v			11/24/25 20:41	1
Chloroethane	ND		1.0	0.30	ppb v/v			11/24/25 20:41	1
Chloroform	ND		1.0	0.092	ppb v/v			11/24/25 20:41	1
Benzyl chloride	ND		2.0	0.30	ppb v/v			11/24/25 20:41	1
Chloromethane	ND		1.0	0.40	ppb v/v			11/24/25 20:41	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			11/24/25 20:41	1
cis-1,3-Dichloropropene	ND		1.0	0.10	ppb v/v			11/24/25 20:41	1
Bromoethene	ND		1.0	0.18	ppb v/v			11/24/25 20:41	1
Dibromochloromethane	ND		1.0	0.40	ppb v/v			11/24/25 20:41	1
Dichlorodifluoromethane	**0.38**	**J**	1.0	0.13	ppb v/v			11/24/25 20:41	1
Ethylbenzene	ND		1.0	0.19	ppb v/v			11/24/25 20:41	1
Freon 113	ND		1.0	0.20	ppb v/v			11/24/25 20:41	1
Freon-114	ND		1.0	0.12	ppb v/v			11/24/25 20:41	1
Heptane	ND		1.0	0.23	ppb v/v			11/24/25 20:41	1
Hexane	ND		1.0	0.30	ppb v/v			11/24/25 20:41	1
Isooctane	ND		1.0	0.40	ppb v/v			11/24/25 20:41	1
m&p-Xylene	**0.25**	**J**	1.0	0.26	ppb v/v			11/24/25 20:41	1
Cyclohexane	ND		1.0	0.20	ppb v/v			11/24/25 20:41	1
Methyl t-butyl ether	ND		1.0	0.15	ppb v/v			11/24/25 20:41	1
Methylene Chloride	ND		2.0	0.25	ppb v/v			11/24/25 20:41	1
o-Xylene	ND		1.0	0.19	ppb v/v			11/24/25 20:41	1
Styrene	ND		1.0	0.20	ppb v/v			11/24/25 20:41	1
Ethanol	**4.0**	**J**	5.0	2.0	ppb v/v			11/24/25 20:41	1
Tetrachloroethene	**0.60**	**J**	2.0	0.25	ppb v/v			11/24/25 20:41	1
Ethyl acetate	ND		2.0	0.25	ppb v/v			11/24/25 20:41	1
Toluene	**0.41**	**J**	1.0	0.40	ppb v/v			11/24/25 20:41	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			11/24/25 20:41	1
trans-1,3-Dichloropropene	ND		1.0	0.12	ppb v/v			11/24/25 20:41	1
Trichloroethene	ND		1.0	0.18	ppb v/v			11/24/25 20:41	1
Trichlorofluoromethane	**0.18**	**J**	1.0	0.15	ppb v/v			11/24/25 20:41	1
Vinyl chloride	ND		1.0	0.12	ppb v/v			11/24/25 20:41	1
Hexachlorobutadiene	ND		2.0	0.47	ppb v/v			11/24/25 20:41	1
Isopropanol	ND		1.0	0.60	ppb v/v			11/24/25 20:41	1
Methyl methacrylate	ND		1.0	0.15	ppb v/v			11/24/25 20:41	1
Propene	**0.45**	**J**	1.0	0.30	ppb v/v			11/24/25 20:41	1
tert-Butyl alcohol	ND		1.0	0.21	ppb v/v			11/24/25 20:41	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			11/24/25 20:41	1
Vinyl acetate	ND		1.0	0.16	ppb v/v			11/24/25 20:41	1

Method: EPA-18 - Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**1.3**	**J**	6.6	1.2	mg/m3			11/21/25 21:01	2
C1-C10 as methane	ND		13	6.6	mg/m3			11/21/25 21:01	2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**1.9**	**J**	10	1.8	ppm v/v			11/21/25 21:01	2
C1-C10 as methane	ND		20	10	ppm v/v			11/21/25 21:01	2

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: ORS AS Influent
Date Collected: 11/14/25 12:42
Date Received: 11/20/25 17:00
Sample Time: 0 Min

Lab Sample ID: 410-254031-4
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		55	6.5	ug/m3			12/05/25 20:21	10
1,1,2,2-Tetrachloroethane	ND		69	10	ug/m3			12/05/25 20:21	10
1,1,2-Trichloroethane	ND		55	6.5	ug/m3			12/05/25 20:21	10
1,1-Dichloroethane	ND		40	3.6	ug/m3			12/05/25 20:21	10
1,1-Dichloroethene	**6.4**	**J**	40	5.6	ug/m3			12/05/25 20:21	10
1,2,4-Trichlorobenzene	ND		150	37	ug/m3			12/05/25 20:21	10
1,2,4-Trimethylbenzene	ND		98	14	ug/m3			12/05/25 20:21	10
1,2-Dibromoethane	ND		77	10	ug/m3			12/05/25 20:21	10
1,2-Dichlorobenzene	ND		60	12	ug/m3			12/05/25 20:21	10
1,2-Dichloroethane	**48**		40	3.2	ug/m3			12/05/25 20:21	10
1,2-Dichloropropane	ND		46	6.0	ug/m3			12/05/25 20:21	10
1,3,5-Trimethylbenzene	ND		98	16	ug/m3			12/05/25 20:21	10
1,3-Butadiene	ND		22	3.8	ug/m3			12/05/25 20:21	10
1,3-Dichlorobenzene	ND		60	18	ug/m3			12/05/25 20:21	10
1,4-Dichlorobenzene	ND		60	18	ug/m3			12/05/25 20:21	10
2-Butanone	ND		29	6.2	ug/m3			12/05/25 20:21	10
2-Hexanone	ND		82	20	ug/m3			12/05/25 20:21	10
3-Chloroprene	ND		31	6.3	ug/m3			12/05/25 20:21	10
4-Ethyltoluene	ND		49	8.8	ug/m3			12/05/25 20:21	10
1,4-Dioxane	ND		36	6.1	ug/m3			12/05/25 20:21	10
4-Methyl-2-pentanone	ND		41	6.1	ug/m3			12/05/25 20:21	10
Acetone	ND		120	24	ug/m3			12/05/25 20:21	10
2-Chlorotoluene	ND		52	11	ug/m3			12/05/25 20:21	10
Benzene	**590**		32	3.5	ug/m3			12/05/25 20:21	10
Bromodichloromethane	ND		67	27	ug/m3			12/05/25 20:21	10
Bromoform	ND		100	41	ug/m3			12/05/25 20:21	10
Bromomethane	ND		39	7.8	ug/m3			12/05/25 20:21	10
Carbon disulfide	ND		31	12	ug/m3			12/05/25 20:21	10
Carbon tetrachloride	ND		63	8.8	ug/m3			12/05/25 20:21	10
Chlorobenzene	ND		46	6.0	ug/m3			12/05/25 20:21	10
Chloroethane	ND		26	7.9	ug/m3			12/05/25 20:21	10
Chloroform	ND		49	4.5	ug/m3			12/05/25 20:21	10
Benzyl chloride	ND		100	16	ug/m3			12/05/25 20:21	10
Chloromethane	ND		21	8.3	ug/m3			12/05/25 20:21	10
cis-1,2-Dichloroethene	**380**		40	7.9	ug/m3			12/05/25 20:21	10
cis-1,3-Dichloropropene	ND		45	4.5	ug/m3			12/05/25 20:21	10
Bromoethene	ND		44	7.9	ug/m3			12/05/25 20:21	10
Dibromochloromethane	ND		85	34	ug/m3			12/05/25 20:21	10
Dichlorodifluoromethane	ND		49	6.4	ug/m3			12/05/25 20:21	10
Ethylbenzene	**31**	**J**	43	8.3	ug/m3			12/05/25 20:21	10
Freon 113	ND		77	15	ug/m3			12/05/25 20:21	10
Freon-114	ND		70	8.4	ug/m3			12/05/25 20:21	10
Heptane	**61**		41	9.4	ug/m3			12/05/25 20:21	10
Hexane	**120**		35	11	ug/m3			12/05/25 20:21	10
Isooctane	**30**	**J**	47	19	ug/m3			12/05/25 20:21	10
m&p-Xylene	**62**		43	11	ug/m3			12/05/25 20:21	10
Cyclohexane	**580**		34	6.9	ug/m3			12/05/25 20:21	10
Methyl t-butyl ether	**53**		36	5.4	ug/m3			12/05/25 20:21	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: ORS AS Influent
Date Collected: 11/14/25 12:42
Date Received: 11/20/25 17:00
Sample Time: 0 Min

Lab Sample ID: 410-254031-4
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		69	8.7	ug/m3			12/05/25 20:21	10
o-Xylene	ND		43	8.3	ug/m3			12/05/25 20:21	10
Styrene	ND		43	8.5	ug/m3			12/05/25 20:21	10
Ethanol	ND		94	38	ug/m3			12/05/25 20:21	10
Tetrachloroethene	**1100**		140	17	ug/m3			12/05/25 20:21	10
Ethyl acetate	ND		72	9.0	ug/m3			12/05/25 20:21	10
Toluene	**26**	**J**	38	15	ug/m3			12/05/25 20:21	10
trans-1,2-Dichloroethene	**10**	**J**	40	7.9	ug/m3			12/05/25 20:21	10
trans-1,3-Dichloropropene	ND		45	5.4	ug/m3			12/05/25 20:21	10
Trichloroethene	**1300**		54	9.7	ug/m3			12/05/25 20:21	10
Trichlorofluoromethane	ND		56	8.4	ug/m3			12/05/25 20:21	10
Vinyl chloride	**26**		26	3.1	ug/m3			12/05/25 20:21	10
Hexachlorobutadiene	ND		210	50	ug/m3			12/05/25 20:21	10
Isopropanol	ND		25	15	ug/m3			12/05/25 20:21	10
Methyl methacrylate	ND		41	6.1	ug/m3			12/05/25 20:21	10
Propene	ND		17	5.2	ug/m3			12/05/25 20:21	10
tert-Butyl alcohol	ND		30	6.4	ug/m3			12/05/25 20:21	10
Tetrahydrofuran	ND		29	7.1	ug/m3			12/05/25 20:21	10
Vinyl acetate	ND		35	5.6	ug/m3			12/05/25 20:21	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	1.2	ppb v/v			12/05/25 20:21	10
1,1,2,2-Tetrachloroethane	ND		10	1.5	ppb v/v			12/05/25 20:21	10
1,1,2-Trichloroethane	ND		10	1.2	ppb v/v			12/05/25 20:21	10
1,1-Dichloroethane	ND		10	0.89	ppb v/v			12/05/25 20:21	10
1,1-Dichloroethene	**1.6**	**J**	10	1.4	ppb v/v			12/05/25 20:21	10
1,2,4-Trichlorobenzene	ND		20	5.0	ppb v/v			12/05/25 20:21	10
1,2,4-Trimethylbenzene	ND		20	2.8	ppb v/v			12/05/25 20:21	10
1,2-Dibromoethane	ND		10	1.3	ppb v/v			12/05/25 20:21	10
1,2-Dichlorobenzene	ND		10	2.0	ppb v/v			12/05/25 20:21	10
1,2-Dichloroethane	**12**		10	0.80	ppb v/v			12/05/25 20:21	10
1,2-Dichloropropane	ND		10	1.3	ppb v/v			12/05/25 20:21	10
1,3,5-Trimethylbenzene	ND		20	3.2	ppb v/v			12/05/25 20:21	10
1,3-Butadiene	ND		10	1.7	ppb v/v			12/05/25 20:21	10
1,3-Dichlorobenzene	ND		10	3.0	ppb v/v			12/05/25 20:21	10
1,4-Dichlorobenzene	ND		10	3.0	ppb v/v			12/05/25 20:21	10
2-Butanone	ND		10	2.1	ppb v/v			12/05/25 20:21	10
2-Hexanone	ND		20	5.0	ppb v/v			12/05/25 20:21	10
3-Chloroprene	ND		10	2.0	ppb v/v			12/05/25 20:21	10
4-Ethyltoluene	ND		10	1.8	ppb v/v			12/05/25 20:21	10
1,4-Dioxane	ND		10	1.7	ppb v/v			12/05/25 20:21	10
4-Methyl-2-pentanone	ND		10	1.5	ppb v/v			12/05/25 20:21	10
Acetone	ND		50	10	ppb v/v			12/05/25 20:21	10
2-Chlorotoluene	ND		10	2.2	ppb v/v			12/05/25 20:21	10
Benzene	**190**		10	1.1	ppb v/v			12/05/25 20:21	10
Bromodichloromethane	ND		10	4.0	ppb v/v			12/05/25 20:21	10
Bromoform	ND		10	4.0	ppb v/v			12/05/25 20:21	10
Bromomethane	ND		10	2.0	ppb v/v			12/05/25 20:21	10
Carbon disulfide	ND		10	4.0	ppb v/v			12/05/25 20:21	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: ORS AS Influent
Date Collected: 11/14/25 12:42
Date Received: 11/20/25 17:00
Sample Time: 0 Min

Lab Sample ID: 410-254031-4
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		10	1.4	ppb v/v			12/05/25 20:21	10
Chlorobenzene	ND		10	1.3	ppb v/v			12/05/25 20:21	10
Chloroethane	ND		10	3.0	ppb v/v			12/05/25 20:21	10
Chloroform	ND		10	0.92	ppb v/v			12/05/25 20:21	10
Benzyl chloride	ND		20	3.0	ppb v/v			12/05/25 20:21	10
Chloromethane	ND		10	4.0	ppb v/v			12/05/25 20:21	10
cis-1,2-Dichloroethene	**95**		10	2.0	ppb v/v			12/05/25 20:21	10
cis-1,3-Dichloropropene	ND		10	1.0	ppb v/v			12/05/25 20:21	10
Bromoethene	ND		10	1.8	ppb v/v			12/05/25 20:21	10
Dibromochloromethane	ND		10	4.0	ppb v/v			12/05/25 20:21	10
Dichlorodifluoromethane	ND		10	1.3	ppb v/v			12/05/25 20:21	10
Ethylbenzene	**7.1**	**J**	10	1.9	ppb v/v			12/05/25 20:21	10
Freon 113	ND		10	2.0	ppb v/v			12/05/25 20:21	10
Freon-114	ND		10	1.2	ppb v/v			12/05/25 20:21	10
Heptane	**15**		10	2.3	ppb v/v			12/05/25 20:21	10
Hexane	**33**		10	3.0	ppb v/v			12/05/25 20:21	10
Isooctane	**6.4**	**J**	10	4.0	ppb v/v			12/05/25 20:21	10
m&p-Xylene	**14**		10	2.6	ppb v/v			12/05/25 20:21	10
Cyclohexane	**170**		10	2.0	ppb v/v			12/05/25 20:21	10
Methyl t-butyl ether	**15**		10	1.5	ppb v/v			12/05/25 20:21	10
Methylene Chloride	ND		20	2.5	ppb v/v			12/05/25 20:21	10
o-Xylene	ND		10	1.9	ppb v/v			12/05/25 20:21	10
Styrene	ND		10	2.0	ppb v/v			12/05/25 20:21	10
Ethanol	ND		50	20	ppb v/v			12/05/25 20:21	10
Tetrachloroethene	**170**		20	2.5	ppb v/v			12/05/25 20:21	10
Ethyl acetate	ND		20	2.5	ppb v/v			12/05/25 20:21	10
Toluene	**6.9**	**J**	10	4.0	ppb v/v			12/05/25 20:21	10
trans-1,2-Dichloroethene	**2.5**	**J**	10	2.0	ppb v/v			12/05/25 20:21	10
trans-1,3-Dichloropropene	ND		10	1.2	ppb v/v			12/05/25 20:21	10
Trichloroethene	**240**		10	1.8	ppb v/v			12/05/25 20:21	10
Trichlorofluoromethane	ND		10	1.5	ppb v/v			12/05/25 20:21	10
Vinyl chloride	**10**		10	1.2	ppb v/v			12/05/25 20:21	10
Hexachlorobutadiene	ND		20	4.7	ppb v/v			12/05/25 20:21	10
Isopropanol	ND		10	6.0	ppb v/v			12/05/25 20:21	10
Methyl methacrylate	ND		10	1.5	ppb v/v			12/05/25 20:21	10
Propene	ND		10	3.0	ppb v/v			12/05/25 20:21	10
tert-Butyl alcohol	ND		10	2.1	ppb v/v			12/05/25 20:21	10
Tetrahydrofuran	ND		10	2.4	ppb v/v			12/05/25 20:21	10
Vinyl acetate	ND		10	1.6	ppb v/v			12/05/25 20:21	10

Method: EPA-18 - Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**21**		6.6	1.2	mg/m3			11/21/25 21:29	2
C1-C10 as methane	**29**		13	6.6	mg/m3			11/21/25 21:29	2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**32**		10	1.8	ppm v/v			11/21/25 21:29	2
C1-C10 as methane	**45**		20	10	ppm v/v			11/21/25 21:29	2

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: SVE Influent
Date Collected: 11/14/25 12:36
Date Received: 11/20/25 17:00
Sample Time: 0 Min

Lab Sample ID: 410-254031-5
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5500	650	ug/m3			12/05/25 21:04	1000
1,1,2,2-Tetrachloroethane	ND		6900	1000	ug/m3			12/05/25 21:04	1000
1,1,2-Trichloroethane	ND		5500	650	ug/m3			12/05/25 21:04	1000
1,1-Dichloroethane	ND		4000	360	ug/m3			12/05/25 21:04	1000
1,1-Dichloroethene	ND		4000	560	ug/m3			12/05/25 21:04	1000
1,2,4-Trichlorobenzene	ND		15000	3700	ug/m3			12/05/25 21:04	1000
1,2,4-Trimethylbenzene	**2800**	**J**	9800	1400	ug/m3			12/05/25 21:04	1000
1,2-Dibromoethane	ND		7700	1000	ug/m3			12/05/25 21:04	1000
1,2-Dichlorobenzene	ND		6000	1200	ug/m3			12/05/25 21:04	1000
1,2-Dichloroethane	ND		4000	320	ug/m3			12/05/25 21:04	1000
1,2-Dichloropropane	ND		4600	600	ug/m3			12/05/25 21:04	1000
1,3,5-Trimethylbenzene	ND		9800	1600	ug/m3			12/05/25 21:04	1000
1,3-Butadiene	ND		2200	380	ug/m3			12/05/25 21:04	1000
1,3-Dichlorobenzene	ND		6000	1800	ug/m3			12/05/25 21:04	1000
1,4-Dichlorobenzene	ND		6000	1800	ug/m3			12/05/25 21:04	1000
2-Butanone	ND		2900	620	ug/m3			12/05/25 21:04	1000
2-Hexanone	ND		8200	2000	ug/m3			12/05/25 21:04	1000
3-Chloroprene	ND		3100	630	ug/m3			12/05/25 21:04	1000
4-Ethyltoluene	**1000**	**J**	4900	880	ug/m3			12/05/25 21:04	1000
1,4-Dioxane	ND		3600	610	ug/m3			12/05/25 21:04	1000
4-Methyl-2-pentanone	ND		4100	610	ug/m3			12/05/25 21:04	1000
Acetone	ND		12000	2400	ug/m3			12/05/25 21:04	1000
2-Chlorotoluene	ND		5200	1100	ug/m3			12/05/25 21:04	1000
Benzene	**6800**		3200	350	ug/m3			12/05/25 21:04	1000
Bromodichloromethane	ND		6700	2700	ug/m3			12/05/25 21:04	1000
Bromoform	ND		10000	4100	ug/m3			12/05/25 21:04	1000
Bromomethane	ND		3900	780	ug/m3			12/05/25 21:04	1000
Carbon disulfide	ND		3100	1200	ug/m3			12/05/25 21:04	1000
Carbon tetrachloride	ND		6300	880	ug/m3			12/05/25 21:04	1000
Chlorobenzene	ND		4600	600	ug/m3			12/05/25 21:04	1000
Chloroethane	ND		2600	790	ug/m3			12/05/25 21:04	1000
Chloroform	ND		4900	450	ug/m3			12/05/25 21:04	1000
Benzyl chloride	ND		10000	1600	ug/m3			12/05/25 21:04	1000
Chloromethane	ND		2100	830	ug/m3			12/05/25 21:04	1000
cis-1,2-Dichloroethene	ND		4000	790	ug/m3			12/05/25 21:04	1000
cis-1,3-Dichloropropene	ND		4500	450	ug/m3			12/05/25 21:04	1000
Bromoethene	ND		4400	790	ug/m3			12/05/25 21:04	1000
Dibromochloromethane	ND		8500	3400	ug/m3			12/05/25 21:04	1000
Dichlorodifluoromethane	ND		4900	640	ug/m3			12/05/25 21:04	1000
Ethylbenzene	**4400**		4300	830	ug/m3			12/05/25 21:04	1000
Freon 113	ND		7700	1500	ug/m3			12/05/25 21:04	1000
Freon-114	ND		7000	840	ug/m3			12/05/25 21:04	1000
Heptane	**85000**		4100	940	ug/m3			12/05/25 21:04	1000
Hexane	**60000**		3500	1100	ug/m3			12/05/25 21:04	1000
Isooctane	**20000**		4700	1900	ug/m3			12/05/25 21:04	1000
m&p-Xylene	**25000**		4300	1100	ug/m3			12/05/25 21:04	1000
Cyclohexane	**94000**		3400	690	ug/m3			12/05/25 21:04	1000
Methyl t-butyl ether	ND		3600	540	ug/m3			12/05/25 21:04	1000

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: SVE Influent
Date Collected: 11/14/25 12:36
Date Received: 11/20/25 17:00
Sample Time: 0 Min

Lab Sample ID: 410-254031-5
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		6900	870	ug/m3			12/05/25 21:04	1000
o-Xylene	**1300**	**J**	4300	830	ug/m3			12/05/25 21:04	1000
Styrene	ND		4300	850	ug/m3			12/05/25 21:04	1000
Ethanol	ND		9400	3800	ug/m3			12/05/25 21:04	1000
Tetrachloroethene	ND		14000	1700	ug/m3			12/05/25 21:04	1000
Ethyl acetate	ND		7200	900	ug/m3			12/05/25 21:04	1000
Toluene	ND		3800	1500	ug/m3			12/05/25 21:04	1000
trans-1,2-Dichloroethene	ND		4000	790	ug/m3			12/05/25 21:04	1000
trans-1,3-Dichloropropene	ND		4500	540	ug/m3			12/05/25 21:04	1000
Trichloroethene	ND		5400	970	ug/m3			12/05/25 21:04	1000
Trichlorofluoromethane	ND		5600	840	ug/m3			12/05/25 21:04	1000
Vinyl chloride	ND		2600	310	ug/m3			12/05/25 21:04	1000
Hexachlorobutadiene	ND		21000	5000	ug/m3			12/05/25 21:04	1000
Isopropanol	ND		2500	1500	ug/m3			12/05/25 21:04	1000
Methyl methacrylate	ND		4100	610	ug/m3			12/05/25 21:04	1000
Propene	ND		1700	520	ug/m3			12/05/25 21:04	1000
tert-Butyl alcohol	ND		3000	640	ug/m3			12/05/25 21:04	1000
Tetrahydrofuran	ND		2900	710	ug/m3			12/05/25 21:04	1000
Vinyl acetate	ND		3500	560	ug/m3			12/05/25 21:04	1000

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1000	120	ppb v/v			12/05/25 21:04	1000
1,1,2,2-Tetrachloroethane	ND		1000	150	ppb v/v			12/05/25 21:04	1000
1,1,2-Trichloroethane	ND		1000	120	ppb v/v			12/05/25 21:04	1000
1,1-Dichloroethane	ND		1000	89	ppb v/v			12/05/25 21:04	1000
1,1-Dichloroethene	ND		1000	140	ppb v/v			12/05/25 21:04	1000
1,2,4-Trichlorobenzene	ND		2000	500	ppb v/v			12/05/25 21:04	1000
1,2,4-Trimethylbenzene	**560**	**J**	2000	280	ppb v/v			12/05/25 21:04	1000
1,2-Dibromoethane	ND		1000	130	ppb v/v			12/05/25 21:04	1000
1,2-Dichlorobenzene	ND		1000	200	ppb v/v			12/05/25 21:04	1000
1,2-Dichloroethane	ND		1000	80	ppb v/v			12/05/25 21:04	1000
1,2-Dichloropropane	ND		1000	130	ppb v/v			12/05/25 21:04	1000
1,3,5-Trimethylbenzene	ND		2000	320	ppb v/v			12/05/25 21:04	1000
1,3-Butadiene	ND		1000	170	ppb v/v			12/05/25 21:04	1000
1,3-Dichlorobenzene	ND		1000	300	ppb v/v			12/05/25 21:04	1000
1,4-Dichlorobenzene	ND		1000	300	ppb v/v			12/05/25 21:04	1000
2-Butanone	ND		1000	210	ppb v/v			12/05/25 21:04	1000
2-Hexanone	ND		2000	500	ppb v/v			12/05/25 21:04	1000
3-Chloroprene	ND		1000	200	ppb v/v			12/05/25 21:04	1000
4-Ethyltoluene	**210**	**J**	1000	180	ppb v/v			12/05/25 21:04	1000
1,4-Dioxane	ND		1000	170	ppb v/v			12/05/25 21:04	1000
4-Methyl-2-pentanone	ND		1000	150	ppb v/v			12/05/25 21:04	1000
Acetone	ND		5000	1000	ppb v/v			12/05/25 21:04	1000
2-Chlorotoluene	ND		1000	220	ppb v/v			12/05/25 21:04	1000
Benzene	**2100**		1000	110	ppb v/v			12/05/25 21:04	1000
Bromodichloromethane	ND		1000	400	ppb v/v			12/05/25 21:04	1000
Bromoform	ND		1000	400	ppb v/v			12/05/25 21:04	1000
Bromomethane	ND		1000	200	ppb v/v			12/05/25 21:04	1000
Carbon disulfide	ND		1000	400	ppb v/v			12/05/25 21:04	1000

Client Sample ID: SVE Influent
Date Collected: 11/14/25 12:36
Date Received: 11/20/25 17:00
Sample Time: 0 Min

Lab Sample ID: 410-254031-5
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1000	140	ppb v/v			12/05/25 21:04	1000
Chlorobenzene	ND		1000	130	ppb v/v			12/05/25 21:04	1000
Chloroethane	ND		1000	300	ppb v/v			12/05/25 21:04	1000
Chloroform	ND		1000	92	ppb v/v			12/05/25 21:04	1000
Benzyl chloride	ND		2000	300	ppb v/v			12/05/25 21:04	1000
Chloromethane	ND		1000	400	ppb v/v			12/05/25 21:04	1000
cis-1,2-Dichloroethene	ND		1000	200	ppb v/v			12/05/25 21:04	1000
cis-1,3-Dichloropropene	ND		1000	100	ppb v/v			12/05/25 21:04	1000
Bromoethene	ND		1000	180	ppb v/v			12/05/25 21:04	1000
Dibromochloromethane	ND		1000	400	ppb v/v			12/05/25 21:04	1000
Dichlorodifluoromethane	ND		1000	130	ppb v/v			12/05/25 21:04	1000
Ethylbenzene	**1000**		1000	190	ppb v/v			12/05/25 21:04	1000
Freon 113	ND		1000	200	ppb v/v			12/05/25 21:04	1000
Freon-114	ND		1000	120	ppb v/v			12/05/25 21:04	1000
Heptane	**21000**		1000	230	ppb v/v			12/05/25 21:04	1000
Hexane	**17000**		1000	300	ppb v/v			12/05/25 21:04	1000
Isooctane	**4300**		1000	400	ppb v/v			12/05/25 21:04	1000
m&p-Xylene	**5800**		1000	260	ppb v/v			12/05/25 21:04	1000
Cyclohexane	**27000**		1000	200	ppb v/v			12/05/25 21:04	1000
Methyl t-butyl ether	ND		1000	150	ppb v/v			12/05/25 21:04	1000
Methylene Chloride	ND		2000	250	ppb v/v			12/05/25 21:04	1000
o-Xylene	**290**	**J**	1000	190	ppb v/v			12/05/25 21:04	1000
Styrene	ND		1000	200	ppb v/v			12/05/25 21:04	1000
Ethanol	ND		5000	2000	ppb v/v			12/05/25 21:04	1000
Tetrachloroethene	ND		2000	250	ppb v/v			12/05/25 21:04	1000
Ethyl acetate	ND		2000	250	ppb v/v			12/05/25 21:04	1000
Toluene	ND		1000	400	ppb v/v			12/05/25 21:04	1000
trans-1,2-Dichloroethene	ND		1000	200	ppb v/v			12/05/25 21:04	1000
trans-1,3-Dichloropropene	ND		1000	120	ppb v/v			12/05/25 21:04	1000
Trichloroethene	ND		1000	180	ppb v/v			12/05/25 21:04	1000
Trichlorofluoromethane	ND		1000	150	ppb v/v			12/05/25 21:04	1000
Vinyl chloride	ND		1000	120	ppb v/v			12/05/25 21:04	1000
Hexachlorobutadiene	ND		2000	470	ppb v/v			12/05/25 21:04	1000
Isopropanol	ND		1000	600	ppb v/v			12/05/25 21:04	1000
Methyl methacrylate	ND		1000	150	ppb v/v			12/05/25 21:04	1000
Propene	ND		1000	300	ppb v/v			12/05/25 21:04	1000
tert-Butyl alcohol	ND		1000	210	ppb v/v			12/05/25 21:04	1000
Tetrahydrofuran	ND		1000	240	ppb v/v			12/05/25 21:04	1000
Vinyl acetate	ND		1000	160	ppb v/v			12/05/25 21:04	1000

Method: EPA-18 - Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**1300**		130	24	mg/m3			11/21/25 21:58	40
C1-C10 as methane	**2400**		260	130	mg/m3			11/21/25 21:58	40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**2000**		200	36	ppm v/v			11/21/25 21:58	40
C1-C10 as methane	**3600**		400	200	ppm v/v			11/21/25 21:58	40

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 410-734732/7
Matrix: Air
Analysis Batch: 734732

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.65	ug/m3			11/24/25 15:33	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.0	ug/m3			11/24/25 15:33	1
1,1,2-Trichloroethane	ND		5.5	0.65	ug/m3			11/24/25 15:33	1
1,1-Dichloroethane	ND		4.0	0.36	ug/m3			11/24/25 15:33	1
1,1-Dichloroethene	ND		4.0	0.56	ug/m3			11/24/25 15:33	1
1,2,4-Trichlorobenzene	ND		15	3.7	ug/m3			11/24/25 15:33	1
1,2,4-Trimethylbenzene	ND		9.8	1.4	ug/m3			11/24/25 15:33	1
1,2-Dibromoethane	ND		7.7	1.0	ug/m3			11/24/25 15:33	1
1,2-Dichlorobenzene	ND		6.0	1.2	ug/m3			11/24/25 15:33	1
1,2-Dichloroethane	ND		4.0	0.32	ug/m3			11/24/25 15:33	1
1,2-Dichloropropane	ND		4.6	0.60	ug/m3			11/24/25 15:33	1
1,3,5-Trimethylbenzene	ND		9.8	1.6	ug/m3			11/24/25 15:33	1
1,3-Butadiene	ND		2.2	0.38	ug/m3			11/24/25 15:33	1
1,3-Dichlorobenzene	ND		6.0	1.8	ug/m3			11/24/25 15:33	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/m3			11/24/25 15:33	1
2-Butanone	ND		2.9	0.62	ug/m3			11/24/25 15:33	1
2-Hexanone	ND		8.2	2.0	ug/m3			11/24/25 15:33	1
3-Chloroprene	ND		3.1	0.63	ug/m3			11/24/25 15:33	1
4-Ethyltoluene	ND		4.9	0.88	ug/m3			11/24/25 15:33	1
1,4-Dioxane	ND		3.6	0.61	ug/m3			11/24/25 15:33	1
4-Methyl-2-pentanone	ND		4.1	0.61	ug/m3			11/24/25 15:33	1
Acetone	ND		12	2.4	ug/m3			11/24/25 15:33	1
2-Chlorotoluene	ND		5.2	1.1	ug/m3			11/24/25 15:33	1
Benzene	ND		3.2	0.35	ug/m3			11/24/25 15:33	1
Bromodichloromethane	ND		6.7	2.7	ug/m3			11/24/25 15:33	1
Bromoform	ND		10	4.1	ug/m3			11/24/25 15:33	1
Bromomethane	ND		3.9	0.78	ug/m3			11/24/25 15:33	1
Carbon disulfide	ND		3.1	1.2	ug/m3			11/24/25 15:33	1
Carbon tetrachloride	ND		6.3	0.88	ug/m3			11/24/25 15:33	1
Chlorobenzene	ND		4.6	0.60	ug/m3			11/24/25 15:33	1
Chloroethane	ND		2.6	0.79	ug/m3			11/24/25 15:33	1
Chloroform	ND		4.9	0.45	ug/m3			11/24/25 15:33	1
Benzyl chloride	ND		10	1.6	ug/m3			11/24/25 15:33	1
Chloromethane	ND		2.1	0.83	ug/m3			11/24/25 15:33	1
cis-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			11/24/25 15:33	1
cis-1,3-Dichloropropene	ND		4.5	0.45	ug/m3			11/24/25 15:33	1
Bromoethene	ND		4.4	0.79	ug/m3			11/24/25 15:33	1
Dibromochloromethane	ND		8.5	3.4	ug/m3			11/24/25 15:33	1
Dichlorodifluoromethane	ND		4.9	0.64	ug/m3			11/24/25 15:33	1
Ethylbenzene	ND		4.3	0.83	ug/m3			11/24/25 15:33	1
Freon 113	ND		7.7	1.5	ug/m3			11/24/25 15:33	1
Freon-114	ND		7.0	0.84	ug/m3			11/24/25 15:33	1
Heptane	ND		4.1	0.94	ug/m3			11/24/25 15:33	1
Hexane	ND		3.5	1.1	ug/m3			11/24/25 15:33	1
Isooctane	ND		4.7	1.9	ug/m3			11/24/25 15:33	1
m&p-Xylene	ND		4.3	1.1	ug/m3			11/24/25 15:33	1
Cyclohexane	ND		3.4	0.69	ug/m3			11/24/25 15:33	1
Methyl t-butyl ether	ND		3.6	0.54	ug/m3			11/24/25 15:33	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-734732/7
Matrix: Air
Analysis Batch: 734732

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		6.9	0.87	ug/m3			11/24/25 15:33	1
o-Xylene	ND		4.3	0.83	ug/m3			11/24/25 15:33	1
Styrene	ND		4.3	0.85	ug/m3			11/24/25 15:33	1
Ethanol	ND		9.4	3.8	ug/m3			11/24/25 15:33	1
Tetrachloroethene	ND		14	1.7	ug/m3			11/24/25 15:33	1
Ethyl acetate	ND		7.2	0.90	ug/m3			11/24/25 15:33	1
Toluene	ND		3.8	1.5	ug/m3			11/24/25 15:33	1
trans-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			11/24/25 15:33	1
trans-1,3-Dichloropropene	ND		4.5	0.54	ug/m3			11/24/25 15:33	1
Trichloroethene	ND		5.4	0.97	ug/m3			11/24/25 15:33	1
Trichlorofluoromethane	ND		5.6	0.84	ug/m3			11/24/25 15:33	1
Vinyl chloride	ND		2.6	0.31	ug/m3			11/24/25 15:33	1
Hexachlorobutadiene	ND		21	5.0	ug/m3			11/24/25 15:33	1
Isopropanol	ND		2.5	1.5	ug/m3			11/24/25 15:33	1
Methyl methacrylate	ND		4.1	0.61	ug/m3			11/24/25 15:33	1
Propene	ND		1.7	0.52	ug/m3			11/24/25 15:33	1
tert-Butyl alcohol	ND		3.0	0.64	ug/m3			11/24/25 15:33	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			11/24/25 15:33	1
Vinyl acetate	ND		3.5	0.56	ug/m3			11/24/25 15:33	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.12	ppb v/v			11/24/25 15:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ppb v/v			11/24/25 15:33	1
1,1,2-Trichloroethane	ND		1.0	0.12	ppb v/v			11/24/25 15:33	1
1,1-Dichloroethane	ND		1.0	0.089	ppb v/v			11/24/25 15:33	1
1,1-Dichloroethene	ND		1.0	0.14	ppb v/v			11/24/25 15:33	1
1,2,4-Trichlorobenzene	ND		2.0	0.50	ppb v/v			11/24/25 15:33	1
1,2,4-Trimethylbenzene	ND		2.0	0.28	ppb v/v			11/24/25 15:33	1
1,2-Dibromoethane	ND		1.0	0.13	ppb v/v			11/24/25 15:33	1
1,2-Dichlorobenzene	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
1,2-Dichloroethane	ND		1.0	0.080	ppb v/v			11/24/25 15:33	1
1,2-Dichloropropane	ND		1.0	0.13	ppb v/v			11/24/25 15:33	1
1,3,5-Trimethylbenzene	ND		2.0	0.32	ppb v/v			11/24/25 15:33	1
1,3-Butadiene	ND		1.0	0.17	ppb v/v			11/24/25 15:33	1
1,3-Dichlorobenzene	ND		1.0	0.30	ppb v/v			11/24/25 15:33	1
1,4-Dichlorobenzene	ND		1.0	0.30	ppb v/v			11/24/25 15:33	1
2-Butanone	ND		1.0	0.21	ppb v/v			11/24/25 15:33	1
2-Hexanone	ND		2.0	0.50	ppb v/v			11/24/25 15:33	1
3-Chloroprene	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
4-Ethyltoluene	ND		1.0	0.18	ppb v/v			11/24/25 15:33	1
1,4-Dioxane	ND		1.0	0.17	ppb v/v			11/24/25 15:33	1
4-Methyl-2-pentanone	ND		1.0	0.15	ppb v/v			11/24/25 15:33	1
Acetone	ND		5.0	1.0	ppb v/v			11/24/25 15:33	1
2-Chlorotoluene	ND		1.0	0.22	ppb v/v			11/24/25 15:33	1
Benzene	ND		1.0	0.11	ppb v/v			11/24/25 15:33	1
Bromodichloromethane	ND		1.0	0.40	ppb v/v			11/24/25 15:33	1
Bromoform	ND		1.0	0.40	ppb v/v			11/24/25 15:33	1
Bromomethane	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
Carbon disulfide	ND		1.0	0.40	ppb v/v			11/24/25 15:33	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-734732/7
Matrix: Air
Analysis Batch: 734732

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.14	ppb v/v			11/24/25 15:33	1
Chlorobenzene	ND		1.0	0.13	ppb v/v			11/24/25 15:33	1
Chloroethane	ND		1.0	0.30	ppb v/v			11/24/25 15:33	1
Chloroform	ND		1.0	0.092	ppb v/v			11/24/25 15:33	1
Benzyl chloride	ND		2.0	0.30	ppb v/v			11/24/25 15:33	1
Chloromethane	ND		1.0	0.40	ppb v/v			11/24/25 15:33	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
cis-1,3-Dichloropropene	ND		1.0	0.10	ppb v/v			11/24/25 15:33	1
Bromoethene	ND		1.0	0.18	ppb v/v			11/24/25 15:33	1
Dibromochloromethane	ND		1.0	0.40	ppb v/v			11/24/25 15:33	1
Dichlorodifluoromethane	ND		1.0	0.13	ppb v/v			11/24/25 15:33	1
Ethylbenzene	ND		1.0	0.19	ppb v/v			11/24/25 15:33	1
Freon 113	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
Freon-114	ND		1.0	0.12	ppb v/v			11/24/25 15:33	1
Heptane	ND		1.0	0.23	ppb v/v			11/24/25 15:33	1
Hexane	ND		1.0	0.30	ppb v/v			11/24/25 15:33	1
Isooctane	ND		1.0	0.40	ppb v/v			11/24/25 15:33	1
m&p-Xylene	ND		1.0	0.26	ppb v/v			11/24/25 15:33	1
Cyclohexane	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
Methyl t-butyl ether	ND		1.0	0.15	ppb v/v			11/24/25 15:33	1
Methylene Chloride	ND		2.0	0.25	ppb v/v			11/24/25 15:33	1
o-Xylene	ND		1.0	0.19	ppb v/v			11/24/25 15:33	1
Styrene	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
Ethanol	ND		5.0	2.0	ppb v/v			11/24/25 15:33	1
Tetrachloroethene	ND		2.0	0.25	ppb v/v			11/24/25 15:33	1
Ethyl acetate	ND		2.0	0.25	ppb v/v			11/24/25 15:33	1
Toluene	ND		1.0	0.40	ppb v/v			11/24/25 15:33	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
trans-1,3-Dichloropropene	ND		1.0	0.12	ppb v/v			11/24/25 15:33	1
Trichloroethene	ND		1.0	0.18	ppb v/v			11/24/25 15:33	1
Trichlorofluoromethane	ND		1.0	0.15	ppb v/v			11/24/25 15:33	1
Vinyl chloride	ND		1.0	0.12	ppb v/v			11/24/25 15:33	1
Hexachlorobutadiene	ND		2.0	0.47	ppb v/v			11/24/25 15:33	1
Isopropanol	ND		1.0	0.60	ppb v/v			11/24/25 15:33	1
Methyl methacrylate	ND		1.0	0.15	ppb v/v			11/24/25 15:33	1
Propene	ND		1.0	0.30	ppb v/v			11/24/25 15:33	1
tert-Butyl alcohol	ND		1.0	0.21	ppb v/v			11/24/25 15:33	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			11/24/25 15:33	1
Vinyl acetate	ND		1.0	0.16	ppb v/v			11/24/25 15:33	1

Lab Sample ID: LCS 410-734732/4
Matrix: Air
Analysis Batch: 734732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	44.6		ug/m3		82	70 - 130
1,1,2,2-Tetrachloroethane	68.7	53.6		ug/m3		78	61 - 130
1,1,2-Trichloroethane	54.6	45.2		ug/m3		83	70 - 130
1,1-Dichloroethane	40.5	36.0		ug/m3		89	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-734732/4
Matrix: Air
Analysis Batch: 734732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	39.6	40.6		ug/m3		102	70 - 131
1,2,4-Trichlorobenzene	74.2	66.7		ug/m3		90	52 - 143
1,2,4-Trimethylbenzene	49.2	40.1		ug/m3		82	65 - 146
1,2-Dibromoethane	76.8	63.2		ug/m3		82	70 - 130
1,2-Dichlorobenzene	60.1	52.7		ug/m3		88	61 - 139
1,2-Dichloroethane	40.5	36.9		ug/m3		91	70 - 131
1,2-Dichloropropane	46.2	40.7		ug/m3		88	70 - 130
1,3,5-Trimethylbenzene	49.2	38.3		ug/m3		78	69 - 141
1,3-Butadiene	22.1	18.5		ug/m3		84	70 - 131
1,3-Dichlorobenzene	60.1	51.2		ug/m3		85	64 - 140
1,4-Dichlorobenzene	60.1	50.9		ug/m3		85	64 - 137
2-Butanone	29.5	22.1		ug/m3		75	70 - 130
2-Hexanone	41.0	30.2		ug/m3		74	57 - 141
3-Chloroprene	31.3	29.6		ug/m3		95	70 - 137
4-Ethyltoluene	49.2	40.4		ug/m3		82	69 - 139
1,4-Dioxane	36.0	31.1		ug/m3		86	70 - 130
4-Methyl-2-pentanone	41.0	31.3		ug/m3		76	68 - 133
Acetone	23.8	18.3		ug/m3		77	70 - 137
2-Chlorotoluene	51.8	42.4		ug/m3		82	70 - 130
Benzene	31.9	27.0		ug/m3		85	70 - 130
Bromodichloromethane	67.0	59.5		ug/m3		89	70 - 130
Bromoform	103	83.9		ug/m3		81	60 - 139
Bromomethane	38.8	35.4		ug/m3		91	70 - 140
Carbon disulfide	31.1	26.5		ug/m3		85	70 - 130
Carbon tetrachloride	62.9	51.0		ug/m3		81	70 - 130
Chlorobenzene	46.0	37.3		ug/m3		81	70 - 130
Chloroethane	26.4	21.4		ug/m3		81	70 - 131
Chloroform	48.8	44.3		ug/m3		91	70 - 130
Benzyl chloride	51.8	41.3		ug/m3		80	57 - 142
Chloromethane	20.7	17.5		ug/m3		85	64 - 138
cis-1,2-Dichloroethene	39.6	34.7		ug/m3		87	70 - 130
cis-1,3-Dichloropropene	45.4	38.5		ug/m3		85	70 - 130
Bromoethene	43.7	37.4		ug/m3		86	70 - 130
Dibromochloromethane	85.2	71.7		ug/m3		84	70 - 130
Dichlorodifluoromethane	49.5	40.4		ug/m3		82	70 - 131
Ethylbenzene	43.4	34.9		ug/m3		80	70 - 130
Freon 113	76.6	77.7		ug/m3		101	70 - 130
Freon-114	69.9	62.1		ug/m3		89	70 - 130
Heptane	41.0	35.2		ug/m3		86	70 - 130
Hexane	35.2	26.3		ug/m3		74	61 - 130
Isooctane	46.7	42.0		ug/m3		90	70 - 130
m&p-Xylene	43.4	36.1		ug/m3		83	70 - 130
Cyclohexane	34.4	28.8		ug/m3		84	61 - 130
Methyl t-butyl ether	36.1	30.6		ug/m3		85	70 - 130
Methylene Chloride	34.7	32.6		ug/m3		94	70 - 130
o-Xylene	43.4	33.0		ug/m3		76	70 - 130
Styrene	42.6	33.4		ug/m3		78	70 - 133
Ethanol	18.8	18.1		ug/m3		96	62 - 150
Tetrachloroethene	67.8	52.7		ug/m3		78	70 - 140

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-734732/4
Matrix: Air
Analysis Batch: 734732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate	36.0	26.6		ug/m3		74	70 - 130
Toluene	37.7	31.2		ug/m3		83	70 - 130
trans-1,2-Dichloroethene	39.6	33.5		ug/m3		85	70 - 130
trans-1,3-Dichloropropene	45.4	38.5		ug/m3		85	70 - 130
Trichloroethene	53.7	48.8		ug/m3		91	70 - 130
Trichlorofluoromethane	56.2	51.0		ug/m3		91	70 - 130
Vinyl chloride	25.6	23.6		ug/m3		93	70 - 135
Hexachlorobutadiene	107	94.1		ug/m3		88	40 - 157
Isopropanol	24.6	16.5		ug/m3		67	62 - 135
Methyl methacrylate	40.9	33.0		ug/m3		81	70 - 130
Propene	17.2	13.8		ug/m3		80	58 - 130
tert-Butyl alcohol	33.6	26.2		ug/m3		78	50 - 130
Tetrahydrofuran	29.5	24.6		ug/m3		84	54 - 143
Vinyl acetate	35.2	31.9		ug/m3		91	70 - 137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	10	8.17		ppb v/v		82	70 - 130
1,1,2,2-Tetrachloroethane	10	7.81		ppb v/v		78	61 - 130
1,1,2-Trichloroethane	10	8.28		ppb v/v		83	70 - 130
1,1-Dichloroethane	10	8.90		ppb v/v		89	70 - 130
1,1-Dichloroethene	10	10.2		ppb v/v		102	70 - 131
1,2,4-Trichlorobenzene	10	8.99		ppb v/v		90	52 - 143
1,2,4-Trimethylbenzene	10	8.15		ppb v/v		82	65 - 146
1,2-Dibromoethane	10	8.23		ppb v/v		82	70 - 130
1,2-Dichlorobenzene	10	8.77		ppb v/v		88	61 - 139
1,2-Dichloroethane	10	9.12		ppb v/v		91	70 - 131
1,2-Dichloropropane	10	8.80		ppb v/v		88	70 - 130
1,3,5-Trimethylbenzene	10	7.79		ppb v/v		78	69 - 141
1,3-Butadiene	10	8.37		ppb v/v		84	70 - 131
1,3-Dichlorobenzene	10	8.52		ppb v/v		85	64 - 140
1,4-Dichlorobenzene	10	8.47		ppb v/v		85	64 - 137
2-Butanone	10	7.50		ppb v/v		75	70 - 130
2-Hexanone	10	7.38		ppb v/v		74	57 - 141
3-Chloroprene	10	9.46		ppb v/v		95	70 - 137
4-Ethyltoluene	10	8.21		ppb v/v		82	69 - 139
1,4-Dioxane	10	8.62		ppb v/v		86	70 - 130
4-Methyl-2-pentanone	10	7.63		ppb v/v		76	68 - 133
Acetone	10	7.71		ppb v/v		77	70 - 137
2-Chlorotoluene	10	8.18		ppb v/v		82	70 - 130
Benzene	10	8.45		ppb v/v		85	70 - 130
Bromodichloromethane	10	8.89		ppb v/v		89	70 - 130
Bromoform	10	8.11		ppb v/v		81	60 - 139
Bromomethane	10	9.12		ppb v/v		91	70 - 140
Carbon disulfide	10	8.51		ppb v/v		85	70 - 130
Carbon tetrachloride	10	8.11		ppb v/v		81	70 - 130
Chlorobenzene	10	8.10		ppb v/v		81	70 - 130
Chloroethane	10	8.12		ppb v/v		81	70 - 131
Chloroform	10	9.07		ppb v/v		91	70 - 130
Benzyl chloride	10	7.97		ppb v/v		80	57 - 142

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-734732/4
Matrix: Air
Analysis Batch: 734732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	10	8.49		ppb v/v		85	64 - 138
cis-1,2-Dichloroethene	10	8.74		ppb v/v		87	70 - 130
cis-1,3-Dichloropropene	10	8.49		ppb v/v		85	70 - 130
Bromoethene	10	8.55		ppb v/v		86	70 - 130
Dibromochloromethane	10	8.41		ppb v/v		84	70 - 130
Dichlorodifluoromethane	10	8.17		ppb v/v		82	70 - 131
Ethylbenzene	10	8.03		ppb v/v		80	70 - 130
Freon 113	10	10.1		ppb v/v		101	70 - 130
Freon-114	10	8.89		ppb v/v		89	70 - 130
Heptane	10	8.60		ppb v/v		86	70 - 130
Hexane	10	7.45		ppb v/v		74	61 - 130
Isooctane	10	8.99		ppb v/v		90	70 - 130
m&p-Xylene	10	8.32		ppb v/v		83	70 - 130
Cyclohexane	10	8.37		ppb v/v		84	61 - 130
Methyl t-butyl ether	10	8.47		ppb v/v		85	70 - 130
Methylene Chloride	10	9.38		ppb v/v		94	70 - 130
o-Xylene	10	7.59		ppb v/v		76	70 - 130
Styrene	10	7.85		ppb v/v		78	70 - 133
Ethanol	10	9.61		ppb v/v		96	62 - 150
Tetrachloroethene	10	7.77		ppb v/v		78	70 - 140
Ethyl acetate	10	7.37		ppb v/v		74	70 - 130
Toluene	10	8.29		ppb v/v		83	70 - 130
trans-1,2-Dichloroethene	10	8.45		ppb v/v		85	70 - 130
trans-1,3-Dichloropropene	10	8.49		ppb v/v		85	70 - 130
Trichloroethene	10	9.08		ppb v/v		91	70 - 130
Trichlorofluoromethane	10	9.08		ppb v/v		91	70 - 130
Vinyl chloride	10	9.25		ppb v/v		93	70 - 135
Hexachlorobutadiene	10	8.82		ppb v/v		88	40 - 157
Isopropanol	10	6.72		ppb v/v		67	62 - 135
Methyl methacrylate	10	8.06		ppb v/v		81	70 - 130
Propene	10	8.02		ppb v/v		80	58 - 130
tert-Butyl alcohol	11	8.64		ppb v/v		78	50 - 130
Tetrahydrofuran	10	8.36		ppb v/v		84	54 - 143
Vinyl acetate	10	9.07		ppb v/v		91	70 - 137

Lab Sample ID: MB 410-739677/7
Matrix: Air
Analysis Batch: 739677

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.65	ug/m3			12/05/25 13:33	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.0	ug/m3			12/05/25 13:33	1
1,1,2-Trichloroethane	ND		5.5	0.65	ug/m3			12/05/25 13:33	1
1,1-Dichloroethane	ND		4.0	0.36	ug/m3			12/05/25 13:33	1
1,1-Dichloroethene	ND		4.0	0.56	ug/m3			12/05/25 13:33	1
1,2,4-Trichlorobenzene	ND		15	3.7	ug/m3			12/05/25 13:33	1
1,2,4-Trimethylbenzene	ND		9.8	1.4	ug/m3			12/05/25 13:33	1
1,2-Dibromoethane	ND		7.7	1.0	ug/m3			12/05/25 13:33	1
1,2-Dichlorobenzene	ND		6.0	1.2	ug/m3			12/05/25 13:33	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-739677/7
Matrix: Air
Analysis Batch: 739677

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		4.0	0.32	ug/m3			12/05/25 13:33	1
1,2-Dichloropropane	ND		4.6	0.60	ug/m3			12/05/25 13:33	1
1,3,5-Trimethylbenzene	ND		9.8	1.6	ug/m3			12/05/25 13:33	1
1,3-Butadiene	ND		2.2	0.38	ug/m3			12/05/25 13:33	1
1,3-Dichlorobenzene	ND		6.0	1.8	ug/m3			12/05/25 13:33	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/m3			12/05/25 13:33	1
2-Butanone	ND		2.9	0.62	ug/m3			12/05/25 13:33	1
2-Hexanone	ND		8.2	2.0	ug/m3			12/05/25 13:33	1
3-Chloroprene	ND		3.1	0.63	ug/m3			12/05/25 13:33	1
4-Ethyltoluene	ND		4.9	0.88	ug/m3			12/05/25 13:33	1
1,4-Dioxane	ND		3.6	0.61	ug/m3			12/05/25 13:33	1
4-Methyl-2-pentanone	ND		4.1	0.61	ug/m3			12/05/25 13:33	1
Acetone	ND		12	2.4	ug/m3			12/05/25 13:33	1
2-Chlorotoluene	ND		5.2	1.1	ug/m3			12/05/25 13:33	1
Benzene	ND		3.2	0.35	ug/m3			12/05/25 13:33	1
Bromodichloromethane	ND		6.7	2.7	ug/m3			12/05/25 13:33	1
Bromoform	ND		10	4.1	ug/m3			12/05/25 13:33	1
Bromomethane	ND		3.9	0.78	ug/m3			12/05/25 13:33	1
Carbon disulfide	ND		3.1	1.2	ug/m3			12/05/25 13:33	1
Carbon tetrachloride	ND		6.3	0.88	ug/m3			12/05/25 13:33	1
Chlorobenzene	ND		4.6	0.60	ug/m3			12/05/25 13:33	1
Chloroethane	ND		2.6	0.79	ug/m3			12/05/25 13:33	1
Chloroform	ND		4.9	0.45	ug/m3			12/05/25 13:33	1
Benzyl chloride	ND		10	1.6	ug/m3			12/05/25 13:33	1
Chloromethane	ND		2.1	0.83	ug/m3			12/05/25 13:33	1
cis-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			12/05/25 13:33	1
cis-1,3-Dichloropropene	ND		4.5	0.45	ug/m3			12/05/25 13:33	1
Bromoethene	ND		4.4	0.79	ug/m3			12/05/25 13:33	1
Dibromochloromethane	ND		8.5	3.4	ug/m3			12/05/25 13:33	1
Dichlorodifluoromethane	ND		4.9	0.64	ug/m3			12/05/25 13:33	1
Ethylbenzene	ND		4.3	0.83	ug/m3			12/05/25 13:33	1
Freon 113	ND		7.7	1.5	ug/m3			12/05/25 13:33	1
Freon-114	ND		7.0	0.84	ug/m3			12/05/25 13:33	1
Heptane	ND		4.1	0.94	ug/m3			12/05/25 13:33	1
Hexane	ND		3.5	1.1	ug/m3			12/05/25 13:33	1
Isooctane	ND		4.7	1.9	ug/m3			12/05/25 13:33	1
m&p-Xylene	ND		4.3	1.1	ug/m3			12/05/25 13:33	1
Cyclohexane	ND		3.4	0.69	ug/m3			12/05/25 13:33	1
Methyl t-butyl ether	ND		3.6	0.54	ug/m3			12/05/25 13:33	1
Methylene Chloride	ND		6.9	0.87	ug/m3			12/05/25 13:33	1
o-Xylene	ND		4.3	0.83	ug/m3			12/05/25 13:33	1
Styrene	ND		4.3	0.85	ug/m3			12/05/25 13:33	1
Ethanol	ND		9.4	3.8	ug/m3			12/05/25 13:33	1
Tetrachloroethene	ND		14	1.7	ug/m3			12/05/25 13:33	1
Ethyl acetate	ND		7.2	0.90	ug/m3			12/05/25 13:33	1
Toluene	ND		3.8	1.5	ug/m3			12/05/25 13:33	1
trans-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			12/05/25 13:33	1
trans-1,3-Dichloropropene	ND		4.5	0.54	ug/m3			12/05/25 13:33	1
Trichloroethene	ND		5.4	0.97	ug/m3			12/05/25 13:33	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-739677/7
Matrix: Air
Analysis Batch: 739677

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		5.6	0.84	ug/m3			12/05/25 13:33	1
Vinyl chloride	ND		2.6	0.31	ug/m3			12/05/25 13:33	1
Hexachlorobutadiene	ND		21	5.0	ug/m3			12/05/25 13:33	1
Isopropanol	ND		2.5	1.5	ug/m3			12/05/25 13:33	1
Methyl methacrylate	ND		4.1	0.61	ug/m3			12/05/25 13:33	1
Propene	ND		1.7	0.52	ug/m3			12/05/25 13:33	1
tert-Butyl alcohol	ND		3.0	0.64	ug/m3			12/05/25 13:33	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			12/05/25 13:33	1
Vinyl acetate	ND		3.5	0.56	ug/m3			12/05/25 13:33	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.12	ppb v/v			12/05/25 13:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ppb v/v			12/05/25 13:33	1
1,1,2-Trichloroethane	ND		1.0	0.12	ppb v/v			12/05/25 13:33	1
1,1-Dichloroethane	ND		1.0	0.089	ppb v/v			12/05/25 13:33	1
1,1-Dichloroethene	ND		1.0	0.14	ppb v/v			12/05/25 13:33	1
1,2,4-Trichlorobenzene	ND		2.0	0.50	ppb v/v			12/05/25 13:33	1
1,2,4-Trimethylbenzene	ND		2.0	0.28	ppb v/v			12/05/25 13:33	1
1,2-Dibromoethane	ND		1.0	0.13	ppb v/v			12/05/25 13:33	1
1,2-Dichlorobenzene	ND		1.0	0.20	ppb v/v			12/05/25 13:33	1
1,2-Dichloroethane	ND		1.0	0.080	ppb v/v			12/05/25 13:33	1
1,2-Dichloropropane	ND		1.0	0.13	ppb v/v			12/05/25 13:33	1
1,3,5-Trimethylbenzene	ND		2.0	0.32	ppb v/v			12/05/25 13:33	1
1,3-Butadiene	ND		1.0	0.17	ppb v/v			12/05/25 13:33	1
1,3-Dichlorobenzene	ND		1.0	0.30	ppb v/v			12/05/25 13:33	1
1,4-Dichlorobenzene	ND		1.0	0.30	ppb v/v			12/05/25 13:33	1
2-Butanone	ND		1.0	0.21	ppb v/v			12/05/25 13:33	1
2-Hexanone	ND		2.0	0.50	ppb v/v			12/05/25 13:33	1
3-Chloroprene	ND		1.0	0.20	ppb v/v			12/05/25 13:33	1
4-Ethyltoluene	ND		1.0	0.18	ppb v/v			12/05/25 13:33	1
1,4-Dioxane	ND		1.0	0.17	ppb v/v			12/05/25 13:33	1
4-Methyl-2-pentanone	ND		1.0	0.15	ppb v/v			12/05/25 13:33	1
Acetone	ND		5.0	1.0	ppb v/v			12/05/25 13:33	1
2-Chlorotoluene	ND		1.0	0.22	ppb v/v			12/05/25 13:33	1
Benzene	ND		1.0	0.11	ppb v/v			12/05/25 13:33	1
Bromodichloromethane	ND		1.0	0.40	ppb v/v			12/05/25 13:33	1
Bromoform	ND		1.0	0.40	ppb v/v			12/05/25 13:33	1
Bromomethane	ND		1.0	0.20	ppb v/v			12/05/25 13:33	1
Carbon disulfide	ND		1.0	0.40	ppb v/v			12/05/25 13:33	1
Carbon tetrachloride	ND		1.0	0.14	ppb v/v			12/05/25 13:33	1
Chlorobenzene	ND		1.0	0.13	ppb v/v			12/05/25 13:33	1
Chloroethane	ND		1.0	0.30	ppb v/v			12/05/25 13:33	1
Chloroform	ND		1.0	0.092	ppb v/v			12/05/25 13:33	1
Benzyl chloride	ND		2.0	0.30	ppb v/v			12/05/25 13:33	1
Chloromethane	ND		1.0	0.40	ppb v/v			12/05/25 13:33	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			12/05/25 13:33	1
cis-1,3-Dichloropropene	ND		1.0	0.10	ppb v/v			12/05/25 13:33	1
Bromoethene	ND		1.0	0.18	ppb v/v			12/05/25 13:33	1
Dibromochloromethane	ND		1.0	0.40	ppb v/v			12/05/25 13:33	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-739677/7
Matrix: Air
Analysis Batch: 739677

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.0	0.13	ppb v/v			12/05/25 13:33	1
Ethylbenzene	ND		1.0	0.19	ppb v/v			12/05/25 13:33	1
Freon 113	ND		1.0	0.20	ppb v/v			12/05/25 13:33	1
Freon-114	ND		1.0	0.12	ppb v/v			12/05/25 13:33	1
Heptane	ND		1.0	0.23	ppb v/v			12/05/25 13:33	1
Hexane	ND		1.0	0.30	ppb v/v			12/05/25 13:33	1
Isooctane	ND		1.0	0.40	ppb v/v			12/05/25 13:33	1
m&p-Xylene	ND		1.0	0.26	ppb v/v			12/05/25 13:33	1
Cyclohexane	ND		1.0	0.20	ppb v/v			12/05/25 13:33	1
Methyl t-butyl ether	ND		1.0	0.15	ppb v/v			12/05/25 13:33	1
Methylene Chloride	ND		2.0	0.25	ppb v/v			12/05/25 13:33	1
o-Xylene	ND		1.0	0.19	ppb v/v			12/05/25 13:33	1
Styrene	ND		1.0	0.20	ppb v/v			12/05/25 13:33	1
Ethanol	ND		5.0	2.0	ppb v/v			12/05/25 13:33	1
Tetrachloroethene	ND		2.0	0.25	ppb v/v			12/05/25 13:33	1
Ethyl acetate	ND		2.0	0.25	ppb v/v			12/05/25 13:33	1
Toluene	ND		1.0	0.40	ppb v/v			12/05/25 13:33	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			12/05/25 13:33	1
trans-1,3-Dichloropropene	ND		1.0	0.12	ppb v/v			12/05/25 13:33	1
Trichloroethene	ND		1.0	0.18	ppb v/v			12/05/25 13:33	1
Trichlorofluoromethane	ND		1.0	0.15	ppb v/v			12/05/25 13:33	1
Vinyl chloride	ND		1.0	0.12	ppb v/v			12/05/25 13:33	1
Hexachlorobutadiene	ND		2.0	0.47	ppb v/v			12/05/25 13:33	1
Isopropanol	ND		1.0	0.60	ppb v/v			12/05/25 13:33	1
Methyl methacrylate	ND		1.0	0.15	ppb v/v			12/05/25 13:33	1
Propene	ND		1.0	0.30	ppb v/v			12/05/25 13:33	1
tert-Butyl alcohol	ND		1.0	0.21	ppb v/v			12/05/25 13:33	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			12/05/25 13:33	1
Vinyl acetate	ND		1.0	0.16	ppb v/v			12/05/25 13:33	1

Lab Sample ID: LCS 410-739677/4
Matrix: Air
Analysis Batch: 739677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	48.3		ug/m3		89	70 - 130
1,1,2,2-Tetrachloroethane	68.7	70.8		ug/m3		103	61 - 130
1,1,2-Trichloroethane	54.6	51.1		ug/m3		94	70 - 130
1,1-Dichloroethane	40.5	37.4		ug/m3		92	70 - 130
1,1-Dichloroethene	39.6	42.2		ug/m3		107	70 - 131
1,2,4-Trichlorobenzene	74.2	102		ug/m3		137	52 - 143
1,2,4-Trimethylbenzene	49.2	52.0		ug/m3		106	65 - 146
1,2-Dibromoethane	76.8	73.6		ug/m3		96	70 - 130
1,2-Dichlorobenzene	60.1	72.8		ug/m3		121	61 - 139
1,2-Dichloroethane	40.5	38.1		ug/m3		94	70 - 131
1,2-Dichloropropane	46.2	41.2		ug/m3		89	70 - 130
1,3,5-Trimethylbenzene	49.2	49.6		ug/m3		101	69 - 141
1,3-Butadiene	22.1	17.8		ug/m3		81	70 - 131
1,3-Dichlorobenzene	60.1	69.7		ug/m3		116	64 - 140

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-739677/4
Matrix: Air
Analysis Batch: 739677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	60.1	70.6		ug/m3		117	64 - 137
2-Butanone	29.5	23.1		ug/m3		78	70 - 130
2-Hexanone	41.0	34.0		ug/m3		83	57 - 141
3-Chloroprene	31.3	29.9		ug/m3		95	70 - 137
4-Ethyltoluene	49.2	50.8		ug/m3		103	69 - 139
1,4-Dioxane	36.0	32.6		ug/m3		91	70 - 130
4-Methyl-2-pentanone	41.0	32.7		ug/m3		80	68 - 133
Acetone	23.8	18.5		ug/m3		78	70 - 137
2-Chlorotoluene	51.8	55.7		ug/m3		108	70 - 130
Benzene	31.9	27.6		ug/m3		86	70 - 130
Bromodichloromethane	67.0	62.7		ug/m3		94	70 - 130
Bromoform	103	114		ug/m3		110	60 - 139
Bromomethane	38.8	35.3		ug/m3		91	70 - 140
Carbon disulfide	31.1	27.1		ug/m3		87	70 - 130
Carbon tetrachloride	62.9	56.0		ug/m3		89	70 - 130
Chlorobenzene	46.0	43.3		ug/m3		94	70 - 130
Chloroethane	26.4	21.9		ug/m3		83	70 - 131
Chloroform	48.8	46.6		ug/m3		95	70 - 130
Benzyl chloride	51.8	59.8		ug/m3		115	57 - 142
Chloromethane	20.7	18.9		ug/m3		91	64 - 138
cis-1,2-Dichloroethene	39.6	36.6		ug/m3		92	70 - 130
cis-1,3-Dichloropropene	45.4	40.5		ug/m3		89	70 - 130
Bromoethene	43.7	41.0		ug/m3		94	70 - 130
Dibromochloromethane	85.2	85.3		ug/m3		100	70 - 130
Dichlorodifluoromethane	49.5	40.9		ug/m3		83	70 - 131
Ethylbenzene	43.4	39.8		ug/m3		92	70 - 130
Freon 113	76.6	79.7		ug/m3		104	70 - 130
Freon-114	69.9	63.5		ug/m3		91	70 - 130
Heptane	41.0	35.7		ug/m3		87	70 - 130
Hexane	35.2	26.9		ug/m3		76	61 - 130
Isooctane	46.7	41.7		ug/m3		89	70 - 130
m&p-Xylene	43.4	40.2		ug/m3		93	70 - 130
Cyclohexane	34.4	29.2		ug/m3		85	61 - 130
Methyl t-butyl ether	36.1	31.8		ug/m3		88	70 - 130
Methylene Chloride	34.7	34.1		ug/m3		98	70 - 130
o-Xylene	43.4	39.2		ug/m3		90	70 - 130
Styrene	42.6	40.7		ug/m3		95	70 - 133
Ethanol	18.8	18.6		ug/m3		99	62 - 150
Tetrachloroethene	67.8	60.0		ug/m3		89	70 - 140
Ethyl acetate	36.0	27.6		ug/m3		77	70 - 130
Toluene	37.7	33.8		ug/m3		90	70 - 130
trans-1,2-Dichloroethene	39.6	34.7		ug/m3		88	70 - 130
trans-1,3-Dichloropropene	45.4	44.4		ug/m3		98	70 - 130
Trichloroethene	53.7	50.2		ug/m3		93	70 - 130
Trichlorofluoromethane	56.2	54.9		ug/m3		98	70 - 130
Vinyl chloride	25.6	24.0		ug/m3		94	70 - 135
Hexachlorobutadiene	107	142		ug/m3		134	40 - 157
Isopropanol	24.6	17.2		ug/m3		70	62 - 135
Methyl methacrylate	40.9	33.5		ug/m3		82	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-739677/4
Matrix: Air
Analysis Batch: 739677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Propene	17.2	13.8		ug/m3		80	58 - 130
tert-Butyl alcohol	33.6	27.2		ug/m3		81	50 - 130
Tetrahydrofuran	29.5	25.6		ug/m3		87	54 - 143
Vinyl acetate	35.2	33.9		ug/m3		96	70 - 137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	10	8.86		ppb v/v		89	70 - 130
1,1,2,2-Tetrachloroethane	10	10.3		ppb v/v		103	61 - 130
1,1,2-Trichloroethane	10	9.36		ppb v/v		94	70 - 130
1,1-Dichloroethane	10	9.25		ppb v/v		92	70 - 130
1,1-Dichloroethene	10	10.7		ppb v/v		107	70 - 131
1,2,4-Trichlorobenzene	10	13.7		ppb v/v		137	52 - 143
1,2,4-Trimethylbenzene	10	10.6		ppb v/v		106	65 - 146
1,2-Dibromoethane	10	9.57		ppb v/v		96	70 - 130
1,2-Dichlorobenzene	10	12.1		ppb v/v		121	61 - 139
1,2-Dichloroethane	10	9.40		ppb v/v		94	70 - 131
1,2-Dichloropropane	10	8.91		ppb v/v		89	70 - 130
1,3,5-Trimethylbenzene	10	10.1		ppb v/v		101	69 - 141
1,3-Butadiene	10	8.07		ppb v/v		81	70 - 131
1,3-Dichlorobenzene	10	11.6		ppb v/v		116	64 - 140
1,4-Dichlorobenzene	10	11.7		ppb v/v		117	64 - 137
2-Butanone	10	7.83		ppb v/v		78	70 - 130
2-Hexanone	10	8.29		ppb v/v		83	57 - 141
3-Chloroprene	10	9.54		ppb v/v		95	70 - 137
4-Ethyltoluene	10	10.3		ppb v/v		103	69 - 139
1,4-Dioxane	10	9.05		ppb v/v		91	70 - 130
4-Methyl-2-pentanone	10	7.98		ppb v/v		80	68 - 133
Acetone	10	7.78		ppb v/v		78	70 - 137
2-Chlorotoluene	10	10.8		ppb v/v		108	70 - 130
Benzene	10	8.64		ppb v/v		86	70 - 130
Bromodichloromethane	10	9.35		ppb v/v		94	70 - 130
Bromoform	10	11.0		ppb v/v		110	60 - 139
Bromomethane	10	9.08		ppb v/v		91	70 - 140
Carbon disulfide	10	8.72		ppb v/v		87	70 - 130
Carbon tetrachloride	10	8.90		ppb v/v		89	70 - 130
Chlorobenzene	10	9.41		ppb v/v		94	70 - 130
Chloroethane	10	8.30		ppb v/v		83	70 - 131
Chloroform	10	9.54		ppb v/v		95	70 - 130
Benzyl chloride	10	11.5		ppb v/v		115	57 - 142
Chloromethane	10	9.14		ppb v/v		91	64 - 138
cis-1,2-Dichloroethene	10	9.23		ppb v/v		92	70 - 130
cis-1,3-Dichloropropene	10	8.92		ppb v/v		89	70 - 130
Bromoethene	10	9.36		ppb v/v		94	70 - 130
Dibromochloromethane	10	10.0		ppb v/v		100	70 - 130
Dichlorodifluoromethane	10	8.27		ppb v/v		83	70 - 131
Ethylbenzene	10	9.17		ppb v/v		92	70 - 130
Freon 113	10	10.4		ppb v/v		104	70 - 130
Freon-114	10	9.08		ppb v/v		91	70 - 130
Heptane	10	8.70		ppb v/v		87	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-739677/4
Matrix: Air
Analysis Batch: 739677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexane	10	7.65		ppb v/v		76	61 - 130
Isooctane	10	8.92		ppb v/v		89	70 - 130
m&p-Xylene	10	9.27		ppb v/v		93	70 - 130
Cyclohexane	10	8.49		ppb v/v		85	61 - 130
Methyl t-butyl ether	10	8.82		ppb v/v		88	70 - 130
Methylene Chloride	10	9.81		ppb v/v		98	70 - 130
o-Xylene	10	9.02		ppb v/v		90	70 - 130
Styrene	10	9.55		ppb v/v		95	70 - 133
Ethanol	10	9.87		ppb v/v		99	62 - 150
Tetrachloroethene	10	8.85		ppb v/v		89	70 - 140
Ethyl acetate	10	7.66		ppb v/v		77	70 - 130
Toluene	10	8.98		ppb v/v		90	70 - 130
trans-1,2-Dichloroethene	10	8.76		ppb v/v		88	70 - 130
trans-1,3-Dichloropropene	10	9.79		ppb v/v		98	70 - 130
Trichloroethene	10	9.35		ppb v/v		93	70 - 130
Trichlorofluoromethane	10	9.77		ppb v/v		98	70 - 130
Vinyl chloride	10	9.39		ppb v/v		94	70 - 135
Hexachlorobutadiene	10	13.4		ppb v/v		134	40 - 157
Isopropanol	10	7.00		ppb v/v		70	62 - 135
Methyl methacrylate	10	8.19		ppb v/v		82	70 - 130
Propene	10	8.01		ppb v/v		80	58 - 130
tert-Butyl alcohol	11	8.98		ppb v/v		81	50 - 130
Tetrahydrofuran	10	8.68		ppb v/v		87	54 - 143
Vinyl acetate	10	9.62		ppb v/v		96	70 - 137

Method: EPA-18 - Volatile Organic Compounds

Lab Sample ID: MB 410-733806/3
Matrix: Air
Analysis Batch: 733806

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		3.3	0.59	mg/m3			11/21/25 18:10	1
C1-C10 as methane	ND		6.6	3.3	mg/m3			11/21/25 18:10	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		5.0	0.90	ppm v/v			11/21/25 18:10	1
C1-C10 as methane	ND		10	5.0	ppm v/v			11/21/25 18:10	1

QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-254031-1
Project/Site: EMGPRP-31097

Air - GC/MS VOA

Analysis Batch: 734732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-254031-3	LICC Air	Total/NA	Air	TO-15	
MB 410-734732/7	Method Blank	Total/NA	Air	TO-15	
LCS 410-734732/4	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 739677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-254031-1	Flame Ox Effluent	Total/NA	Air	TO-15	
410-254031-2	SVE Combined Influent	Total/NA	Air	TO-15	
410-254031-4	ORS AS Influent	Total/NA	Air	TO-15	
410-254031-5	SVE Influent	Total/NA	Air	TO-15	
MB 410-739677/7	Method Blank	Total/NA	Air	TO-15	
LCS 410-739677/4	Lab Control Sample	Total/NA	Air	TO-15	

Air - GC VOA

Analysis Batch: 733806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-254031-1	Flame Ox Effluent	Total/NA	Air	EPA-18	
410-254031-2	SVE Combined Influent	Total/NA	Air	EPA-18	
410-254031-3	LICC Air	Total/NA	Air	EPA-18	
410-254031-4	ORS AS Influent	Total/NA	Air	EPA-18	
410-254031-5	SVE Influent	Total/NA	Air	EPA-18	
MB 410-733806/3	Method Blank	Total/NA	Air	EPA-18	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-254031-1

Client Sample ID: Flame Ox Effluent

Lab Sample ID: 410-254031-1

Date Collected: 11/14/25 12:18
Matrix: Air
Date Received: 11/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		10	739677	D7UM	ELLE	12/06/25 09:17
Total/NA	Analysis	EPA-18		10	733806	XU8K	ELLE	11/21/25 20:04

Client Sample ID: SVE Combined Influent

Lab Sample ID: 410-254031-2

Date Collected: 11/14/25 12:40
Matrix: Air
Date Received: 11/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1000	739677	D7UM	ELLE	12/05/25 20:42
Total/NA	Analysis	EPA-18		200	733806	XU8K	ELLE	11/21/25 20:33

Client Sample ID: LICC Air

Lab Sample ID: 410-254031-3

Date Collected: 11/14/25 12:05
Matrix: Air
Date Received: 11/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	734732	D7UM	ELLE	11/24/25 20:41
Total/NA	Analysis	EPA-18		2	733806	XU8K	ELLE	11/21/25 21:01

Client Sample ID: ORS AS Influent

Lab Sample ID: 410-254031-4

Date Collected: 11/14/25 12:42
Matrix: Air
Date Received: 11/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		10	739677	D7UM	ELLE	12/05/25 20:21
Total/NA	Analysis	EPA-18		2	733806	XU8K	ELLE	11/21/25 21:29

Client Sample ID: SVE Influent

Lab Sample ID: 410-254031-5

Date Collected: 11/14/25 12:36
Matrix: Air
Date Received: 11/20/25 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1000	739677	D7UM	ELLE	12/05/25 21:04
Total/NA	Analysis	EPA-18		40	733806	XU8K	ELLE	11/21/25 21:58

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-254031-1
Project/Site: EMGPRP-31097

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
EPA-18		Air	C1-C10 as methane
EPA-18		Air	Methane
TO-15		Air	2-Hexanone
TO-15		Air	4-Ethyltoluene
TO-15		Air	Ethanol
TO-15		Air	Ethyl acetate
TO-15		Air	Propene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-254031-1
Project/Site: EMGPRP-31097

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	ELLE
EPA-18	Volatile Organic Compounds	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Summa Canister Field Test Data/Chain of Custody

410-254031 Chain of Custody

For Eurofins Lancaster Laboratories Environmental use only

Acct. # _____ Group # _____ Sample # _____ Bottle Order (SCR) # _____

Client Information

Client Information: Roux Environmental Engineering and Geology, D.P.C. Account #

Project Name/#: EMGPRP-31097 Eurofins - EMES Agreement #: A2604415

Project Manager: Jacqueline Carames P.O. #: WAL#5199

Sampler: Darnell King Quote #:

Name of state where samples were collected: NY

Turnaround Time Requested (TAT) (circle one)

(Standard) Rush (specify) _____

Data Package Required? Yes (No)

EDD Required? (Yes) No

	Temperature (F)		Pressure ("Hg)	
	Start	Stop	Start	Stop
Ambient				
Maximum				
Minimum				

Sample Identification	Start Date/Time (24-hour clock)	Stop Date/Time (24-hour clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Flow Reg. ID	Can ID	Can Size (L)	Controller Flowrate (mL/min)	EPA TO - 15	EPA 18/EPA 25 (TPH and Methane)	EPA 18/EPA 25 (Full List)	Helium as tracer	O2/CO2	Library Search	
Flame Ox Effluent	11/14/25 12:18	N/A	-30	0			Grab	1439	6		X	X					
SVE Combined Influent	11/14/25 12:40	N/A	-30	0			Grab	1804	6		X	X					
LICC Air	11/14/25 12:05	N/A	-30	0			Grab	2594	6		X	X					
ORS AS Influent	11/14/25 12:42	N/A	-30	0			Grab	2556	6		X	X					
SVE Influent	11/14/25 12:36	N/A	-30	0			Grab	521	6		X	X					

Analyses Requested

EPA TO - 15 | EPA 18/EPA 25 (TPH and Methane) | EPA 18/EPA 25 (Full List) | Helium as tracer | O2/CO2 | Library Search

Instructions/QC Requirements & Comments

EPA 25 (check one)

- ☐ C1 - C4
- ☐ C2 - C10
- ☒ C1 - C10
- ☐ C4 - C10 (GRO)
- ☐ C2 - C4

		Canisters Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
					11/20/25 1247		
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
					11/20/25 13:40		
Relinquished by: MCA	Date/Time: 11.20.25 17:40	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time: 11/20/25 1700

The white copy should accompany samples to Eurofins Lancaster Laboratories Environmental. The yellow copy should be retained by the client.

7056 1015

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 410-254031-1

Login Number: 254031

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Jeremiah, Cory T

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	N/A	
Cooler Temperature is recorded.	N/A	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Definitions/Glossary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-254031-1
Project/Site: EMGPRP-31097

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Air - GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Summa Canister Dilution Worksheet

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job No.: 410-254031-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
410-254031-1	6	-0.09	1.00	5.98	14.52	1.99	11.93		1.99	1.99		11/21/25 21:15	XU8K
410-254031-2	6	1.80	1.06	6.36	16.39	2.11	12.69		1.99	1.99		11/21/25 21:15	XU8K
410-254031-3	6	0.23	1.01	6.05	14.86	2.01	12.07		2.00	2.00		11/21/25 21:15	XU8K
410-254031-4	6	2.81	1.09	6.56	17.44	2.19	13.12		2.00	2.00		11/21/25 21:16	XU8K
410-254031-5	6	-4.45	0.85	5.11	10.25	1.70	10.18		1.99	1.99		11/21/25 21:16	XU8K

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-250791-1

SDG No.:

Client Sample ID: 1637 Lab Sample ID: 410-250791-1

Matrix: Air Lab File ID: 7O29X20.D

Analysis Method: TO-15 Date Collected: 10/17/2025 03:35

Sample wt/vol: 200(mL) Date Analyzed: 10/31/2025 02:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 722307 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-250791-1

SDG No.:

Client Sample ID: 1637 Lab Sample ID: 410-250791-1

Matrix: Air Lab File ID: 7O29X20.D

Analysis Method: TO-15 Date Collected: 10/17/2025 03:35

Sample wt/vol: 200(mL) Date Analyzed: 10/31/2025 02:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 722307 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-250791-1

SDG No.:

Client Sample ID: 1637
Lab Sample ID: 410-250791-1

Matrix: Air
Lab File ID: 7O29X20.D

Analysis Method: TO-15
Date Collected: 10/17/2025 03:35

Sample wt/vol: 200(mL)
Date Analyzed: 10/31/2025 02:53

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume:
Heated Purge: (Y/N) pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 722307
Units: ppb v/v

Preparation Batch No.:
Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND	*+	1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20251030-165066.b\7O29X20.D				
Lims ID:	410-250791-A-1				
Client ID:	1637				
Sample Type:	Client				
Inject. Date:	31-Oct-2025 02:53:15	ALS Bottle#:	5	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc1637				
Misc. Info.:	410-0165066-020				
Operator ID:	AL109694	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20251030-165066.b\TO15_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	05-Nov-2025 11:15:50	Calib Date:	19-Sep-2025 09:55:02		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\7S18X25.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1630				
First Level Reviewer: D7UM		Date:	31-Oct-2025 08:14:18		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.326	3.314	0.014	72	1717	0.0841	M
11 Pentane	43	5.582	5.587	0.000	89	17919	0.3856	
23 Acetone	43	6.377	6.375	0.007	97	48547	1.14	M
25 Hexane	56	8.097	8.110	-0.007	78	4837	0.2224	
43 2-Butanone (MEK)	72	9.178	9.185	0.000	85	1360	0.1166	
* 35 Chlorobromomethane (IS)	130	9.608	9.608	0.000	90	268699	10.0	
36 Cyclohexane	56	10.210	10.196	0.022	49	7709	0.1934	
* 50 1,4-Difluorobenzene	114	11.212	11.212	0.000	96	1004578	10.0	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	90	922312	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

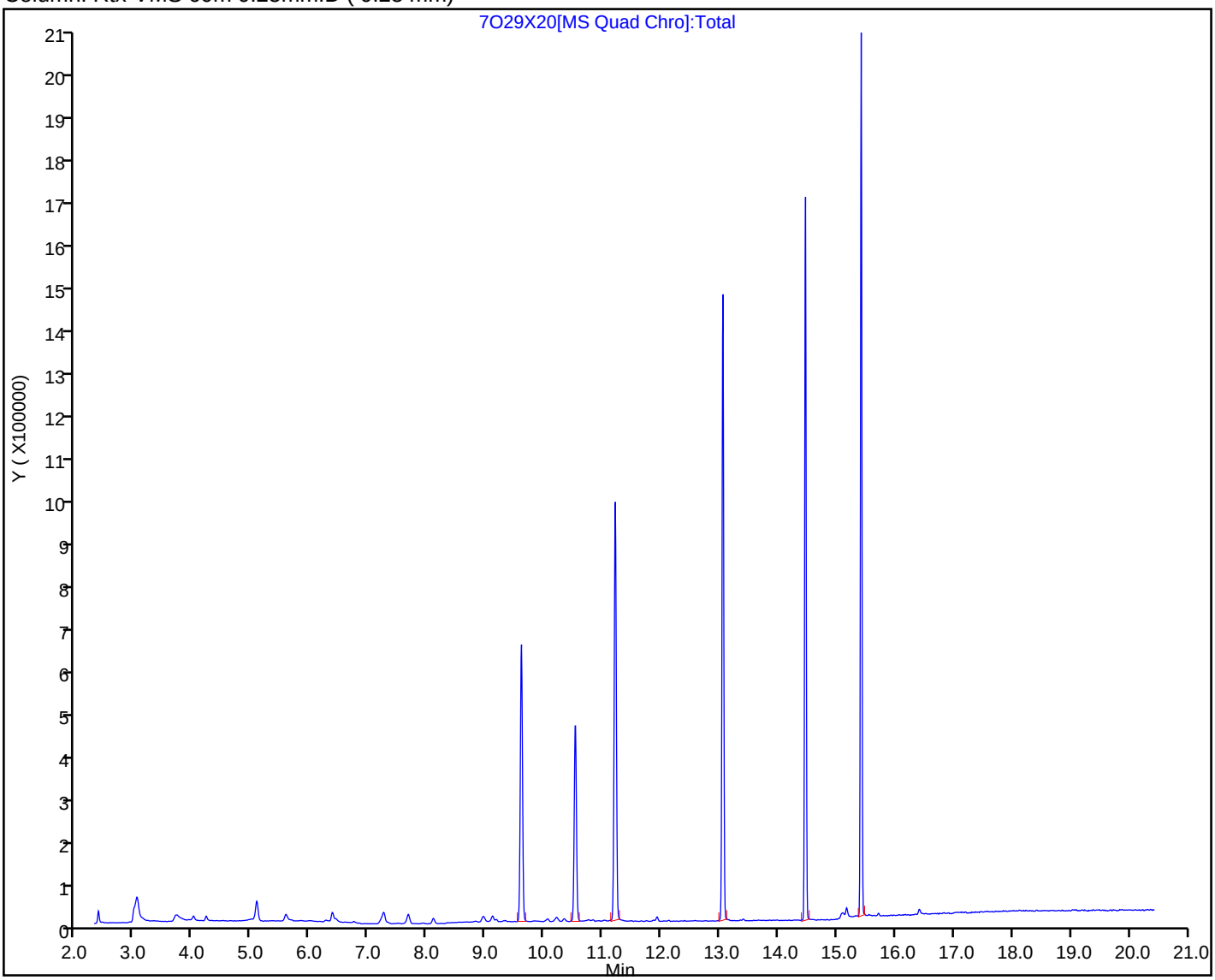
AIRIS200 ppb_00551 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Nov-2025 11:53:06 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20251030-165066.b\7O29X20.D				
Injection Date:	31-Oct-2025 02:53:15	Instrument ID:	HP8R004		
Lims ID:	410-250791-A-1	Lab Sample ID:	410-250791-1		
Client ID:	1637				
Operator ID:	AL109694	ALS Bottle#:	5	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

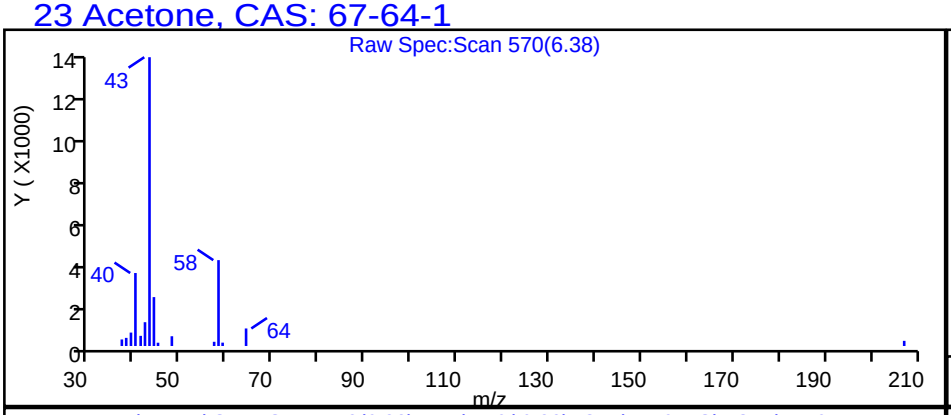


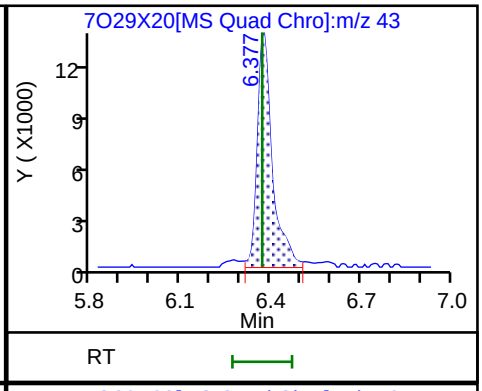
Report Date: 12-Nov-2025 11:53:06 Chrom Revision: 2.3 17-Oct-2025 18:32:50

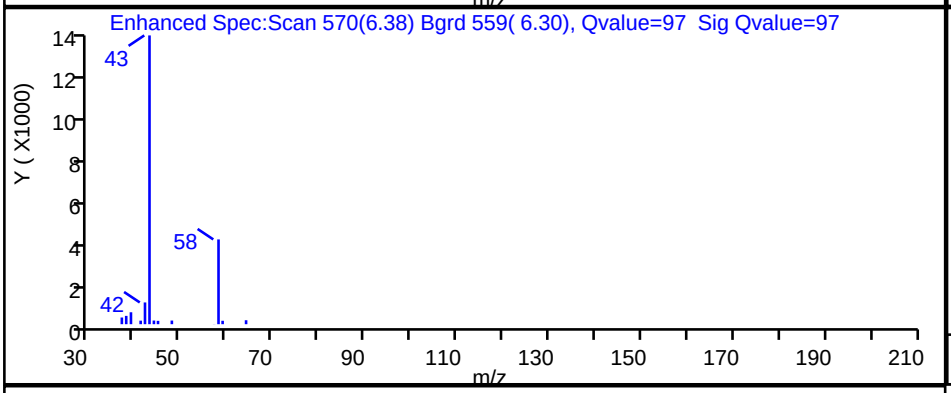
Eurofins Lancaster Laboratories Environment Testing, LLC

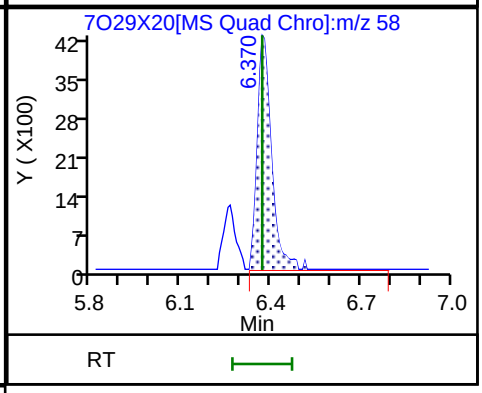
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Injection Date:	31-Oct-2025 02:53:15	Instrument ID:	HP8R004		
Lims ID:	410-250791-A-1	Lab Sample ID:	410-250791-1		
Client ID:	1637				
Operator ID:	AL109694	ALS Bottle#:	5	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

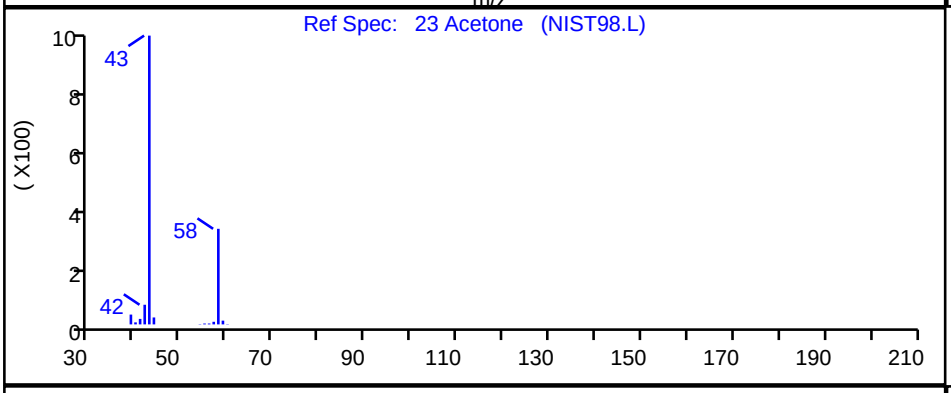
23 Acetone, CAS: 67-64-1

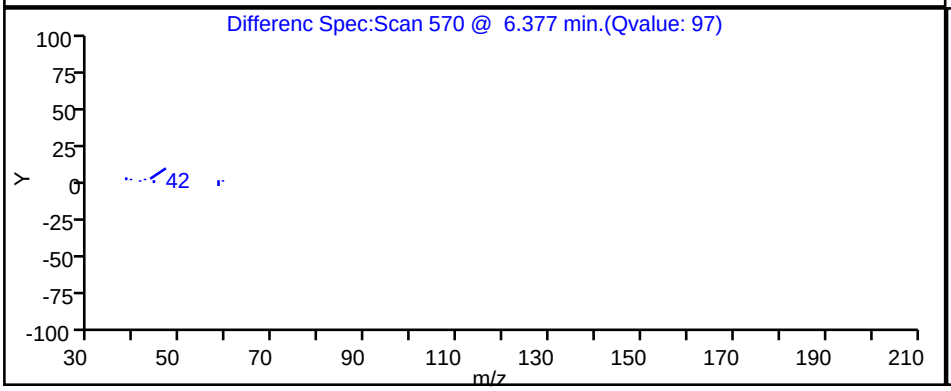


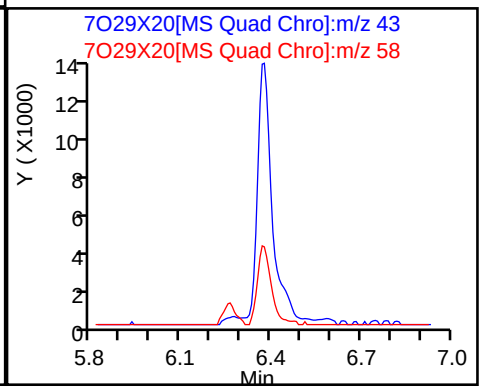












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

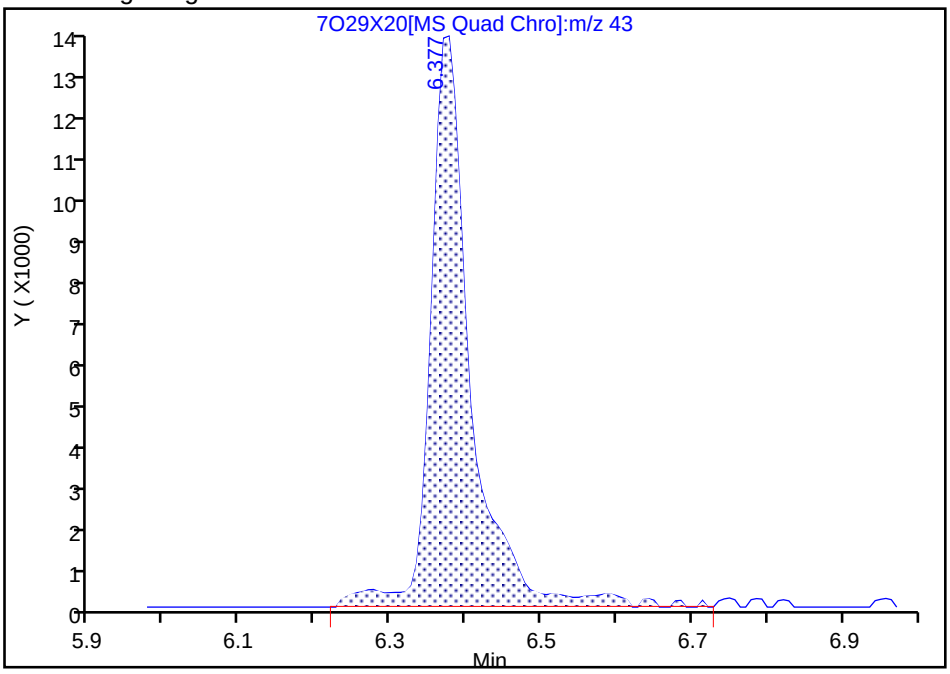
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Injection Date:	31-Oct-2025 02:53:15	Instrument ID:	HP8R004		
Lims ID:	410-250791-A-1	Lab Sample ID:	410-250791-1		
Client ID:	1637				
Operator ID:	AL109694	ALS Bottle#:	5	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetone, CAS: 67-64-1

Signal: 1

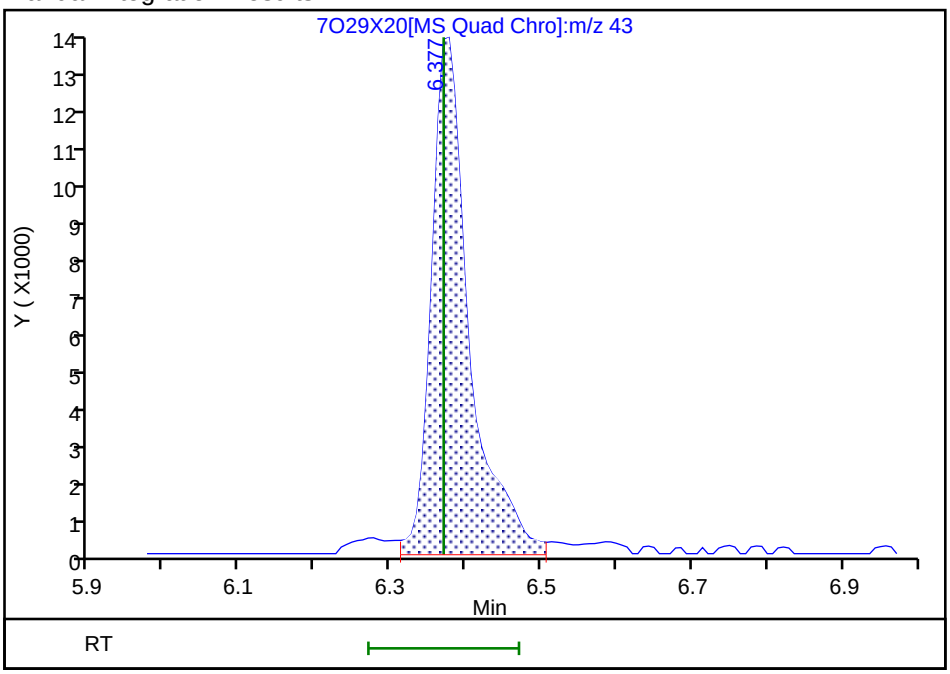
Processing Integration Results

RT: 6.38
Area: 52516
Amount: 1.229385
Amount Units: ppb v/v



Manual Integration Results

RT: 6.38
Area: 48547
Amount: 1.136471
Amount Units: ppb v/v



Reviewer: D7UM, 31-Oct-2025 08:16:17 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

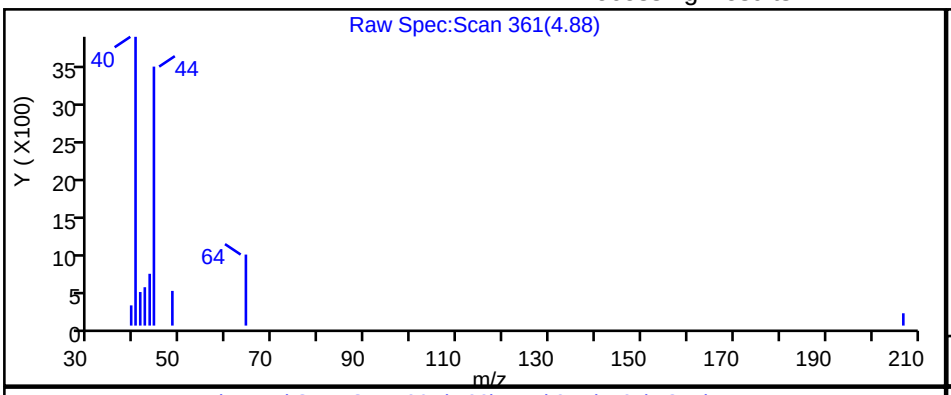
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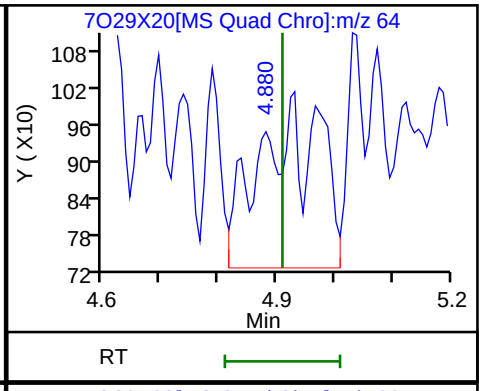
Eurofins Lancaster Laboratories Environment Testing, LLC

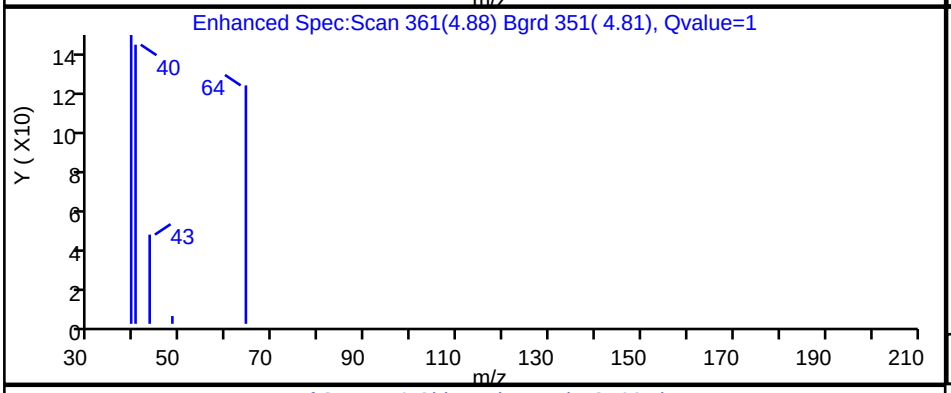
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Injection Date:	31-Oct-2025 02:53:15	Instrument ID:	HP8R004		
Lims ID:	410-250791-A-1	Lab Sample ID:	410-250791-1		
Client ID:	1637				
Operator ID:	AL109694	ALS Bottle#:	5	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

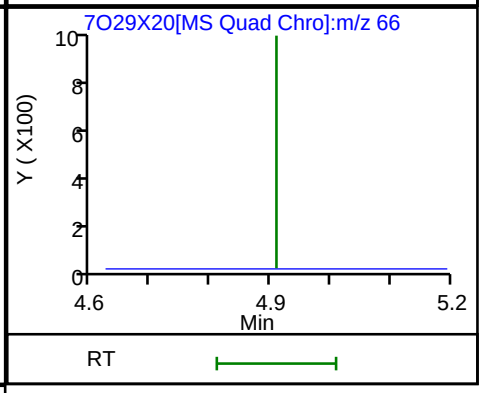
9 Chloroethane, CAS: 75-00-3

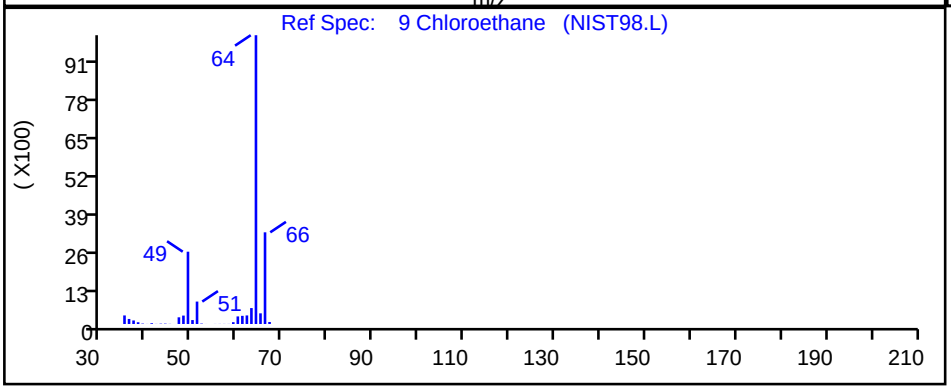
Processing Results











RT	Mass	Response	Amount
4.88	64.00	2005	0.148682
4.91	66.00	0	

Reviewer: D7UM, 31-Oct-2025 08:15:08 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

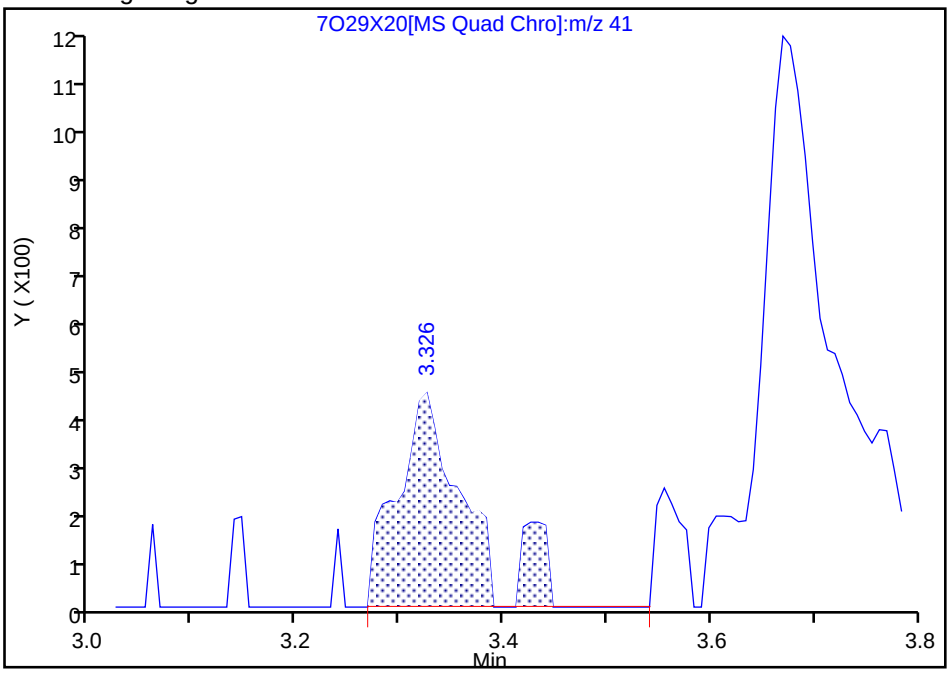
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Injection Date:	31-Oct-2025 02:53:15	Instrument ID:	HP8R004		
Lims ID:	410-250791-A-1	Lab Sample ID:	410-250791-1		
Client ID:	1637				
Operator ID:	AL109694	ALS Bottle#:	5	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

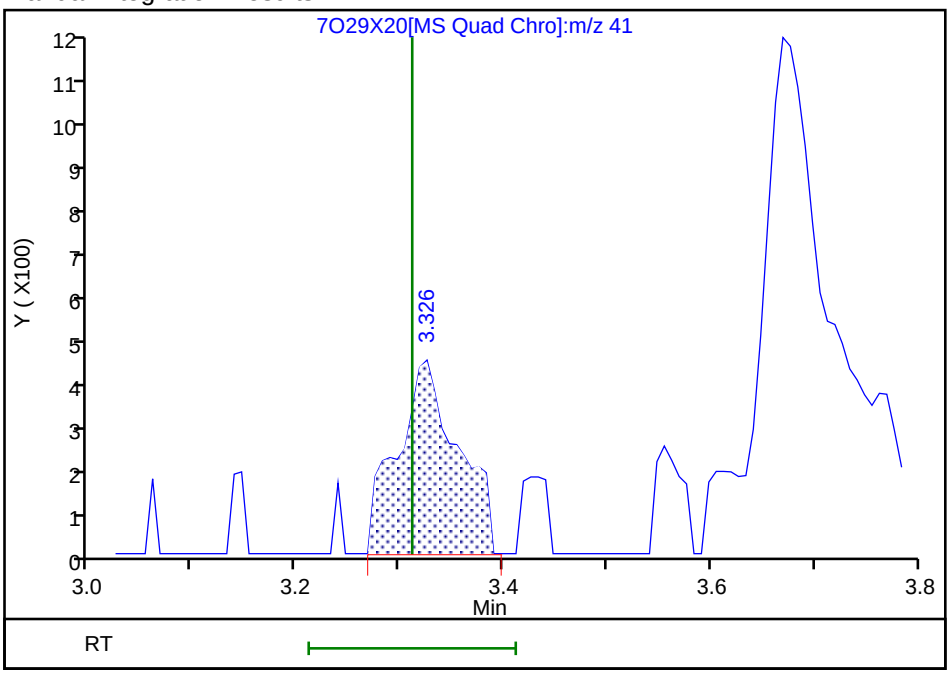
Processing Integration Results

RT: 3.33
Area: 1996
Amount: 0.097753
Amount Units: ppb v/v



Manual Integration Results

RT: 3.33
Area: 1717
Amount: 0.084089
Amount Units: ppb v/v



Reviewer: D7UM, 31-Oct-2025 08:14:57 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

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ANALYTICAL REPORT

PREPARED FOR

Attn: Natalia Barragan-Valderrama
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 1/9/2026 8:08:58 AM

JOB DESCRIPTION

EMGPRP-31097

JOB NUMBER

410-258483-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

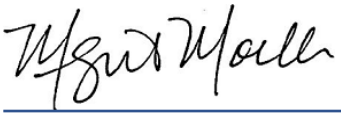
myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
1/9/2026 8:08:58 AM

Authorized for release by
Megan Moeller, Client Services Manager
Megan.Moeller@et.eurofinsus.com
(717)556-7261

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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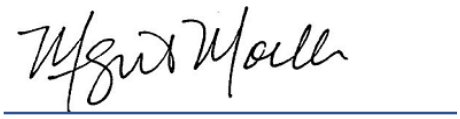


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Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-258483-1
Project/Site: EMGPRP-31097

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-258483-1	Flame Ox Effluent	Air	12/12/25 09:55	12/18/25 22:06	Air Canister (6-Liter) #1932
410-258483-2	SVE Combined Influent	Air	12/12/25 12:07	12/18/25 22:06	Air Canister (6-Liter) #4225
410-258483-3	LICC Air	Air	12/12/25 10:05	12/18/25 22:06	Air Canister (6-Liter) #840
410-258483-4	ORS AS Influent	Air	12/12/25 12:12	12/18/25 22:06	Air Canister (6-Liter) #532
410-258483-5	SVE Influent	Air	12/12/25 12:10	12/18/25 22:06	Air Canister (6-Liter) #5022

Job ID: 410-258483-1 — Eurofins Lancaster Laboratories Environment

Job Narrative
410-258483-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/18/2025 10:06 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Air - GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Air - GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: Flame Ox Effluent — Lab Sample ID: 410-258483-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	20	J	40	3.2	ug/m3	10		TO-15	Total/NA
2-Butanone	58		29	6.2	ug/m3	10		TO-15	Total/NA
Acetone	420		120	24	ug/m3	10		TO-15	Total/NA
Benzene	18	J	32	3.5	ug/m3	10		TO-15	Total/NA
Chloroethane	13	J	26	7.9	ug/m3	10		TO-15	Total/NA
Chloroform	5.3	J	49	4.5	ug/m3	10		TO-15	Total/NA
Chloromethane	9.0	J	21	8.3	ug/m3	10		TO-15	Total/NA
Heptane	590		41	9.4	ug/m3	10		TO-15	Total/NA
Hexane	740		35	11	ug/m3	10		TO-15	Total/NA
Isooctane	150		47	19	ug/m3	10		TO-15	Total/NA
Cyclohexane	650		34	6.9	ug/m3	10		TO-15	Total/NA
Methylene Chloride	23	J	69	8.7	ug/m3	10		TO-15	Total/NA
Tetrachloroethene	290		140	17	ug/m3	10		TO-15	Total/NA
Trichloroethene	43	J	54	9.7	ug/m3	10		TO-15	Total/NA
Propene	46		17	5.2	ug/m3	10		TO-15	Total/NA
Methane	140		33	5.9	mg/m3	10		EPA-18	Total/NA
C1-C10 as methane	140		66	33	mg/m3	10		EPA-18	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	5.0	J	10	0.80	ppb v/v	10		TO-15	Total/NA
2-Butanone	20		10	2.1	ppb v/v	10		TO-15	Total/NA
Acetone	180		50	10	ppb v/v	10		TO-15	Total/NA
Benzene	5.8	J	10	1.1	ppb v/v	10		TO-15	Total/NA
Chloroethane	4.8	J	10	3.0	ppb v/v	10		TO-15	Total/NA
Chloroform	1.1	J	10	0.92	ppb v/v	10		TO-15	Total/NA
Chloromethane	4.3	J	10	4.0	ppb v/v	10		TO-15	Total/NA
Heptane	150		10	2.3	ppb v/v	10		TO-15	Total/NA
Hexane	210		10	3.0	ppb v/v	10		TO-15	Total/NA
Isooctane	32		10	4.0	ppb v/v	10		TO-15	Total/NA
Cyclohexane	190		10	2.0	ppb v/v	10		TO-15	Total/NA
Methylene Chloride	6.8	J	20	2.5	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene	42		20	2.5	ppb v/v	10		TO-15	Total/NA
Trichloroethene	8.0	J	10	1.8	ppb v/v	10		TO-15	Total/NA
Propene	27		10	3.0	ppb v/v	10		TO-15	Total/NA
Methane	210		50	9.0	ppm v/v	10		EPA-18	Total/NA
C1-C10 as methane	210		100	50	ppm v/v	10		EPA-18	Total/NA

Client Sample ID: SVE Combined Influent — Lab Sample ID: 410-258483-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloroethane	34000		5500	650	ug/m3	1000		TO-15	Total/NA
1,2,4-Trimethylbenzene	6800	J	9800	1400	ug/m3	1000		TO-15	Total/NA
1,3,5-Trimethylbenzene	3500	J	9800	1600	ug/m3	1000		TO-15	Total/NA
4-Ethyltoluene	2300	J	4900	880	ug/m3	1000		TO-15	Total/NA
Benzene	8400		3200	350	ug/m3	1000		TO-15	Total/NA
Ethylbenzene	7100		4300	830	ug/m3	1000		TO-15	Total/NA
Heptane	100000		4100	940	ug/m3	1000		TO-15	Total/NA
Hexane	68000		3500	1100	ug/m3	1000		TO-15	Total/NA
Isooctane	24000		4700	1900	ug/m3	1000		TO-15	Total/NA
m&p-Xylene	42000		4300	1100	ug/m3	1000		TO-15	Total/NA
Cyclohexane	110000		3400	690	ug/m3	1000		TO-15	Total/NA
o-Xylene	2000	J	4300	830	ug/m3	1000		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SVE Combined Influent (Continued)

Lab Sample ID: 410-258483-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methane	2100		660	120	mg/m3	200		EPA-18	Total/NA
C1-C10 as methane	2800		1300	660	mg/m3	200		EPA-18	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloroethane	6200		1000	120	ppb v/v	1000		TO-15	Total/NA
1,2,4-Trimethylbenzene	1400	J	2000	280	ppb v/v	1000		TO-15	Total/NA
1,3,5-Trimethylbenzene	720	J	2000	320	ppb v/v	1000		TO-15	Total/NA
4-Ethyltoluene	470	J	1000	180	ppb v/v	1000		TO-15	Total/NA
Benzene	2600		1000	110	ppb v/v	1000		TO-15	Total/NA
Ethylbenzene	1600		1000	190	ppb v/v	1000		TO-15	Total/NA
Heptane	25000		1000	230	ppb v/v	1000		TO-15	Total/NA
Hexane	19000		1000	300	ppb v/v	1000		TO-15	Total/NA
Isooctane	5100		1000	400	ppb v/v	1000		TO-15	Total/NA
m&p-Xylene	9700		1000	260	ppb v/v	1000		TO-15	Total/NA
Cyclohexane	33000		1000	200	ppb v/v	1000		TO-15	Total/NA
o-Xylene	450	J	1000	190	ppb v/v	1000		TO-15	Total/NA
Methane	3200		1000	180	ppm v/v	200		EPA-18	Total/NA
C1-C10 as methane	4300		2000	1000	ppm v/v	200		EPA-18	Total/NA

Client Sample ID: LICC Air

Lab Sample ID: 410-258483-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	4.2	J	9.8	1.4	ug/m3	1		TO-15	Total/NA
2-Butanone	1.9	J	2.9	0.62	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	1.4	J	4.9	0.88	ug/m3	1		TO-15	Total/NA
Acetone	10	J	12	2.4	ug/m3	1		TO-15	Total/NA
Benzene	4.0		3.2	0.35	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.0	J	4.9	0.64	ug/m3	1		TO-15	Total/NA
Ethylbenzene	4.3		4.3	0.83	ug/m3	1		TO-15	Total/NA
Heptane	8.4		4.1	0.94	ug/m3	1		TO-15	Total/NA
Hexane	9.6		3.5	1.1	ug/m3	1		TO-15	Total/NA
Isooctane	3.7	J	4.7	1.9	ug/m3	1		TO-15	Total/NA
m&p-Xylene	13		4.3	1.1	ug/m3	1		TO-15	Total/NA
Cyclohexane	8.8		3.4	0.69	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.88	J	6.9	0.87	ug/m3	1		TO-15	Total/NA
o-Xylene	4.6		4.3	0.83	ug/m3	1		TO-15	Total/NA
Ethanol	34		9.4	3.8	ug/m3	1		TO-15	Total/NA
Toluene	15		3.8	1.5	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1	J	5.6	0.84	ug/m3	1		TO-15	Total/NA
Isopropanol	4.0		2.5	1.5	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.85	J	2.0	0.28	ppb v/v	1		TO-15	Total/NA
2-Butanone	0.64	J	1.0	0.21	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.28	J	1.0	0.18	ppb v/v	1		TO-15	Total/NA
Acetone	4.3	J	5.0	1.0	ppb v/v	1		TO-15	Total/NA
Benzene	1.3		1.0	0.11	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.41	J	1.0	0.13	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.98		1.0	0.19	ppb v/v	1		TO-15	Total/NA
Heptane	2.1		1.0	0.23	ppb v/v	1		TO-15	Total/NA
Hexane	2.7		1.0	0.30	ppb v/v	1		TO-15	Total/NA
Isooctane	0.78	J	1.0	0.40	ppb v/v	1		TO-15	Total/NA
m&p-Xylene	3.1		1.0	0.26	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: LICC Air (Continued)

Lab Sample ID: 410-258483-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	2.6		1.0	0.20	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.25	J	2.0	0.25	ppb v/v	1		TO-15	Total/NA
o-Xylene	1.1		1.0	0.19	ppb v/v	1		TO-15	Total/NA
Ethanol	18		5.0	2.0	ppb v/v	1		TO-15	Total/NA
Toluene	4.0		1.0	0.40	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.19	J	1.0	0.15	ppb v/v	1		TO-15	Total/NA
Isopropanol	1.6		1.0	0.60	ppb v/v	1		TO-15	Total/NA

Client Sample ID: ORS AS Influent

Lab Sample ID: 410-258483-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.8	J	40	3.6	ug/m3	10		TO-15	Total/NA
1,1-Dichloroethene	6.4	J	40	5.6	ug/m3	10		TO-15	Total/NA
1,2,4-Trimethylbenzene	20	J	98	14	ug/m3	10		TO-15	Total/NA
1,2-Dichloroethane	48		40	3.2	ug/m3	10		TO-15	Total/NA
4-Ethyltoluene	9.3	J	49	8.8	ug/m3	10		TO-15	Total/NA
Acetone	24	J	120	24	ug/m3	10		TO-15	Total/NA
Benzene	620		32	3.5	ug/m3	10		TO-15	Total/NA
cis-1,2-Dichloroethene	430		40	7.9	ug/m3	10		TO-15	Total/NA
Ethylbenzene	31	J	43	8.3	ug/m3	10		TO-15	Total/NA
Heptane	100		41	9.4	ug/m3	10		TO-15	Total/NA
Hexane	150		35	11	ug/m3	10		TO-15	Total/NA
m&p-Xylene	77		43	11	ug/m3	10		TO-15	Total/NA
Cyclohexane	660		34	6.9	ug/m3	10		TO-15	Total/NA
Methyl t-butyl ether	52		36	5.4	ug/m3	10		TO-15	Total/NA
Tetrachloroethene	1100		140	17	ug/m3	10		TO-15	Total/NA
Toluene	25	J	38	15	ug/m3	10		TO-15	Total/NA
Trichloroethene	1300		54	9.7	ug/m3	10		TO-15	Total/NA
Methane	19		6.6	1.2	mg/m3	2		EPA-18	Total/NA
C1-C10 as methane	19		13	6.6	mg/m3	2		EPA-18	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.4	J	10	0.89	ppb v/v	10		TO-15	Total/NA
1,1-Dichloroethene	1.6	J	10	1.4	ppb v/v	10		TO-15	Total/NA
1,2,4-Trimethylbenzene	4.0	J	20	2.8	ppb v/v	10		TO-15	Total/NA
1,2-Dichloroethane	12		10	0.80	ppb v/v	10		TO-15	Total/NA
4-Ethyltoluene	1.9	J	10	1.8	ppb v/v	10		TO-15	Total/NA
Acetone	9.9	J	50	10	ppb v/v	10		TO-15	Total/NA
Benzene	190		10	1.1	ppb v/v	10		TO-15	Total/NA
cis-1,2-Dichloroethene	110		10	2.0	ppb v/v	10		TO-15	Total/NA
Ethylbenzene	7.2	J	10	1.9	ppb v/v	10		TO-15	Total/NA
Heptane	24		10	2.3	ppb v/v	10		TO-15	Total/NA
Hexane	41		10	3.0	ppb v/v	10		TO-15	Total/NA
m&p-Xylene	18		10	2.6	ppb v/v	10		TO-15	Total/NA
Cyclohexane	190		10	2.0	ppb v/v	10		TO-15	Total/NA
Methyl t-butyl ether	14		10	1.5	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene	160		20	2.5	ppb v/v	10		TO-15	Total/NA
Toluene	6.5	J	10	4.0	ppb v/v	10		TO-15	Total/NA
Trichloroethene	250		10	1.8	ppb v/v	10		TO-15	Total/NA
Methane	28		10	1.8	ppm v/v	2		EPA-18	Total/NA
C1-C10 as methane	29		20	10	ppm v/v	2		EPA-18	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: SVE Influent

Lab Sample ID: 410-258483-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloroethane	26000		5500	650	ug/m3	1000		TO-15	Total/NA
1,2,4-Trimethylbenzene	2700	J	9800	1400	ug/m3	1000		TO-15	Total/NA
1,3,5-Trimethylbenzene	1600	J	9800	1600	ug/m3	1000		TO-15	Total/NA
4-Ethyltoluene	1000	J	4900	880	ug/m3	1000		TO-15	Total/NA
Benzene	7100		3200	350	ug/m3	1000		TO-15	Total/NA
Ethylbenzene	4400		4300	830	ug/m3	1000		TO-15	Total/NA
Heptane	84000		4100	940	ug/m3	1000		TO-15	Total/NA
Hexane	58000		3500	1100	ug/m3	1000		TO-15	Total/NA
Isooctane	20000		4700	1900	ug/m3	1000		TO-15	Total/NA
m&p-Xylene	25000		4300	1100	ug/m3	1000		TO-15	Total/NA
Cyclohexane	99000		3400	690	ug/m3	1000		TO-15	Total/NA
o-Xylene	1300	J	4300	830	ug/m3	1000		TO-15	Total/NA
Methane	1800		160	30	mg/m3	50		EPA-18	Total/NA
C1-C10 as methane	3000		330	160	mg/m3	50		EPA-18	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloroethane	4800		1000	120	ppb v/v	1000		TO-15	Total/NA
1,2,4-Trimethylbenzene	550	J	2000	280	ppb v/v	1000		TO-15	Total/NA
1,3,5-Trimethylbenzene	330	J	2000	320	ppb v/v	1000		TO-15	Total/NA
4-Ethyltoluene	210	J	1000	180	ppb v/v	1000		TO-15	Total/NA
Benzene	2200		1000	110	ppb v/v	1000		TO-15	Total/NA
Ethylbenzene	1000		1000	190	ppb v/v	1000		TO-15	Total/NA
Heptane	21000		1000	230	ppb v/v	1000		TO-15	Total/NA
Hexane	17000		1000	300	ppb v/v	1000		TO-15	Total/NA
Isooctane	4300		1000	400	ppb v/v	1000		TO-15	Total/NA
m&p-Xylene	5800		1000	260	ppb v/v	1000		TO-15	Total/NA
Cyclohexane	29000		1000	200	ppb v/v	1000		TO-15	Total/NA
o-Xylene	290	J	1000	190	ppb v/v	1000		TO-15	Total/NA
Methane	2800		250	45	ppm v/v	50		EPA-18	Total/NA
C1-C10 as methane	4600		500	250	ppm v/v	50		EPA-18	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: Flame Ox Effluent
Date Collected: 12/12/25 09:55
Date Received: 12/18/25 22:06
Sample Time: 0 Min

Lab Sample ID: 410-258483-1
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		55	6.5	ug/m3			01/03/26 17:25	10
1,1,2,2-Tetrachloroethane	ND		69	10	ug/m3			01/03/26 17:25	10
1,1,2-Trichloroethane	ND		55	6.5	ug/m3			01/03/26 17:25	10
1,1-Dichloroethane	ND		40	3.6	ug/m3			01/03/26 17:25	10
1,1-Dichloroethene	ND		40	5.6	ug/m3			01/03/26 17:25	10
1,2,4-Trichlorobenzene	ND		150	37	ug/m3			01/03/26 17:25	10
1,2,4-Trimethylbenzene	ND		98	14	ug/m3			01/03/26 17:25	10
1,2-Dibromoethane	ND		77	10	ug/m3			01/03/26 17:25	10
1,2-Dichlorobenzene	ND		60	12	ug/m3			01/03/26 17:25	10
1,2-Dichloroethane	**20**	**J**	40	3.2	ug/m3			01/03/26 17:25	10
1,2-Dichloropropane	ND		46	6.0	ug/m3			01/03/26 17:25	10
1,3,5-Trimethylbenzene	ND		98	16	ug/m3			01/03/26 17:25	10
1,3-Butadiene	ND		22	3.8	ug/m3			01/03/26 17:25	10
1,3-Dichlorobenzene	ND		60	18	ug/m3			01/03/26 17:25	10
1,4-Dichlorobenzene	ND		60	18	ug/m3			01/03/26 17:25	10
2-Butanone	**58**		29	6.2	ug/m3			01/03/26 17:25	10
2-Hexanone	ND		82	20	ug/m3			01/03/26 17:25	10
3-Chloroprene	ND		31	6.3	ug/m3			01/03/26 17:25	10
4-Ethyltoluene	ND		49	8.8	ug/m3			01/03/26 17:25	10
1,4-Dioxane	ND		36	6.1	ug/m3			01/03/26 17:25	10
4-Methyl-2-pentanone	ND		41	6.1	ug/m3			01/03/26 17:25	10
Acetone	**420**		120	24	ug/m3			01/03/26 17:25	10
2-Chlorotoluene	ND		52	11	ug/m3			01/03/26 17:25	10
Benzene	**18**	**J**	32	3.5	ug/m3			01/03/26 17:25	10
Bromodichloromethane	ND		67	27	ug/m3			01/03/26 17:25	10
Bromoform	ND		100	41	ug/m3			01/03/26 17:25	10
Bromomethane	ND		39	7.8	ug/m3			01/03/26 17:25	10
Carbon disulfide	ND		31	12	ug/m3			01/03/26 17:25	10
Carbon tetrachloride	ND		63	8.8	ug/m3			01/03/26 17:25	10
Chlorobenzene	ND		46	6.0	ug/m3			01/03/26 17:25	10
Chloroethane	**13**	**J**	26	7.9	ug/m3			01/03/26 17:25	10
Chloroform	**5.3**	**J**	49	4.5	ug/m3			01/03/26 17:25	10
Chloromethane	**9.0**	**J**	21	8.3	ug/m3			01/03/26 17:25	10
cis-1,2-Dichloroethene	ND		40	7.9	ug/m3			01/03/26 17:25	10
cis-1,3-Dichloropropene	ND		45	4.5	ug/m3			01/03/26 17:25	10
Bromoethene	ND		44	7.9	ug/m3			01/03/26 17:25	10
Dibromochloromethane	ND		85	34	ug/m3			01/03/26 17:25	10
Dichlorodifluoromethane	ND		49	6.4	ug/m3			01/03/26 17:25	10
Ethylbenzene	ND		43	8.3	ug/m3			01/03/26 17:25	10
Freon 113	ND		77	15	ug/m3			01/03/26 17:25	10
Freon-114	ND		70	8.4	ug/m3			01/03/26 17:25	10
Heptane	**590**		41	9.4	ug/m3			01/03/26 17:25	10
Hexane	**740**		35	11	ug/m3			01/03/26 17:25	10
Isooctane	**150**		47	19	ug/m3			01/03/26 17:25	10
m&p-Xylene	ND		43	11	ug/m3			01/03/26 17:25	10
Cyclohexane	**650**		34	6.9	ug/m3			01/03/26 17:25	10
Methyl t-butyl ether	ND		36	5.4	ug/m3			01/03/26 17:25	10
Methylene Chloride	**23**	**J**	69	8.7	ug/m3			01/03/26 17:25	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: Flame Ox Effluent
Date Collected: 12/12/25 09:55
Date Received: 12/18/25 22:06
Sample Time: 0 Min

Lab Sample ID: 410-258483-1
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		43	8.3	ug/m3			01/03/26 17:25	10
Styrene	ND		43	8.5	ug/m3			01/03/26 17:25	10
Ethanol	ND		94	38	ug/m3			01/03/26 17:25	10
Tetrachloroethene	**290**		140	17	ug/m3			01/03/26 17:25	10
Ethyl acetate	ND		72	9.0	ug/m3			01/03/26 17:25	10
Toluene	ND		38	15	ug/m3			01/03/26 17:25	10
trans-1,2-Dichloroethene	ND		40	7.9	ug/m3			01/03/26 17:25	10
trans-1,3-Dichloropropene	ND		45	5.4	ug/m3			01/03/26 17:25	10
Trichloroethene	**43**	**J**	54	9.7	ug/m3			01/03/26 17:25	10
Trichlorofluoromethane	ND		56	8.4	ug/m3			01/03/26 17:25	10
Vinyl chloride	ND		26	3.1	ug/m3			01/03/26 17:25	10
Hexachlorobutadiene	ND		210	50	ug/m3			01/03/26 17:25	10
Isopropanol	ND		25	15	ug/m3			01/03/26 17:25	10
Methyl methacrylate	ND		41	6.1	ug/m3			01/03/26 17:25	10
Propene	**46**		17	5.2	ug/m3			01/03/26 17:25	10
tert-Butyl alcohol	ND		30	6.4	ug/m3			01/03/26 17:25	10
Tetrahydrofuran	ND		29	7.1	ug/m3			01/03/26 17:25	10
Vinyl acetate	ND		35	5.6	ug/m3			01/03/26 17:25	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	1.2	ppb v/v			01/03/26 17:25	10
1,1,2,2-Tetrachloroethane	ND		10	1.5	ppb v/v			01/03/26 17:25	10
1,1,2-Trichloroethane	ND		10	1.2	ppb v/v			01/03/26 17:25	10
1,1-Dichloroethane	ND		10	0.89	ppb v/v			01/03/26 17:25	10
1,1-Dichloroethene	ND		10	1.4	ppb v/v			01/03/26 17:25	10
1,2,4-Trichlorobenzene	ND		20	5.0	ppb v/v			01/03/26 17:25	10
1,2,4-Trimethylbenzene	ND		20	2.8	ppb v/v			01/03/26 17:25	10
1,2-Dibromoethane	ND		10	1.3	ppb v/v			01/03/26 17:25	10
1,2-Dichlorobenzene	ND		10	2.0	ppb v/v			01/03/26 17:25	10
1,2-Dichloroethane	**5.0**	**J**	10	0.80	ppb v/v			01/03/26 17:25	10
1,2-Dichloropropane	ND		10	1.3	ppb v/v			01/03/26 17:25	10
1,3,5-Trimethylbenzene	ND		20	3.2	ppb v/v			01/03/26 17:25	10
1,3-Butadiene	ND		10	1.7	ppb v/v			01/03/26 17:25	10
1,3-Dichlorobenzene	ND		10	3.0	ppb v/v			01/03/26 17:25	10
1,4-Dichlorobenzene	ND		10	3.0	ppb v/v			01/03/26 17:25	10
2-Butanone	**20**		10	2.1	ppb v/v			01/03/26 17:25	10
2-Hexanone	ND		20	5.0	ppb v/v			01/03/26 17:25	10
3-Chloroprene	ND		10	2.0	ppb v/v			01/03/26 17:25	10
4-Ethyltoluene	ND		10	1.8	ppb v/v			01/03/26 17:25	10
1,4-Dioxane	ND		10	1.7	ppb v/v			01/03/26 17:25	10
4-Methyl-2-pentanone	ND		10	1.5	ppb v/v			01/03/26 17:25	10
Acetone	**180**		50	10	ppb v/v			01/03/26 17:25	10
2-Chlorotoluene	ND		10	2.2	ppb v/v			01/03/26 17:25	10
Benzene	**5.8**	**J**	10	1.1	ppb v/v			01/03/26 17:25	10
Bromodichloromethane	ND		10	4.0	ppb v/v			01/03/26 17:25	10
Bromoform	ND		10	4.0	ppb v/v			01/03/26 17:25	10
Bromomethane	ND		10	2.0	ppb v/v			01/03/26 17:25	10
Carbon disulfide	ND		10	4.0	ppb v/v			01/03/26 17:25	10
Carbon tetrachloride	ND		10	1.4	ppb v/v			01/03/26 17:25	10

Client Sample ID: Flame Ox Effluent
Date Collected: 12/12/25 09:55
Date Received: 12/18/25 22:06
Sample Time: 0 Min

Lab Sample ID: 410-258483-1
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		10	1.3	ppb v/v			01/03/26 17:25	10
Chloroethane	**4.8**	**J**	10	3.0	ppb v/v			01/03/26 17:25	10
Chloroform	**1.1**	**J**	10	0.92	ppb v/v			01/03/26 17:25	10
Chloromethane	**4.3**	**J**	10	4.0	ppb v/v			01/03/26 17:25	10
cis-1,2-Dichloroethene	ND		10	2.0	ppb v/v			01/03/26 17:25	10
cis-1,3-Dichloropropene	ND		10	1.0	ppb v/v			01/03/26 17:25	10
Bromoethene	ND		10	1.8	ppb v/v			01/03/26 17:25	10
Dibromochloromethane	ND		10	4.0	ppb v/v			01/03/26 17:25	10
Dichlorodifluoromethane	ND		10	1.3	ppb v/v			01/03/26 17:25	10
Ethylbenzene	ND		10	1.9	ppb v/v			01/03/26 17:25	10
Freon 113	ND		10	2.0	ppb v/v			01/03/26 17:25	10
Freon-114	ND		10	1.2	ppb v/v			01/03/26 17:25	10
Heptane	**150**		10	2.3	ppb v/v			01/03/26 17:25	10
Hexane	**210**		10	3.0	ppb v/v			01/03/26 17:25	10
Isooctane	**32**		10	4.0	ppb v/v			01/03/26 17:25	10
m&p-Xylene	ND		10	2.6	ppb v/v			01/03/26 17:25	10
Cyclohexane	**190**		10	2.0	ppb v/v			01/03/26 17:25	10
Methyl t-butyl ether	ND		10	1.5	ppb v/v			01/03/26 17:25	10
Methylene Chloride	**6.8**	**J**	20	2.5	ppb v/v			01/03/26 17:25	10
o-Xylene	ND		10	1.9	ppb v/v			01/03/26 17:25	10
Styrene	ND		10	2.0	ppb v/v			01/03/26 17:25	10
Ethanol	ND		50	20	ppb v/v			01/03/26 17:25	10
Tetrachloroethene	**42**		20	2.5	ppb v/v			01/03/26 17:25	10
Ethyl acetate	ND		20	2.5	ppb v/v			01/03/26 17:25	10
Toluene	ND		10	4.0	ppb v/v			01/03/26 17:25	10
trans-1,2-Dichloroethene	ND		10	2.0	ppb v/v			01/03/26 17:25	10
trans-1,3-Dichloropropene	ND		10	1.2	ppb v/v			01/03/26 17:25	10
Trichloroethene	**8.0**	**J**	10	1.8	ppb v/v			01/03/26 17:25	10
Trichlorofluoromethane	ND		10	1.5	ppb v/v			01/03/26 17:25	10
Vinyl chloride	ND		10	1.2	ppb v/v			01/03/26 17:25	10
Hexachlorobutadiene	ND		20	4.7	ppb v/v			01/03/26 17:25	10
Isopropanol	ND		10	6.0	ppb v/v			01/03/26 17:25	10
Methyl methacrylate	ND		10	1.5	ppb v/v			01/03/26 17:25	10
Propene	**27**		10	3.0	ppb v/v			01/03/26 17:25	10
tert-Butyl alcohol	ND		10	2.1	ppb v/v			01/03/26 17:25	10
Tetrahydrofuran	ND		10	2.4	ppb v/v			01/03/26 17:25	10
Vinyl acetate	ND		10	1.6	ppb v/v			01/03/26 17:25	10

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		100	16	ug/m3			01/08/26 06:20	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		20	3.0	ppb v/v			01/08/26 06:20	10

Method: EPA-18 - Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**140**		33	5.9	mg/m3			12/20/25 09:35	10
C1-C10 as methane	**140**		66	33	mg/m3			12/20/25 09:35	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: Flame Ox Effluent
Lab Sample ID: 410-258483-1
Date Collected: 12/12/25 09:55
Matrix: Air
Date Received: 12/18/25 22:06
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	210		50	9.0	ppm v/v			12/20/25 09:35	10
C1-C10 as methane	210		100	50	ppm v/v			12/20/25 09:35	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: SVE Combined Influent
Lab Sample ID: 410-258483-2
Date Collected: 12/12/25 12:07
Matrix: Air
Date Received: 12/18/25 22:06
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5500	650	ug/m3			01/06/26 06:29	1000
1,1,2,2-Tetrachloroethane	ND		6900	1000	ug/m3			01/06/26 06:29	1000
1,1,2-Trichloroethane	**34000**		5500	650	ug/m3			01/06/26 06:29	1000
1,1-Dichloroethane	ND		4000	360	ug/m3			01/06/26 06:29	1000
1,1-Dichloroethene	ND		4000	560	ug/m3			01/06/26 06:29	1000
1,2,4-Trichlorobenzene	ND		15000	3700	ug/m3			01/06/26 06:29	1000
1,2,4-Trimethylbenzene	**6800**	**J**	9800	1400	ug/m3			01/06/26 06:29	1000
1,2-Dibromoethane	ND		7700	1000	ug/m3			01/06/26 06:29	1000
1,2-Dichlorobenzene	ND		6000	1200	ug/m3			01/06/26 06:29	1000
1,2-Dichloroethane	ND		4000	320	ug/m3			01/06/26 06:29	1000
1,2-Dichloropropane	ND		4600	600	ug/m3			01/06/26 06:29	1000
1,3,5-Trimethylbenzene	**3500**	**J**	9800	1600	ug/m3			01/06/26 06:29	1000
1,3-Butadiene	ND		2200	380	ug/m3			01/06/26 06:29	1000
1,3-Dichlorobenzene	ND		6000	1800	ug/m3			01/06/26 06:29	1000
1,4-Dichlorobenzene	ND		6000	1800	ug/m3			01/06/26 06:29	1000
2-Butanone	ND		2900	620	ug/m3			01/06/26 06:29	1000
2-Hexanone	ND		8200	2000	ug/m3			01/06/26 06:29	1000
3-Chloroprene	ND		3100	630	ug/m3			01/06/26 06:29	1000
4-Ethyltoluene	**2300**	**J**	4900	880	ug/m3			01/06/26 06:29	1000
1,4-Dioxane	ND		3600	610	ug/m3			01/06/26 06:29	1000
4-Methyl-2-pentanone	ND		4100	610	ug/m3			01/06/26 06:29	1000
Acetone	ND		12000	2400	ug/m3			01/06/26 06:29	1000
2-Chlorotoluene	ND		5200	1100	ug/m3			01/06/26 06:29	1000
Benzene	**8400**		3200	350	ug/m3			01/06/26 06:29	1000
Bromodichloromethane	ND		6700	2700	ug/m3			01/06/26 06:29	1000
Bromoform	ND		10000	4100	ug/m3			01/06/26 06:29	1000
Bromomethane	ND		3900	780	ug/m3			01/06/26 06:29	1000
Carbon disulfide	ND		3100	1200	ug/m3			01/06/26 06:29	1000
Carbon tetrachloride	ND		6300	880	ug/m3			01/06/26 06:29	1000
Chlorobenzene	ND		4600	600	ug/m3			01/06/26 06:29	1000
Chloroethane	ND		2600	790	ug/m3			01/06/26 06:29	1000
Chloroform	ND		4900	450	ug/m3			01/06/26 06:29	1000
Benzyl chloride	ND		10000	1600	ug/m3			01/06/26 06:29	1000
Chloromethane	ND		2100	830	ug/m3			01/06/26 06:29	1000
cis-1,2-Dichloroethene	ND		4000	790	ug/m3			01/06/26 06:29	1000
cis-1,3-Dichloropropene	ND		4500	450	ug/m3			01/06/26 06:29	1000
Bromoethene	ND		4400	790	ug/m3			01/06/26 06:29	1000
Dibromochloromethane	ND		8500	3400	ug/m3			01/06/26 06:29	1000
Dichlorodifluoromethane	ND		4900	640	ug/m3			01/06/26 06:29	1000
Ethylbenzene	**7100**		4300	830	ug/m3			01/06/26 06:29	1000
Freon 113	ND		7700	1500	ug/m3			01/06/26 06:29	1000
Freon-114	ND		7000	840	ug/m3			01/06/26 06:29	1000
Heptane	**100000**		4100	940	ug/m3			01/06/26 06:29	1000
Hexane	**68000**		3500	1100	ug/m3			01/06/26 06:29	1000
Isooctane	**24000**		4700	1900	ug/m3			01/06/26 06:29	1000
m&p-Xylene	**42000**		4300	1100	ug/m3			01/06/26 06:29	1000
Cyclohexane	**110000**		3400	690	ug/m3			01/06/26 06:29	1000
Methyl t-butyl ether	ND		3600	540	ug/m3			01/06/26 06:29	1000

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: SVE Combined Influent
Lab Sample ID: 410-258483-2
Date Collected: 12/12/25 12:07
Matrix: Air
Date Received: 12/18/25 22:06
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		6900	870	ug/m3			01/06/26 06:29	1000
o-Xylene	**2000**	**J**	4300	830	ug/m3			01/06/26 06:29	1000
Styrene	ND		4300	850	ug/m3			01/06/26 06:29	1000
Ethanol	ND		9400	3800	ug/m3			01/06/26 06:29	1000
Tetrachloroethene	ND		14000	1700	ug/m3			01/06/26 06:29	1000
Ethyl acetate	ND		7200	900	ug/m3			01/06/26 06:29	1000
Toluene	ND		3800	1500	ug/m3			01/06/26 06:29	1000
trans-1,2-Dichloroethene	ND		4000	790	ug/m3			01/06/26 06:29	1000
trans-1,3-Dichloropropene	ND		4500	540	ug/m3			01/06/26 06:29	1000
Trichloroethene	ND		5400	970	ug/m3			01/06/26 06:29	1000
Trichlorofluoromethane	ND		5600	840	ug/m3			01/06/26 06:29	1000
Vinyl chloride	ND		2600	310	ug/m3			01/06/26 06:29	1000
Hexachlorobutadiene	ND		21000	5000	ug/m3			01/06/26 06:29	1000
Isopropanol	ND		2500	1500	ug/m3			01/06/26 06:29	1000
Methyl methacrylate	ND		4100	610	ug/m3			01/06/26 06:29	1000
Propene	ND		1700	520	ug/m3			01/06/26 06:29	1000
tert-Butyl alcohol	ND		3000	640	ug/m3			01/06/26 06:29	1000
Tetrahydrofuran	ND		2900	710	ug/m3			01/06/26 06:29	1000
Vinyl acetate	ND		3500	560	ug/m3			01/06/26 06:29	1000

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1000	120	ppb v/v			01/06/26 06:29	1000
1,1,2,2-Tetrachloroethane	ND		1000	150	ppb v/v			01/06/26 06:29	1000
1,1,2-Trichloroethane	**6200**		1000	120	ppb v/v			01/06/26 06:29	1000
1,1-Dichloroethane	ND		1000	89	ppb v/v			01/06/26 06:29	1000
1,1-Dichloroethene	ND		1000	140	ppb v/v			01/06/26 06:29	1000
1,2,4-Trichlorobenzene	ND		2000	500	ppb v/v			01/06/26 06:29	1000
1,2,4-Trimethylbenzene	**1400**	**J**	2000	280	ppb v/v			01/06/26 06:29	1000
1,2-Dibromoethane	ND		1000	130	ppb v/v			01/06/26 06:29	1000
1,2-Dichlorobenzene	ND		1000	200	ppb v/v			01/06/26 06:29	1000
1,2-Dichloroethane	ND		1000	80	ppb v/v			01/06/26 06:29	1000
1,2-Dichloropropane	ND		1000	130	ppb v/v			01/06/26 06:29	1000
1,3,5-Trimethylbenzene	**720**	**J**	2000	320	ppb v/v			01/06/26 06:29	1000
1,3-Butadiene	ND		1000	170	ppb v/v			01/06/26 06:29	1000
1,3-Dichlorobenzene	ND		1000	300	ppb v/v			01/06/26 06:29	1000
1,4-Dichlorobenzene	ND		1000	300	ppb v/v			01/06/26 06:29	1000
2-Butanone	ND		1000	210	ppb v/v			01/06/26 06:29	1000
2-Hexanone	ND		2000	500	ppb v/v			01/06/26 06:29	1000
3-Chloroprene	ND		1000	200	ppb v/v			01/06/26 06:29	1000
4-Ethyltoluene	**470**	**J**	1000	180	ppb v/v			01/06/26 06:29	1000
1,4-Dioxane	ND		1000	170	ppb v/v			01/06/26 06:29	1000
4-Methyl-2-pentanone	ND		1000	150	ppb v/v			01/06/26 06:29	1000
Acetone	ND		5000	1000	ppb v/v			01/06/26 06:29	1000
2-Chlorotoluene	ND		1000	220	ppb v/v			01/06/26 06:29	1000
Benzene	**2600**		1000	110	ppb v/v			01/06/26 06:29	1000
Bromodichloromethane	ND		1000	400	ppb v/v			01/06/26 06:29	1000
Bromoform	ND		1000	400	ppb v/v			01/06/26 06:29	1000
Bromomethane	ND		1000	200	ppb v/v			01/06/26 06:29	1000
Carbon disulfide	ND		1000	400	ppb v/v			01/06/26 06:29	1000

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: SVE Combined Influent
Date Collected: 12/12/25 12:07
Date Received: 12/18/25 22:06
Sample Time: 0 Min

Lab Sample ID: 410-258483-2
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1000	140	ppb v/v			01/06/26 06:29	1000
Chlorobenzene	ND		1000	130	ppb v/v			01/06/26 06:29	1000
Chloroethane	ND		1000	300	ppb v/v			01/06/26 06:29	1000
Chloroform	ND		1000	92	ppb v/v			01/06/26 06:29	1000
Benzyl chloride	ND		2000	300	ppb v/v			01/06/26 06:29	1000
Chloromethane	ND		1000	400	ppb v/v			01/06/26 06:29	1000
cis-1,2-Dichloroethene	ND		1000	200	ppb v/v			01/06/26 06:29	1000
cis-1,3-Dichloropropene	ND		1000	100	ppb v/v			01/06/26 06:29	1000
Bromoethene	ND		1000	180	ppb v/v			01/06/26 06:29	1000
Dibromochloromethane	ND		1000	400	ppb v/v			01/06/26 06:29	1000
Dichlorodifluoromethane	ND		1000	130	ppb v/v			01/06/26 06:29	1000
Ethylbenzene	**1600**		1000	190	ppb v/v			01/06/26 06:29	1000
Freon 113	ND		1000	200	ppb v/v			01/06/26 06:29	1000
Freon-114	ND		1000	120	ppb v/v			01/06/26 06:29	1000
Heptane	**25000**		1000	230	ppb v/v			01/06/26 06:29	1000
Hexane	**19000**		1000	300	ppb v/v			01/06/26 06:29	1000
Isooctane	**5100**		1000	400	ppb v/v			01/06/26 06:29	1000
m&p-Xylene	**9700**		1000	260	ppb v/v			01/06/26 06:29	1000
Cyclohexane	**33000**		1000	200	ppb v/v			01/06/26 06:29	1000
Methyl t-butyl ether	ND		1000	150	ppb v/v			01/06/26 06:29	1000
Methylene Chloride	ND		2000	250	ppb v/v			01/06/26 06:29	1000
o-Xylene	**450**	**J**	1000	190	ppb v/v			01/06/26 06:29	1000
Styrene	ND		1000	200	ppb v/v			01/06/26 06:29	1000
Ethanol	ND		5000	2000	ppb v/v			01/06/26 06:29	1000
Tetrachloroethene	ND		2000	250	ppb v/v			01/06/26 06:29	1000
Ethyl acetate	ND		2000	250	ppb v/v			01/06/26 06:29	1000
Toluene	ND		1000	400	ppb v/v			01/06/26 06:29	1000
trans-1,2-Dichloroethene	ND		1000	200	ppb v/v			01/06/26 06:29	1000
trans-1,3-Dichloropropene	ND		1000	120	ppb v/v			01/06/26 06:29	1000
Trichloroethene	ND		1000	180	ppb v/v			01/06/26 06:29	1000
Trichlorofluoromethane	ND		1000	150	ppb v/v			01/06/26 06:29	1000
Vinyl chloride	ND		1000	120	ppb v/v			01/06/26 06:29	1000
Hexachlorobutadiene	ND		2000	470	ppb v/v			01/06/26 06:29	1000
Isopropanol	ND		1000	600	ppb v/v			01/06/26 06:29	1000
Methyl methacrylate	ND		1000	150	ppb v/v			01/06/26 06:29	1000
Propene	ND		1000	300	ppb v/v			01/06/26 06:29	1000
tert-Butyl alcohol	ND		1000	210	ppb v/v			01/06/26 06:29	1000
Tetrahydrofuran	ND		1000	240	ppb v/v			01/06/26 06:29	1000
Vinyl acetate	ND		1000	160	ppb v/v			01/06/26 06:29	1000

Method: EPA-18 - Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**2100**		660	120	mg/m3			12/20/25 10:03	200
C1-C10 as methane	**2800**		1300	660	mg/m3			12/20/25 10:03	200

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**3200**		1000	180	ppm v/v			12/20/25 10:03	200
C1-C10 as methane	**4300**		2000	1000	ppm v/v			12/20/25 10:03	200

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: LICC Air
Date Collected: 12/12/25 10:05
Date Received: 12/18/25 22:06
Sample Time: 0 Min

Lab Sample ID: 410-258483-3
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.65	ug/m3			01/03/26 16:36	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.0	ug/m3			01/03/26 16:36	1
1,1,2-Trichloroethane	ND		5.5	0.65	ug/m3			01/03/26 16:36	1
1,1-Dichloroethane	ND		4.0	0.36	ug/m3			01/03/26 16:36	1
1,1-Dichloroethene	ND		4.0	0.56	ug/m3			01/03/26 16:36	1
1,2,4-Trichlorobenzene	ND		15	3.7	ug/m3			01/03/26 16:36	1
1,2,4-Trimethylbenzene	**4.2**	**J**	9.8	1.4	ug/m3			01/03/26 16:36	1
1,2-Dibromoethane	ND		7.7	1.0	ug/m3			01/03/26 16:36	1
1,2-Dichlorobenzene	ND		6.0	1.2	ug/m3			01/03/26 16:36	1
1,2-Dichloroethane	ND		4.0	0.32	ug/m3			01/03/26 16:36	1
1,2-Dichloropropane	ND		4.6	0.60	ug/m3			01/03/26 16:36	1
1,3,5-Trimethylbenzene	ND		9.8	1.6	ug/m3			01/03/26 16:36	1
1,3-Butadiene	ND		2.2	0.38	ug/m3			01/03/26 16:36	1
1,3-Dichlorobenzene	ND		6.0	1.8	ug/m3			01/03/26 16:36	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/m3			01/03/26 16:36	1
2-Butanone	**1.9**	**J**	2.9	0.62	ug/m3			01/03/26 16:36	1
2-Hexanone	ND		8.2	2.0	ug/m3			01/03/26 16:36	1
3-Chloroprene	ND		3.1	0.63	ug/m3			01/03/26 16:36	1
4-Ethyltoluene	**1.4**	**J**	4.9	0.88	ug/m3			01/03/26 16:36	1
1,4-Dioxane	ND		3.6	0.61	ug/m3			01/03/26 16:36	1
4-Methyl-2-pentanone	ND		4.1	0.61	ug/m3			01/03/26 16:36	1
Acetone	**10**	**J**	12	2.4	ug/m3			01/03/26 16:36	1
2-Chlorotoluene	ND		5.2	1.1	ug/m3			01/03/26 16:36	1
Benzene	**4.0**		3.2	0.35	ug/m3			01/03/26 16:36	1
Bromodichloromethane	ND		6.7	2.7	ug/m3			01/03/26 16:36	1
Bromoform	ND		10	4.1	ug/m3			01/03/26 16:36	1
Bromomethane	ND		3.9	0.78	ug/m3			01/03/26 16:36	1
Carbon disulfide	ND		3.1	1.2	ug/m3			01/03/26 16:36	1
Carbon tetrachloride	ND		6.3	0.88	ug/m3			01/03/26 16:36	1
Chlorobenzene	ND		4.6	0.60	ug/m3			01/03/26 16:36	1
Chloroethane	ND		2.6	0.79	ug/m3			01/03/26 16:36	1
Chloroform	ND		4.9	0.45	ug/m3			01/03/26 16:36	1
Chloromethane	ND		2.1	0.83	ug/m3			01/03/26 16:36	1
cis-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			01/03/26 16:36	1
cis-1,3-Dichloropropene	ND		4.5	0.45	ug/m3			01/03/26 16:36	1
Bromoethene	ND		4.4	0.79	ug/m3			01/03/26 16:36	1
Dibromochloromethane	ND		8.5	3.4	ug/m3			01/03/26 16:36	1
Dichlorodifluoromethane	**2.0**	**J**	4.9	0.64	ug/m3			01/03/26 16:36	1
Ethylbenzene	**4.3**		4.3	0.83	ug/m3			01/03/26 16:36	1
Freon 113	ND		7.7	1.5	ug/m3			01/03/26 16:36	1
Freon-114	ND		7.0	0.84	ug/m3			01/03/26 16:36	1
Heptane	**8.4**		4.1	0.94	ug/m3			01/03/26 16:36	1
Hexane	**9.6**		3.5	1.1	ug/m3			01/03/26 16:36	1
Isooctane	**3.7**	**J**	4.7	1.9	ug/m3			01/03/26 16:36	1
m&p-Xylene	**13**		4.3	1.1	ug/m3			01/03/26 16:36	1
Cyclohexane	**8.8**		3.4	0.69	ug/m3			01/03/26 16:36	1
Methyl t-butyl ether	ND		3.6	0.54	ug/m3			01/03/26 16:36	1
Methylene Chloride	**0.88**	**J**	6.9	0.87	ug/m3			01/03/26 16:36	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: LICC Air
Date Collected: 12/12/25 10:05
Date Received: 12/18/25 22:06
Sample Time: 0 Min

Lab Sample ID: 410-258483-3
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	**4.6**		4.3	0.83	ug/m3			01/03/26 16:36	1
Styrene	ND		4.3	0.85	ug/m3			01/03/26 16:36	1
Ethanol	**34**		9.4	3.8	ug/m3			01/03/26 16:36	1
Tetrachloroethene	ND		14	1.7	ug/m3			01/03/26 16:36	1
Ethyl acetate	ND		7.2	0.90	ug/m3			01/03/26 16:36	1
Toluene	**15**		3.8	1.5	ug/m3			01/03/26 16:36	1
trans-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			01/03/26 16:36	1
trans-1,3-Dichloropropene	ND		4.5	0.54	ug/m3			01/03/26 16:36	1
Trichloroethene	ND		5.4	0.97	ug/m3			01/03/26 16:36	1
Trichlorofluoromethane	**1.1**	**J**	5.6	0.84	ug/m3			01/03/26 16:36	1
Vinyl chloride	ND		2.6	0.31	ug/m3			01/03/26 16:36	1
Hexachlorobutadiene	ND		21	5.0	ug/m3			01/03/26 16:36	1
Isopropanol	**4.0**		2.5	1.5	ug/m3			01/03/26 16:36	1
Methyl methacrylate	ND		4.1	0.61	ug/m3			01/03/26 16:36	1
Propene	ND		1.7	0.52	ug/m3			01/03/26 16:36	1
tert-Butyl alcohol	ND		3.0	0.64	ug/m3			01/03/26 16:36	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			01/03/26 16:36	1
Vinyl acetate	ND		3.5	0.56	ug/m3			01/03/26 16:36	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.12	ppb v/v			01/03/26 16:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ppb v/v			01/03/26 16:36	1
1,1,2-Trichloroethane	ND		1.0	0.12	ppb v/v			01/03/26 16:36	1
1,1-Dichloroethane	ND		1.0	0.089	ppb v/v			01/03/26 16:36	1
1,1-Dichloroethene	ND		1.0	0.14	ppb v/v			01/03/26 16:36	1
1,2,4-Trichlorobenzene	ND		2.0	0.50	ppb v/v			01/03/26 16:36	1
1,2,4-Trimethylbenzene	**0.85**	**J**	2.0	0.28	ppb v/v			01/03/26 16:36	1
1,2-Dibromoethane	ND		1.0	0.13	ppb v/v			01/03/26 16:36	1
1,2-Dichlorobenzene	ND		1.0	0.20	ppb v/v			01/03/26 16:36	1
1,2-Dichloroethane	ND		1.0	0.080	ppb v/v			01/03/26 16:36	1
1,2-Dichloropropane	ND		1.0	0.13	ppb v/v			01/03/26 16:36	1
1,3,5-Trimethylbenzene	ND		2.0	0.32	ppb v/v			01/03/26 16:36	1
1,3-Butadiene	ND		1.0	0.17	ppb v/v			01/03/26 16:36	1
1,3-Dichlorobenzene	ND		1.0	0.30	ppb v/v			01/03/26 16:36	1
1,4-Dichlorobenzene	ND		1.0	0.30	ppb v/v			01/03/26 16:36	1
2-Butanone	**0.64**	**J**	1.0	0.21	ppb v/v			01/03/26 16:36	1
2-Hexanone	ND		2.0	0.50	ppb v/v			01/03/26 16:36	1
3-Chloroprene	ND		1.0	0.20	ppb v/v			01/03/26 16:36	1
4-Ethyltoluene	**0.28**	**J**	1.0	0.18	ppb v/v			01/03/26 16:36	1
1,4-Dioxane	ND		1.0	0.17	ppb v/v			01/03/26 16:36	1
4-Methyl-2-pentanone	ND		1.0	0.15	ppb v/v			01/03/26 16:36	1
Acetone	**4.3**	**J**	5.0	1.0	ppb v/v			01/03/26 16:36	1
2-Chlorotoluene	ND		1.0	0.22	ppb v/v			01/03/26 16:36	1
Benzene	**1.3**		1.0	0.11	ppb v/v			01/03/26 16:36	1
Bromodichloromethane	ND		1.0	0.40	ppb v/v			01/03/26 16:36	1
Bromoform	ND		1.0	0.40	ppb v/v			01/03/26 16:36	1
Bromomethane	ND		1.0	0.20	ppb v/v			01/03/26 16:36	1
Carbon disulfide	ND		1.0	0.40	ppb v/v			01/03/26 16:36	1
Carbon tetrachloride	ND		1.0	0.14	ppb v/v			01/03/26 16:36	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: LICC Air
Date Collected: 12/12/25 10:05
Date Received: 12/18/25 22:06
Sample Time: 0 Min

Lab Sample ID: 410-258483-3
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.13	ppb v/v			01/03/26 16:36	1
Chloroethane	ND		1.0	0.30	ppb v/v			01/03/26 16:36	1
Chloroform	ND		1.0	0.092	ppb v/v			01/03/26 16:36	1
Chloromethane	ND		1.0	0.40	ppb v/v			01/03/26 16:36	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			01/03/26 16:36	1
cis-1,3-Dichloropropene	ND		1.0	0.10	ppb v/v			01/03/26 16:36	1
Bromoethene	ND		1.0	0.18	ppb v/v			01/03/26 16:36	1
Dibromochloromethane	ND		1.0	0.40	ppb v/v			01/03/26 16:36	1
Dichlorodifluoromethane	**0.41**	**J**	1.0	0.13	ppb v/v			01/03/26 16:36	1
Ethylbenzene	**0.98**		1.0	0.19	ppb v/v			01/03/26 16:36	1
Freon 113	ND		1.0	0.20	ppb v/v			01/03/26 16:36	1
Freon-114	ND		1.0	0.12	ppb v/v			01/03/26 16:36	1
Heptane	**2.1**		1.0	0.23	ppb v/v			01/03/26 16:36	1
Hexane	**2.7**		1.0	0.30	ppb v/v			01/03/26 16:36	1
Isooctane	**0.78**	**J**	1.0	0.40	ppb v/v			01/03/26 16:36	1
m&p-Xylene	**3.1**		1.0	0.26	ppb v/v			01/03/26 16:36	1
Cyclohexane	**2.6**		1.0	0.20	ppb v/v			01/03/26 16:36	1
Methyl t-butyl ether	ND		1.0	0.15	ppb v/v			01/03/26 16:36	1
Methylene Chloride	**0.25**	**J**	2.0	0.25	ppb v/v			01/03/26 16:36	1
o-Xylene	**1.1**		1.0	0.19	ppb v/v			01/03/26 16:36	1
Styrene	ND		1.0	0.20	ppb v/v			01/03/26 16:36	1
Ethanol	**18**		5.0	2.0	ppb v/v			01/03/26 16:36	1
Tetrachloroethene	ND		2.0	0.25	ppb v/v			01/03/26 16:36	1
Ethyl acetate	ND		2.0	0.25	ppb v/v			01/03/26 16:36	1
Toluene	**4.0**		1.0	0.40	ppb v/v			01/03/26 16:36	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			01/03/26 16:36	1
trans-1,3-Dichloropropene	ND		1.0	0.12	ppb v/v			01/03/26 16:36	1
Trichloroethene	ND		1.0	0.18	ppb v/v			01/03/26 16:36	1
Trichlorofluoromethane	**0.19**	**J**	1.0	0.15	ppb v/v			01/03/26 16:36	1
Vinyl chloride	ND		1.0	0.12	ppb v/v			01/03/26 16:36	1
Hexachlorobutadiene	ND		2.0	0.47	ppb v/v			01/03/26 16:36	1
Isopropanol	**1.6**		1.0	0.60	ppb v/v			01/03/26 16:36	1
Methyl methacrylate	ND		1.0	0.15	ppb v/v			01/03/26 16:36	1
Propene	ND		1.0	0.30	ppb v/v			01/03/26 16:36	1
tert-Butyl alcohol	ND		1.0	0.21	ppb v/v			01/03/26 16:36	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			01/03/26 16:36	1
Vinyl acetate	ND		1.0	0.16	ppb v/v			01/03/26 16:36	1

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		10	1.6	ug/m3			01/08/26 06:51	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		2.0	0.30	ppb v/v			01/08/26 06:51	1

Method: EPA-18 - Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		6.6	1.2	mg/m3			12/20/25 10:32	2
C1-C10 as methane	ND		13	6.6	mg/m3			12/20/25 10:32	2

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: LICC Air
Date Collected: 12/12/25 10:05
Date Received: 12/18/25 22:06
Sample Time: 0 Min

Lab Sample ID: 410-258483-3
Matrix: Air
Sample Container: Summa Canister 6L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		10	1.8	ppm v/v			12/20/25 10:32	2
C1-C10 as methane	ND		20	10	ppm v/v			12/20/25 10:32	2

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: ORS AS Influent
Date Collected: 12/12/25 12:12
Date Received: 12/18/25 22:06
Sample Time: 0 Min

Lab Sample ID: 410-258483-4
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		55	6.5	ug/m3			01/03/26 17:47	10
1,1,2,2-Tetrachloroethane	ND		69	10	ug/m3			01/03/26 17:47	10
1,1,2-Trichloroethane	ND		55	6.5	ug/m3			01/03/26 17:47	10
1,1-Dichloroethane	**5.8**	**J**	40	3.6	ug/m3			01/03/26 17:47	10
1,1-Dichloroethene	**6.4**	**J**	40	5.6	ug/m3			01/03/26 17:47	10
1,2,4-Trichlorobenzene	ND		150	37	ug/m3			01/03/26 17:47	10
1,2,4-Trimethylbenzene	**20**	**J**	98	14	ug/m3			01/03/26 17:47	10
1,2-Dibromoethane	ND		77	10	ug/m3			01/03/26 17:47	10
1,2-Dichlorobenzene	ND		60	12	ug/m3			01/03/26 17:47	10
1,2-Dichloroethane	**48**		40	3.2	ug/m3			01/03/26 17:47	10
1,2-Dichloropropane	ND		46	6.0	ug/m3			01/03/26 17:47	10
1,3,5-Trimethylbenzene	ND		98	16	ug/m3			01/03/26 17:47	10
1,3-Butadiene	ND		22	3.8	ug/m3			01/03/26 17:47	10
1,3-Dichlorobenzene	ND		60	18	ug/m3			01/03/26 17:47	10
1,4-Dichlorobenzene	ND		60	18	ug/m3			01/03/26 17:47	10
2-Butanone	ND		29	6.2	ug/m3			01/03/26 17:47	10
2-Hexanone	ND		82	20	ug/m3			01/03/26 17:47	10
3-Chloroprene	ND		31	6.3	ug/m3			01/03/26 17:47	10
4-Ethyltoluene	**9.3**	**J**	49	8.8	ug/m3			01/03/26 17:47	10
1,4-Dioxane	ND		36	6.1	ug/m3			01/03/26 17:47	10
4-Methyl-2-pentanone	ND		41	6.1	ug/m3			01/03/26 17:47	10
Acetone	**24**	**J**	120	24	ug/m3			01/03/26 17:47	10
2-Chlorotoluene	ND		52	11	ug/m3			01/03/26 17:47	10
Benzene	**620**		32	3.5	ug/m3			01/03/26 17:47	10
Bromodichloromethane	ND		67	27	ug/m3			01/03/26 17:47	10
Bromoform	ND		100	41	ug/m3			01/03/26 17:47	10
Bromomethane	ND		39	7.8	ug/m3			01/03/26 17:47	10
Carbon disulfide	ND		31	12	ug/m3			01/03/26 17:47	10
Carbon tetrachloride	ND		63	8.8	ug/m3			01/03/26 17:47	10
Chlorobenzene	ND		46	6.0	ug/m3			01/03/26 17:47	10
Chloroethane	ND		26	7.9	ug/m3			01/03/26 17:47	10
Chloroform	ND		49	4.5	ug/m3			01/03/26 17:47	10
Chloromethane	ND		21	8.3	ug/m3			01/03/26 17:47	10
cis-1,2-Dichloroethene	**430**		40	7.9	ug/m3			01/03/26 17:47	10
cis-1,3-Dichloropropene	ND		45	4.5	ug/m3			01/03/26 17:47	10
Bromoethene	ND		44	7.9	ug/m3			01/03/26 17:47	10
Dibromochloromethane	ND		85	34	ug/m3			01/03/26 17:47	10
Dichlorodifluoromethane	ND		49	6.4	ug/m3			01/03/26 17:47	10
Ethylbenzene	**31**	**J**	43	8.3	ug/m3			01/03/26 17:47	10
Freon 113	ND		77	15	ug/m3			01/03/26 17:47	10
Freon-114	ND		70	8.4	ug/m3			01/03/26 17:47	10
Heptane	**100**		41	9.4	ug/m3			01/03/26 17:47	10
Hexane	**150**		35	11	ug/m3			01/03/26 17:47	10
Isooctane	ND		47	19	ug/m3			01/03/26 17:47	10
m&p-Xylene	**77**		43	11	ug/m3			01/03/26 17:47	10
Cyclohexane	**660**		34	6.9	ug/m3			01/03/26 17:47	10
Methyl t-butyl ether	**52**		36	5.4	ug/m3			01/03/26 17:47	10
Methylene Chloride	ND		69	8.7	ug/m3			01/03/26 17:47	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: ORS AS Influent
Date Collected: 12/12/25 12:12
Date Received: 12/18/25 22:06
Sample Time: 0 Min

Lab Sample ID: 410-258483-4
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		43	8.3	ug/m3			01/03/26 17:47	10
Styrene	ND		43	8.5	ug/m3			01/03/26 17:47	10
Ethanol	ND		94	38	ug/m3			01/03/26 17:47	10
Tetrachloroethene	**1100**		140	17	ug/m3			01/03/26 17:47	10
Ethyl acetate	ND		72	9.0	ug/m3			01/03/26 17:47	10
Toluene	**25**	**J**	38	15	ug/m3			01/03/26 17:47	10
trans-1,2-Dichloroethene	ND		40	7.9	ug/m3			01/03/26 17:47	10
trans-1,3-Dichloropropene	ND		45	5.4	ug/m3			01/03/26 17:47	10
Trichloroethene	**1300**		54	9.7	ug/m3			01/03/26 17:47	10
Trichlorofluoromethane	ND		56	8.4	ug/m3			01/03/26 17:47	10
Vinyl chloride	ND		26	3.1	ug/m3			01/03/26 17:47	10
Hexachlorobutadiene	ND		210	50	ug/m3			01/03/26 17:47	10
Isopropanol	ND		25	15	ug/m3			01/03/26 17:47	10
Methyl methacrylate	ND		41	6.1	ug/m3			01/03/26 17:47	10
Propene	ND		17	5.2	ug/m3			01/03/26 17:47	10
tert-Butyl alcohol	ND		30	6.4	ug/m3			01/03/26 17:47	10
Tetrahydrofuran	ND		29	7.1	ug/m3			01/03/26 17:47	10
Vinyl acetate	ND		35	5.6	ug/m3			01/03/26 17:47	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	1.2	ppb v/v			01/03/26 17:47	10
1,1,2,2-Tetrachloroethane	ND		10	1.5	ppb v/v			01/03/26 17:47	10
1,1,2-Trichloroethane	ND		10	1.2	ppb v/v			01/03/26 17:47	10
1,1-Dichloroethane	**1.4**	**J**	10	0.89	ppb v/v			01/03/26 17:47	10
1,1-Dichloroethene	**1.6**	**J**	10	1.4	ppb v/v			01/03/26 17:47	10
1,2,4-Trichlorobenzene	ND		20	5.0	ppb v/v			01/03/26 17:47	10
1,2,4-Trimethylbenzene	**4.0**	**J**	20	2.8	ppb v/v			01/03/26 17:47	10
1,2-Dibromoethane	ND		10	1.3	ppb v/v			01/03/26 17:47	10
1,2-Dichlorobenzene	ND		10	2.0	ppb v/v			01/03/26 17:47	10
1,2-Dichloroethane	**12**		10	0.80	ppb v/v			01/03/26 17:47	10
1,2-Dichloropropane	ND		10	1.3	ppb v/v			01/03/26 17:47	10
1,3,5-Trimethylbenzene	ND		20	3.2	ppb v/v			01/03/26 17:47	10
1,3-Butadiene	ND		10	1.7	ppb v/v			01/03/26 17:47	10
1,3-Dichlorobenzene	ND		10	3.0	ppb v/v			01/03/26 17:47	10
1,4-Dichlorobenzene	ND		10	3.0	ppb v/v			01/03/26 17:47	10
2-Butanone	ND		10	2.1	ppb v/v			01/03/26 17:47	10
2-Hexanone	ND		20	5.0	ppb v/v			01/03/26 17:47	10
3-Chloroprene	ND		10	2.0	ppb v/v			01/03/26 17:47	10
4-Ethyltoluene	**1.9**	**J**	10	1.8	ppb v/v			01/03/26 17:47	10
1,4-Dioxane	ND		10	1.7	ppb v/v			01/03/26 17:47	10
4-Methyl-2-pentanone	ND		10	1.5	ppb v/v			01/03/26 17:47	10
Acetone	**9.9**	**J**	50	10	ppb v/v			01/03/26 17:47	10
2-Chlorotoluene	ND		10	2.2	ppb v/v			01/03/26 17:47	10
Benzene	**190**		10	1.1	ppb v/v			01/03/26 17:47	10
Bromodichloromethane	ND		10	4.0	ppb v/v			01/03/26 17:47	10
Bromoform	ND		10	4.0	ppb v/v			01/03/26 17:47	10
Bromomethane	ND		10	2.0	ppb v/v			01/03/26 17:47	10
Carbon disulfide	ND		10	4.0	ppb v/v			01/03/26 17:47	10
Carbon tetrachloride	ND		10	1.4	ppb v/v			01/03/26 17:47	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: ORS AS Influent
Date Collected: 12/12/25 12:12
Date Received: 12/18/25 22:06
Sample Time: 0 Min

Lab Sample ID: 410-258483-4
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		10	1.3	ppb v/v			01/03/26 17:47	10
Chloroethane	ND		10	3.0	ppb v/v			01/03/26 17:47	10
Chloroform	ND		10	0.92	ppb v/v			01/03/26 17:47	10
Chloromethane	ND		10	4.0	ppb v/v			01/03/26 17:47	10
cis-1,2-Dichloroethene	**110**		10	2.0	ppb v/v			01/03/26 17:47	10
cis-1,3-Dichloropropene	ND		10	1.0	ppb v/v			01/03/26 17:47	10
Bromoethene	ND		10	1.8	ppb v/v			01/03/26 17:47	10
Dibromochloromethane	ND		10	4.0	ppb v/v			01/03/26 17:47	10
Dichlorodifluoromethane	ND		10	1.3	ppb v/v			01/03/26 17:47	10
Ethylbenzene	**7.2**	**J**	10	1.9	ppb v/v			01/03/26 17:47	10
Freon 113	ND		10	2.0	ppb v/v			01/03/26 17:47	10
Freon-114	ND		10	1.2	ppb v/v			01/03/26 17:47	10
Heptane	**24**		10	2.3	ppb v/v			01/03/26 17:47	10
Hexane	**41**		10	3.0	ppb v/v			01/03/26 17:47	10
Isooctane	ND		10	4.0	ppb v/v			01/03/26 17:47	10
m&p-Xylene	**18**		10	2.6	ppb v/v			01/03/26 17:47	10
Cyclohexane	**190**		10	2.0	ppb v/v			01/03/26 17:47	10
Methyl t-butyl ether	**14**		10	1.5	ppb v/v			01/03/26 17:47	10
Methylene Chloride	ND		20	2.5	ppb v/v			01/03/26 17:47	10
o-Xylene	ND		10	1.9	ppb v/v			01/03/26 17:47	10
Styrene	ND		10	2.0	ppb v/v			01/03/26 17:47	10
Ethanol	ND		50	20	ppb v/v			01/03/26 17:47	10
Tetrachloroethene	**160**		20	2.5	ppb v/v			01/03/26 17:47	10
Ethyl acetate	ND		20	2.5	ppb v/v			01/03/26 17:47	10
Toluene	**6.5**	**J**	10	4.0	ppb v/v			01/03/26 17:47	10
trans-1,2-Dichloroethene	ND		10	2.0	ppb v/v			01/03/26 17:47	10
trans-1,3-Dichloropropene	ND		10	1.2	ppb v/v			01/03/26 17:47	10
Trichloroethene	**250**		10	1.8	ppb v/v			01/03/26 17:47	10
Trichlorofluoromethane	ND		10	1.5	ppb v/v			01/03/26 17:47	10
Vinyl chloride	ND		10	1.2	ppb v/v			01/03/26 17:47	10
Hexachlorobutadiene	ND		20	4.7	ppb v/v			01/03/26 17:47	10
Isopropanol	ND		10	6.0	ppb v/v			01/03/26 17:47	10
Methyl methacrylate	ND		10	1.5	ppb v/v			01/03/26 17:47	10
Propene	ND		10	3.0	ppb v/v			01/03/26 17:47	10
tert-Butyl alcohol	ND		10	2.1	ppb v/v			01/03/26 17:47	10
Tetrahydrofuran	ND		10	2.4	ppb v/v			01/03/26 17:47	10
Vinyl acetate	ND		10	1.6	ppb v/v			01/03/26 17:47	10

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		100	16	ug/m3			01/08/26 03:54	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		20	3.0	ppb v/v			01/08/26 03:54	10

Method: EPA-18 - Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**19**		6.6	1.2	mg/m3			12/20/25 11:01	2
C1-C10 as methane	**19**		13	6.6	mg/m3			12/20/25 11:01	2

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: ORS AS Influent

Lab Sample ID: 410-258483-4

Date Collected: 12/12/25 12:12
Matrix: Air
Date Received: 12/18/25 22:06
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	28		10	1.8	ppm v/v			12/20/25 11:01	2
C1-C10 as methane	29		20	10	ppm v/v			12/20/25 11:01	2

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: SVE Influent
Date Collected: 12/12/25 12:10
Date Received: 12/18/25 22:06
Sample Time: 0 Min

Lab Sample ID: 410-258483-5
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5500	650	ug/m3			01/05/26 22:38	1000
1,1,2,2-Tetrachloroethane	ND		6900	1000	ug/m3			01/05/26 22:38	1000
1,1,2-Trichloroethane	**26000**		5500	650	ug/m3			01/05/26 22:38	1000
1,1-Dichloroethane	ND		4000	360	ug/m3			01/05/26 22:38	1000
1,1-Dichloroethene	ND		4000	560	ug/m3			01/05/26 22:38	1000
1,2,4-Trichlorobenzene	ND		15000	3700	ug/m3			01/05/26 22:38	1000
1,2,4-Trimethylbenzene	**2700**	**J**	9800	1400	ug/m3			01/05/26 22:38	1000
1,2-Dibromoethane	ND		7700	1000	ug/m3			01/05/26 22:38	1000
1,2-Dichlorobenzene	ND		6000	1200	ug/m3			01/05/26 22:38	1000
1,2-Dichloroethane	ND		4000	320	ug/m3			01/05/26 22:38	1000
1,2-Dichloropropane	ND		4600	600	ug/m3			01/05/26 22:38	1000
1,3,5-Trimethylbenzene	**1600**	**J**	9800	1600	ug/m3			01/05/26 22:38	1000
1,3-Butadiene	ND		2200	380	ug/m3			01/05/26 22:38	1000
1,3-Dichlorobenzene	ND		6000	1800	ug/m3			01/05/26 22:38	1000
1,4-Dichlorobenzene	ND		6000	1800	ug/m3			01/05/26 22:38	1000
2-Butanone	ND		2900	620	ug/m3			01/05/26 22:38	1000
2-Hexanone	ND		8200	2000	ug/m3			01/05/26 22:38	1000
3-Chloroprene	ND		3100	630	ug/m3			01/05/26 22:38	1000
4-Ethyltoluene	**1000**	**J**	4900	880	ug/m3			01/05/26 22:38	1000
1,4-Dioxane	ND		3600	610	ug/m3			01/05/26 22:38	1000
4-Methyl-2-pentanone	ND		4100	610	ug/m3			01/05/26 22:38	1000
Acetone	ND		12000	2400	ug/m3			01/05/26 22:38	1000
2-Chlorotoluene	ND		5200	1100	ug/m3			01/05/26 22:38	1000
Benzene	**7100**		3200	350	ug/m3			01/05/26 22:38	1000
Bromodichloromethane	ND		6700	2700	ug/m3			01/05/26 22:38	1000
Bromoform	ND		10000	4100	ug/m3			01/05/26 22:38	1000
Bromomethane	ND		3900	780	ug/m3			01/05/26 22:38	1000
Carbon disulfide	ND		3100	1200	ug/m3			01/05/26 22:38	1000
Carbon tetrachloride	ND		6300	880	ug/m3			01/05/26 22:38	1000
Chlorobenzene	ND		4600	600	ug/m3			01/05/26 22:38	1000
Chloroethane	ND		2600	790	ug/m3			01/05/26 22:38	1000
Chloroform	ND		4900	450	ug/m3			01/05/26 22:38	1000
Benzyl chloride	ND		10000	1600	ug/m3			01/05/26 22:38	1000
Chloromethane	ND		2100	830	ug/m3			01/05/26 22:38	1000
cis-1,2-Dichloroethene	ND		4000	790	ug/m3			01/05/26 22:38	1000
cis-1,3-Dichloropropene	ND		4500	450	ug/m3			01/05/26 22:38	1000
Bromoethene	ND		4400	790	ug/m3			01/05/26 22:38	1000
Dibromochloromethane	ND		8500	3400	ug/m3			01/05/26 22:38	1000
Dichlorodifluoromethane	ND		4900	640	ug/m3			01/05/26 22:38	1000
Ethylbenzene	**4400**		4300	830	ug/m3			01/05/26 22:38	1000
Freon 113	ND		7700	1500	ug/m3			01/05/26 22:38	1000
Freon-114	ND		7000	840	ug/m3			01/05/26 22:38	1000
Heptane	**84000**		4100	940	ug/m3			01/05/26 22:38	1000
Hexane	**58000**		3500	1100	ug/m3			01/05/26 22:38	1000
Isooctane	**20000**		4700	1900	ug/m3			01/05/26 22:38	1000
m&p-Xylene	**25000**		4300	1100	ug/m3			01/05/26 22:38	1000
Cyclohexane	**99000**		3400	690	ug/m3			01/05/26 22:38	1000
Methyl t-butyl ether	ND		3600	540	ug/m3			01/05/26 22:38	1000

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: SVE Influent
Date Collected: 12/12/25 12:10
Date Received: 12/18/25 22:06
Sample Time: 0 Min

Lab Sample ID: 410-258483-5
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		6900	870	ug/m3			01/05/26 22:38	1000
o-Xylene	**1300**	**J**	4300	830	ug/m3			01/05/26 22:38	1000
Styrene	ND		4300	850	ug/m3			01/05/26 22:38	1000
Ethanol	ND		9400	3800	ug/m3			01/05/26 22:38	1000
Tetrachloroethene	ND		14000	1700	ug/m3			01/05/26 22:38	1000
Ethyl acetate	ND		7200	900	ug/m3			01/05/26 22:38	1000
Toluene	ND		3800	1500	ug/m3			01/05/26 22:38	1000
trans-1,2-Dichloroethene	ND		4000	790	ug/m3			01/05/26 22:38	1000
trans-1,3-Dichloropropene	ND		4500	540	ug/m3			01/05/26 22:38	1000
Trichloroethene	ND		5400	970	ug/m3			01/05/26 22:38	1000
Trichlorofluoromethane	ND		5600	840	ug/m3			01/05/26 22:38	1000
Vinyl chloride	ND		2600	310	ug/m3			01/05/26 22:38	1000
Hexachlorobutadiene	ND		21000	5000	ug/m3			01/05/26 22:38	1000
Isopropanol	ND		2500	1500	ug/m3			01/05/26 22:38	1000
Methyl methacrylate	ND		4100	610	ug/m3			01/05/26 22:38	1000
Propene	ND		1700	520	ug/m3			01/05/26 22:38	1000
tert-Butyl alcohol	ND		3000	640	ug/m3			01/05/26 22:38	1000
Tetrahydrofuran	ND		2900	710	ug/m3			01/05/26 22:38	1000
Vinyl acetate	ND		3500	560	ug/m3			01/05/26 22:38	1000

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1000	120	ppb v/v			01/05/26 22:38	1000
1,1,2,2-Tetrachloroethane	ND		1000	150	ppb v/v			01/05/26 22:38	1000
1,1,2-Trichloroethane	**4800**		1000	120	ppb v/v			01/05/26 22:38	1000
1,1-Dichloroethane	ND		1000	89	ppb v/v			01/05/26 22:38	1000
1,1-Dichloroethene	ND		1000	140	ppb v/v			01/05/26 22:38	1000
1,2,4-Trichlorobenzene	ND		2000	500	ppb v/v			01/05/26 22:38	1000
1,2,4-Trimethylbenzene	**550**	**J**	2000	280	ppb v/v			01/05/26 22:38	1000
1,2-Dibromoethane	ND		1000	130	ppb v/v			01/05/26 22:38	1000
1,2-Dichlorobenzene	ND		1000	200	ppb v/v			01/05/26 22:38	1000
1,2-Dichloroethane	ND		1000	80	ppb v/v			01/05/26 22:38	1000
1,2-Dichloropropane	ND		1000	130	ppb v/v			01/05/26 22:38	1000
1,3,5-Trimethylbenzene	**330**	**J**	2000	320	ppb v/v			01/05/26 22:38	1000
1,3-Butadiene	ND		1000	170	ppb v/v			01/05/26 22:38	1000
1,3-Dichlorobenzene	ND		1000	300	ppb v/v			01/05/26 22:38	1000
1,4-Dichlorobenzene	ND		1000	300	ppb v/v			01/05/26 22:38	1000
2-Butanone	ND		1000	210	ppb v/v			01/05/26 22:38	1000
2-Hexanone	ND		2000	500	ppb v/v			01/05/26 22:38	1000
3-Chloroprene	ND		1000	200	ppb v/v			01/05/26 22:38	1000
4-Ethyltoluene	**210**	**J**	1000	180	ppb v/v			01/05/26 22:38	1000
1,4-Dioxane	ND		1000	170	ppb v/v			01/05/26 22:38	1000
4-Methyl-2-pentanone	ND		1000	150	ppb v/v			01/05/26 22:38	1000
Acetone	ND		5000	1000	ppb v/v			01/05/26 22:38	1000
2-Chlorotoluene	ND		1000	220	ppb v/v			01/05/26 22:38	1000
Benzene	**2200**		1000	110	ppb v/v			01/05/26 22:38	1000
Bromodichloromethane	ND		1000	400	ppb v/v			01/05/26 22:38	1000
Bromoform	ND		1000	400	ppb v/v			01/05/26 22:38	1000
Bromomethane	ND		1000	200	ppb v/v			01/05/26 22:38	1000
Carbon disulfide	ND		1000	400	ppb v/v			01/05/26 22:38	1000

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: SVE Influent
Date Collected: 12/12/25 12:10
Date Received: 12/18/25 22:06
Sample Time: 0 Min

Lab Sample ID: 410-258483-5
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1000	140	ppb v/v			01/05/26 22:38	1000
Chlorobenzene	ND		1000	130	ppb v/v			01/05/26 22:38	1000
Chloroethane	ND		1000	300	ppb v/v			01/05/26 22:38	1000
Chloroform	ND		1000	92	ppb v/v			01/05/26 22:38	1000
Benzyl chloride	ND		2000	300	ppb v/v			01/05/26 22:38	1000
Chloromethane	ND		1000	400	ppb v/v			01/05/26 22:38	1000
cis-1,2-Dichloroethene	ND		1000	200	ppb v/v			01/05/26 22:38	1000
cis-1,3-Dichloropropene	ND		1000	100	ppb v/v			01/05/26 22:38	1000
Bromoethene	ND		1000	180	ppb v/v			01/05/26 22:38	1000
Dibromochloromethane	ND		1000	400	ppb v/v			01/05/26 22:38	1000
Dichlorodifluoromethane	ND		1000	130	ppb v/v			01/05/26 22:38	1000
Ethylbenzene	**1000**		1000	190	ppb v/v			01/05/26 22:38	1000
Freon 113	ND		1000	200	ppb v/v			01/05/26 22:38	1000
Freon-114	ND		1000	120	ppb v/v			01/05/26 22:38	1000
Heptane	**21000**		1000	230	ppb v/v			01/05/26 22:38	1000
Hexane	**17000**		1000	300	ppb v/v			01/05/26 22:38	1000
Isooctane	**4300**		1000	400	ppb v/v			01/05/26 22:38	1000
m&p-Xylene	**5800**		1000	260	ppb v/v			01/05/26 22:38	1000
Cyclohexane	**29000**		1000	200	ppb v/v			01/05/26 22:38	1000
Methyl t-butyl ether	ND		1000	150	ppb v/v			01/05/26 22:38	1000
Methylene Chloride	ND		2000	250	ppb v/v			01/05/26 22:38	1000
o-Xylene	**290**	**J**	1000	190	ppb v/v			01/05/26 22:38	1000
Styrene	ND		1000	200	ppb v/v			01/05/26 22:38	1000
Ethanol	ND		5000	2000	ppb v/v			01/05/26 22:38	1000
Tetrachloroethene	ND		2000	250	ppb v/v			01/05/26 22:38	1000
Ethyl acetate	ND		2000	250	ppb v/v			01/05/26 22:38	1000
Toluene	ND		1000	400	ppb v/v			01/05/26 22:38	1000
trans-1,2-Dichloroethene	ND		1000	200	ppb v/v			01/05/26 22:38	1000
trans-1,3-Dichloropropene	ND		1000	120	ppb v/v			01/05/26 22:38	1000
Trichloroethene	ND		1000	180	ppb v/v			01/05/26 22:38	1000
Trichlorofluoromethane	ND		1000	150	ppb v/v			01/05/26 22:38	1000
Vinyl chloride	ND		1000	120	ppb v/v			01/05/26 22:38	1000
Hexachlorobutadiene	ND		2000	470	ppb v/v			01/05/26 22:38	1000
Isopropanol	ND		1000	600	ppb v/v			01/05/26 22:38	1000
Methyl methacrylate	ND		1000	150	ppb v/v			01/05/26 22:38	1000
Propene	ND		1000	300	ppb v/v			01/05/26 22:38	1000
tert-Butyl alcohol	ND		1000	210	ppb v/v			01/05/26 22:38	1000
Tetrahydrofuran	ND		1000	240	ppb v/v			01/05/26 22:38	1000
Vinyl acetate	ND		1000	160	ppb v/v			01/05/26 22:38	1000

Method: EPA-18 - Volatile Organic Compounds

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**1800**		160	30	mg/m3			12/20/25 12:32	50
C1-C10 as methane	**3000**		330	160	mg/m3			12/20/25 12:32	50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**2800**		250	45	ppm v/v			12/20/25 12:32	50
C1-C10 as methane	**4600**		500	250	ppm v/v			12/20/25 12:32	50

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 410-751761/7
Matrix: Air
Analysis Batch: 751761

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.65	ug/m3			01/03/26 16:07	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.0	ug/m3			01/03/26 16:07	1
1,1,2-Trichloroethane	ND		5.5	0.65	ug/m3			01/03/26 16:07	1
1,1-Dichloroethane	ND		4.0	0.36	ug/m3			01/03/26 16:07	1
1,1-Dichloroethene	ND		4.0	0.56	ug/m3			01/03/26 16:07	1
1,2,4-Trichlorobenzene	ND		15	3.7	ug/m3			01/03/26 16:07	1
1,2,4-Trimethylbenzene	ND		9.8	1.4	ug/m3			01/03/26 16:07	1
1,2-Dibromoethane	ND		7.7	1.0	ug/m3			01/03/26 16:07	1
1,2-Dichlorobenzene	ND		6.0	1.2	ug/m3			01/03/26 16:07	1
1,2-Dichloroethane	ND		4.0	0.32	ug/m3			01/03/26 16:07	1
1,2-Dichloropropane	ND		4.6	0.60	ug/m3			01/03/26 16:07	1
1,3,5-Trimethylbenzene	ND		9.8	1.6	ug/m3			01/03/26 16:07	1
1,3-Butadiene	ND		2.2	0.38	ug/m3			01/03/26 16:07	1
1,3-Dichlorobenzene	ND		6.0	1.8	ug/m3			01/03/26 16:07	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/m3			01/03/26 16:07	1
2-Butanone	ND		2.9	0.62	ug/m3			01/03/26 16:07	1
2-Hexanone	ND		8.2	2.0	ug/m3			01/03/26 16:07	1
3-Chloroprene	ND		3.1	0.63	ug/m3			01/03/26 16:07	1
4-Ethyltoluene	ND		4.9	0.88	ug/m3			01/03/26 16:07	1
1,4-Dioxane	ND		3.6	0.61	ug/m3			01/03/26 16:07	1
4-Methyl-2-pentanone	ND		4.1	0.61	ug/m3			01/03/26 16:07	1
Acetone	ND		12	2.4	ug/m3			01/03/26 16:07	1
2-Chlorotoluene	ND		5.2	1.1	ug/m3			01/03/26 16:07	1
Benzene	ND		3.2	0.35	ug/m3			01/03/26 16:07	1
Bromodichloromethane	ND		6.7	2.7	ug/m3			01/03/26 16:07	1
Bromoform	ND		10	4.1	ug/m3			01/03/26 16:07	1
Bromomethane	ND		3.9	0.78	ug/m3			01/03/26 16:07	1
Carbon disulfide	ND		3.1	1.2	ug/m3			01/03/26 16:07	1
Carbon tetrachloride	ND		6.3	0.88	ug/m3			01/03/26 16:07	1
Chlorobenzene	ND		4.6	0.60	ug/m3			01/03/26 16:07	1
Chloroethane	ND		2.6	0.79	ug/m3			01/03/26 16:07	1
Chloroform	ND		4.9	0.45	ug/m3			01/03/26 16:07	1
Benzyl chloride	ND		10	1.6	ug/m3			01/03/26 16:07	1
Chloromethane	ND		2.1	0.83	ug/m3			01/03/26 16:07	1
cis-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			01/03/26 16:07	1
cis-1,3-Dichloropropene	ND		4.5	0.45	ug/m3			01/03/26 16:07	1
Bromoethene	ND		4.4	0.79	ug/m3			01/03/26 16:07	1
Dibromochloromethane	ND		8.5	3.4	ug/m3			01/03/26 16:07	1
Dichlorodifluoromethane	ND		4.9	0.64	ug/m3			01/03/26 16:07	1
Ethylbenzene	ND		4.3	0.83	ug/m3			01/03/26 16:07	1
Freon 113	ND		7.7	1.5	ug/m3			01/03/26 16:07	1
Freon-114	ND		7.0	0.84	ug/m3			01/03/26 16:07	1
Heptane	ND		4.1	0.94	ug/m3			01/03/26 16:07	1
Hexane	ND		3.5	1.1	ug/m3			01/03/26 16:07	1
Isooctane	ND		4.7	1.9	ug/m3			01/03/26 16:07	1
m&p-Xylene	ND		4.3	1.1	ug/m3			01/03/26 16:07	1
Cyclohexane	ND		3.4	0.69	ug/m3			01/03/26 16:07	1
Methyl t-butyl ether	ND		3.6	0.54	ug/m3			01/03/26 16:07	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-751761/7
Matrix: Air
Analysis Batch: 751761

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		6.9	0.87	ug/m3			01/03/26 16:07	1
o-Xylene	ND		4.3	0.83	ug/m3			01/03/26 16:07	1
Styrene	ND		4.3	0.85	ug/m3			01/03/26 16:07	1
Ethanol	ND		9.4	3.8	ug/m3			01/03/26 16:07	1
Tetrachloroethene	ND		14	1.7	ug/m3			01/03/26 16:07	1
Ethyl acetate	ND		7.2	0.90	ug/m3			01/03/26 16:07	1
Toluene	ND		3.8	1.5	ug/m3			01/03/26 16:07	1
trans-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			01/03/26 16:07	1
trans-1,3-Dichloropropene	ND		4.5	0.54	ug/m3			01/03/26 16:07	1
Trichloroethene	ND		5.4	0.97	ug/m3			01/03/26 16:07	1
Trichlorofluoromethane	ND		5.6	0.84	ug/m3			01/03/26 16:07	1
Vinyl chloride	ND		2.6	0.31	ug/m3			01/03/26 16:07	1
Hexachlorobutadiene	ND		21	5.0	ug/m3			01/03/26 16:07	1
Isopropanol	ND		2.5	1.5	ug/m3			01/03/26 16:07	1
Methyl methacrylate	ND		4.1	0.61	ug/m3			01/03/26 16:07	1
Propene	ND		1.7	0.52	ug/m3			01/03/26 16:07	1
tert-Butyl alcohol	ND		3.0	0.64	ug/m3			01/03/26 16:07	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			01/03/26 16:07	1
Vinyl acetate	ND		3.5	0.56	ug/m3			01/03/26 16:07	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.12	ppb v/v			01/03/26 16:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ppb v/v			01/03/26 16:07	1
1,1,2-Trichloroethane	ND		1.0	0.12	ppb v/v			01/03/26 16:07	1
1,1-Dichloroethane	ND		1.0	0.089	ppb v/v			01/03/26 16:07	1
1,1-Dichloroethene	ND		1.0	0.14	ppb v/v			01/03/26 16:07	1
1,2,4-Trichlorobenzene	ND		2.0	0.50	ppb v/v			01/03/26 16:07	1
1,2,4-Trimethylbenzene	ND		2.0	0.28	ppb v/v			01/03/26 16:07	1
1,2-Dibromoethane	ND		1.0	0.13	ppb v/v			01/03/26 16:07	1
1,2-Dichlorobenzene	ND		1.0	0.20	ppb v/v			01/03/26 16:07	1
1,2-Dichloroethane	ND		1.0	0.080	ppb v/v			01/03/26 16:07	1
1,2-Dichloropropane	ND		1.0	0.13	ppb v/v			01/03/26 16:07	1
1,3,5-Trimethylbenzene	ND		2.0	0.32	ppb v/v			01/03/26 16:07	1
1,3-Butadiene	ND		1.0	0.17	ppb v/v			01/03/26 16:07	1
1,3-Dichlorobenzene	ND		1.0	0.30	ppb v/v			01/03/26 16:07	1
1,4-Dichlorobenzene	ND		1.0	0.30	ppb v/v			01/03/26 16:07	1
2-Butanone	ND		1.0	0.21	ppb v/v			01/03/26 16:07	1
2-Hexanone	ND		2.0	0.50	ppb v/v			01/03/26 16:07	1
3-Chloroprene	ND		1.0	0.20	ppb v/v			01/03/26 16:07	1
4-Ethyltoluene	ND		1.0	0.18	ppb v/v			01/03/26 16:07	1
1,4-Dioxane	ND		1.0	0.17	ppb v/v			01/03/26 16:07	1
4-Methyl-2-pentanone	ND		1.0	0.15	ppb v/v			01/03/26 16:07	1
Acetone	ND		5.0	1.0	ppb v/v			01/03/26 16:07	1
2-Chlorotoluene	ND		1.0	0.22	ppb v/v			01/03/26 16:07	1
Benzene	ND		1.0	0.11	ppb v/v			01/03/26 16:07	1
Bromodichloromethane	ND		1.0	0.40	ppb v/v			01/03/26 16:07	1
Bromoform	ND		1.0	0.40	ppb v/v			01/03/26 16:07	1
Bromomethane	ND		1.0	0.20	ppb v/v			01/03/26 16:07	1
Carbon disulfide	ND		1.0	0.40	ppb v/v			01/03/26 16:07	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-751761/7
Matrix: Air
Analysis Batch: 751761

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.14	ppb v/v			01/03/26 16:07	1
Chlorobenzene	ND		1.0	0.13	ppb v/v			01/03/26 16:07	1
Chloroethane	ND		1.0	0.30	ppb v/v			01/03/26 16:07	1
Chloroform	ND		1.0	0.092	ppb v/v			01/03/26 16:07	1
Benzyl chloride	ND		2.0	0.30	ppb v/v			01/03/26 16:07	1
Chloromethane	ND		1.0	0.40	ppb v/v			01/03/26 16:07	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			01/03/26 16:07	1
cis-1,3-Dichloropropene	ND		1.0	0.10	ppb v/v			01/03/26 16:07	1
Bromoethene	ND		1.0	0.18	ppb v/v			01/03/26 16:07	1
Dibromochloromethane	ND		1.0	0.40	ppb v/v			01/03/26 16:07	1
Dichlorodifluoromethane	ND		1.0	0.13	ppb v/v			01/03/26 16:07	1
Ethylbenzene	ND		1.0	0.19	ppb v/v			01/03/26 16:07	1
Freon 113	ND		1.0	0.20	ppb v/v			01/03/26 16:07	1
Freon-114	ND		1.0	0.12	ppb v/v			01/03/26 16:07	1
Heptane	ND		1.0	0.23	ppb v/v			01/03/26 16:07	1
Hexane	ND		1.0	0.30	ppb v/v			01/03/26 16:07	1
Isooctane	ND		1.0	0.40	ppb v/v			01/03/26 16:07	1
m&p-Xylene	ND		1.0	0.26	ppb v/v			01/03/26 16:07	1
Cyclohexane	ND		1.0	0.20	ppb v/v			01/03/26 16:07	1
Methyl t-butyl ether	ND		1.0	0.15	ppb v/v			01/03/26 16:07	1
Methylene Chloride	ND		2.0	0.25	ppb v/v			01/03/26 16:07	1
o-Xylene	ND		1.0	0.19	ppb v/v			01/03/26 16:07	1
Styrene	ND		1.0	0.20	ppb v/v			01/03/26 16:07	1
Ethanol	ND		5.0	2.0	ppb v/v			01/03/26 16:07	1
Tetrachloroethene	ND		2.0	0.25	ppb v/v			01/03/26 16:07	1
Ethyl acetate	ND		2.0	0.25	ppb v/v			01/03/26 16:07	1
Toluene	ND		1.0	0.40	ppb v/v			01/03/26 16:07	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			01/03/26 16:07	1
trans-1,3-Dichloropropene	ND		1.0	0.12	ppb v/v			01/03/26 16:07	1
Trichloroethene	ND		1.0	0.18	ppb v/v			01/03/26 16:07	1
Trichlorofluoromethane	ND		1.0	0.15	ppb v/v			01/03/26 16:07	1
Vinyl chloride	ND		1.0	0.12	ppb v/v			01/03/26 16:07	1
Hexachlorobutadiene	ND		2.0	0.47	ppb v/v			01/03/26 16:07	1
Isopropanol	ND		1.0	0.60	ppb v/v			01/03/26 16:07	1
Methyl methacrylate	ND		1.0	0.15	ppb v/v			01/03/26 16:07	1
Propene	ND		1.0	0.30	ppb v/v			01/03/26 16:07	1
tert-Butyl alcohol	ND		1.0	0.21	ppb v/v			01/03/26 16:07	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			01/03/26 16:07	1
Vinyl acetate	ND		1.0	0.16	ppb v/v			01/03/26 16:07	1

Lab Sample ID: LCS 410-751761/4
Matrix: Air
Analysis Batch: 751761

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	44.0		ug/m3		81	70 - 130
1,1,2,2-Tetrachloroethane	68.7	59.5		ug/m3		87	61 - 130
1,1,2-Trichloroethane	54.6	49.9		ug/m3		91	70 - 130
1,1-Dichloroethane	40.5	37.5		ug/m3		93	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-751761/4
Matrix: Air
Analysis Batch: 751761

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	39.6	41.7		ug/m3		105	70 - 131
1,2,4-Trichlorobenzene	74.2	53.9		ug/m3		73	52 - 143
1,2,4-Trimethylbenzene	49.2	41.7		ug/m3		85	65 - 146
1,2-Dibromoethane	76.8	66.8		ug/m3		87	70 - 130
1,2-Dichlorobenzene	60.1	53.2		ug/m3		88	61 - 139
1,2-Dichloroethane	40.5	36.9		ug/m3		91	70 - 131
1,2-Dichloropropane	46.2	43.3		ug/m3		94	70 - 130
1,3,5-Trimethylbenzene	49.2	40.8		ug/m3		83	69 - 141
1,3-Butadiene	22.1	19.4		ug/m3		88	70 - 131
1,3-Dichlorobenzene	60.1	51.8		ug/m3		86	64 - 140
1,4-Dichlorobenzene	60.1	51.2		ug/m3		85	64 - 137
2-Butanone	29.5	23.9		ug/m3		81	70 - 130
2-Hexanone	41.0	35.3		ug/m3		86	57 - 141
3-Chloroprene	31.3	30.2		ug/m3		96	70 - 137
4-Ethyltoluene	49.2	42.1		ug/m3		86	69 - 139
1,4-Dioxane	36.0	34.0		ug/m3		94	70 - 130
4-Methyl-2-pentanone	41.0	33.2		ug/m3		81	68 - 133
Acetone	23.8	18.5		ug/m3		78	70 - 137
2-Chlorotoluene	51.8	43.2		ug/m3		83	70 - 130
Benzene	31.9	28.3		ug/m3		89	70 - 130
Bromodichloromethane	67.0	60.8		ug/m3		91	70 - 130
Bromoform	103	85.1		ug/m3		82	60 - 139
Bromomethane	38.8	36.4		ug/m3		94	70 - 140
Carbon disulfide	31.1	27.6		ug/m3		89	70 - 130
Carbon tetrachloride	62.9	50.5		ug/m3		80	70 - 130
Chlorobenzene	46.0	38.9		ug/m3		85	70 - 130
Chloroethane	26.4	23.6		ug/m3		89	70 - 131
Chloroform	48.8	45.1		ug/m3		92	70 - 130
Benzyl chloride	51.8	37.3		ug/m3		72	57 - 142
Chloromethane	20.7	16.4		ug/m3		79	64 - 138
cis-1,2-Dichloroethene	39.6	36.2		ug/m3		91	70 - 130
cis-1,3-Dichloropropene	45.4	39.5		ug/m3		87	70 - 130
Bromoethene	43.7	38.5		ug/m3		88	70 - 130
Dibromochloromethane	85.2	76.0		ug/m3		89	70 - 130
Dichlorodifluoromethane	49.5	41.9		ug/m3		85	70 - 131
Ethylbenzene	43.4	36.0		ug/m3		83	70 - 130
Freon 113	76.6	77.0		ug/m3		101	70 - 130
Freon-114	69.9	64.3		ug/m3		92	70 - 130
Heptane	41.0	36.9		ug/m3		90	70 - 130
Hexane	35.2	27.8		ug/m3		79	61 - 130
Isooctane	46.7	44.2		ug/m3		95	70 - 130
m&p-Xylene	43.4	37.5		ug/m3		86	70 - 130
Cyclohexane	34.4	29.9		ug/m3		87	61 - 130
Methyl t-butyl ether	36.1	29.8		ug/m3		83	70 - 130
Methylene Chloride	34.7	34.1		ug/m3		98	70 - 130
o-Xylene	43.4	33.7		ug/m3		78	70 - 130
Styrene	42.6	34.1		ug/m3		80	70 - 133
Ethanol	18.8	19.3		ug/m3		103	62 - 150
Tetrachloroethene	67.8	52.5		ug/m3		77	70 - 140

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-751761/4
Matrix: Air
Analysis Batch: 751761

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate	36.0	28.0		ug/m3		78	70 - 130
Toluene	37.7	33.5		ug/m3		89	70 - 130
trans-1,2-Dichloroethene	39.6	34.8		ug/m3		88	70 - 130
trans-1,3-Dichloropropene	45.4	41.6		ug/m3		92	70 - 130
Trichloroethene	53.7	47.6		ug/m3		89	70 - 130
Trichlorofluoromethane	56.2	50.6		ug/m3		90	70 - 130
Vinyl chloride	25.6	25.5		ug/m3		100	70 - 135
Hexachlorobutadiene	107	77.2		ug/m3		72	40 - 157
Isopropanol	24.6	17.1		ug/m3		70	62 - 135
Methyl methacrylate	40.9	35.0		ug/m3		85	70 - 130
Propene	17.2	14.5		ug/m3		84	58 - 130
tert-Butyl alcohol	33.6	24.5		ug/m3		73	50 - 130
Tetrahydrofuran	29.5	26.8		ug/m3		91	54 - 143
Vinyl acetate	35.2	30.3		ug/m3		86	70 - 137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	10	8.06		ppb v/v		81	70 - 130
1,1,2,2-Tetrachloroethane	10	8.67		ppb v/v		87	61 - 130
1,1,2-Trichloroethane	10	9.15		ppb v/v		91	70 - 130
1,1-Dichloroethane	10	9.26		ppb v/v		93	70 - 130
1,1-Dichloroethene	10	10.5		ppb v/v		105	70 - 131
1,2,4-Trichlorobenzene	10	7.26		ppb v/v		73	52 - 143
1,2,4-Trimethylbenzene	10	8.49		ppb v/v		85	65 - 146
1,2-Dibromoethane	10	8.69		ppb v/v		87	70 - 130
1,2-Dichlorobenzene	10	8.85		ppb v/v		88	61 - 139
1,2-Dichloroethane	10	9.11		ppb v/v		91	70 - 131
1,2-Dichloropropane	10	9.36		ppb v/v		94	70 - 130
1,3,5-Trimethylbenzene	10	8.29		ppb v/v		83	69 - 141
1,3-Butadiene	10	8.79		ppb v/v		88	70 - 131
1,3-Dichlorobenzene	10	8.62		ppb v/v		86	64 - 140
1,4-Dichlorobenzene	10	8.52		ppb v/v		85	64 - 137
2-Butanone	10	8.09		ppb v/v		81	70 - 130
2-Hexanone	10	8.63		ppb v/v		86	57 - 141
3-Chloroprene	10	9.63		ppb v/v		96	70 - 137
4-Ethyltoluene	10	8.56		ppb v/v		86	69 - 139
1,4-Dioxane	10	9.45		ppb v/v		94	70 - 130
4-Methyl-2-pentanone	10	8.11		ppb v/v		81	68 - 133
Acetone	10	7.78		ppb v/v		78	70 - 137
2-Chlorotoluene	10	8.34		ppb v/v		83	70 - 130
Benzene	10	8.87		ppb v/v		89	70 - 130
Bromodichloromethane	10	9.08		ppb v/v		91	70 - 130
Bromoform	10	8.23		ppb v/v		82	60 - 139
Bromomethane	10	9.37		ppb v/v		94	70 - 140
Carbon disulfide	10	8.86		ppb v/v		89	70 - 130
Carbon tetrachloride	10	8.02		ppb v/v		80	70 - 130
Chlorobenzene	10	8.46		ppb v/v		85	70 - 130
Chloroethane	10	8.93		ppb v/v		89	70 - 131
Chloroform	10	9.24		ppb v/v		92	70 - 130
Benzyl chloride	10	7.21		ppb v/v		72	57 - 142

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-751761/4
Matrix: Air
Analysis Batch: 751761

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	10	7.93		ppb v/v		79	64 - 138
cis-1,2-Dichloroethene	10	9.13		ppb v/v		91	70 - 130
cis-1,3-Dichloropropene	10	8.70		ppb v/v		87	70 - 130
Bromoethene	10	8.80		ppb v/v		88	70 - 130
Dibromochloromethane	10	8.92		ppb v/v		89	70 - 130
Dichlorodifluoromethane	10	8.46		ppb v/v		85	70 - 131
Ethylbenzene	10	8.30		ppb v/v		83	70 - 130
Freon 113	10	10.1		ppb v/v		101	70 - 130
Freon-114	10	9.19		ppb v/v		92	70 - 130
Heptane	10	9.01		ppb v/v		90	70 - 130
Hexane	10	7.88		ppb v/v		79	61 - 130
Isooctane	10	9.46		ppb v/v		95	70 - 130
m&p-Xylene	10	8.63		ppb v/v		86	70 - 130
Cyclohexane	10	8.70		ppb v/v		87	61 - 130
Methyl t-butyl ether	10	8.28		ppb v/v		83	70 - 130
Methylene Chloride	10	9.83		ppb v/v		98	70 - 130
o-Xylene	10	7.75		ppb v/v		78	70 - 130
Styrene	10	7.99		ppb v/v		80	70 - 133
Ethanol	10	10.3		ppb v/v		103	62 - 150
Tetrachloroethene	10	7.73		ppb v/v		77	70 - 140
Ethyl acetate	10	7.76		ppb v/v		78	70 - 130
Toluene	10	8.89		ppb v/v		89	70 - 130
trans-1,2-Dichloroethene	10	8.78		ppb v/v		88	70 - 130
trans-1,3-Dichloropropene	10	9.16		ppb v/v		92	70 - 130
Trichloroethene	10	8.85		ppb v/v		89	70 - 130
Trichlorofluoromethane	10	9.01		ppb v/v		90	70 - 130
Vinyl chloride	10	10.0		ppb v/v		100	70 - 135
Hexachlorobutadiene	10	7.24		ppb v/v		72	40 - 157
Isopropanol	10	6.97		ppb v/v		70	62 - 135
Methyl methacrylate	10	8.54		ppb v/v		85	70 - 130
Propene	10	8.44		ppb v/v		84	58 - 130
tert-Butyl alcohol	11	8.08		ppb v/v		73	50 - 130
Tetrahydrofuran	10	9.09		ppb v/v		91	54 - 143
Vinyl acetate	10	8.61		ppb v/v		86	70 - 137

Lab Sample ID: 410-258483-3 DU
Matrix: Air
Analysis Batch: 751761

Client Sample ID: LICC Air
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1-Trichloroethane	ND		ND		ug/m3		NC	25
1,1,2,2-Tetrachloroethane	ND		ND		ug/m3		NC	25
1,1,2-Trichloroethane	ND		4.61	J	ug/m3		6	25
1,1-Dichloroethane	ND		ND		ug/m3		NC	25
1,1-Dichloroethene	ND		ND		ug/m3		NC	25
1,2,4-Trichlorobenzene	ND		ND		ug/m3		NC	25
1,2,4-Trimethylbenzene	4.2	J	3.94	J	ug/m3		6	25
1,2-Dibromoethane	ND		ND		ug/m3		NC	25
1,2-Dichlorobenzene	ND		ND		ug/m3		NC	25

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: 410-258483-3 DU
Matrix: Air
Analysis Batch: 751761

Client Sample ID: LICC Air
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,2-Dichloroethane	ND		ND		ug/m3		NC	25
1,2-Dichloropropane	ND		ND		ug/m3		NC	25
1,3,5-Trimethylbenzene	ND		ND		ug/m3		NC	25
1,3-Butadiene	ND		ND		ug/m3		NC	25
1,3-Dichlorobenzene	ND		ND		ug/m3		NC	25
1,4-Dichlorobenzene	ND		ND		ug/m3		NC	25
2-Butanone	1.9	J	2.11	J	ug/m3		12	25
2-Hexanone	ND		ND		ug/m3		NC	25
3-Chloroprene	ND		ND		ug/m3		NC	25
4-Ethyltoluene	1.4	J	1.39	J	ug/m3		2	25
1,4-Dioxane	ND		ND		ug/m3		NC	25
4-Methyl-2-pentanone	ND		ND		ug/m3		NC	25
Acetone	10	J	10.7	J	ug/m3		5	25
2-Chlorotoluene	ND		ND		ug/m3		NC	25
Benzene	4.0		4.05		ug/m3		0.7	25
Bromodichloromethane	ND		ND		ug/m3		NC	25
Bromoform	ND		ND		ug/m3		NC	25
Bromomethane	ND		ND		ug/m3		NC	25
Carbon disulfide	ND		ND		ug/m3		NC	25
Carbon tetrachloride	ND		ND		ug/m3		NC	25
Chlorobenzene	ND		ND		ug/m3		NC	25
Chloroethane	ND		ND		ug/m3		NC	25
Chloroform	ND		ND		ug/m3		NC	25
Benzyl chloride	ND		ND		ug/m3		NC	25
Chloromethane	ND		ND		ug/m3		NC	25
cis-1,2-Dichloroethene	ND		ND		ug/m3		NC	25
cis-1,3-Dichloropropene	ND		ND		ug/m3		NC	25
Bromoethene	ND		ND		ug/m3		NC	25
Dibromochloromethane	ND		ND		ug/m3		NC	25
Dichlorodifluoromethane	2.0	J	2.24	J	ug/m3		10	25
Ethylbenzene	4.3		4.24	J	ug/m3		0.7	25
Freon 113	ND		ND		ug/m3		NC	25
Freon-114	ND		ND		ug/m3		NC	25
Heptane	8.4		9.03		ug/m3		7	25
Hexane	9.6		10.3		ug/m3		7	25
Isooctane	3.7	J	3.80	J	ug/m3		4	25
m&p-Xylene	13		13.3		ug/m3		0.4	25
Cyclohexane	8.8		9.42		ug/m3		7	25
Methyl t-butyl ether	ND		ND		ug/m3		NC	25
Methylene Chloride	0.88	J	ND		ug/m3		NC	25
o-Xylene	4.6		4.61		ug/m3		0.1	25
Styrene	ND		ND		ug/m3		NC	25
Ethanol	34		37.8		ug/m3		10	25
Tetrachloroethene	ND		ND		ug/m3		NC	25
Ethyl acetate	ND		ND		ug/m3		NC	25
Toluene	15		15.4		ug/m3		1	25
trans-1,2-Dichloroethene	ND		ND		ug/m3		NC	25
trans-1,3-Dichloropropene	ND		ND		ug/m3		NC	25
Trichloroethene	ND		ND		ug/m3		NC	25

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: 410-258483-3 DU
Matrix: Air
Analysis Batch: 751761

Client Sample ID: LICC Air
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Trichlorofluoromethane	1.1	J		1.20	J	ug/m3				11	25
Vinyl chloride	ND			ND		ug/m3				NC	25
Hexachlorobutadiene	ND			ND		ug/m3				NC	25
Isopropanol	4.0			4.08		ug/m3				1	25
Methyl methacrylate	ND			ND		ug/m3				NC	25
Propene	ND			ND		ug/m3				NC	25
tert-Butyl alcohol	ND			ND		ug/m3				NC	25
Tetrahydrofuran	ND			ND		ug/m3				NC	25
Vinyl acetate	ND			ND		ug/m3				NC	25

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,1,1-Trichloroethane	ND			ND		ppb v/v				NC	25
1,1,2,2-Tetrachloroethane	ND			ND		ppb v/v				NC	25
1,1,2-Trichloroethane	ND			0.845	J	ppb v/v				6	25
1,1-Dichloroethane	ND			ND		ppb v/v				NC	25
1,1-Dichloroethene	ND			ND		ppb v/v				NC	25
1,2,4-Trichlorobenzene	ND			ND		ppb v/v				NC	25
1,2,4-Trimethylbenzene	0.85	J		0.802	J	ppb v/v				6	25
1,2-Dibromoethane	ND			ND		ppb v/v				NC	25
1,2-Dichlorobenzene	ND			ND		ppb v/v				NC	25
1,2-Dichloroethane	ND			ND		ppb v/v				NC	25
1,2-Dichloropropane	ND			ND		ppb v/v				NC	25
1,3,5-Trimethylbenzene	ND			ND		ppb v/v				NC	25
1,3-Butadiene	ND			ND		ppb v/v				NC	25
1,3-Dichlorobenzene	ND			ND		ppb v/v				NC	25
1,4-Dichlorobenzene	ND			ND		ppb v/v				NC	25
2-Butanone	0.64	J		0.716	J	ppb v/v				12	25
2-Hexanone	ND			ND		ppb v/v				NC	25
3-Chloroprene	ND			ND		ppb v/v				NC	25
4-Ethyltoluene	0.28	J		0.284	J	ppb v/v				2	25
1,4-Dioxane	ND			ND		ppb v/v				NC	25
4-Methyl-2-pentanone	ND			ND		ppb v/v				NC	25
Acetone	4.3	J		4.51	J	ppb v/v				5	25
2-Chlorotoluene	ND			ND		ppb v/v				NC	25
Benzene	1.3			1.27		ppb v/v				0.7	25
Bromodichloromethane	ND			ND		ppb v/v				NC	25
Bromoform	ND			ND		ppb v/v				NC	25
Bromomethane	ND			ND		ppb v/v				NC	25
Carbon disulfide	ND			ND		ppb v/v				NC	25
Carbon tetrachloride	ND			ND		ppb v/v				NC	25
Chlorobenzene	ND			ND		ppb v/v				NC	25
Chloroethane	ND			ND		ppb v/v				NC	25
Chloroform	ND			ND		ppb v/v				NC	25
Benzyl chloride	ND			ND		ppb v/v				NC	25
Chloromethane	ND			ND		ppb v/v				NC	25
cis-1,2-Dichloroethene	ND			ND		ppb v/v				NC	25
cis-1,3-Dichloropropene	ND			ND		ppb v/v				NC	25
Bromoethene	ND			ND		ppb v/v				NC	25
Dibromochloromethane	ND			ND		ppb v/v				NC	25

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: 410-258483-3 DU
Matrix: Air
Analysis Batch: 751761

Client Sample ID: LICC Air
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Dichlorodifluoromethane	0.41	J	0.452	J	ppb v/v		10	25
Ethylbenzene	0.98		0.977	J	ppb v/v		0.7	25
Freon 113	ND		ND		ppb v/v		NC	25
Freon-114	ND		ND		ppb v/v		NC	25
Heptane	2.1		2.20		ppb v/v		7	25
Hexane	2.7		2.93		ppb v/v		7	25
Isooctane	0.78	J	0.814	J	ppb v/v		4	25
m&p-Xylene	3.1		3.05		ppb v/v		0.4	25
Cyclohexane	2.6		2.74		ppb v/v		7	25
Methyl t-butyl ether	ND		ND		ppb v/v		NC	25
Methylene Chloride	0.25	J	ND		ppb v/v		NC	25
o-Xylene	1.1		1.06		ppb v/v		0.1	25
Styrene	ND		ND		ppb v/v		NC	25
Ethanol	18		20.0		ppb v/v		10	25
Tetrachloroethene	ND		ND		ppb v/v		NC	25
Ethyl acetate	ND		ND		ppb v/v		NC	25
Toluene	4.0		4.08		ppb v/v		1	25
trans-1,2-Dichloroethene	ND		ND		ppb v/v		NC	25
trans-1,3-Dichloropropene	ND		ND		ppb v/v		NC	25
Trichloroethene	ND		ND		ppb v/v		NC	25
Trichlorofluoromethane	0.19	J	0.214	J	ppb v/v		11	25
Vinyl chloride	ND		ND		ppb v/v		NC	25
Hexachlorobutadiene	ND		ND		ppb v/v		NC	25
Isopropanol	1.6		1.66		ppb v/v		1	25
Methyl methacrylate	ND		ND		ppb v/v		NC	25
Propene	ND		ND		ppb v/v		NC	25
tert-Butyl alcohol	ND		ND		ppb v/v		NC	25
Tetrahydrofuran	ND		ND		ppb v/v		NC	25
Vinyl acetate	ND		ND		ppb v/v		NC	25

Lab Sample ID: MB 410-752110/7
Matrix: Air
Analysis Batch: 752110

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.65	ug/m3			01/05/26 17:04	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.0	ug/m3			01/05/26 17:04	1
1,1,2-Trichloroethane	ND		5.5	0.65	ug/m3			01/05/26 17:04	1
1,1-Dichloroethane	ND		4.0	0.36	ug/m3			01/05/26 17:04	1
1,1-Dichloroethene	ND		4.0	0.56	ug/m3			01/05/26 17:04	1
1,2,4-Trichlorobenzene	ND		15	3.7	ug/m3			01/05/26 17:04	1
1,2,4-Trimethylbenzene	ND		9.8	1.4	ug/m3			01/05/26 17:04	1
1,2-Dibromoethane	ND		7.7	1.0	ug/m3			01/05/26 17:04	1
1,2-Dichlorobenzene	ND		6.0	1.2	ug/m3			01/05/26 17:04	1
1,2-Dichloroethane	ND		4.0	0.32	ug/m3			01/05/26 17:04	1
1,2-Dichloropropane	ND		4.6	0.60	ug/m3			01/05/26 17:04	1
1,3,5-Trimethylbenzene	ND		9.8	1.6	ug/m3			01/05/26 17:04	1
1,3-Butadiene	ND		2.2	0.38	ug/m3			01/05/26 17:04	1
1,3-Dichlorobenzene	ND		6.0	1.8	ug/m3			01/05/26 17:04	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-752110/7
Matrix: Air
Analysis Batch: 752110

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		6.0	1.8	ug/m3			01/05/26 17:04	1
2-Butanone	ND		2.9	0.62	ug/m3			01/05/26 17:04	1
2-Hexanone	ND		8.2	2.0	ug/m3			01/05/26 17:04	1
3-Chloroprene	ND		3.1	0.63	ug/m3			01/05/26 17:04	1
4-Ethyltoluene	ND		4.9	0.88	ug/m3			01/05/26 17:04	1
1,4-Dioxane	ND		3.6	0.61	ug/m3			01/05/26 17:04	1
4-Methyl-2-pentanone	ND		4.1	0.61	ug/m3			01/05/26 17:04	1
Acetone	ND		12	2.4	ug/m3			01/05/26 17:04	1
2-Chlorotoluene	ND		5.2	1.1	ug/m3			01/05/26 17:04	1
Benzene	ND		3.2	0.35	ug/m3			01/05/26 17:04	1
Bromodichloromethane	ND		6.7	2.7	ug/m3			01/05/26 17:04	1
Bromoform	ND		10	4.1	ug/m3			01/05/26 17:04	1
Bromomethane	ND		3.9	0.78	ug/m3			01/05/26 17:04	1
Carbon disulfide	ND		3.1	1.2	ug/m3			01/05/26 17:04	1
Carbon tetrachloride	ND		6.3	0.88	ug/m3			01/05/26 17:04	1
Chlorobenzene	ND		4.6	0.60	ug/m3			01/05/26 17:04	1
Chloroethane	ND		2.6	0.79	ug/m3			01/05/26 17:04	1
Chloroform	ND		4.9	0.45	ug/m3			01/05/26 17:04	1
Benzyl chloride	ND		10	1.6	ug/m3			01/05/26 17:04	1
Chloromethane	ND		2.1	0.83	ug/m3			01/05/26 17:04	1
cis-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			01/05/26 17:04	1
cis-1,3-Dichloropropene	ND		4.5	0.45	ug/m3			01/05/26 17:04	1
Bromoethene	ND		4.4	0.79	ug/m3			01/05/26 17:04	1
Dibromochloromethane	ND		8.5	3.4	ug/m3			01/05/26 17:04	1
Dichlorodifluoromethane	ND		4.9	0.64	ug/m3			01/05/26 17:04	1
Ethylbenzene	ND		4.3	0.83	ug/m3			01/05/26 17:04	1
Freon 113	ND		7.7	1.5	ug/m3			01/05/26 17:04	1
Freon-114	ND		7.0	0.84	ug/m3			01/05/26 17:04	1
Heptane	ND		4.1	0.94	ug/m3			01/05/26 17:04	1
Hexane	ND		3.5	1.1	ug/m3			01/05/26 17:04	1
Isooctane	ND		4.7	1.9	ug/m3			01/05/26 17:04	1
m&p-Xylene	ND		4.3	1.1	ug/m3			01/05/26 17:04	1
Cyclohexane	ND		3.4	0.69	ug/m3			01/05/26 17:04	1
Methyl t-butyl ether	ND		3.6	0.54	ug/m3			01/05/26 17:04	1
Methylene Chloride	ND		6.9	0.87	ug/m3			01/05/26 17:04	1
o-Xylene	ND		4.3	0.83	ug/m3			01/05/26 17:04	1
Styrene	ND		4.3	0.85	ug/m3			01/05/26 17:04	1
Ethanol	ND		9.4	3.8	ug/m3			01/05/26 17:04	1
Tetrachloroethene	ND		14	1.7	ug/m3			01/05/26 17:04	1
Ethyl acetate	ND		7.2	0.90	ug/m3			01/05/26 17:04	1
Toluene	ND		3.8	1.5	ug/m3			01/05/26 17:04	1
trans-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			01/05/26 17:04	1
trans-1,3-Dichloropropene	ND		4.5	0.54	ug/m3			01/05/26 17:04	1
Trichloroethene	ND		5.4	0.97	ug/m3			01/05/26 17:04	1
Trichlorofluoromethane	ND		5.6	0.84	ug/m3			01/05/26 17:04	1
Vinyl chloride	ND		2.6	0.31	ug/m3			01/05/26 17:04	1
Hexachlorobutadiene	ND		21	5.0	ug/m3			01/05/26 17:04	1
Isopropanol	ND		2.5	1.5	ug/m3			01/05/26 17:04	1
Methyl methacrylate	ND		4.1	0.61	ug/m3			01/05/26 17:04	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-752110/7
Matrix: Air
Analysis Batch: 752110

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propene	ND		1.7	0.52	ug/m3			01/05/26 17:04	1
tert-Butyl alcohol	ND		3.0	0.64	ug/m3			01/05/26 17:04	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			01/05/26 17:04	1
Vinyl acetate	ND		3.5	0.56	ug/m3			01/05/26 17:04	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.12	ppb v/v			01/05/26 17:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ppb v/v			01/05/26 17:04	1
1,1,2-Trichloroethane	ND		1.0	0.12	ppb v/v			01/05/26 17:04	1
1,1-Dichloroethane	ND		1.0	0.089	ppb v/v			01/05/26 17:04	1
1,1-Dichloroethene	ND		1.0	0.14	ppb v/v			01/05/26 17:04	1
1,2,4-Trichlorobenzene	ND		2.0	0.50	ppb v/v			01/05/26 17:04	1
1,2,4-Trimethylbenzene	ND		2.0	0.28	ppb v/v			01/05/26 17:04	1
1,2-Dibromoethane	ND		1.0	0.13	ppb v/v			01/05/26 17:04	1
1,2-Dichlorobenzene	ND		1.0	0.20	ppb v/v			01/05/26 17:04	1
1,2-Dichloroethane	ND		1.0	0.080	ppb v/v			01/05/26 17:04	1
1,2-Dichloropropane	ND		1.0	0.13	ppb v/v			01/05/26 17:04	1
1,3,5-Trimethylbenzene	ND		2.0	0.32	ppb v/v			01/05/26 17:04	1
1,3-Butadiene	ND		1.0	0.17	ppb v/v			01/05/26 17:04	1
1,3-Dichlorobenzene	ND		1.0	0.30	ppb v/v			01/05/26 17:04	1
1,4-Dichlorobenzene	ND		1.0	0.30	ppb v/v			01/05/26 17:04	1
2-Butanone	ND		1.0	0.21	ppb v/v			01/05/26 17:04	1
2-Hexanone	ND		2.0	0.50	ppb v/v			01/05/26 17:04	1
3-Chloroprene	ND		1.0	0.20	ppb v/v			01/05/26 17:04	1
4-Ethyltoluene	ND		1.0	0.18	ppb v/v			01/05/26 17:04	1
1,4-Dioxane	ND		1.0	0.17	ppb v/v			01/05/26 17:04	1
4-Methyl-2-pentanone	ND		1.0	0.15	ppb v/v			01/05/26 17:04	1
Acetone	ND		5.0	1.0	ppb v/v			01/05/26 17:04	1
2-Chlorotoluene	ND		1.0	0.22	ppb v/v			01/05/26 17:04	1
Benzene	ND		1.0	0.11	ppb v/v			01/05/26 17:04	1
Bromodichloromethane	ND		1.0	0.40	ppb v/v			01/05/26 17:04	1
Bromoform	ND		1.0	0.40	ppb v/v			01/05/26 17:04	1
Bromomethane	ND		1.0	0.20	ppb v/v			01/05/26 17:04	1
Carbon disulfide	ND		1.0	0.40	ppb v/v			01/05/26 17:04	1
Carbon tetrachloride	ND		1.0	0.14	ppb v/v			01/05/26 17:04	1
Chlorobenzene	ND		1.0	0.13	ppb v/v			01/05/26 17:04	1
Chloroethane	ND		1.0	0.30	ppb v/v			01/05/26 17:04	1
Chloroform	ND		1.0	0.092	ppb v/v			01/05/26 17:04	1
Benzyl chloride	ND		2.0	0.30	ppb v/v			01/05/26 17:04	1
Chloromethane	ND		1.0	0.40	ppb v/v			01/05/26 17:04	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			01/05/26 17:04	1
cis-1,3-Dichloropropene	ND		1.0	0.10	ppb v/v			01/05/26 17:04	1
Bromoethene	ND		1.0	0.18	ppb v/v			01/05/26 17:04	1
Dibromochloromethane	ND		1.0	0.40	ppb v/v			01/05/26 17:04	1
Dichlorodifluoromethane	ND		1.0	0.13	ppb v/v			01/05/26 17:04	1
Ethylbenzene	ND		1.0	0.19	ppb v/v			01/05/26 17:04	1
Freon 113	ND		1.0	0.20	ppb v/v			01/05/26 17:04	1
Freon-114	ND		1.0	0.12	ppb v/v			01/05/26 17:04	1
Heptane	ND		1.0	0.23	ppb v/v			01/05/26 17:04	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-752110/7
Matrix: Air
Analysis Batch: 752110

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		1.0	0.30	ppb v/v			01/05/26 17:04	1
Isooctane	ND		1.0	0.40	ppb v/v			01/05/26 17:04	1
m&p-Xylene	ND		1.0	0.26	ppb v/v			01/05/26 17:04	1
Cyclohexane	ND		1.0	0.20	ppb v/v			01/05/26 17:04	1
Methyl t-butyl ether	ND		1.0	0.15	ppb v/v			01/05/26 17:04	1
Methylene Chloride	ND		2.0	0.25	ppb v/v			01/05/26 17:04	1
o-Xylene	ND		1.0	0.19	ppb v/v			01/05/26 17:04	1
Styrene	ND		1.0	0.20	ppb v/v			01/05/26 17:04	1
Ethanol	ND		5.0	2.0	ppb v/v			01/05/26 17:04	1
Tetrachloroethene	ND		2.0	0.25	ppb v/v			01/05/26 17:04	1
Ethyl acetate	ND		2.0	0.25	ppb v/v			01/05/26 17:04	1
Toluene	ND		1.0	0.40	ppb v/v			01/05/26 17:04	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			01/05/26 17:04	1
trans-1,3-Dichloropropene	ND		1.0	0.12	ppb v/v			01/05/26 17:04	1
Trichloroethene	ND		1.0	0.18	ppb v/v			01/05/26 17:04	1
Trichlorofluoromethane	ND		1.0	0.15	ppb v/v			01/05/26 17:04	1
Vinyl chloride	ND		1.0	0.12	ppb v/v			01/05/26 17:04	1
Hexachlorobutadiene	ND		2.0	0.47	ppb v/v			01/05/26 17:04	1
Isopropanol	ND		1.0	0.60	ppb v/v			01/05/26 17:04	1
Methyl methacrylate	ND		1.0	0.15	ppb v/v			01/05/26 17:04	1
Propene	ND		1.0	0.30	ppb v/v			01/05/26 17:04	1
tert-Butyl alcohol	ND		1.0	0.21	ppb v/v			01/05/26 17:04	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			01/05/26 17:04	1
Vinyl acetate	ND		1.0	0.16	ppb v/v			01/05/26 17:04	1

Lab Sample ID: LCS 410-752110/4
Matrix: Air
Analysis Batch: 752110

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	42.8		ug/m3		78	70 - 130
1,1,2,2-Tetrachloroethane	68.7	58.1		ug/m3		85	61 - 130
1,1,2-Trichloroethane	54.6	50.9		ug/m3		93	70 - 130
1,1-Dichloroethane	40.5	36.0		ug/m3		89	70 - 130
1,1-Dichloroethene	39.6	40.5		ug/m3		102	70 - 131
1,2,4-Trichlorobenzene	74.2	53.9		ug/m3		73	52 - 143
1,2,4-Trimethylbenzene	49.2	42.1		ug/m3		86	65 - 146
1,2-Dibromoethane	76.8	66.9		ug/m3		87	70 - 130
1,2-Dichlorobenzene	60.1	53.2		ug/m3		88	61 - 139
1,2-Dichloroethane	40.5	38.4		ug/m3		95	70 - 131
1,2-Dichloropropane	46.2	43.6		ug/m3		94	70 - 130
1,3,5-Trimethylbenzene	49.2	40.7		ug/m3		83	69 - 141
1,3-Butadiene	22.1	18.8		ug/m3		85	70 - 131
1,3-Dichlorobenzene	60.1	51.9		ug/m3		86	64 - 140
1,4-Dichlorobenzene	60.1	51.5		ug/m3		86	64 - 137
2-Butanone	29.5	24.0		ug/m3		81	70 - 130
2-Hexanone	41.0	37.8		ug/m3		92	57 - 141
3-Chloroprene	31.3	29.9		ug/m3		96	70 - 137
4-Ethyltoluene	49.2	42.2		ug/m3		86	69 - 139

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-752110/4
Matrix: Air
Analysis Batch: 752110

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	36.0	34.2		ug/m3		95	70 - 130
4-Methyl-2-pentanone	41.0	34.6		ug/m3		85	68 - 133
Acetone	23.8	18.8		ug/m3		79	70 - 137
2-Chlorotoluene	51.8	43.4		ug/m3		84	70 - 130
Benzene	31.9	28.1		ug/m3		88	70 - 130
Bromodichloromethane	67.0	61.2		ug/m3		91	70 - 130
Bromoform	103	85.3		ug/m3		83	60 - 139
Bromomethane	38.8	35.4		ug/m3		91	70 - 140
Carbon disulfide	31.1	26.2		ug/m3		84	70 - 130
Carbon tetrachloride	62.9	49.2		ug/m3		78	70 - 130
Chlorobenzene	46.0	38.9		ug/m3		84	70 - 130
Chloroethane	26.4	21.9		ug/m3		83	70 - 131
Chloroform	48.8	44.1		ug/m3		90	70 - 130
Benzyl chloride	51.8	37.4		ug/m3		72	57 - 142
Chloromethane	20.7	16.9		ug/m3		82	64 - 138
cis-1,2-Dichloroethene	39.6	35.5		ug/m3		90	70 - 130
cis-1,3-Dichloropropene	45.4	39.6		ug/m3		87	70 - 130
Bromoethene	43.7	36.6		ug/m3		84	70 - 130
Dibromochloromethane	85.2	76.9		ug/m3		90	70 - 130
Dichlorodifluoromethane	49.5	40.6		ug/m3		82	70 - 131
Ethylbenzene	43.4	36.4		ug/m3		84	70 - 130
Freon 113	76.6	74.5		ug/m3		97	70 - 130
Freon-114	69.9	61.1		ug/m3		87	70 - 130
Heptane	41.0	36.1		ug/m3		88	70 - 130
Hexane	35.2	26.8		ug/m3		76	61 - 130
Isooctane	46.7	44.4		ug/m3		95	70 - 130
m&p-Xylene	43.4	37.9		ug/m3		87	70 - 130
Cyclohexane	34.4	28.9		ug/m3		84	61 - 130
Methyl t-butyl ether	36.1	29.2		ug/m3		81	70 - 130
Methylene Chloride	34.7	32.6		ug/m3		94	70 - 130
o-Xylene	43.4	34.2		ug/m3		79	70 - 130
Styrene	42.6	34.3		ug/m3		81	70 - 133
Ethanol	18.8	19.2		ug/m3		102	62 - 150
Tetrachloroethene	67.8	53.7		ug/m3		79	70 - 140
Ethyl acetate	36.0	28.1		ug/m3		78	70 - 130
Toluene	37.7	33.9		ug/m3		90	70 - 130
trans-1,2-Dichloroethene	39.6	33.5		ug/m3		84	70 - 130
trans-1,3-Dichloropropene	45.4	42.7		ug/m3		94	70 - 130
Trichloroethene	53.7	47.2		ug/m3		88	70 - 130
Trichlorofluoromethane	56.2	49.3		ug/m3		88	70 - 130
Vinyl chloride	25.6	24.1		ug/m3		94	70 - 135
Hexachlorobutadiene	107	77.8		ug/m3		73	40 - 157
Isopropanol	24.6	17.2		ug/m3		70	62 - 135
Methyl methacrylate	40.9	35.1		ug/m3		86	70 - 130
Propene	17.2	14.7		ug/m3		86	58 - 130
tert-Butyl alcohol	33.6	24.5		ug/m3		73	50 - 130
Tetrahydrofuran	29.5	26.5		ug/m3		90	54 - 143
Vinyl acetate	35.2	31.3		ug/m3		89	70 - 137

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	10	7.84		ppb v/v		78	70 - 130
1,1,2,2-Tetrachloroethane	10	8.47		ppb v/v		85	61 - 130
1,1,2-Trichloroethane	10	9.33		ppb v/v		93	70 - 130
1,1-Dichloroethane	10	8.89		ppb v/v		89	70 - 130
1,1-Dichloroethene	10	10.2		ppb v/v		102	70 - 131
1,2,4-Trichlorobenzene	10	7.26		ppb v/v		73	52 - 143
1,2,4-Trimethylbenzene	10	8.56		ppb v/v		86	65 - 146
1,2-Dibromoethane	10	8.70		ppb v/v		87	70 - 130
1,2-Dichlorobenzene	10	8.84		ppb v/v		88	61 - 139
1,2-Dichloroethane	10	9.48		ppb v/v		95	70 - 131
1,2-Dichloropropane	10	9.44		ppb v/v		94	70 - 130
1,3,5-Trimethylbenzene	10	8.28		ppb v/v		83	69 - 141
1,3-Butadiene	10	8.48		ppb v/v		85	70 - 131
1,3-Dichlorobenzene	10	8.63		ppb v/v		86	64 - 140
1,4-Dichlorobenzene	10	8.56		ppb v/v		86	64 - 137
2-Butanone	10	8.14		ppb v/v		81	70 - 130
2-Hexanone	10	9.21		ppb v/v		92	57 - 141
3-Chloroprene	10	9.57		ppb v/v		96	70 - 137
4-Ethyltoluene	10	8.58		ppb v/v		86	69 - 139
1,4-Dioxane	10	9.49		ppb v/v		95	70 - 130
4-Methyl-2-pentanone	10	8.45		ppb v/v		85	68 - 133
Acetone	10	7.92		ppb v/v		79	70 - 137
2-Chlorotoluene	10	8.38		ppb v/v		84	70 - 130
Benzene	10	8.79		ppb v/v		88	70 - 130
Bromodichloromethane	10	9.14		ppb v/v		91	70 - 130
Bromoform	10	8.25		ppb v/v		83	60 - 139
Bromomethane	10	9.11		ppb v/v		91	70 - 140
Carbon disulfide	10	8.40		ppb v/v		84	70 - 130
Carbon tetrachloride	10	7.82		ppb v/v		78	70 - 130
Chlorobenzene	10	8.44		ppb v/v		84	70 - 130
Chloroethane	10	8.29		ppb v/v		83	70 - 131
Chloroform	10	9.02		ppb v/v		90	70 - 130
Benzyl chloride	10	7.23		ppb v/v		72	57 - 142
Chloromethane	10	8.17		ppb v/v		82	64 - 138
cis-1,2-Dichloroethene	10	8.95		ppb v/v		90	70 - 130
cis-1,3-Dichloropropene	10	8.72		ppb v/v		87	70 - 130
Bromoethene	10	8.37		ppb v/v		84	70 - 130
Dibromochloromethane	10	9.02		ppb v/v		90	70 - 130
Dichlorodifluoromethane	10	8.21		ppb v/v		82	70 - 131
Ethylbenzene	10	8.39		ppb v/v		84	70 - 130
Freon 113	10	9.72		ppb v/v		97	70 - 130
Freon-114	10	8.75		ppb v/v		87	70 - 130
Heptane	10	8.81		ppb v/v		88	70 - 130
Hexane	10	7.61		ppb v/v		76	61 - 130
Isooctane	10	9.51		ppb v/v		95	70 - 130
m&p-Xylene	10	8.73		ppb v/v		87	70 - 130
Cyclohexane	10	8.39		ppb v/v		84	61 - 130
Methyl t-butyl ether	10	8.10		ppb v/v		81	70 - 130
Methylene Chloride	10	9.38		ppb v/v		94	70 - 130
o-Xylene	10	7.88		ppb v/v		79	70 - 130
Styrene	10	8.05		ppb v/v		81	70 - 133
Ethanol	10	10.2		ppb v/v		102	62 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-752110/4
Matrix: Air
Analysis Batch: 752110

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	10	7.91		ppb v/v		79	70 - 140
Ethyl acetate	10	7.80		ppb v/v		78	70 - 130
Toluene	10	8.98		ppb v/v		90	70 - 130
trans-1,2-Dichloroethene	10	8.44		ppb v/v		84	70 - 130
trans-1,3-Dichloropropene	10	9.42		ppb v/v		94	70 - 130
Trichloroethene	10	8.78		ppb v/v		88	70 - 130
Trichlorofluoromethane	10	8.78		ppb v/v		88	70 - 130
Vinyl chloride	10	9.44		ppb v/v		94	70 - 135
Hexachlorobutadiene	10	7.29		ppb v/v		73	40 - 157
Isopropanol	10	7.01		ppb v/v		70	62 - 135
Methyl methacrylate	10	8.57		ppb v/v		86	70 - 130
Propene	10	8.56		ppb v/v		86	58 - 130
tert-Butyl alcohol	11	8.07		ppb v/v		73	50 - 130
Tetrahydrofuran	10	8.97		ppb v/v		90	54 - 143
Vinyl acetate	10	8.90		ppb v/v		89	70 - 137

Lab Sample ID: MB 410-752633/7
Matrix: Air
Analysis Batch: 752633

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.65	ug/m3			01/07/26 19:27	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.0	ug/m3			01/07/26 19:27	1
1,1,2-Trichloroethane	ND		5.5	0.65	ug/m3			01/07/26 19:27	1
1,1-Dichloroethane	ND		4.0	0.36	ug/m3			01/07/26 19:27	1
1,1-Dichloroethene	ND		4.0	0.56	ug/m3			01/07/26 19:27	1
1,2,4-Trichlorobenzene	ND		15	3.7	ug/m3			01/07/26 19:27	1
1,2,4-Trimethylbenzene	ND		9.8	1.4	ug/m3			01/07/26 19:27	1
1,2-Dibromoethane	ND		7.7	1.0	ug/m3			01/07/26 19:27	1
1,2-Dichlorobenzene	ND		6.0	1.2	ug/m3			01/07/26 19:27	1
1,2-Dichloroethane	ND		4.0	0.32	ug/m3			01/07/26 19:27	1
1,2-Dichloropropane	ND		4.6	0.60	ug/m3			01/07/26 19:27	1
1,3,5-Trimethylbenzene	ND		9.8	1.6	ug/m3			01/07/26 19:27	1
1,3-Butadiene	ND		2.2	0.38	ug/m3			01/07/26 19:27	1
1,3-Dichlorobenzene	ND		6.0	1.8	ug/m3			01/07/26 19:27	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/m3			01/07/26 19:27	1
2-Butanone	ND		2.9	0.62	ug/m3			01/07/26 19:27	1
2-Hexanone	ND		8.2	2.0	ug/m3			01/07/26 19:27	1
3-Chloroprene	ND		3.1	0.63	ug/m3			01/07/26 19:27	1
4-Ethyltoluene	ND		4.9	0.88	ug/m3			01/07/26 19:27	1
1,4-Dioxane	ND		3.6	0.61	ug/m3			01/07/26 19:27	1
4-Methyl-2-pentanone	ND		4.1	0.61	ug/m3			01/07/26 19:27	1
Acetone	ND		12	2.4	ug/m3			01/07/26 19:27	1
2-Chlorotoluene	ND		5.2	1.1	ug/m3			01/07/26 19:27	1
Benzene	ND		3.2	0.35	ug/m3			01/07/26 19:27	1
Bromodichloromethane	ND		6.7	2.7	ug/m3			01/07/26 19:27	1
Bromoform	ND		10	4.1	ug/m3			01/07/26 19:27	1
Bromomethane	ND		3.9	0.78	ug/m3			01/07/26 19:27	1
Carbon disulfide	ND		3.1	1.2	ug/m3			01/07/26 19:27	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-752633/7
Matrix: Air
Analysis Batch: 752633

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		6.3	0.88	ug/m3			01/07/26 19:27	1
Chlorobenzene	ND		4.6	0.60	ug/m3			01/07/26 19:27	1
Chloroethane	ND		2.6	0.79	ug/m3			01/07/26 19:27	1
Chloroform	ND		4.9	0.45	ug/m3			01/07/26 19:27	1
Benzyl chloride	ND		10	1.6	ug/m3			01/07/26 19:27	1
Chloromethane	ND		2.1	0.83	ug/m3			01/07/26 19:27	1
cis-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			01/07/26 19:27	1
cis-1,3-Dichloropropene	ND		4.5	0.45	ug/m3			01/07/26 19:27	1
Bromoethene	ND		4.4	0.79	ug/m3			01/07/26 19:27	1
Dibromochloromethane	ND		8.5	3.4	ug/m3			01/07/26 19:27	1
Dichlorodifluoromethane	ND		4.9	0.64	ug/m3			01/07/26 19:27	1
Ethylbenzene	ND		4.3	0.83	ug/m3			01/07/26 19:27	1
Freon 113	ND		7.7	1.5	ug/m3			01/07/26 19:27	1
Freon-114	ND		7.0	0.84	ug/m3			01/07/26 19:27	1
Heptane	ND		4.1	0.94	ug/m3			01/07/26 19:27	1
Hexane	ND		3.5	1.1	ug/m3			01/07/26 19:27	1
Isooctane	ND		4.7	1.9	ug/m3			01/07/26 19:27	1
m&p-Xylene	ND		4.3	1.1	ug/m3			01/07/26 19:27	1
Cyclohexane	ND		3.4	0.69	ug/m3			01/07/26 19:27	1
Methyl t-butyl ether	ND		3.6	0.54	ug/m3			01/07/26 19:27	1
Methylene Chloride	ND		6.9	0.87	ug/m3			01/07/26 19:27	1
o-Xylene	ND		4.3	0.83	ug/m3			01/07/26 19:27	1
Styrene	ND		4.3	0.85	ug/m3			01/07/26 19:27	1
Ethanol	ND		9.4	3.8	ug/m3			01/07/26 19:27	1
Tetrachloroethene	ND		14	1.7	ug/m3			01/07/26 19:27	1
Ethyl acetate	ND		7.2	0.90	ug/m3			01/07/26 19:27	1
Toluene	ND		3.8	1.5	ug/m3			01/07/26 19:27	1
trans-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			01/07/26 19:27	1
trans-1,3-Dichloropropene	ND		4.5	0.54	ug/m3			01/07/26 19:27	1
Trichloroethene	ND		5.4	0.97	ug/m3			01/07/26 19:27	1
Trichlorofluoromethane	ND		5.6	0.84	ug/m3			01/07/26 19:27	1
Vinyl chloride	ND		2.6	0.31	ug/m3			01/07/26 19:27	1
Hexachlorobutadiene	ND		21	5.0	ug/m3			01/07/26 19:27	1
Isopropanol	ND		2.5	1.5	ug/m3			01/07/26 19:27	1
Methyl methacrylate	ND		4.1	0.61	ug/m3			01/07/26 19:27	1
Propene	ND		1.7	0.52	ug/m3			01/07/26 19:27	1
tert-Butyl alcohol	ND		3.0	0.64	ug/m3			01/07/26 19:27	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			01/07/26 19:27	1
Vinyl acetate	ND		3.5	0.56	ug/m3			01/07/26 19:27	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.12	ppb v/v			01/07/26 19:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ppb v/v			01/07/26 19:27	1
1,1,2-Trichloroethane	ND		1.0	0.12	ppb v/v			01/07/26 19:27	1
1,1-Dichloroethane	ND		1.0	0.089	ppb v/v			01/07/26 19:27	1
1,1-Dichloroethene	ND		1.0	0.14	ppb v/v			01/07/26 19:27	1
1,2,4-Trichlorobenzene	ND		2.0	0.50	ppb v/v			01/07/26 19:27	1
1,2,4-Trimethylbenzene	ND		2.0	0.28	ppb v/v			01/07/26 19:27	1
1,2-Dibromoethane	ND		1.0	0.13	ppb v/v			01/07/26 19:27	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-752633/7
Matrix: Air
Analysis Batch: 752633

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0	0.20	ppb v/v			01/07/26 19:27	1
1,2-Dichloroethane	ND		1.0	0.080	ppb v/v			01/07/26 19:27	1
1,2-Dichloropropane	ND		1.0	0.13	ppb v/v			01/07/26 19:27	1
1,3,5-Trimethylbenzene	ND		2.0	0.32	ppb v/v			01/07/26 19:27	1
1,3-Butadiene	ND		1.0	0.17	ppb v/v			01/07/26 19:27	1
1,3-Dichlorobenzene	ND		1.0	0.30	ppb v/v			01/07/26 19:27	1
1,4-Dichlorobenzene	ND		1.0	0.30	ppb v/v			01/07/26 19:27	1
2-Butanone	ND		1.0	0.21	ppb v/v			01/07/26 19:27	1
2-Hexanone	ND		2.0	0.50	ppb v/v			01/07/26 19:27	1
3-Chloroprene	ND		1.0	0.20	ppb v/v			01/07/26 19:27	1
4-Ethyltoluene	ND		1.0	0.18	ppb v/v			01/07/26 19:27	1
1,4-Dioxane	ND		1.0	0.17	ppb v/v			01/07/26 19:27	1
4-Methyl-2-pentanone	ND		1.0	0.15	ppb v/v			01/07/26 19:27	1
Acetone	ND		5.0	1.0	ppb v/v			01/07/26 19:27	1
2-Chlorotoluene	ND		1.0	0.22	ppb v/v			01/07/26 19:27	1
Benzene	ND		1.0	0.11	ppb v/v			01/07/26 19:27	1
Bromodichloromethane	ND		1.0	0.40	ppb v/v			01/07/26 19:27	1
Bromoform	ND		1.0	0.40	ppb v/v			01/07/26 19:27	1
Bromomethane	ND		1.0	0.20	ppb v/v			01/07/26 19:27	1
Carbon disulfide	ND		1.0	0.40	ppb v/v			01/07/26 19:27	1
Carbon tetrachloride	ND		1.0	0.14	ppb v/v			01/07/26 19:27	1
Chlorobenzene	ND		1.0	0.13	ppb v/v			01/07/26 19:27	1
Chloroethane	ND		1.0	0.30	ppb v/v			01/07/26 19:27	1
Chloroform	ND		1.0	0.092	ppb v/v			01/07/26 19:27	1
Benzyl chloride	ND		2.0	0.30	ppb v/v			01/07/26 19:27	1
Chloromethane	ND		1.0	0.40	ppb v/v			01/07/26 19:27	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			01/07/26 19:27	1
cis-1,3-Dichloropropene	ND		1.0	0.10	ppb v/v			01/07/26 19:27	1
Bromoethene	ND		1.0	0.18	ppb v/v			01/07/26 19:27	1
Dibromochloromethane	ND		1.0	0.40	ppb v/v			01/07/26 19:27	1
Dichlorodifluoromethane	ND		1.0	0.13	ppb v/v			01/07/26 19:27	1
Ethylbenzene	ND		1.0	0.19	ppb v/v			01/07/26 19:27	1
Freon 113	ND		1.0	0.20	ppb v/v			01/07/26 19:27	1
Freon-114	ND		1.0	0.12	ppb v/v			01/07/26 19:27	1
Heptane	ND		1.0	0.23	ppb v/v			01/07/26 19:27	1
Hexane	ND		1.0	0.30	ppb v/v			01/07/26 19:27	1
Isooctane	ND		1.0	0.40	ppb v/v			01/07/26 19:27	1
m&p-Xylene	ND		1.0	0.26	ppb v/v			01/07/26 19:27	1
Cyclohexane	ND		1.0	0.20	ppb v/v			01/07/26 19:27	1
Methyl t-butyl ether	ND		1.0	0.15	ppb v/v			01/07/26 19:27	1
Methylene Chloride	ND		2.0	0.25	ppb v/v			01/07/26 19:27	1
o-Xylene	ND		1.0	0.19	ppb v/v			01/07/26 19:27	1
Styrene	ND		1.0	0.20	ppb v/v			01/07/26 19:27	1
Ethanol	ND		5.0	2.0	ppb v/v			01/07/26 19:27	1
Tetrachloroethene	ND		2.0	0.25	ppb v/v			01/07/26 19:27	1
Ethyl acetate	ND		2.0	0.25	ppb v/v			01/07/26 19:27	1
Toluene	ND		1.0	0.40	ppb v/v			01/07/26 19:27	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			01/07/26 19:27	1
trans-1,3-Dichloropropene	ND		1.0	0.12	ppb v/v			01/07/26 19:27	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-752633/7
Matrix: Air
Analysis Batch: 752633

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.18	ppb v/v			01/07/26 19:27	1
Trichlorofluoromethane	ND		1.0	0.15	ppb v/v			01/07/26 19:27	1
Vinyl chloride	ND		1.0	0.12	ppb v/v			01/07/26 19:27	1
Hexachlorobutadiene	ND		2.0	0.47	ppb v/v			01/07/26 19:27	1
Isopropanol	ND		1.0	0.60	ppb v/v			01/07/26 19:27	1
Methyl methacrylate	ND		1.0	0.15	ppb v/v			01/07/26 19:27	1
Propene	ND		1.0	0.30	ppb v/v			01/07/26 19:27	1
tert-Butyl alcohol	ND		1.0	0.21	ppb v/v			01/07/26 19:27	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			01/07/26 19:27	1
Vinyl acetate	ND		1.0	0.16	ppb v/v			01/07/26 19:27	1

Lab Sample ID: LCS 410-752633/4
Matrix: Air
Analysis Batch: 752633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	60.4		ug/m3		111	70 - 130
1,1,2,2-Tetrachloroethane	68.7	65.9		ug/m3		96	61 - 130
1,1,2-Trichloroethane	54.6	51.0		ug/m3		94	70 - 130
1,1-Dichloroethane	40.5	41.3		ug/m3		102	70 - 130
1,1-Dichloroethene	39.6	44.2		ug/m3		112	70 - 131
1,2,4-Trichlorobenzene	74.2	71.2		ug/m3		96	52 - 143
1,2,4-Trimethylbenzene	49.2	42.5		ug/m3		86	65 - 146
1,2-Dibromoethane	76.8	70.2		ug/m3		91	70 - 130
1,2-Dichlorobenzene	60.1	56.6		ug/m3		94	61 - 139
1,2-Dichloroethane	40.5	42.2		ug/m3		104	70 - 131
1,2-Dichloropropane	46.2	42.9		ug/m3		93	70 - 130
1,3,5-Trimethylbenzene	49.2	45.6		ug/m3		93	69 - 141
1,3-Butadiene	22.1	22.0		ug/m3		100	70 - 131
1,3-Dichlorobenzene	60.1	56.6		ug/m3		94	64 - 140
1,4-Dichlorobenzene	60.1	57.2		ug/m3		95	64 - 137
2-Butanone	29.5	29.9		ug/m3		101	70 - 130
2-Hexanone	41.0	43.6		ug/m3		106	57 - 141
3-Chloroprene	31.3	31.3		ug/m3		100	70 - 137
4-Ethyltoluene	49.2	46.9		ug/m3		95	69 - 139
1,4-Dioxane	36.0	35.2		ug/m3		98	70 - 130
4-Methyl-2-pentanone	41.0	40.8		ug/m3		100	68 - 133
Acetone	23.8	21.1		ug/m3		89	70 - 137
2-Chlorotoluene	51.8	47.6		ug/m3		92	70 - 130
Benzene	31.9	31.9		ug/m3		100	70 - 130
Bromodichloromethane	67.0	69.7		ug/m3		104	70 - 130
Bromoform	103	103		ug/m3		99	60 - 139
Bromomethane	38.8	42.6		ug/m3		110	70 - 140
Carbon disulfide	31.1	28.8		ug/m3		93	70 - 130
Carbon tetrachloride	62.9	80.0		ug/m3		127	70 - 130
Chlorobenzene	46.0	41.7		ug/m3		91	70 - 130
Chloroethane	26.4	26.8		ug/m3		102	70 - 131
Chloroform	48.8	49.5		ug/m3		101	70 - 130
Benzyl chloride	51.8	52.6		ug/m3		102	57 - 142

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-752633/4
Matrix: Air
Analysis Batch: 752633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	20.7	20.0		ug/m3		97	64 - 138
cis-1,2-Dichloroethene	39.6	37.3		ug/m3		94	70 - 130
cis-1,3-Dichloropropene	45.4	44.0		ug/m3		97	70 - 130
Bromoethene	43.7	43.7		ug/m3		100	70 - 130
Dibromochloromethane	85.2	84.2		ug/m3		99	70 - 130
Dichlorodifluoromethane	49.5	53.7		ug/m3		109	70 - 131
Ethylbenzene	43.4	38.3		ug/m3		88	70 - 130
Freon 113	76.6	83.5		ug/m3		109	70 - 130
Freon-114	69.9	80.9		ug/m3		116	70 - 130
Heptane	41.0	40.0		ug/m3		98	70 - 130
Hexane	35.2	32.2		ug/m3		91	61 - 130
Isooctane	46.7	46.2		ug/m3		99	70 - 130
m&p-Xylene	43.4	39.8		ug/m3		92	70 - 130
Cyclohexane	34.4	31.2		ug/m3		91	61 - 130
Methyl t-butyl ether	36.1	34.8		ug/m3		96	70 - 130
Methylene Chloride	34.7	35.5		ug/m3		102	70 - 130
o-Xylene	43.4	37.7		ug/m3		87	70 - 130
Styrene	42.6	35.0		ug/m3		82	70 - 133
Ethanol	18.8	26.4		ug/m3		140	62 - 150
Tetrachloroethene	67.8	58.2		ug/m3		86	70 - 140
Ethyl acetate	36.0	31.9		ug/m3		88	70 - 130
Toluene	37.7	32.5		ug/m3		86	70 - 130
trans-1,2-Dichloroethene	39.6	36.6		ug/m3		92	70 - 130
trans-1,3-Dichloropropene	45.4	47.9		ug/m3		105	70 - 130
Trichloroethene	53.7	52.9		ug/m3		99	70 - 130
Trichlorofluoromethane	56.2	58.7		ug/m3		104	70 - 130
Vinyl chloride	25.6	28.3		ug/m3		111	70 - 135
Hexachlorobutadiene	107	120		ug/m3		112	40 - 157
Isopropanol	24.6	25.0		ug/m3		102	62 - 135
Methyl methacrylate	40.9	38.2		ug/m3		93	70 - 130
Propene	17.2	18.7		ug/m3		109	58 - 130
tert-Butyl alcohol	33.6	40.8		ug/m3		121	50 - 130
Tetrahydrofuran	29.5	28.1		ug/m3		95	54 - 143
Vinyl acetate	35.2	37.8		ug/m3		107	70 - 137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	10	11.1		ppb v/v		111	70 - 130
1,1,2,2-Tetrachloroethane	10	9.59		ppb v/v		96	61 - 130
1,1,2-Trichloroethane	10	9.35		ppb v/v		94	70 - 130
1,1-Dichloroethane	10	10.2		ppb v/v		102	70 - 130
1,1-Dichloroethene	10	11.2		ppb v/v		112	70 - 131
1,2,4-Trichlorobenzene	10	9.59		ppb v/v		96	52 - 143
1,2,4-Trimethylbenzene	10	8.65		ppb v/v		86	65 - 146
1,2-Dibromoethane	10	9.14		ppb v/v		91	70 - 130
1,2-Dichlorobenzene	10	9.42		ppb v/v		94	61 - 139
1,2-Dichloroethane	10	10.4		ppb v/v		104	70 - 131
1,2-Dichloropropane	10	9.28		ppb v/v		93	70 - 130
1,3,5-Trimethylbenzene	10	9.27		ppb v/v		93	69 - 141
1,3-Butadiene	10	9.96		ppb v/v		100	70 - 131

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-752633/4
Matrix: Air
Analysis Batch: 752633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	10	9.41		ppb v/v		94	64 - 140
1,4-Dichlorobenzene	10	9.52		ppb v/v		95	64 - 137
2-Butanone	10	10.1		ppb v/v		101	70 - 130
2-Hexanone	10	10.6		ppb v/v		106	57 - 141
3-Chloroprene	10	10.0		ppb v/v		100	70 - 137
4-Ethyltoluene	10	9.53		ppb v/v		95	69 - 139
1,4-Dioxane	10	9.77		ppb v/v		98	70 - 130
4-Methyl-2-pentanone	10	9.97		ppb v/v		100	68 - 133
Acetone	10	8.89		ppb v/v		89	70 - 137
2-Chlorotoluene	10	9.20		ppb v/v		92	70 - 130
Benzene	10	9.99		ppb v/v		100	70 - 130
Bromodichloromethane	10	10.4		ppb v/v		104	70 - 130
Bromoform	10	9.93		ppb v/v		99	60 - 139
Bromomethane	10	11.0		ppb v/v		110	70 - 140
Carbon disulfide	10	9.25		ppb v/v		93	70 - 130
Carbon tetrachloride	10	12.7		ppb v/v		127	70 - 130
Chlorobenzene	10	9.06		ppb v/v		91	70 - 130
Chloroethane	10	10.2		ppb v/v		102	70 - 131
Chloroform	10	10.1		ppb v/v		101	70 - 130
Benzyl chloride	10	10.2		ppb v/v		102	57 - 142
Chloromethane	10	9.70		ppb v/v		97	64 - 138
cis-1,2-Dichloroethene	10	9.41		ppb v/v		94	70 - 130
cis-1,3-Dichloropropene	10	9.70		ppb v/v		97	70 - 130
Bromoethene	10	9.98		ppb v/v		100	70 - 130
Dibromochloromethane	10	9.88		ppb v/v		99	70 - 130
Dichlorodifluoromethane	10	10.9		ppb v/v		109	70 - 131
Ethylbenzene	10	8.82		ppb v/v		88	70 - 130
Freon 113	10	10.9		ppb v/v		109	70 - 130
Freon-114	10	11.6		ppb v/v		116	70 - 130
Heptane	10	9.76		ppb v/v		98	70 - 130
Hexane	10	9.13		ppb v/v		91	61 - 130
Isooctane	10	9.90		ppb v/v		99	70 - 130
m&p-Xylene	10	9.17		ppb v/v		92	70 - 130
Cyclohexane	10	9.05		ppb v/v		91	61 - 130
Methyl t-butyl ether	10	9.65		ppb v/v		96	70 - 130
Methylene Chloride	10	10.2		ppb v/v		102	70 - 130
o-Xylene	10	8.68		ppb v/v		87	70 - 130
Styrene	10	8.22		ppb v/v		82	70 - 133
Ethanol	10	14.0		ppb v/v		140	62 - 150
Tetrachloroethene	10	8.58		ppb v/v		86	70 - 140
Ethyl acetate	10	8.84		ppb v/v		88	70 - 130
Toluene	10	8.62		ppb v/v		86	70 - 130
trans-1,2-Dichloroethene	10	9.24		ppb v/v		92	70 - 130
trans-1,3-Dichloropropene	10	10.5		ppb v/v		105	70 - 130
Trichloroethene	10	9.85		ppb v/v		99	70 - 130
Trichlorofluoromethane	10	10.4		ppb v/v		104	70 - 130
Vinyl chloride	10	11.1		ppb v/v		111	70 - 135
Hexachlorobutadiene	10	11.2		ppb v/v		112	40 - 157
Isopropanol	10	10.2		ppb v/v		102	62 - 135

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-752633/4
Matrix: Air
Analysis Batch: 752633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl methacrylate	10	9.33		ppb v/v		93	70 - 130
Propene	10	10.9		ppb v/v		109	58 - 130
tert-Butyl alcohol	11	13.5		ppb v/v		121	50 - 130
Tetrahydrofuran	10	9.53		ppb v/v		95	54 - 143
Vinyl acetate	10	10.7		ppb v/v		107	70 - 137

Method: EPA-18 - Volatile Organic Compounds

Lab Sample ID: MB 410-746940/3
Matrix: Air
Analysis Batch: 746940

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		3.3	0.59	mg/m3			12/19/25 14:23	1
C1-C10 as methane	ND		6.6	3.3	mg/m3			12/19/25 14:23	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		5.0	0.90	ppm v/v			12/19/25 14:23	1
C1-C10 as methane	ND		10	5.0	ppm v/v			12/19/25 14:23	1

QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-258483-1
Project/Site: EMGPRP-31097

Air - GC/MS VOA

Analysis Batch: 751761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-258483-1	Flame Ox Effluent	Total/NA	Air	TO-15	
410-258483-3	LICC Air	Total/NA	Air	TO-15	
410-258483-4	ORS AS Influent	Total/NA	Air	TO-15	
MB 410-751761/7	Method Blank	Total/NA	Air	TO-15	
LCS 410-751761/4	Lab Control Sample	Total/NA	Air	TO-15	
410-258483-3 DU	LICC Air	Total/NA	Air	TO-15	

Analysis Batch: 752110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-258483-2	SVE Combined Influent	Total/NA	Air	TO-15	
410-258483-5	SVE Influent	Total/NA	Air	TO-15	
MB 410-752110/7	Method Blank	Total/NA	Air	TO-15	
LCS 410-752110/4	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 752633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-258483-1 - RA	Flame Ox Effluent	Total/NA	Air	TO-15	
410-258483-3 - RA	LICC Air	Total/NA	Air	TO-15	
410-258483-4 - RA	ORS AS Influent	Total/NA	Air	TO-15	
MB 410-752633/7	Method Blank	Total/NA	Air	TO-15	
LCS 410-752633/4	Lab Control Sample	Total/NA	Air	TO-15	

Air - GC VOA

Analysis Batch: 746940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-258483-1	Flame Ox Effluent	Total/NA	Air	EPA-18	
410-258483-2	SVE Combined Influent	Total/NA	Air	EPA-18	
410-258483-3	LICC Air	Total/NA	Air	EPA-18	
410-258483-4	ORS AS Influent	Total/NA	Air	EPA-18	
410-258483-5	SVE Influent	Total/NA	Air	EPA-18	
MB 410-746940/3	Method Blank	Total/NA	Air	EPA-18	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-258483-1

Client Sample ID: Flame Ox Effluent

Lab Sample ID: 410-258483-1

Date Collected: 12/12/25 09:55
Matrix: Air
Date Received: 12/18/25 22:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		10	751761	JXC9	ELLE	01/03/26 17:25
Total/NA	Analysis	TO-15	RA	10	752633	JXC9	ELLE	01/08/26 06:20
Total/NA	Analysis	EPA-18		10	746940	L2TN	ELLE	12/20/25 09:35

Client Sample ID: SVE Combined Influent

Lab Sample ID: 410-258483-2

Date Collected: 12/12/25 12:07
Matrix: Air
Date Received: 12/18/25 22:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1000	752110	JXC9	ELLE	01/06/26 06:29
Total/NA	Analysis	EPA-18		200	746940	L2TN	ELLE	12/20/25 10:03

Client Sample ID: LICC Air

Lab Sample ID: 410-258483-3

Date Collected: 12/12/25 10:05
Matrix: Air
Date Received: 12/18/25 22:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	751761	JXC9	ELLE	01/03/26 16:36
Total/NA	Analysis	TO-15	RA	1	752633	JXC9	ELLE	01/08/26 06:51
Total/NA	Analysis	EPA-18		2	746940	L2TN	ELLE	12/20/25 10:32

Client Sample ID: ORS AS Influent

Lab Sample ID: 410-258483-4

Date Collected: 12/12/25 12:12
Matrix: Air
Date Received: 12/18/25 22:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		10	751761	JXC9	ELLE	01/03/26 17:47
Total/NA	Analysis	TO-15	RA	10	752633	JXC9	ELLE	01/08/26 03:54
Total/NA	Analysis	EPA-18		2	746940	L2TN	ELLE	12/20/25 11:01

Client Sample ID: SVE Influent

Lab Sample ID: 410-258483-5

Date Collected: 12/12/25 12:10
Matrix: Air
Date Received: 12/18/25 22:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1000	752110	JXC9	ELLE	01/05/26 22:38
Total/NA	Analysis	EPA-18		50	746940	L2TN	ELLE	12/20/25 12:32

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-258483-1
Project/Site: EMGPRP-31097

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
EPA-18		Air	C1-C10 as methane
EPA-18		Air	Methane
TO-15		Air	2-Hexanone
TO-15		Air	4-Ethyltoluene
TO-15		Air	Ethanol
TO-15		Air	Ethyl acetate
TO-15		Air	Propene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-258483-1
Project/Site: EMGPRP-31097

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	ELLE
EPA-18	Volatile Organic Compounds	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Summa Canister Field Test Data

410-258483 Chain of Custody

eurofins | Lancaster Laboratories Environmental

For Eurofins Lancaster Laboratories Environmental use only: Acct. # _____ Group # _____ Sample # _____ Bottle Order (SCR) # _____

Client Information

Client Information: Roux Environmental Engineering and Geology, D.P.C. Account #

Project Name/#: EMGPRP-31097 — Eurofins - EMES Agreement #: A2604415

Project Manager: Jacqueline Carames — P.O. #: WAL#5199

Sampler: Darnell King — Quote #

Name of state where samples were collected: NY

Turnaround Time Requested (TAT) (circle one)

(Standard) Rush (specify) _____

Data Package Required? Yes (No)

EDD Required? (Yes) No

	Temperature (F)		Pressure ("Hg)	
	Start	Stop	Start	Stop
Ambient				
Maximum				
Minimum				

Sample Identification	Start Date/Time (24-hour clock)	Stop Date/Time (24-hour clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Flow Reg. ID	Can ID	Can Size (L)	Controller Flowrate (mL/min)	EPA TO - 15	EPA 18/EPA 25 (TPH and Methane)	EPA 18/EPA 25 (Full List)	Helium as tracer	O2/CO2	Library Search	
Flame Ox Effluent	12/12/25 9:55	N/A	-30	0			Grab	1932	6		X	X					
SVE Combined Influent	12/12/25 12:07	N/A	-30	0			Grab	4225	6		X	X					
LICC Air	12/18/25 10:05	N/A	-30	0			Grab	840	6		X	X					
ORS AS Influent	12/12/25 12:12	N/A	-30	0			Grab	532	6		X	X					
SVE Influent	12/12/25 12:10	N/A	-30	0			Grab	5022	6		X	X					

Instructions/QC Requirements & Comments

EPA 25 (check one)

- ☐ C1 - C4
- ☐ C2 - C10
- ☒ C1 - C10
- ☐ C4 - C10 (GRO)
- ☐ C2 - C4

Relinquished by:	Date/Time:	Canisters Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
					12/18/25 1350		12/18/25 1350
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
					12/18/25 2206		
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
							12/18/25 2206

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The white copy should accompany samples to Eurofins Lancaster Laboratories Environmental. The yellow copy should be retained by the client.

Received unchilled

7056 1015

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 410-258483-1

Login Number: 258483

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Renner, Melissa

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	N/A	
Cooler Temperature is recorded.	N/A	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Definitions/Glossary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-258483-1
Project/Site: EMGPRP-31097

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Summa Canister Dilution Worksheet

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job No.: 410-258483-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
410-258483-1	6	0.39	1.01	6.08	14.99	2.02	12.12		1.99	1.99		12/20/25 10:00	L2TN
410-258483-2	6	1.31	1.04	6.26	15.90	2.08	12.49		1.99	1.99		12/20/25 10:00	L2TN
410-258483-3	6	1.19	1.04	6.24	15.87	2.08	12.48		2.00	2.00		12/20/25 10:01	L2TN
410-258483-4	6	3.91	1.13	6.78	18.47	2.26	13.54		2.00	2.00		12/20/25 10:01	L2TN
410-258483-5	6	-8.10	0.73	4.38	6.60	1.45	8.69		1.99	1.99		12/20/25 10:01	L2TN

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 5032 Lab Sample ID: 410-255181-1

Matrix: Air Lab File ID: 5N29X17.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 17:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 5032 Lab Sample ID: 410-255181-1

Matrix: Air Lab File ID: 5N29X17.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 17:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 5032 Lab Sample ID: 410-255181-1

Matrix: Air Lab File ID: 5N29X17.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 17:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\5N29X17.D				
Lims ID:	410-255181-A-1				
Client ID:	5032				
Sample Type:	Client				
Inject. Date:	29-Nov-2025 17:17:36	ALS Bottle#:	1	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc5032				
Misc. Info.:	410-0168301-018				
Operator ID:	cv118168	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	01-Dec-2025 11:04:21	Calib Date:	12-Nov-2025 16:40:06		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20251112-166443.b\5N12X18.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1710				
First Level Reviewer: D7UM		Date:	01-Dec-2025 10:51:41		

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	18 Acetone	43	3.794	3.787	0.007	99	15578	0.5816	
	20 Carbon disulfide	76	4.009	4.009	0.000	98	6011	0.1050	
	36 2-Butanone (MEK)	43	6.065	6.058	0.007	94	7120	0.1888	
*	39 Chlorobromomethane (IS)	130	6.301	6.294	0.007	85	102871	10.0	
*	51 1,4-Difluorobenzene	114	7.268	7.268	0.000	93	505493	10.0	
	63 Toluene	91	8.522	8.522	0.000	98	6985	0.0695	
*	72 Chlorobenzene-d5 (IS)	117	9.603	9.603	0.000	83	536413	10.0	

QC Flag Legend

Processing Flags

Reagents:

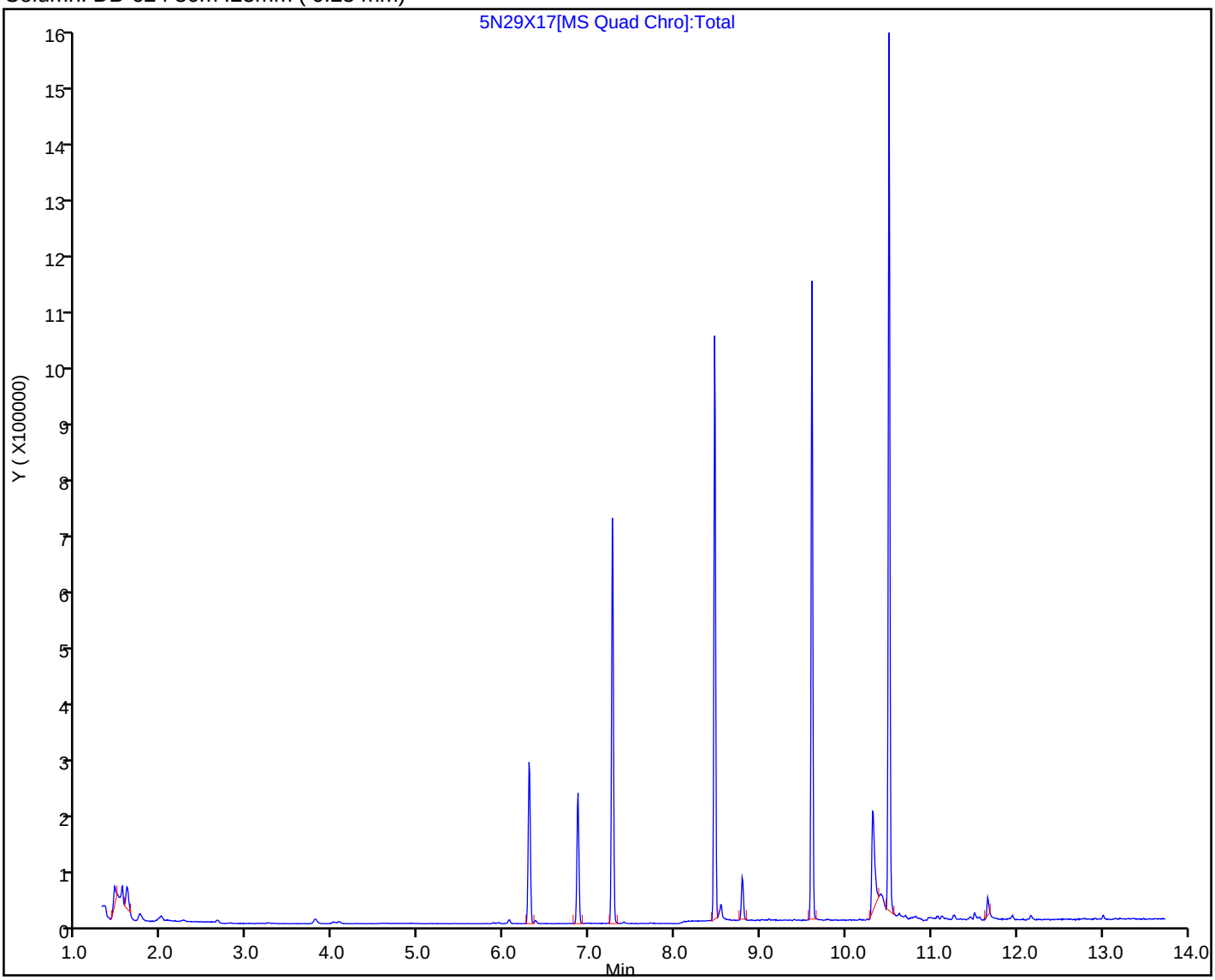
AIRIS200 ppb_00579 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 01-Dec-2025 11:20:23 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\5N29X17.D				
Injection Date:	29-Nov-2025 17:17:36	Instrument ID:	HP22820		
Lims ID:	410-255181-A-1	Lab Sample ID:	410-255181-1		
Client ID:	5032				
Operator ID:	cv118168	ALS Bottle#:	1	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)



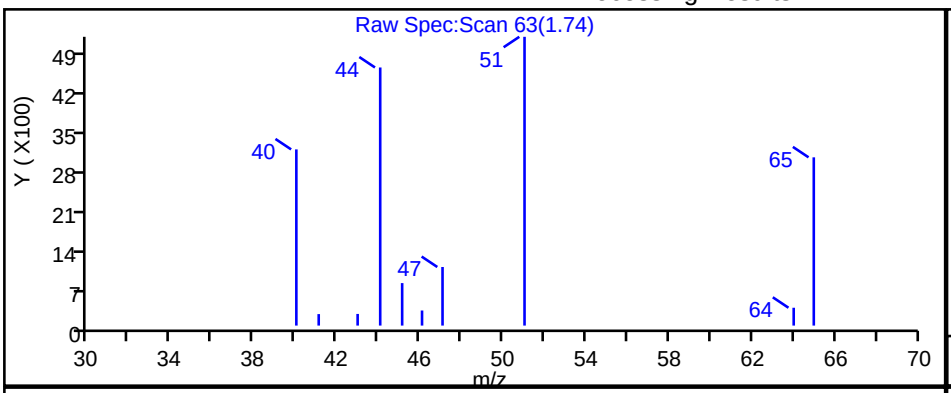
User Disabled Compound Report

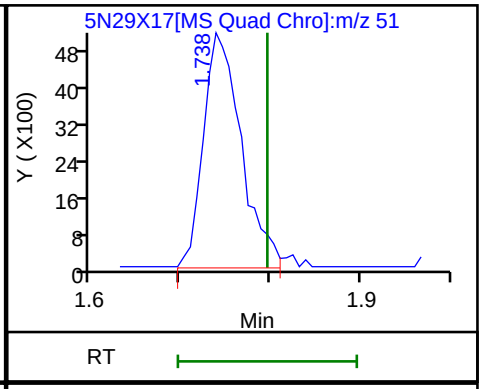
Eurofins Lancaster Laboratories Environment Testing, LLC

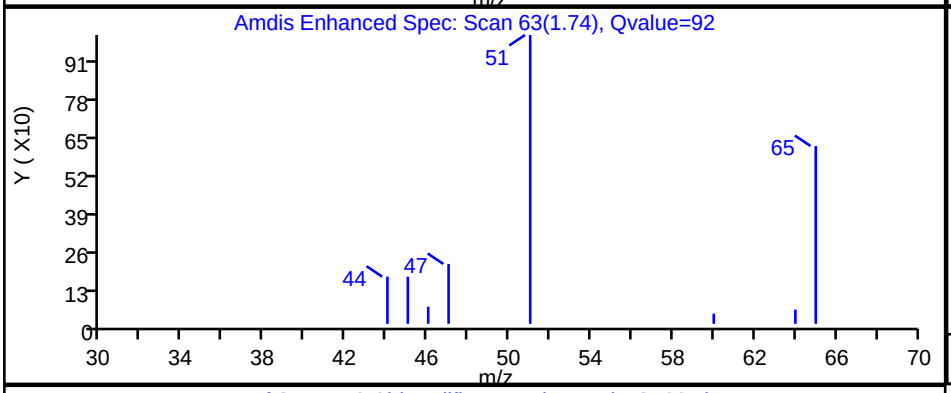
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Injection Date:	29-Nov-2025 17:17:36	Instrument ID:	HP22820		
Lims ID:	410-255181-A-1	Lab Sample ID:	410-255181-1		
Client ID:	5032				
Operator ID:	cv118168	ALS Bottle#:	1	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

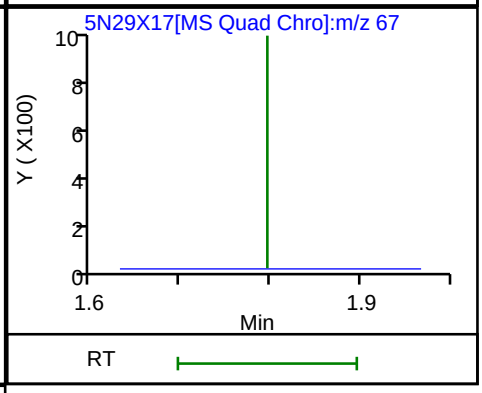
3 Chlorodifluoromethane, CAS: 75-45-6

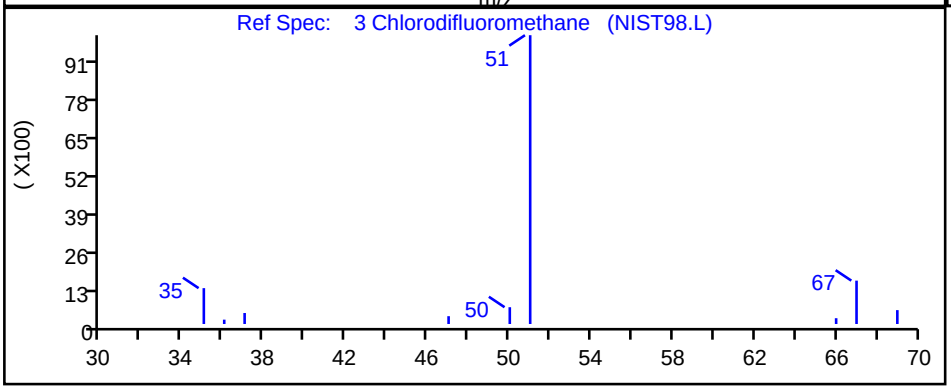
Processing Results











RT	Mass	Response	Amount
1.74	51.00	14908	0.689070
1.80	67.00	0	

Reviewer: D7UM, 01-Dec-2025 10:50:59 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 5050 Lab Sample ID: 410-255181-2

Matrix: Air Lab File ID: 5N29X18.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 17:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 5050 Lab Sample ID: 410-255181-2

Matrix: Air Lab File ID: 5N29X18.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 17:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 5050 Lab Sample ID: 410-255181-2

Matrix: Air Lab File ID: 5N29X18.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 17:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\5N29X18.D				
Lims ID:	410-255181-A-2				
Client ID:	5050				
Sample Type:	Client				
Inject. Date:	29-Nov-2025 17:42:13	ALS Bottle#:	5	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc5050				
Misc. Info.:	410-0168301-019				
Operator ID:	cv118168	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	01-Dec-2025 11:04:21	Calib Date:	12-Nov-2025 16:40:06		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20251112-166443.b\5N12X18.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1710				
First Level Reviewer: D7UM		Date:	01-Dec-2025 10:53:05		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.801	3.787	0.014	95	9700	0.3675	
20 Carbon disulfide	76	4.009	4.009	0.000	98	7289	0.1292	
* 39 Chlorobromomethane (IS)	130	6.294	6.294	0.000	87	101361	10.0	
* 51 1,4-Difluorobenzene	114	7.268	7.268	0.000	93	481431	10.0	
* 72 Chlorobenzene-d5 (IS)	117	9.603	9.603	0.000	84	496478	10.0	

QC Flag Legend

Processing Flags

Reagents:

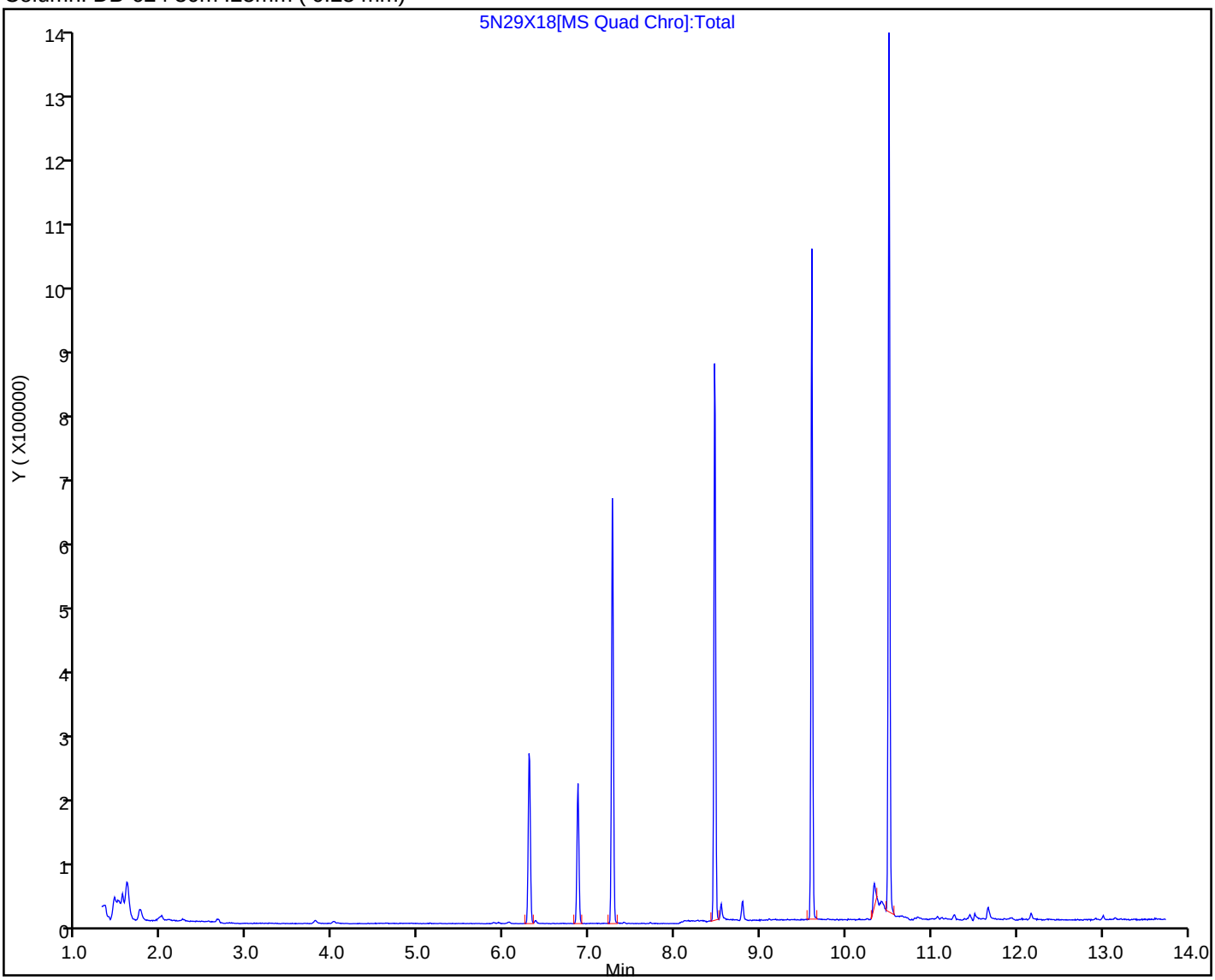
AIRIS200 ppb_00579 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 01-Dec-2025 11:20:25 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\5N29X18.D				
Injection Date:	29-Nov-2025 17:42:13	Instrument ID:	HP22820		
Lims ID:	410-255181-A-2	Lab Sample ID:	410-255181-2		
Client ID:	5050				
Operator ID:	cv118168	ALS Bottle#:	5	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)



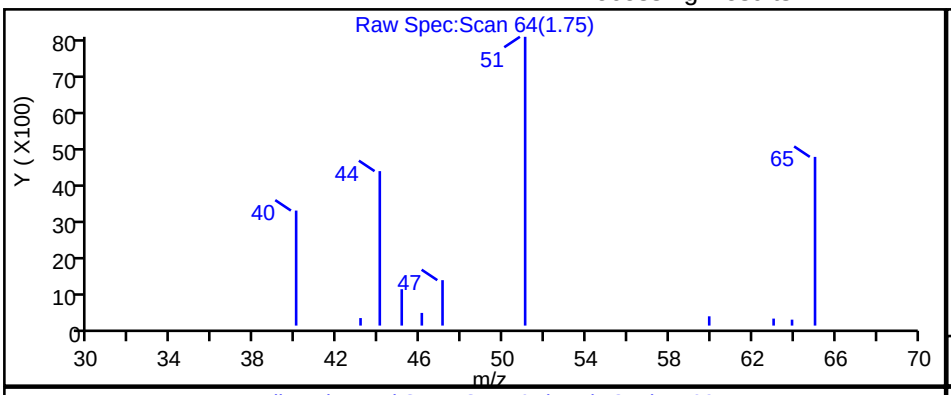
User Disabled Compound Report

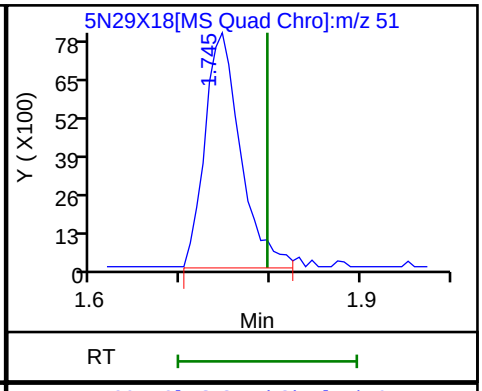
Eurofins Lancaster Laboratories Environment Testing, LLC

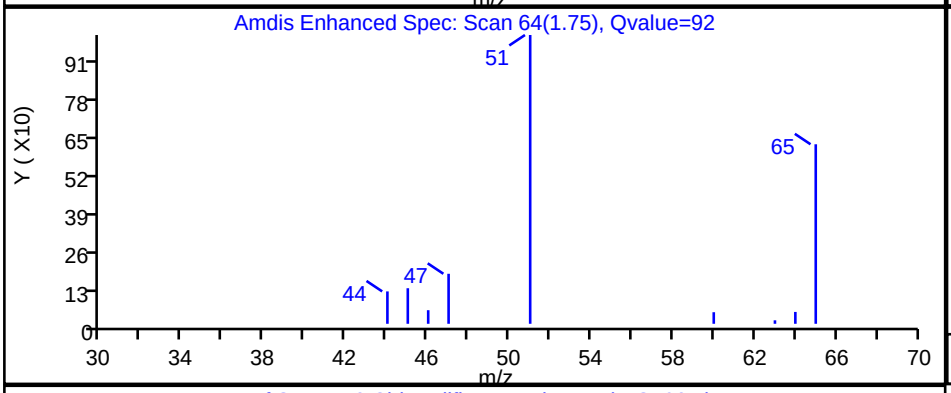
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Injection Date:	29-Nov-2025 17:42:13	Instrument ID:	HP22820		
Lims ID:	410-255181-A-2	Lab Sample ID:	410-255181-2		
Client ID:	5050				
Operator ID:	cv118168	ALS Bottle#:	5	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

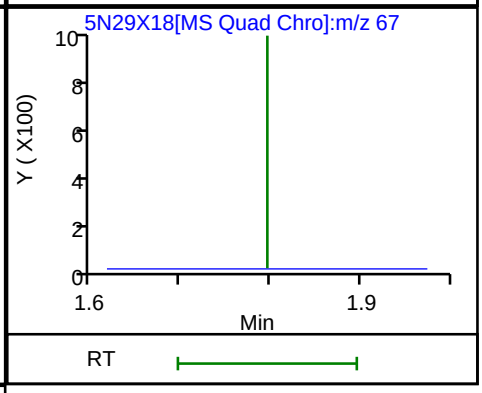
3 Chlorodifluoromethane, CAS: 75-45-6

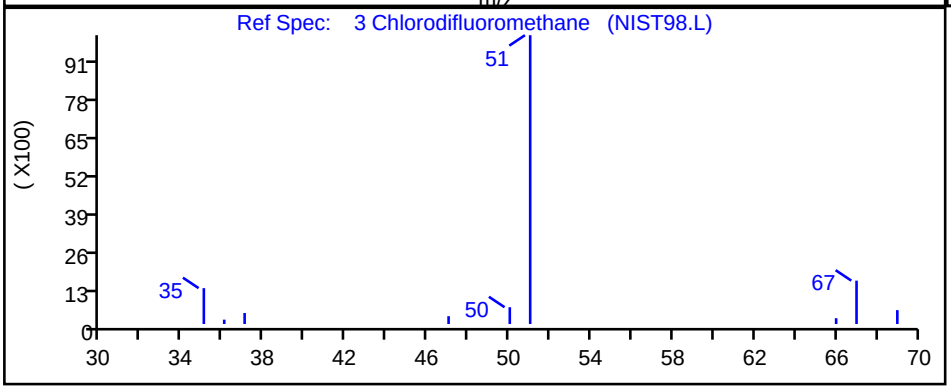
Processing Results











RT	Mass	Response	Amount
1.75	51.00	22043	1.034038
1.80	67.00	0	

Reviewer: D7UM, 01-Dec-2025 10:52:14 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 1461 Lab Sample ID: 410-255181-3

Matrix: Air Lab File ID: 5N29X19.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 18:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 1461 Lab Sample ID: 410-255181-3

Matrix: Air Lab File ID: 5N29X19.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 18:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 1461 Lab Sample ID: 410-255181-3

Matrix: Air Lab File ID: 5N29X19.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 18:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\5N29X19.D				
Lims ID:	410-255181-A-3				
Client ID:	1461				
Sample Type:	Client				
Inject. Date:	29-Nov-2025 18:06:45	ALS Bottle#:	8	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc1461				
Misc. Info.:	410-0168301-020				
Operator ID:	cv118168	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	01-Dec-2025 11:04:21	Calib Date:	12-Nov-2025 16:40:06		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20251112-166443.b\5N12X18.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1710				
First Level Reviewer: D7UM		Date:	01-Dec-2025 10:53:49		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.794	3.787	0.007	99	12725	0.5077	
* 39 Chlorobromomethane (IS)	130	6.294	6.294	0.000	86	96267	10.0	
* 51 1,4-Difluorobenzene	114	7.268	7.268	0.000	93	469658	10.0	
* 72 Chlorobenzene-d5 (IS)	117	9.604	9.603	0.001	84	481435	10.0	

QC Flag Legend

Processing Flags

Reagents:

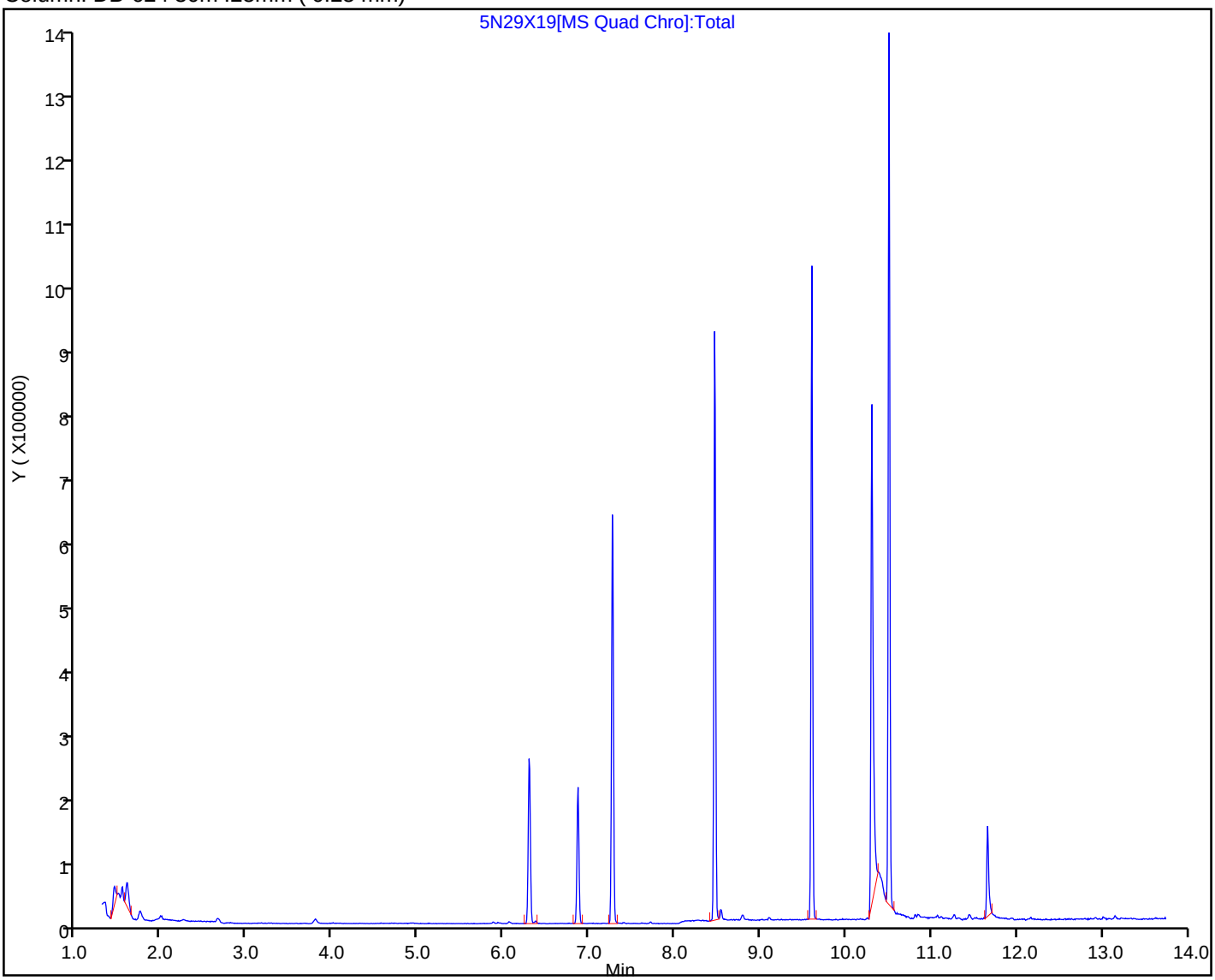
AIRIS200 ppb_00579 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 01-Dec-2025 11:20:28 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	29-Nov-2025 18:06:45	Instrument ID:	HP22820		
Lims ID:	410-255181-A-3	Lab Sample ID:	410-255181-3		
Client ID:	1461				
Operator ID:	cv118168	ALS Bottle#:	8	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)



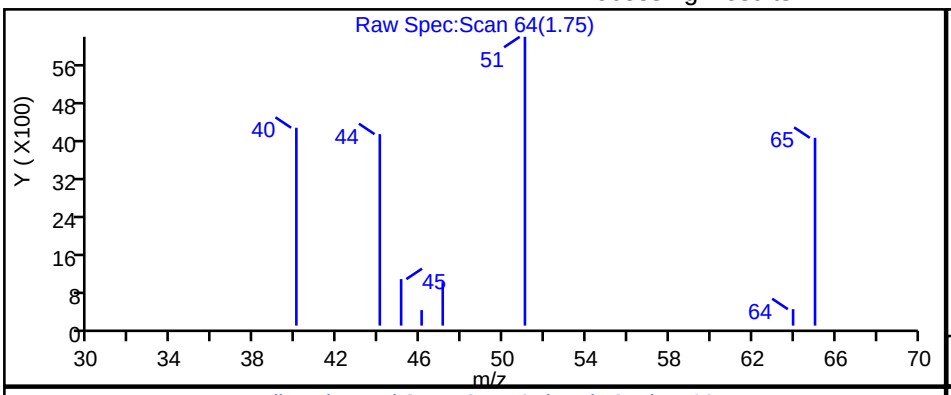
User Disabled Compound Report

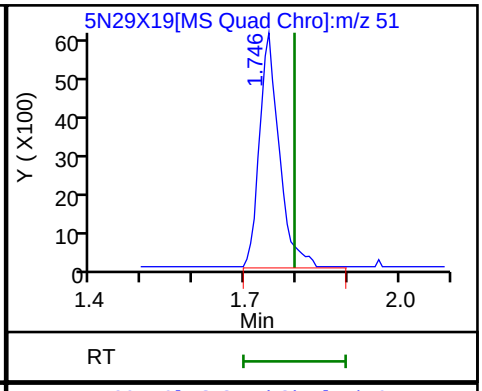
Eurofins Lancaster Laboratories Environment Testing, LLC

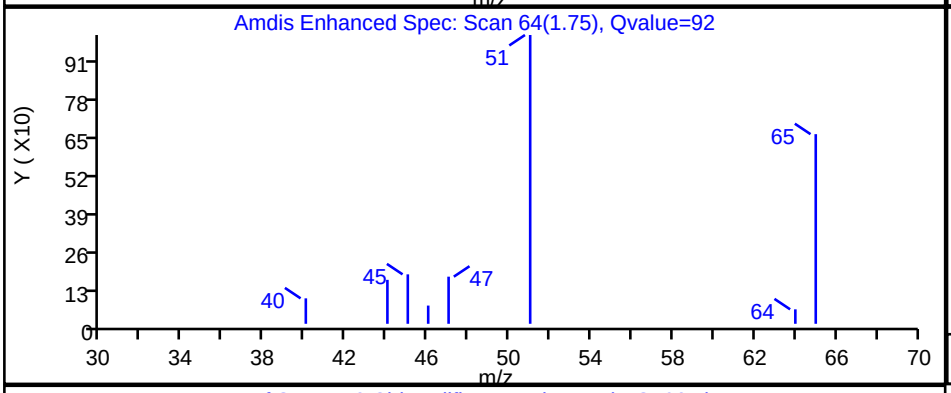
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Injection Date:	29-Nov-2025 18:06:45	Instrument ID:	HP22820		
Lims ID:	410-255181-A-3	Lab Sample ID:	410-255181-3		
Client ID:	1461				
Operator ID:	cv118168	ALS Bottle#:	8	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

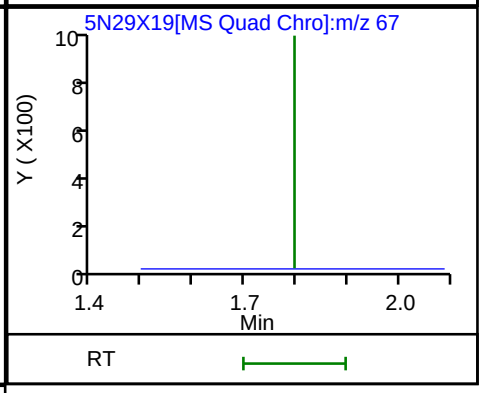
3 Chlorodifluoromethane, CAS: 75-45-6

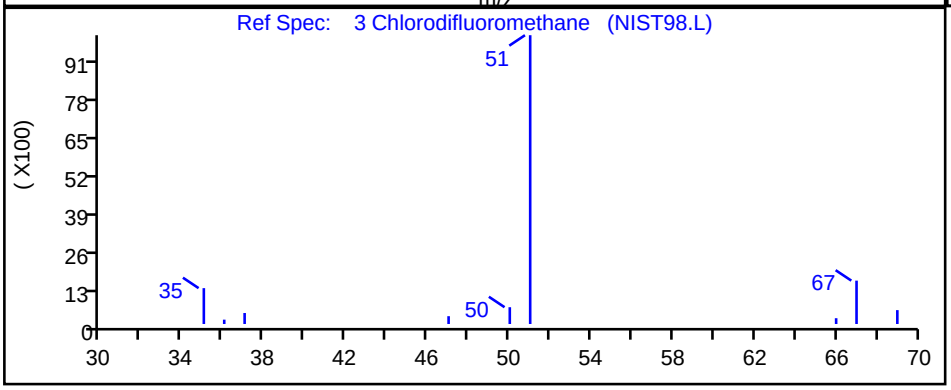
Processing Results











RT	Mass	Response	Amount
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1.80	67.00	0	

Reviewer: D7UM, 01-Dec-2025 10:53:15 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 1437 Lab Sample ID: 410-255181-4

Matrix: Air Lab File ID: 5N29X20.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 18:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 1437 Lab Sample ID: 410-255181-4

Matrix: Air Lab File ID: 5N29X20.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 18:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 1437 Lab Sample ID: 410-255181-4

Matrix: Air Lab File ID: 5N29X20.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 18:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\5N29X20.D				
Lims ID:	410-255181-A-4				
Client ID:	1437				
Sample Type:	Client				
Inject. Date:	29-Nov-2025 18:31:16	ALS Bottle#:	9	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc1437				
Misc. Info.:	410-0168301-021				
Operator ID:	cv118168	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	01-Dec-2025 11:04:21	Calib Date:	12-Nov-2025 16:40:06		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20251112-166443.b\5N12X18.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1710				
First Level Reviewer: D7UM		Date:	01-Dec-2025 10:54:37		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.787	3.787	0.000	94	10398	0.3813	
* 39 Chlorobromomethane (IS)	130	6.301	6.294	0.007	86	104720	10.0	
* 51 1,4-Difluorobenzene	114	7.268	7.268	0.000	93	502646	10.0	
* 72 Chlorobenzene-d5 (IS)	117	9.603	9.603	0.000	84	494901	10.0	

QC Flag Legend

Processing Flags

Reagents:

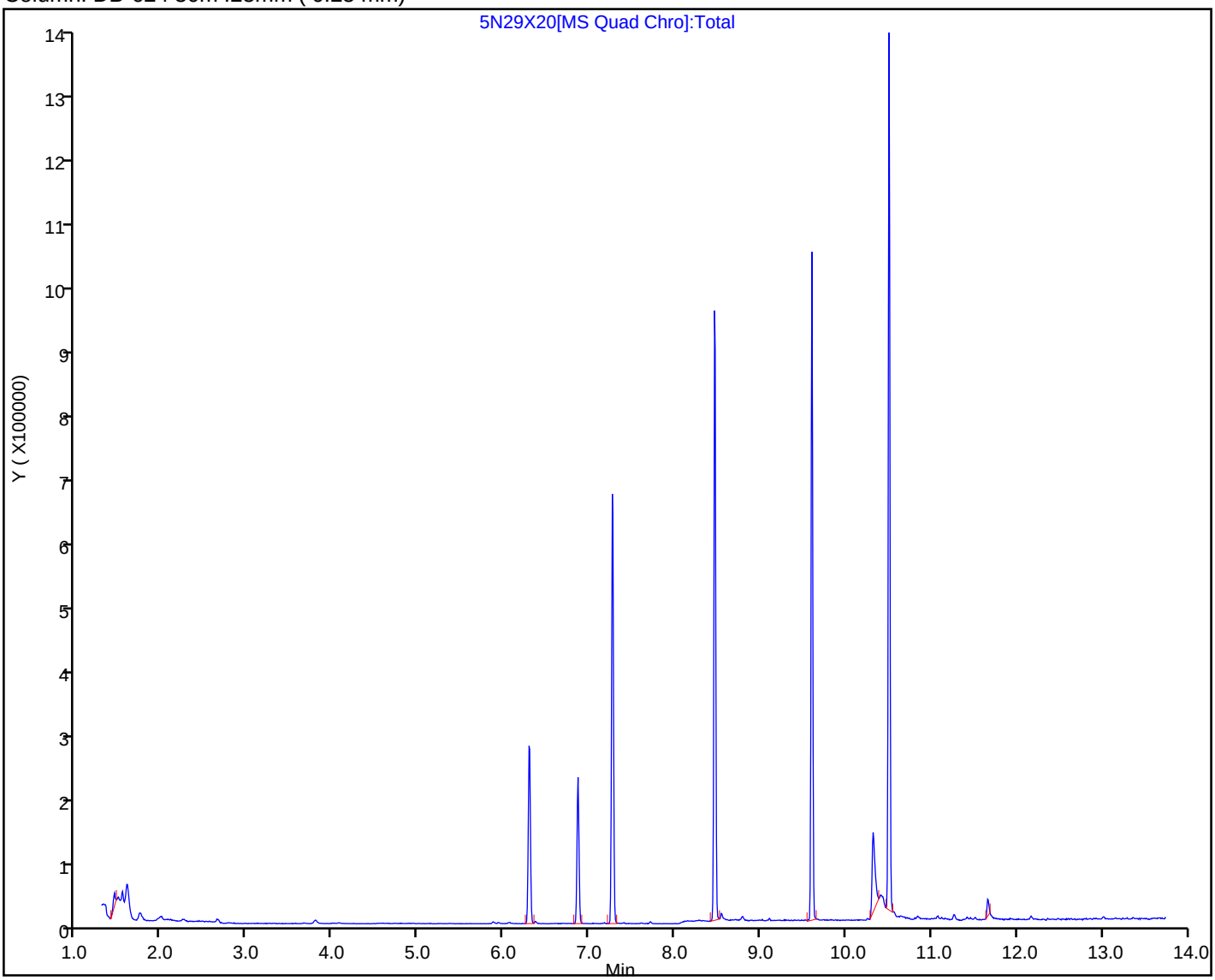
AIRIS200 ppb_00579 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 01-Dec-2025 11:20:30 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\5N29X20.D				
Injection Date:	29-Nov-2025 18:31:16	Instrument ID:	HP22820		
Lims ID:	410-255181-A-4	Lab Sample ID:	410-255181-4		
Client ID:	1437				
Operator ID:	cv118168	ALS Bottle#:	9	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)



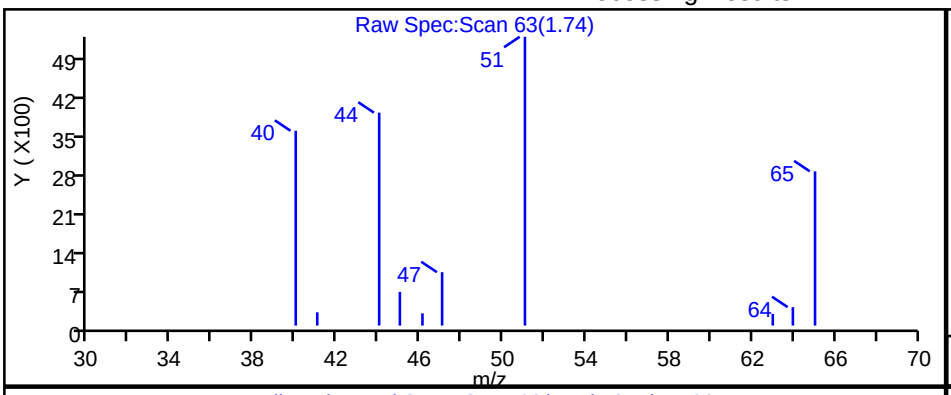
User Disabled Compound Report

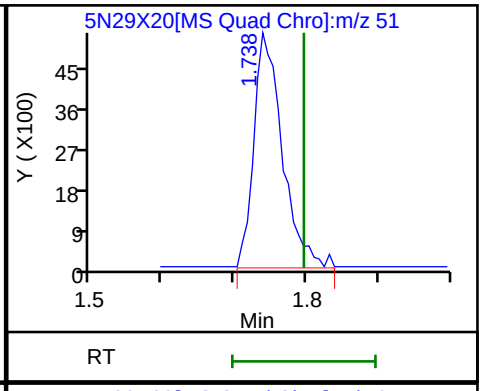
Eurofins Lancaster Laboratories Environment Testing, LLC

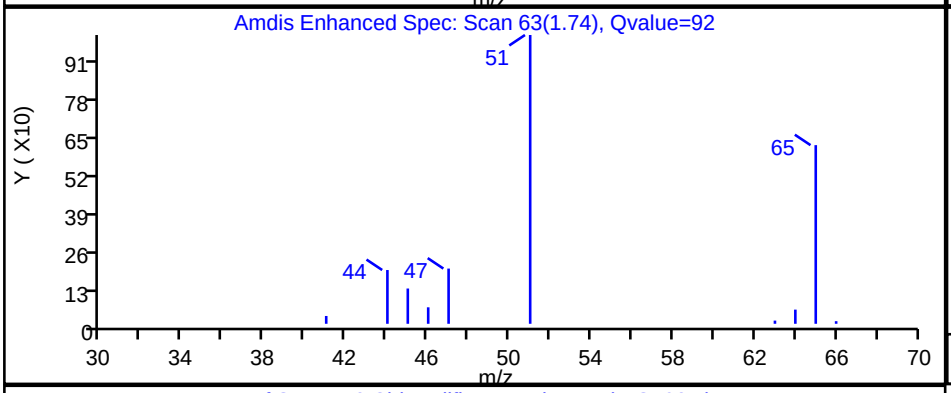
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Injection Date:	29-Nov-2025 18:31:16	Instrument ID:	HP22820		
Lims ID:	410-255181-A-4	Lab Sample ID:	410-255181-4		
Client ID:	1437				
Operator ID:	cv118168	ALS Bottle#:	9	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

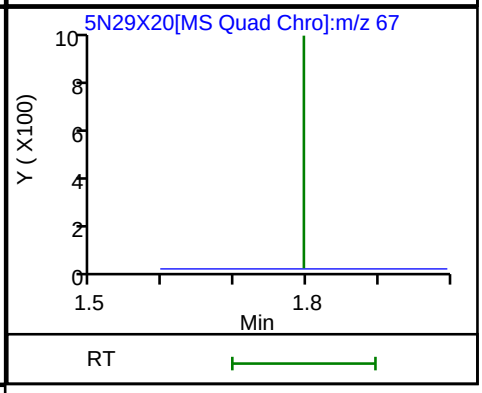
3 Chlorodifluoromethane, CAS: 75-45-6

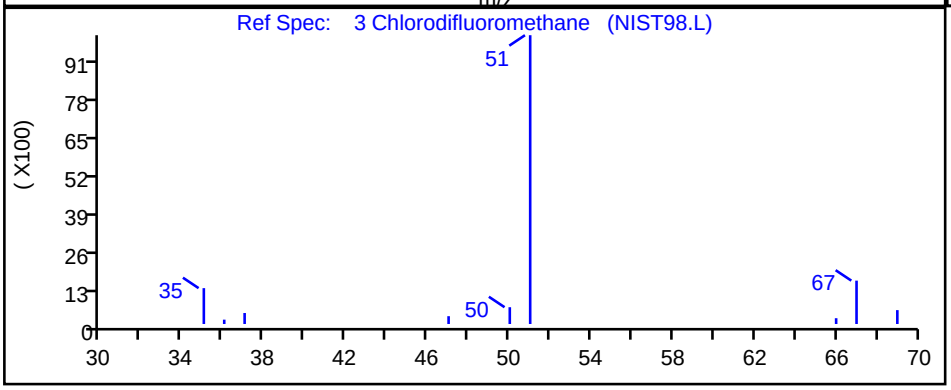
Processing Results











RT	Mass	Response	Amount
1.74	51.00	14394	0.653565
1.80	67.00	0	

Reviewer: D7UM, 01-Dec-2025 10:54:35 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 1813 Lab Sample ID: 410-255181-5

Matrix: Air Lab File ID: 5N29X21.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 18:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 1813 Lab Sample ID: 410-255181-5

Matrix: Air Lab File ID: 5N29X21.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 18:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 1813 Lab Sample ID: 410-255181-5

Matrix: Air Lab File ID: 5N29X21.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 18:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\5N29X21.D				
Lims ID:	410-255181-A-5				
Client ID:	1813				
Sample Type:	Client				
Inject. Date:	29-Nov-2025 18:55:43	ALS Bottle#:	10	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc1813				
Misc. Info.:	410-0168301-022				
Operator ID:	cv118168	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	01-Dec-2025 11:04:21	Calib Date:	12-Nov-2025 16:40:06		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20251112-166443.b\5N12X18.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1710				
First Level Reviewer: D7UM		Date:	01-Dec-2025 10:55:15		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.794	3.787	0.007	100	14294	0.5283	
* 39 Chlorobromomethane (IS)	130	6.301	6.294	0.007	86	103910	10.0	
* 51 1,4-Difluorobenzene	114	7.268	7.268	0.000	93	494578	10.0	
* 72 Chlorobenzene-d5 (IS)	117	9.603	9.603	0.000	84	489217	10.0	

QC Flag Legend

Processing Flags

Reagents:

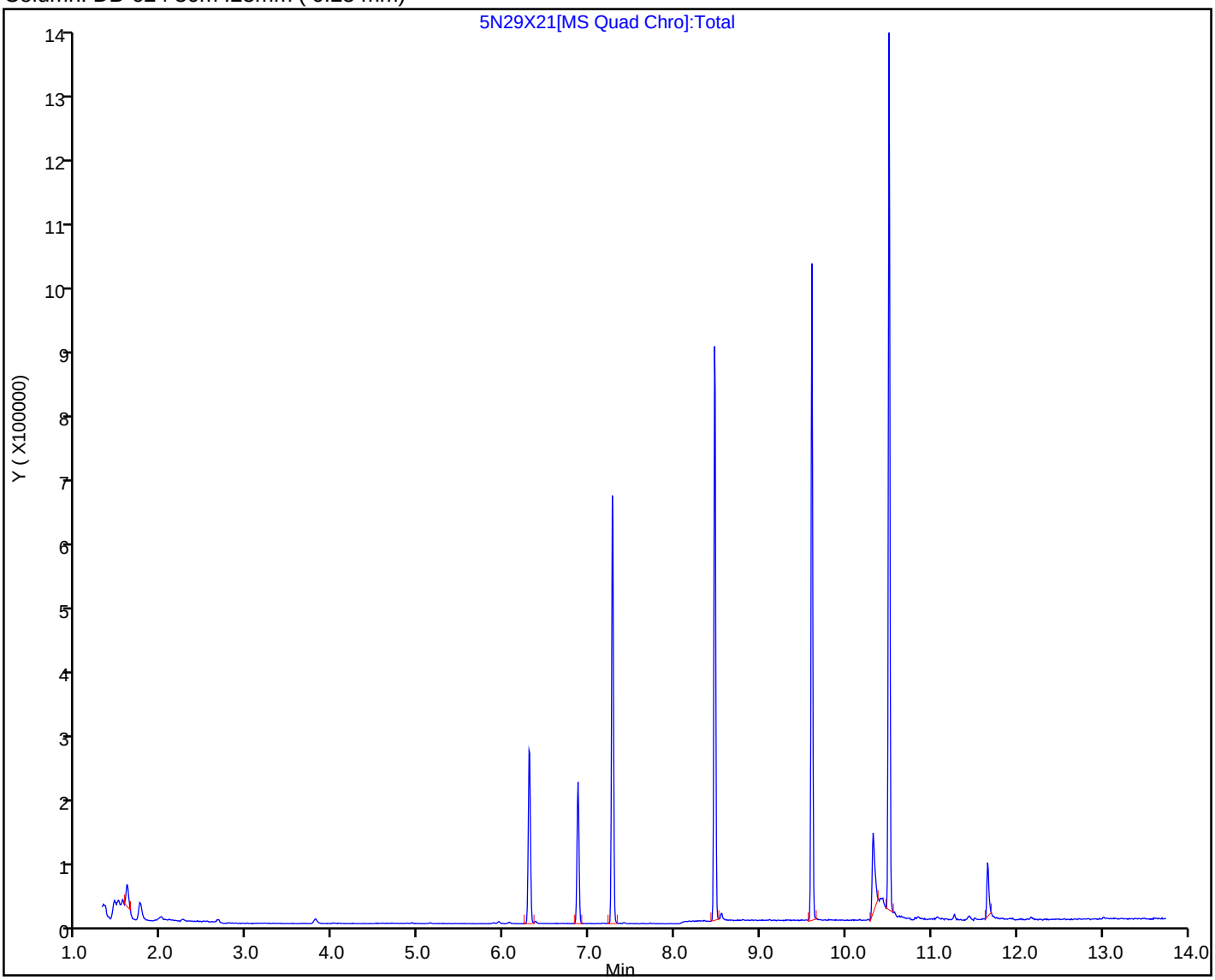
AIRIS200 ppb_00579 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 01-Dec-2025 11:20:32 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\5N29X21.D				
Injection Date:	29-Nov-2025 18:55:43	Instrument ID:	HP22820		
Lims ID:	410-255181-A-5	Lab Sample ID:	410-255181-5		
Client ID:	1813				
Operator ID:	cv118168	ALS Bottle#:	10	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)



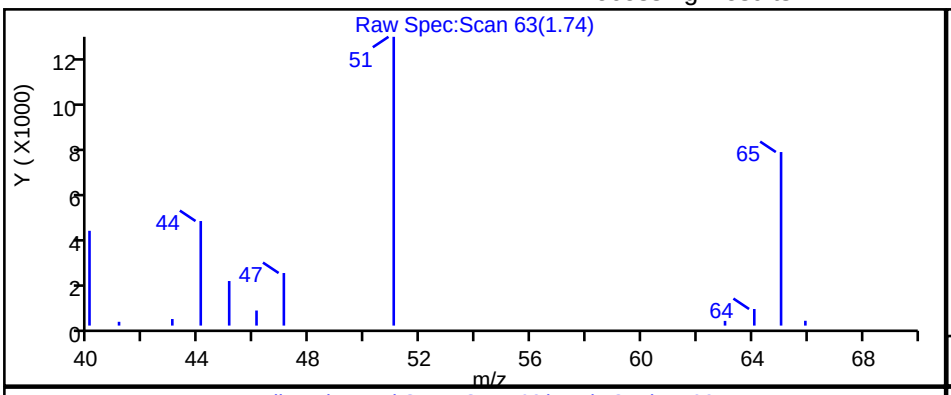
User Disabled Compound Report

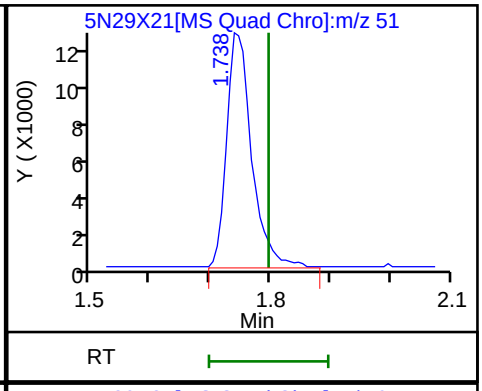
Eurofins Lancaster Laboratories Environment Testing, LLC

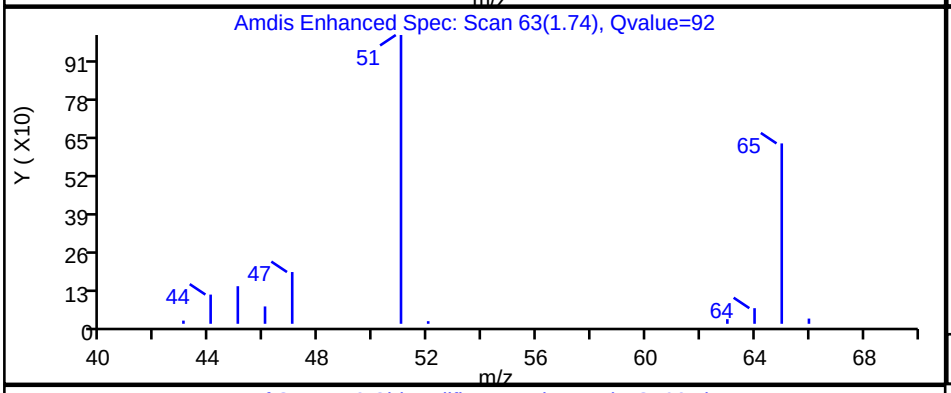
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Injection Date:	29-Nov-2025 18:55:43	Instrument ID:	HP22820		
Lims ID:	410-255181-A-5	Lab Sample ID:	410-255181-5		
Client ID:	1813				
Operator ID:	cv118168	ALS Bottle#:	10	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

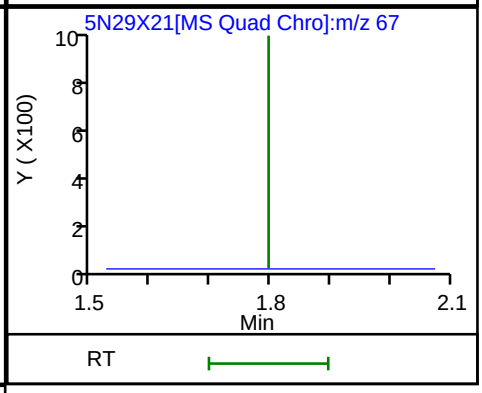
3 Chlorodifluoromethane, CAS: 75-45-6

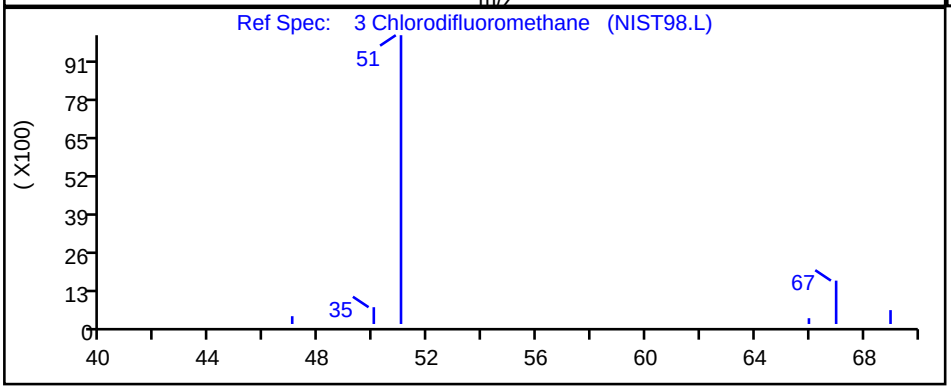
Processing Results











RT	Mass	Response	Amount
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1.80	67.00	0	

Reviewer: D7UM, 01-Dec-2025 10:54:46 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 4311 Lab Sample ID: 410-255181-6

Matrix: Air Lab File ID: 5N29X22.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 19:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 4311 Lab Sample ID: 410-255181-6

Matrix: Air Lab File ID: 5N29X22.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 19:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255181-1

SDG No.:

Client Sample ID: 4311 Lab Sample ID: 410-255181-6

Matrix: Air Lab File ID: 5N29X22.D

Analysis Method: TO-15 Date Collected: 11/29/2025 13:30

Sample wt/vol: 200(mL) Date Analyzed: 11/29/2025 19:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736555 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\5N29X22.D				
Lims ID:	410-255181-A-6				
Client ID:	4311				
Sample Type:	Client				
Inject. Date:	29-Nov-2025 19:20:10	ALS Bottle#:	11	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc4311				
Misc. Info.:	410-0168301-023				
Operator ID:	cv118168	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	01-Dec-2025 11:04:21	Calib Date:	12-Nov-2025 16:40:06		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20251112-166443.b\5N12X18.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1710				
First Level Reviewer: D7UM		Date:	01-Dec-2025 10:56:12		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.801	3.787	0.014	98	12616	0.4810	
36 2-Butanone (MEK)	43	6.065	6.058	0.007	98	6491	0.1757	
* 39 Chlorobromomethane (IS)	130	6.301	6.294	0.007	85	100734	10.0	
* 51 1,4-Difluorobenzene	114	7.268	7.268	0.000	93	466639	10.0	
* 72 Chlorobenzene-d5 (IS)	117	9.603	9.603	0.000	84	495831	10.0	

QC Flag Legend

Processing Flags

Reagents:

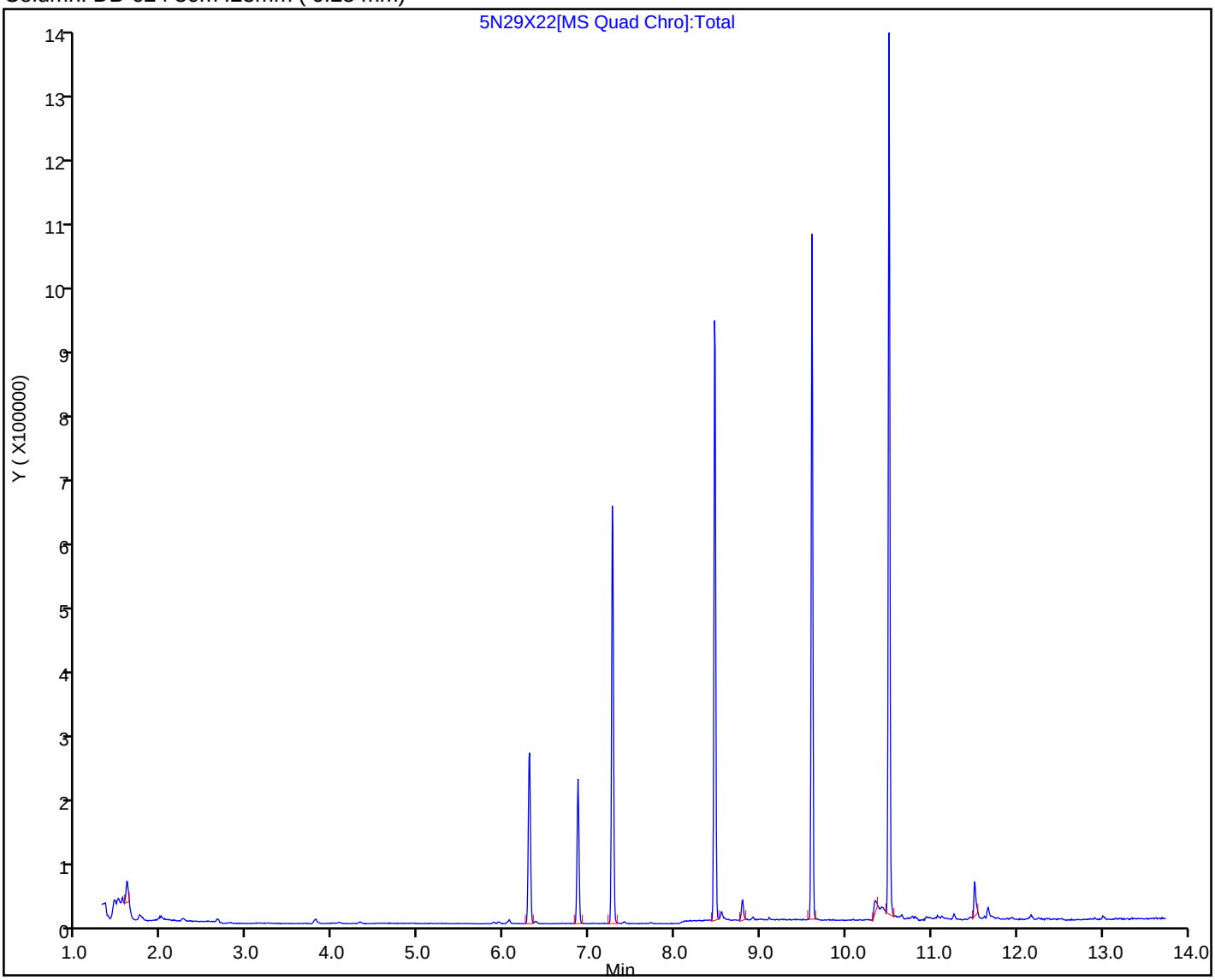
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Report Date: 01-Dec-2025 11:20:34 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\5N29X22.D				
Injection Date:	29-Nov-2025 19:20:10	Instrument ID:	HP22820		
Lims ID:	410-255181-A-6	Lab Sample ID:	410-255181-6		
Client ID:	4311				
Operator ID:	cv118168	ALS Bottle#:	11	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)



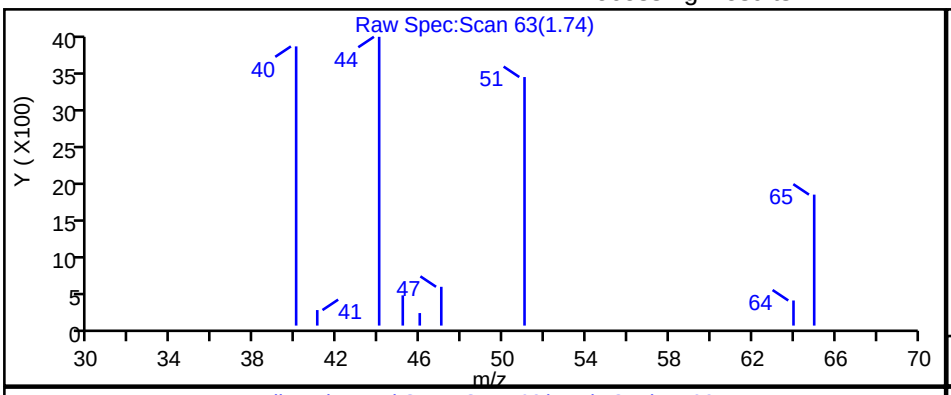
User Disabled Compound Report

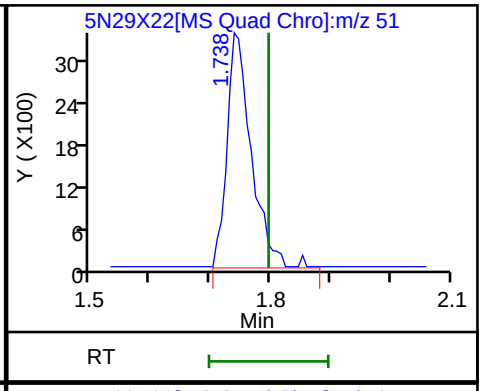
Eurofins Lancaster Laboratories Environment Testing, LLC

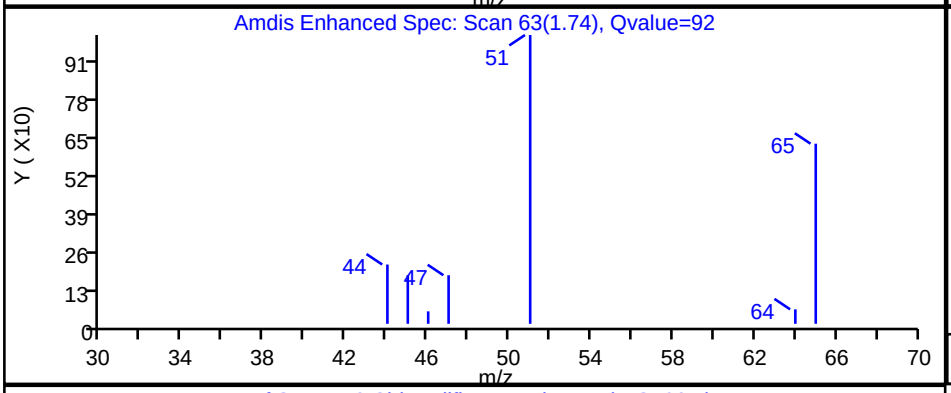
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Injection Date:	29-Nov-2025 19:20:10	Instrument ID:	HP22820		
Lims ID:	410-255181-A-6	Lab Sample ID:	410-255181-6		
Client ID:	4311				
Operator ID:	cv118168	ALS Bottle#:	11	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

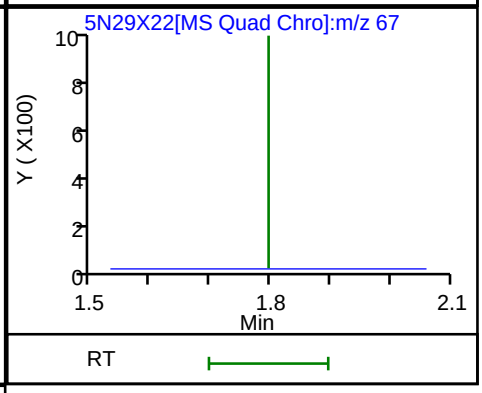
3 Chlorodifluoromethane, CAS: 75-45-6

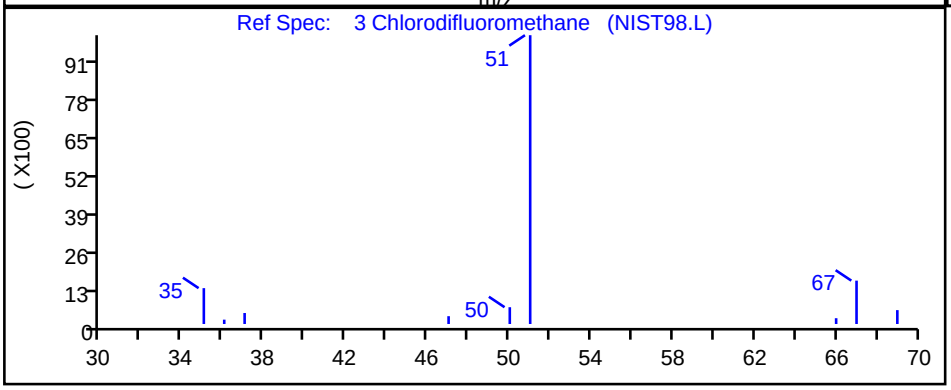
Processing Results











RT	Mass	Response	Amount
1.74	51.00	9491	0.447994
1.80	67.00	0	

Reviewer: D7UM, 01-Dec-2025 10:55:59 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

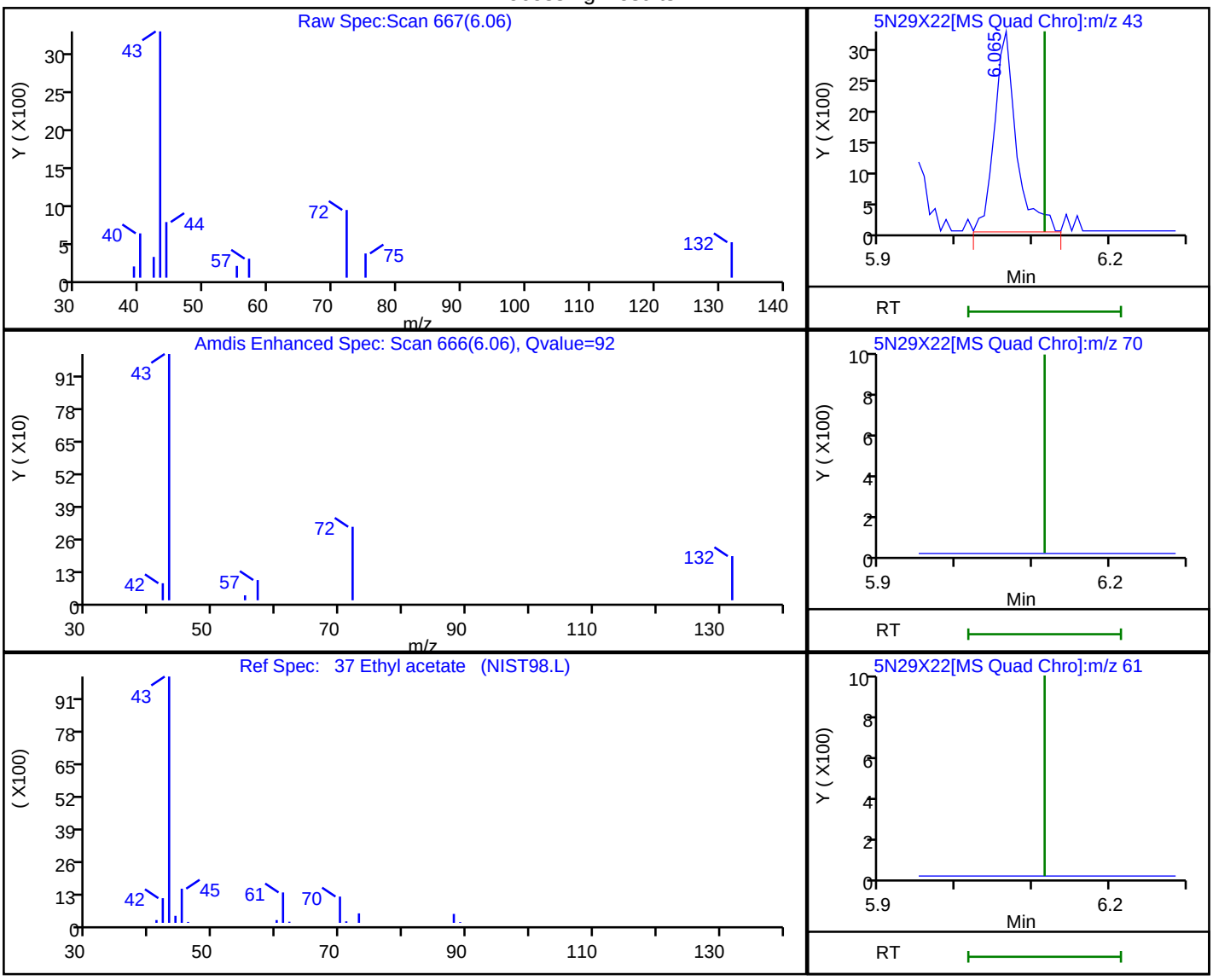
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251129-168301.b\5N29X22.D				
Injection Date:	29-Nov-2025 19:20:10	Instrument ID:	HP22820		
Lims ID:	410-255181-A-6	Lab Sample ID:	410-255181-6		
Client ID:	4311				
Operator ID:	cv118168	ALS Bottle#:	11	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

37 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
6.06	43.00	6491	0.148962
6.12	70.00	0	
6.12	61.00	0	

Reviewer: D7UM, 01-Dec-2025 10:55:45 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255302-1

SDG No.:

Client Sample ID: 1608 Lab Sample ID: 410-255302-1

Matrix: Air Lab File ID: 5D01X24.D

Analysis Method: TO-15 Date Collected: 11/29/2025 17:30

Sample wt/vol: 200(mL) Date Analyzed: 12/01/2025 17:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736738 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255302-1

SDG No.:

Client Sample ID: 1608 Lab Sample ID: 410-255302-1

Matrix: Air Lab File ID: 5D01X24.D

Analysis Method: TO-15 Date Collected: 11/29/2025 17:30

Sample wt/vol: 200(mL) Date Analyzed: 12/01/2025 17:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736738 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255302-1

SDG No.:

Client Sample ID: 1608 Lab Sample ID: 410-255302-1

Matrix: Air Lab File ID: 5D01X24.D

Analysis Method: TO-15 Date Collected: 11/29/2025 17:30

Sample wt/vol: 200(mL) Date Analyzed: 12/01/2025 17:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736738 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251201-168348.b\5D01X24.D				
Lims ID:	410-255302-A-1				
Client ID:	1608				
Sample Type:	Client				
Inject. Date:	01-Dec-2025 17:26:13	ALS Bottle#:	9	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc1608				
Misc. Info.:	410-0168348-018				
Operator ID:	sn105465	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20251201-168348.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	02-Dec-2025 14:14:31	Calib Date:	12-Nov-2025 16:40:06		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20251112-166443.b\5N12X18.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1611				
First Level Reviewer: LER7		Date:	02-Dec-2025 14:15:55		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.801	3.787	0.014	98	11327	0.4194	
* 39 Chlorobromomethane (IS)	130	6.294	6.301	-0.007	86	103733	10.0	
* 51 1,4-Difluorobenzene	114	7.268	7.268	0.000	93	481165	10.0	
* 72 Chlorobenzene-d5 (IS)	117	9.603	9.603	0.000	83	465961	10.0	

QC Flag Legend

Processing Flags

Reagents:

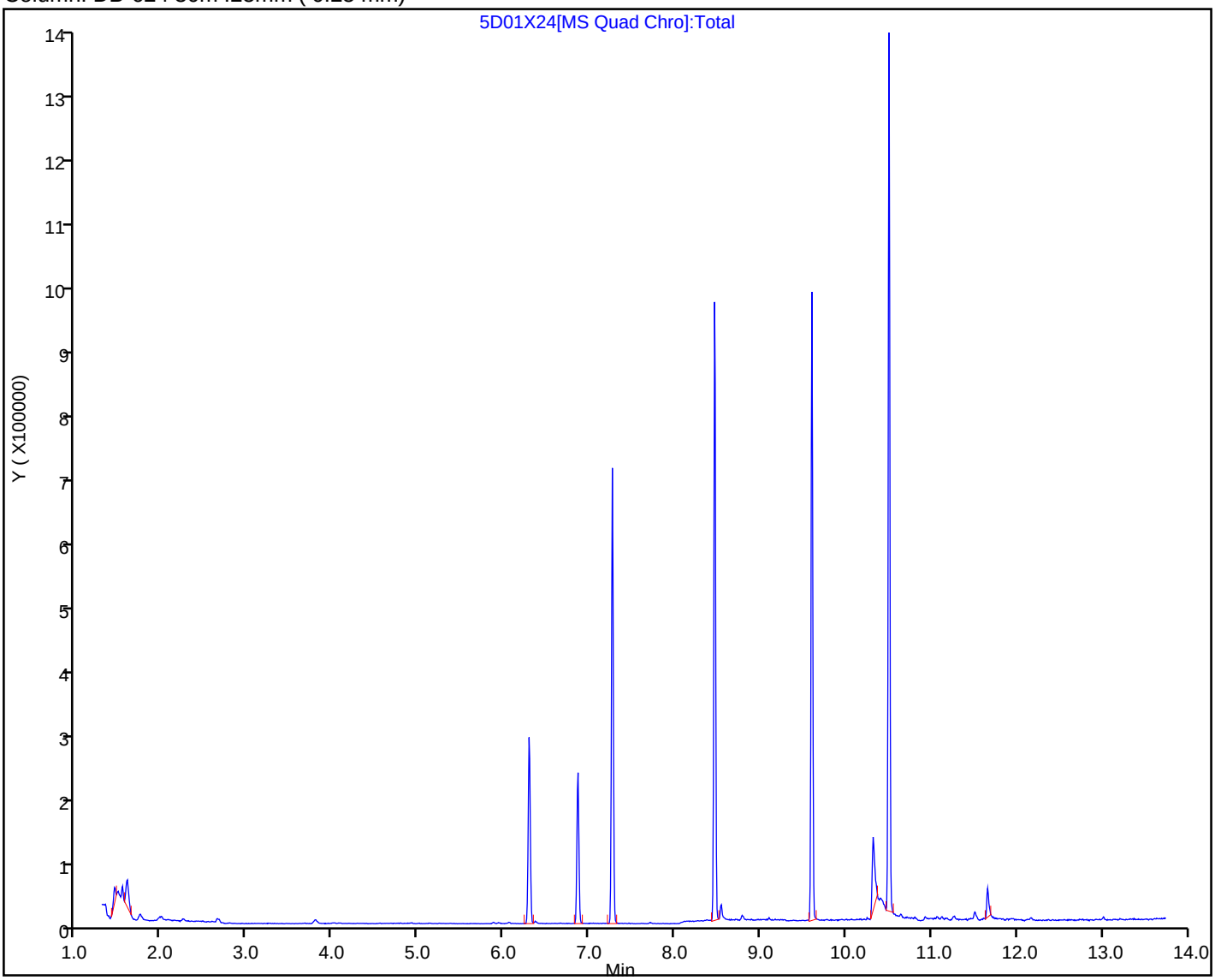
AIRIS200 ppb_00579 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 02-Dec-2025 14:15:55 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251201-168348.b\5D01X24.D				
Injection Date:	01-Dec-2025 17:26:13	Instrument ID:	HP22820		
Lims ID:	410-255302-A-1	Lab Sample ID:	410-255302-1		
Client ID:	1608				
Operator ID:	sn105465	ALS Bottle#:	9	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)



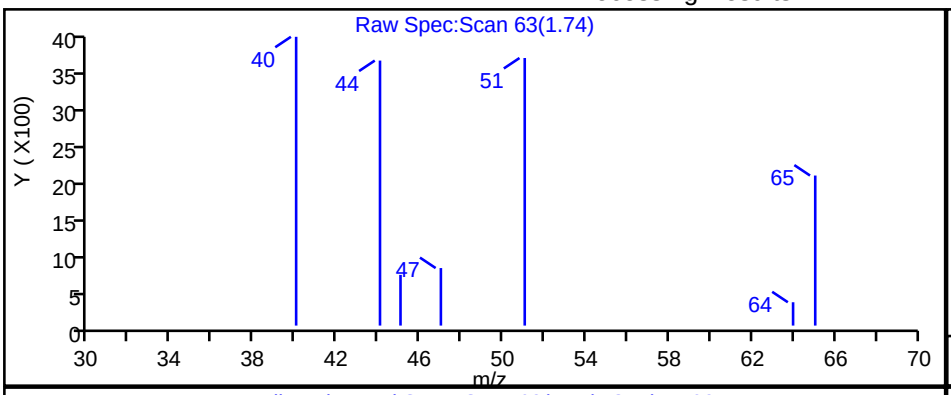
User Disabled Compound Report

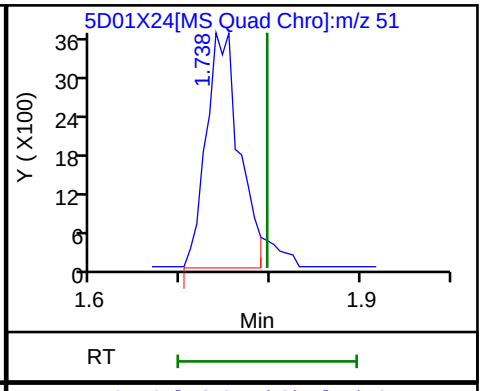
Eurofins Lancaster Laboratories Environment Testing, LLC

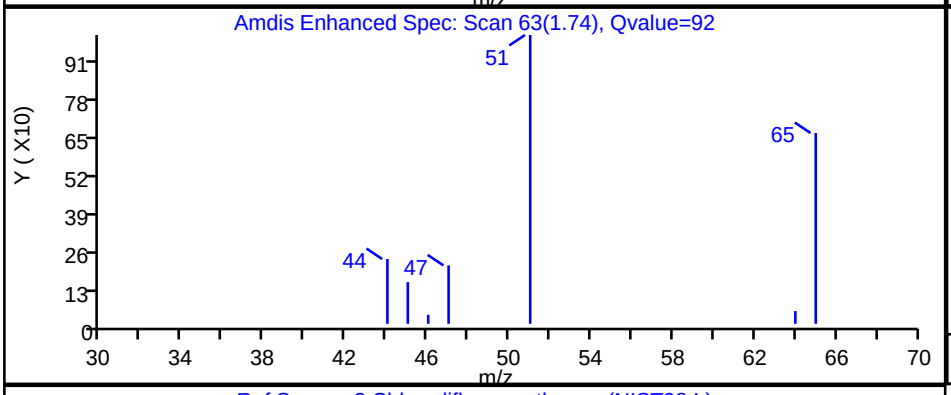
Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251201-168348.b\5D01X24.D				
Injection Date:	01-Dec-2025 17:26:13	Instrument ID:	HP22820		
Lims ID:	410-255302-A-1	Lab Sample ID:	410-255302-1		
Client ID:	1608				
Operator ID:	sn105465	ALS Bottle#:	9	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

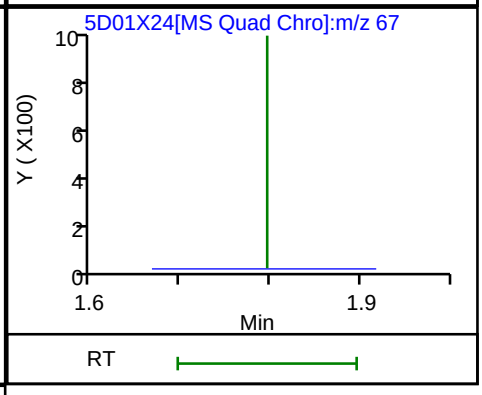
3 Chlorodifluoromethane, CAS: 75-45-6

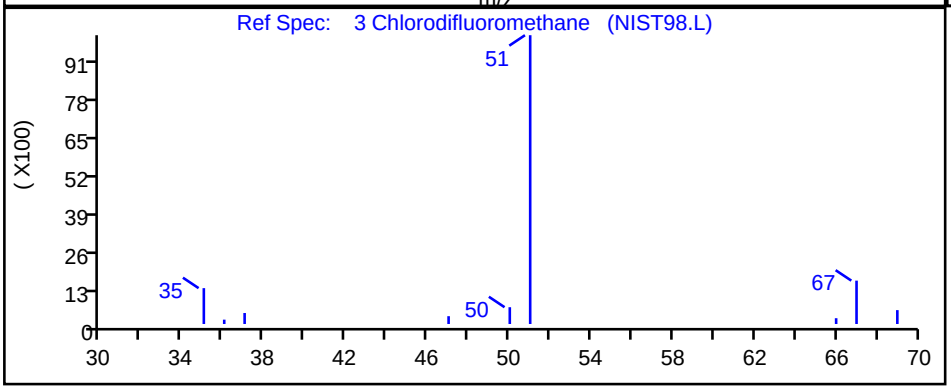
Processing Results











RT	Mass	Response	Amount
1.74	51.00	9252	0.424087
1.80	67.00	0	

Reviewer: LER7, 02-Dec-2025 10:05:48 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255637-1

SDG No.:

Client Sample ID: 333 Lab Sample ID: 410-255637-1

Matrix: Air Lab File ID: 7D02X66.D

Analysis Method: TO-15 Date Collected: 12/03/2025 05:11

Sample wt/vol: 200(mL) Date Analyzed: 12/03/2025 14:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 737863 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255637-1

SDG No.:

Client Sample ID: 333 Lab Sample ID: 410-255637-1

Matrix: Air Lab File ID: 7D02X66.D

Analysis Method: TO-15 Date Collected: 12/03/2025 05:11

Sample wt/vol: 200(mL) Date Analyzed: 12/03/2025 14:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 737863 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255637-1

SDG No.:

Client Sample ID: 333 Lab Sample ID: 410-255637-1

Matrix: Air Lab File ID: 7D02X66.D

Analysis Method: TO-15 Date Collected: 12/03/2025 05:11

Sample wt/vol: 200(mL) Date Analyzed: 12/03/2025 14:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 737863 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20251202-168597.b\7D02X66.D				
Lims ID:	410-255637-A-1				
Client ID:	333				
Sample Type:	Client				
Inject. Date:	03-Dec-2025 14:45:25	ALS Bottle#:	16	Worklist Smp#:	40
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc333				
Misc. Info.:	410-0168597-040				
Operator ID:	AL109694	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20251202-168597.b\TO15_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	03-Dec-2025 14:36:23	Calib Date:	02-Dec-2025 22:51:56		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20251202-168597.b\7D02X35.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1681				
First Level Reviewer: JXC9		Date:	03-Dec-2025 16:19:41		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
20 Isopropyl alcohol	45	6.592	6.588	0.014	88	13456	0.4211	
* 35 Chlorobromomethane (IS)	130	9.601	9.601	0.000	86	252055	10.0	
* 50 1,4-Difluorobenzene	114	11.213	11.205	0.008	97	948804	10.0	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.457	0.008	92	852784	10.0	

QC Flag Legend

Processing Flags

Reagents:

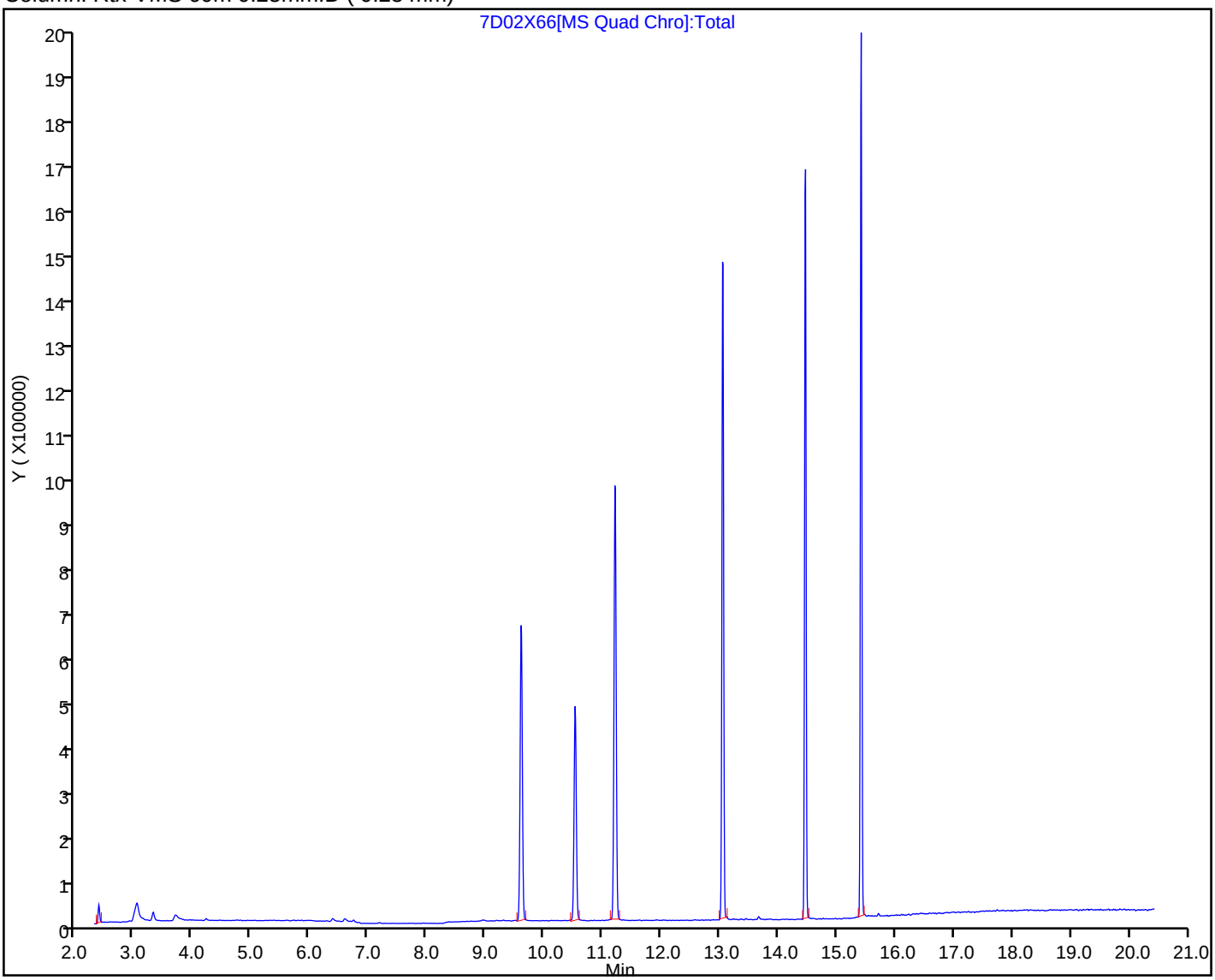
AIRIS200 ppb_00580 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 03-Dec-2025 20:30:52 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	03-Dec-2025 14:45:25	Instrument ID:	HP8R004		
Lims ID:	410-255637-A-1	Lab Sample ID:	410-255637-1		
Client ID:	333				
Operator ID:	AL109694	ALS Bottle#:	16	Worklist Smp#:	40
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



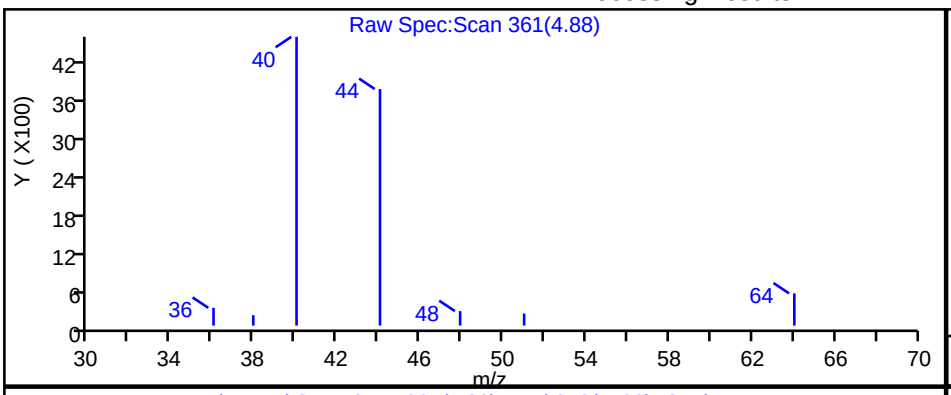
User Disabled Compound Report

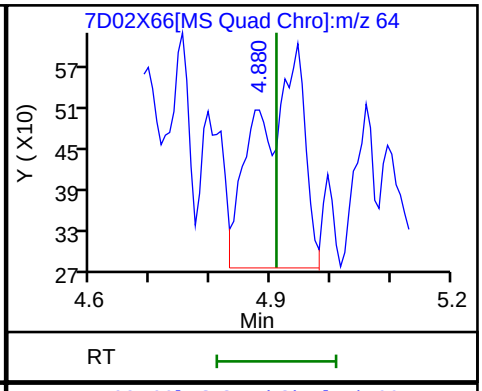
Eurofins Lancaster Laboratories Environment Testing, LLC

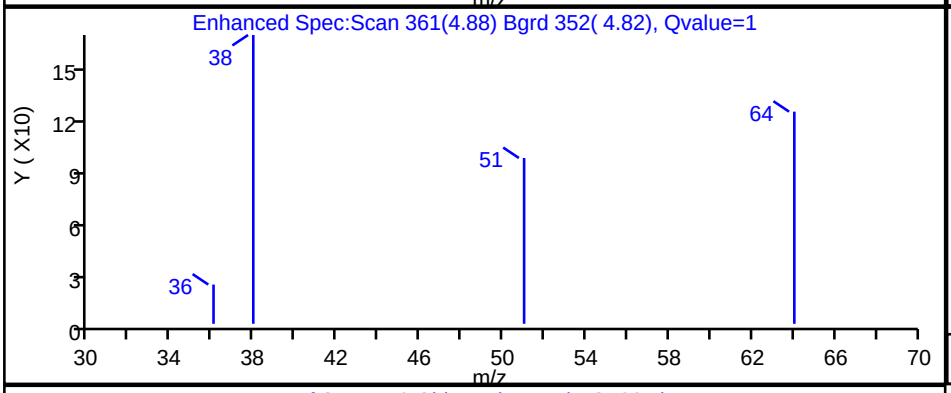
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Injection Date:	03-Dec-2025 14:45:25	Instrument ID:	HP8R004		
Lims ID:	410-255637-A-1	Lab Sample ID:	410-255637-1		
Client ID:	333				
Operator ID:	AL109694	ALS Bottle#:	16	Worklist Smp#:	40
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

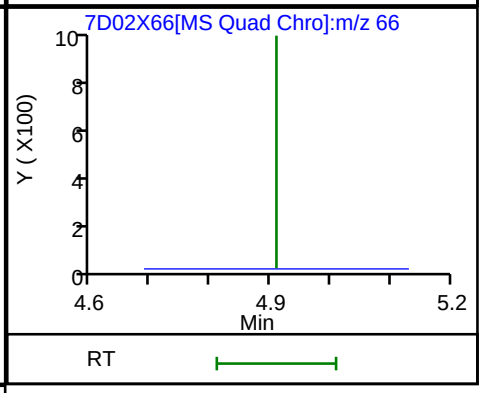
9 Chloroethane, CAS: 75-00-3

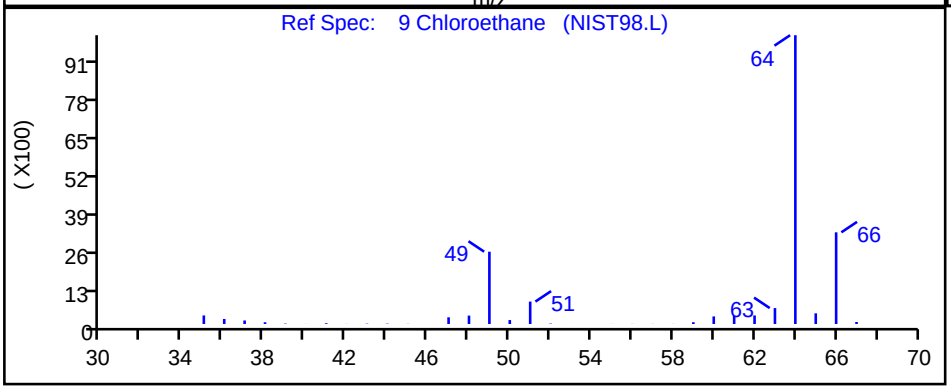
Processing Results











RT	Mass	Response	Amount
4.88	64.00	1684	0.126728
4.91	66.00	0	

Reviewer: JXC9, 03-Dec-2025 16:19:11 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Natalia Barragan-Valderrama
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 11/5/2025 4:28:55 PM

JOB DESCRIPTION

EMGPRP-31097

JOB NUMBER

410-248624-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

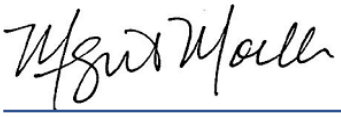
my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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11/5/2025 4:28:55 PM

Authorized for release by
Megan Moeller, Client Services Manager
Megan.Moeller@et.eurofinsus.com
(717)556-7261

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

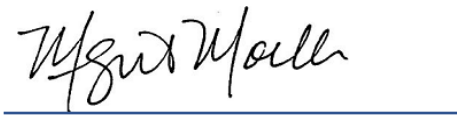


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Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-248624-1	RCS-Aeration Tank Air	Air	10/21/25 08:54	10/21/25 19:25	Air Canister (1-Liter) #2028
410-248624-2	RCS-Lead Carbon Effluent	Air	10/21/25 08:56	10/21/25 19:25	Air Canister (1-Liter) #2074
410-248624-3	RCS-Lag Carbon Effluent	Air	10/21/25 08:58	10/21/25 19:25	Air Canister (1-Liter) #2059
410-248624-4	RCS-Combined Influent	Air	10/21/25 09:00	10/21/25 19:25	Air Canister (1-Liter) #2058
410-248624-5	RCS-Before Carbon	Air	10/21/25 08:50	10/21/25 19:25	Air Canister (1-Liter) #2123

Job ID: 410-248624-1 Eurofins Lancaster Laboratories Environment

Job Narrative
410-248624-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/21/2025 7:25 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Air - GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Aeration Tank Air

Lab Sample ID: 410-248624-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	28		16	1.4	ug/m3	4		TO-15	Total/NA
1,1-Dichloroethene	25		16	2.2	ug/m3	4		TO-15	Total/NA
1,2,4-Trimethylbenzene	110		39	5.5	ug/m3	4		TO-15	Total/NA
1,2-Dichloroethane	3.5	J	16	1.3	ug/m3	4		TO-15	Total/NA
1,2-Dichloropropane	20		18	2.4	ug/m3	4		TO-15	Total/NA
1,3,5-Trimethylbenzene	49		39	6.3	ug/m3	4		TO-15	Total/NA
1,3-Butadiene	1.8	J	8.8	1.5	ug/m3	4		TO-15	Total/NA
2-Butanone	25		12	2.5	ug/m3	4		TO-15	Total/NA
3-Chloroprene	37		13	2.5	ug/m3	4		TO-15	Total/NA
4-Ethyltoluene	49		20	3.5	ug/m3	4		TO-15	Total/NA
Acetone	120		48	9.5	ug/m3	4		TO-15	Total/NA
Benzene	640		13	1.4	ug/m3	4		TO-15	Total/NA
Chlorobenzene	8.7	J	18	2.4	ug/m3	4		TO-15	Total/NA
Chloroform	110		20	1.8	ug/m3	4		TO-15	Total/NA
cis-1,2-Dichloroethene	2300		160	32	ug/m3	40		TO-15	Total/NA
Ethylbenzene	93		17	3.3	ug/m3	4		TO-15	Total/NA
Heptane	120		16	3.8	ug/m3	4		TO-15	Total/NA
Hexane	230		14	4.2	ug/m3	4		TO-15	Total/NA
Isooctane	78		19	7.5	ug/m3	4		TO-15	Total/NA
m&p-Xylene	350		17	4.5	ug/m3	4		TO-15	Total/NA
Cyclohexane	1400		140	28	ug/m3	40		TO-15	Total/NA
Methyl t-butyl ether	45		14	2.2	ug/m3	4		TO-15	Total/NA
o-Xylene	72		17	3.3	ug/m3	4		TO-15	Total/NA
Tetrachloroethene	8300		540	68	ug/m3	40		TO-15	Total/NA
Toluene	67		15	6.0	ug/m3	4		TO-15	Total/NA
trans-1,2-Dichloroethene	20		16	3.2	ug/m3	4		TO-15	Total/NA
Trichloroethene	880		21	3.9	ug/m3	4		TO-15	Total/NA
Vinyl chloride	330		10	1.2	ug/m3	4		TO-15	Total/NA
Isopropanol	6.1	J	9.8	5.9	ug/m3	4		TO-15	Total/NA
Methyl methacrylate	580		16	2.5	ug/m3	4		TO-15	Total/NA
Propene	24		6.9	2.1	ug/m3	4		TO-15	Total/NA
tert-Butyl alcohol	8.9	J	12	2.5	ug/m3	4		TO-15	Total/NA
Vinyl acetate	9.2	J	14	2.3	ug/m3	4		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.8		4.0	0.36	ppb v/v	4		TO-15	Total/NA
1,1-Dichloroethene	6.4		4.0	0.56	ppb v/v	4		TO-15	Total/NA
1,2,4-Trimethylbenzene	22		8.0	1.1	ppb v/v	4		TO-15	Total/NA
1,2-Dichloroethane	0.87	J	4.0	0.32	ppb v/v	4		TO-15	Total/NA
1,2-Dichloropropane	4.4		4.0	0.52	ppb v/v	4		TO-15	Total/NA
1,3,5-Trimethylbenzene	10		8.0	1.3	ppb v/v	4		TO-15	Total/NA
1,3-Butadiene	0.83	J	4.0	0.68	ppb v/v	4		TO-15	Total/NA
2-Butanone	8.6		4.0	0.84	ppb v/v	4		TO-15	Total/NA
3-Chloroprene	12		4.0	0.80	ppb v/v	4		TO-15	Total/NA
4-Ethyltoluene	9.9		4.0	0.72	ppb v/v	4		TO-15	Total/NA
Acetone	49		20	4.0	ppb v/v	4		TO-15	Total/NA
Benzene	200		4.0	0.44	ppb v/v	4		TO-15	Total/NA
Chlorobenzene	1.9	J	4.0	0.52	ppb v/v	4		TO-15	Total/NA
Chloroform	23		4.0	0.37	ppb v/v	4		TO-15	Total/NA
cis-1,2-Dichloroethene	590		40	8.0	ppb v/v	40		TO-15	Total/NA
Ethylbenzene	21		4.0	0.76	ppb v/v	4		TO-15	Total/NA
Heptane	28		4.0	0.92	ppb v/v	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RCS-Aeration Tank Air (Continued)

Lab Sample ID: 410-248624-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Hexane	65		4.0	1.2	ppb v/v	4		TO-15	Total/NA
Isooctane	17		4.0	1.6	ppb v/v	4		TO-15	Total/NA
m&p-Xylene	82		4.0	1.0	ppb v/v	4		TO-15	Total/NA
Cyclohexane	410		40	8.0	ppb v/v	40		TO-15	Total/NA
Methyl t-butyl ether	13		4.0	0.60	ppb v/v	4		TO-15	Total/NA
o-Xylene	17		4.0	0.76	ppb v/v	4		TO-15	Total/NA
Tetrachloroethene	1200		80	10	ppb v/v	40		TO-15	Total/NA
Toluene	18		4.0	1.6	ppb v/v	4		TO-15	Total/NA
trans-1,2-Dichloroethene	5.1		4.0	0.80	ppb v/v	4		TO-15	Total/NA
Trichloroethene	160		4.0	0.72	ppb v/v	4		TO-15	Total/NA
Vinyl chloride	130		4.0	0.48	ppb v/v	4		TO-15	Total/NA
Isopropanol	2.5	J	4.0	2.4	ppb v/v	4		TO-15	Total/NA
Methyl methacrylate	140		4.0	0.60	ppb v/v	4		TO-15	Total/NA
Propene	14		4.0	1.2	ppb v/v	4		TO-15	Total/NA
tert-Butyl alcohol	2.9	J	4.0	0.84	ppb v/v	4		TO-15	Total/NA
Vinyl acetate	2.6	J	4.0	0.64	ppb v/v	4		TO-15	Total/NA

Client Sample ID: RCS-Lead Carbon Effluent

Lab Sample ID: 410-248624-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.9	J	40	3.6	ug/m3	10		TO-15	Total/NA
1,2-Dichloroethane	15	J	40	3.2	ug/m3	10		TO-15	Total/NA
Acetone	40	J	120	24	ug/m3	10		TO-15	Total/NA
Benzene	86		32	3.5	ug/m3	10		TO-15	Total/NA
Chloroform	11	J	49	4.5	ug/m3	10		TO-15	Total/NA
cis-1,2-Dichloroethene	410		40	7.9	ug/m3	10		TO-15	Total/NA
Heptane	12	J	41	9.4	ug/m3	10		TO-15	Total/NA
Hexane	94		35	11	ug/m3	10		TO-15	Total/NA
Cyclohexane	380		34	6.9	ug/m3	10		TO-15	Total/NA
Methyl t-butyl ether	54		36	5.4	ug/m3	10		TO-15	Total/NA
Tetrachloroethene	290		140	17	ug/m3	10		TO-15	Total/NA
Trichloroethene	170		54	9.7	ug/m3	10		TO-15	Total/NA
Vinyl chloride	31		26	3.1	ug/m3	10		TO-15	Total/NA
Propene	15	J	17	5.2	ug/m3	10		TO-15	Total/NA
tert-Butyl alcohol	38		30	6.4	ug/m3	10		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.2	J	10	0.89	ppb v/v	10		TO-15	Total/NA
1,2-Dichloroethane	3.8	J	10	0.80	ppb v/v	10		TO-15	Total/NA
Acetone	17	J	50	10	ppb v/v	10		TO-15	Total/NA
Benzene	27		10	1.1	ppb v/v	10		TO-15	Total/NA
Chloroform	2.3	J	10	0.92	ppb v/v	10		TO-15	Total/NA
cis-1,2-Dichloroethene	100		10	2.0	ppb v/v	10		TO-15	Total/NA
Heptane	2.8	J	10	2.3	ppb v/v	10		TO-15	Total/NA
Hexane	27		10	3.0	ppb v/v	10		TO-15	Total/NA
Cyclohexane	110		10	2.0	ppb v/v	10		TO-15	Total/NA
Methyl t-butyl ether	15		10	1.5	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene	43		20	2.5	ppb v/v	10		TO-15	Total/NA
Trichloroethene	32		10	1.8	ppb v/v	10		TO-15	Total/NA
Vinyl chloride	12		10	1.2	ppb v/v	10		TO-15	Total/NA
Propene	8.4	J	10	3.0	ppb v/v	10		TO-15	Total/NA
tert-Butyl alcohol	12		10	2.1	ppb v/v	10		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RCS-Lag Carbon Effluent — Lab Sample ID: 410-248624-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.4	J	16	1.4	ug/m3	4		TO-15	Total/NA
1,2-Dichloroethane	7.2	J	16	1.3	ug/m3	4		TO-15	Total/NA
3-Chloroprene	2.5	J	13	2.5	ug/m3	4		TO-15	Total/NA
Acetone	69		48	9.5	ug/m3	4		TO-15	Total/NA
cis-1,2-Dichloroethene	470		16	3.2	ug/m3	4		TO-15	Total/NA
Hexane	5.7	J	14	4.2	ug/m3	4		TO-15	Total/NA
Cyclohexane	220		14	2.8	ug/m3	4		TO-15	Total/NA
Methyl t-butyl ether	13	J	14	2.2	ug/m3	4		TO-15	Total/NA
Tetrachloroethene	23	J	54	6.8	ug/m3	4		TO-15	Total/NA
trans-1,2-Dichloroethene	3.2	J	16	3.2	ug/m3	4		TO-15	Total/NA
Vinyl chloride	18		10	1.2	ug/m3	4		TO-15	Total/NA
Propene	3.2	J	6.9	2.1	ug/m3	4		TO-15	Total/NA
Tetrahydrofuran	7.6	J	12	2.8	ug/m3	4		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.3	J	4.0	0.36	ppb v/v	4		TO-15	Total/NA
1,2-Dichloroethane	1.8	J	4.0	0.32	ppb v/v	4		TO-15	Total/NA
3-Chloroprene	0.80	J	4.0	0.80	ppb v/v	4		TO-15	Total/NA
Acetone	29		20	4.0	ppb v/v	4		TO-15	Total/NA
cis-1,2-Dichloroethene	120		4.0	0.80	ppb v/v	4		TO-15	Total/NA
Hexane	1.6	J	4.0	1.2	ppb v/v	4		TO-15	Total/NA
Cyclohexane	65		4.0	0.80	ppb v/v	4		TO-15	Total/NA
Methyl t-butyl ether	3.7	J	4.0	0.60	ppb v/v	4		TO-15	Total/NA
Tetrachloroethene	3.3	J	8.0	1.0	ppb v/v	4		TO-15	Total/NA
trans-1,2-Dichloroethene	0.81	J	4.0	0.80	ppb v/v	4		TO-15	Total/NA
Vinyl chloride	7.2		4.0	0.48	ppb v/v	4		TO-15	Total/NA
Propene	1.9	J	4.0	1.2	ppb v/v	4		TO-15	Total/NA
Tetrahydrofuran	2.6	J	4.0	0.96	ppb v/v	4		TO-15	Total/NA

Client Sample ID: RCS-Combined Influent — Lab Sample ID: 410-248624-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloroethane	27	J	55	6.5	ug/m3	10		TO-15	Total/NA
1,1-Dichloroethane	5.7	J	40	3.6	ug/m3	10		TO-15	Total/NA
1,2,4-Trimethylbenzene	14	J	98	14	ug/m3	10		TO-15	Total/NA
Acetone	68	J	120	24	ug/m3	10		TO-15	Total/NA
Benzene	62		32	3.5	ug/m3	10		TO-15	Total/NA
cis-1,2-Dichloroethene	480		40	7.9	ug/m3	10		TO-15	Total/NA
Ethylbenzene	10	J	43	8.3	ug/m3	10		TO-15	Total/NA
Heptane	13	J	41	9.4	ug/m3	10		TO-15	Total/NA
Hexane	26	J	35	11	ug/m3	10		TO-15	Total/NA
m&p-Xylene	38	J	43	11	ug/m3	10		TO-15	Total/NA
Cyclohexane	120		34	6.9	ug/m3	10		TO-15	Total/NA
Methyl t-butyl ether	33	J	36	5.4	ug/m3	10		TO-15	Total/NA
o-Xylene	10	J	43	8.3	ug/m3	10		TO-15	Total/NA
Tetrachloroethene	1100		140	17	ug/m3	10		TO-15	Total/NA
Trichloroethene	150		54	9.7	ug/m3	10		TO-15	Total/NA
Vinyl chloride	33		26	3.1	ug/m3	10		TO-15	Total/NA
Propene	5.8	J	17	5.2	ug/m3	10		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloroethane	4.9	J	10	1.2	ppb v/v	10		TO-15	Total/NA
1,1-Dichloroethane	1.4	J	10	0.89	ppb v/v	10		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RCS-Combined Influent (Continued)

Lab Sample ID: 410-248624-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.8	J	20	2.8	ppb v/v	10		TO-15	Total/NA
Acetone	29	J	50	10	ppb v/v	10		TO-15	Total/NA
Benzene	19		10	1.1	ppb v/v	10		TO-15	Total/NA
cis-1,2-Dichloroethene	120		10	2.0	ppb v/v	10		TO-15	Total/NA
Ethylbenzene	2.3	J	10	1.9	ppb v/v	10		TO-15	Total/NA
Heptane	3.2	J	10	2.3	ppb v/v	10		TO-15	Total/NA
Hexane	7.5	J	10	3.0	ppb v/v	10		TO-15	Total/NA
m&p-Xylene	8.7	J	10	2.6	ppb v/v	10		TO-15	Total/NA
Cyclohexane	34		10	2.0	ppb v/v	10		TO-15	Total/NA
Methyl t-butyl ether	9.1	J	10	1.5	ppb v/v	10		TO-15	Total/NA
o-Xylene	2.4	J	10	1.9	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene	160		20	2.5	ppb v/v	10		TO-15	Total/NA
Trichloroethene	28		10	1.8	ppb v/v	10		TO-15	Total/NA
Vinyl chloride	13		10	1.2	ppb v/v	10		TO-15	Total/NA
Propene	3.4	J	10	3.0	ppb v/v	10		TO-15	Total/NA

Client Sample ID: RCS-Before Carbon

Lab Sample ID: 410-248624-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	75	J	130	14	ug/m3	40		TO-15	Total/NA
cis-1,2-Dichloroethene	490		160	32	ug/m3	40		TO-15	Total/NA
m&p-Xylene	45	J	170	45	ug/m3	40		TO-15	Total/NA
Cyclohexane	140		140	28	ug/m3	40		TO-15	Total/NA
Methyl t-butyl ether	31	J	140	22	ug/m3	40		TO-15	Total/NA
Tetrachloroethene	1200		540	68	ug/m3	40		TO-15	Total/NA
Trichloroethene	160	J	210	39	ug/m3	40		TO-15	Total/NA
Vinyl chloride	35	J	100	12	ug/m3	40		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	23	J	40	4.4	ppb v/v	40		TO-15	Total/NA
cis-1,2-Dichloroethene	120		40	8.0	ppb v/v	40		TO-15	Total/NA
m&p-Xylene	10	J	40	10	ppb v/v	40		TO-15	Total/NA
Cyclohexane	41		40	8.0	ppb v/v	40		TO-15	Total/NA
Methyl t-butyl ether	8.6	J	40	6.0	ppb v/v	40		TO-15	Total/NA
Tetrachloroethene	180		80	10	ppb v/v	40		TO-15	Total/NA
Trichloroethene	31	J	40	7.2	ppb v/v	40		TO-15	Total/NA
Vinyl chloride	14	J	40	4.8	ppb v/v	40		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Aeration Tank Air
Date Collected: 10/21/25 08:54
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248624-1
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		22	2.6	ug/m3			11/04/25 13:34	4
1,1,2,2-Tetrachloroethane	ND		27	4.1	ug/m3			11/04/25 13:34	4
1,1,2-Trichloroethane	ND		22	2.6	ug/m3			11/04/25 13:34	4
1,1-Dichloroethane	**28**		16	1.4	ug/m3			11/04/25 13:34	4
1,1-Dichloroethene	**25**		16	2.2	ug/m3			11/04/25 13:34	4
1,2,4-Trichlorobenzene	ND		59	15	ug/m3			11/04/25 13:34	4
1,2,4-Trimethylbenzene	**110**		39	5.5	ug/m3			11/04/25 13:34	4
1,2-Dibromoethane	ND		31	4.0	ug/m3			11/04/25 13:34	4
1,2-Dichlorobenzene	ND		24	4.8	ug/m3			11/04/25 13:34	4
1,2-Dichloroethane	**3.5**	**J**	16	1.3	ug/m3			11/04/25 13:34	4
1,2-Dichloropropane	**20**		18	2.4	ug/m3			11/04/25 13:34	4
1,3,5-Trimethylbenzene	**49**		39	6.3	ug/m3			11/04/25 13:34	4
1,3-Butadiene	**1.8**	**J**	8.8	1.5	ug/m3			11/04/25 13:34	4
1,3-Dichlorobenzene	ND		24	7.2	ug/m3			11/04/25 13:34	4
1,4-Dichlorobenzene	ND		24	7.2	ug/m3			11/04/25 13:34	4
2-Butanone	**25**		12	2.5	ug/m3			11/04/25 13:34	4
2-Hexanone	ND		33	8.2	ug/m3			11/04/25 13:34	4
3-Chloroprene	**37**		13	2.5	ug/m3			11/04/25 13:34	4
4-Ethyltoluene	**49**		20	3.5	ug/m3			11/04/25 13:34	4
1,4-Dioxane	ND		14	2.5	ug/m3			11/04/25 13:34	4
4-Methyl-2-pentanone	ND		16	2.5	ug/m3			11/04/25 13:34	4
Acetone	**120**		48	9.5	ug/m3			11/04/25 13:34	4
2-Chlorotoluene	ND		21	4.6	ug/m3			11/04/25 13:34	4
Benzene	**640**		13	1.4	ug/m3			11/04/25 13:34	4
Bromodichloromethane	ND		27	11	ug/m3			11/04/25 13:34	4
Bromoform	ND		41	17	ug/m3			11/04/25 13:34	4
Bromomethane	ND		16	3.1	ug/m3			11/04/25 13:34	4
Carbon disulfide	ND		12	5.0	ug/m3			11/04/25 13:34	4
Carbon tetrachloride	ND		25	3.5	ug/m3			11/04/25 13:34	4
Chlorobenzene	**8.7**	**J**	18	2.4	ug/m3			11/04/25 13:34	4
Chloroethane	ND		11	3.2	ug/m3			11/04/25 13:34	4
Chloroform	**110**		20	1.8	ug/m3			11/04/25 13:34	4
Benzyl chloride	ND		41	6.2	ug/m3			11/04/25 13:34	4
Chloromethane	ND		8.3	3.3	ug/m3			11/04/25 13:34	4
cis-1,2-Dichloroethene	**2300**		160	32	ug/m3			11/04/25 15:21	40
cis-1,3-Dichloropropene	ND		18	1.8	ug/m3			11/04/25 13:34	4
Bromoethene	ND		17	3.1	ug/m3			11/04/25 13:34	4
Dibromochloromethane	ND		34	14	ug/m3			11/04/25 13:34	4
Dichlorodifluoromethane	ND		20	2.6	ug/m3			11/04/25 13:34	4
Ethylbenzene	**93**		17	3.3	ug/m3			11/04/25 13:34	4
Freon 113	ND		31	6.1	ug/m3			11/04/25 13:34	4
Freon-114	ND		28	3.4	ug/m3			11/04/25 13:34	4
Heptane	**120**		16	3.8	ug/m3			11/04/25 13:34	4
Hexane	**230**		14	4.2	ug/m3			11/04/25 13:34	4
Isooctane	**78**		19	7.5	ug/m3			11/04/25 13:34	4
m&p-Xylene	**350**		17	4.5	ug/m3			11/04/25 13:34	4
Cyclohexane	**1400**		140	28	ug/m3			11/04/25 15:21	40
Methyl t-butyl ether	**45**		14	2.2	ug/m3			11/04/25 13:34	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Aeration Tank Air
Date Collected: 10/21/25 08:54
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248624-1
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		28	3.5	ug/m3			11/04/25 13:34	4
o-Xylene	**72**		17	3.3	ug/m3			11/04/25 13:34	4
Styrene	ND		17	3.4	ug/m3			11/04/25 13:34	4
Ethanol	ND		38	15	ug/m3			11/04/25 13:34	4
Tetrachloroethene	**8300**		540	68	ug/m3			11/04/25 15:21	40
Ethyl acetate	ND		29	3.6	ug/m3			11/04/25 13:34	4
Toluene	**67**		15	6.0	ug/m3			11/04/25 13:34	4
trans-1,2-Dichloroethene	**20**		16	3.2	ug/m3			11/04/25 13:34	4
trans-1,3-Dichloropropene	ND		18	2.2	ug/m3			11/04/25 13:34	4
Trichloroethene	**880**		21	3.9	ug/m3			11/04/25 13:34	4
Trichlorofluoromethane	ND		22	3.4	ug/m3			11/04/25 13:34	4
Vinyl chloride	**330**		10	1.2	ug/m3			11/04/25 13:34	4
Hexachlorobutadiene	ND		85	20	ug/m3			11/04/25 13:34	4
Isopropanol	**6.1**	**J**	9.8	5.9	ug/m3			11/04/25 13:34	4
Methyl methacrylate	**580**		16	2.5	ug/m3			11/04/25 13:34	4
Propene	**24**		6.9	2.1	ug/m3			11/04/25 13:34	4
tert-Butyl alcohol	**8.9**	**J**	12	2.5	ug/m3			11/04/25 13:34	4
Tetrahydrofuran	ND		12	2.8	ug/m3			11/04/25 13:34	4
Vinyl acetate	**9.2**	**J**	14	2.3	ug/m3			11/04/25 13:34	4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	0.48	ppb v/v			11/04/25 13:34	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.60	ppb v/v			11/04/25 13:34	4
1,1,2-Trichloroethane	ND		4.0	0.48	ppb v/v			11/04/25 13:34	4
1,1-Dichloroethane	**6.8**		4.0	0.36	ppb v/v			11/04/25 13:34	4
1,1-Dichloroethene	**6.4**		4.0	0.56	ppb v/v			11/04/25 13:34	4
1,2,4-Trichlorobenzene	ND		8.0	2.0	ppb v/v			11/04/25 13:34	4
1,2,4-Trimethylbenzene	**22**		8.0	1.1	ppb v/v			11/04/25 13:34	4
1,2-Dibromoethane	ND		4.0	0.52	ppb v/v			11/04/25 13:34	4
1,2-Dichlorobenzene	ND		4.0	0.80	ppb v/v			11/04/25 13:34	4
1,2-Dichloroethane	**0.87**	**J**	4.0	0.32	ppb v/v			11/04/25 13:34	4
1,2-Dichloropropane	**4.4**		4.0	0.52	ppb v/v			11/04/25 13:34	4
1,3,5-Trimethylbenzene	**10**		8.0	1.3	ppb v/v			11/04/25 13:34	4
1,3-Butadiene	**0.83**	**J**	4.0	0.68	ppb v/v			11/04/25 13:34	4
1,3-Dichlorobenzene	ND		4.0	1.2	ppb v/v			11/04/25 13:34	4
1,4-Dichlorobenzene	ND		4.0	1.2	ppb v/v			11/04/25 13:34	4
2-Butanone	**8.6**		4.0	0.84	ppb v/v			11/04/25 13:34	4
2-Hexanone	ND		8.0	2.0	ppb v/v			11/04/25 13:34	4
3-Chloroprene	**12**		4.0	0.80	ppb v/v			11/04/25 13:34	4
4-Ethyltoluene	**9.9**		4.0	0.72	ppb v/v			11/04/25 13:34	4
1,4-Dioxane	ND		4.0	0.68	ppb v/v			11/04/25 13:34	4
4-Methyl-2-pentanone	ND		4.0	0.60	ppb v/v			11/04/25 13:34	4
Acetone	**49**		20	4.0	ppb v/v			11/04/25 13:34	4
2-Chlorotoluene	ND		4.0	0.88	ppb v/v			11/04/25 13:34	4
Benzene	**200**		4.0	0.44	ppb v/v			11/04/25 13:34	4
Bromodichloromethane	ND		4.0	1.6	ppb v/v			11/04/25 13:34	4
Bromoform	ND		4.0	1.6	ppb v/v			11/04/25 13:34	4
Bromomethane	ND		4.0	0.80	ppb v/v			11/04/25 13:34	4
Carbon disulfide	ND		4.0	1.6	ppb v/v			11/04/25 13:34	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Aeration Tank Air
Date Collected: 10/21/25 08:54
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248624-1
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.0	0.56	ppb v/v			11/04/25 13:34	4
Chlorobenzene	**1.9**	**J**	4.0	0.52	ppb v/v			11/04/25 13:34	4
Chloroethane	ND		4.0	1.2	ppb v/v			11/04/25 13:34	4
Chloroform	**23**		4.0	0.37	ppb v/v			11/04/25 13:34	4
Benzyl chloride	ND		8.0	1.2	ppb v/v			11/04/25 13:34	4
Chloromethane	ND		4.0	1.6	ppb v/v			11/04/25 13:34	4
cis-1,2-Dichloroethene	**590**		40	8.0	ppb v/v			11/04/25 15:21	40
cis-1,3-Dichloropropene	ND		4.0	0.40	ppb v/v			11/04/25 13:34	4
Bromoethene	ND		4.0	0.72	ppb v/v			11/04/25 13:34	4
Dibromochloromethane	ND		4.0	1.6	ppb v/v			11/04/25 13:34	4
Dichlorodifluoromethane	ND		4.0	0.52	ppb v/v			11/04/25 13:34	4
Ethylbenzene	**21**		4.0	0.76	ppb v/v			11/04/25 13:34	4
Freon 113	ND		4.0	0.80	ppb v/v			11/04/25 13:34	4
Freon-114	ND		4.0	0.48	ppb v/v			11/04/25 13:34	4
Heptane	**28**		4.0	0.92	ppb v/v			11/04/25 13:34	4
Hexane	**65**		4.0	1.2	ppb v/v			11/04/25 13:34	4
Isooctane	**17**		4.0	1.6	ppb v/v			11/04/25 13:34	4
m&p-Xylene	**82**		4.0	1.0	ppb v/v			11/04/25 13:34	4
Cyclohexane	**410**		40	8.0	ppb v/v			11/04/25 15:21	40
Methyl t-butyl ether	**13**		4.0	0.60	ppb v/v			11/04/25 13:34	4
Methylene Chloride	ND		8.0	1.0	ppb v/v			11/04/25 13:34	4
o-Xylene	**17**		4.0	0.76	ppb v/v			11/04/25 13:34	4
Styrene	ND		4.0	0.80	ppb v/v			11/04/25 13:34	4
Ethanol	ND		20	8.0	ppb v/v			11/04/25 13:34	4
Tetrachloroethene	**1200**		80	10	ppb v/v			11/04/25 15:21	40
Ethyl acetate	ND		8.0	1.0	ppb v/v			11/04/25 13:34	4
Toluene	**18**		4.0	1.6	ppb v/v			11/04/25 13:34	4
trans-1,2-Dichloroethene	**5.1**		4.0	0.80	ppb v/v			11/04/25 13:34	4
trans-1,3-Dichloropropene	ND		4.0	0.48	ppb v/v			11/04/25 13:34	4
Trichloroethene	**160**		4.0	0.72	ppb v/v			11/04/25 13:34	4
Trichlorofluoromethane	ND		4.0	0.60	ppb v/v			11/04/25 13:34	4
Vinyl chloride	**130**		4.0	0.48	ppb v/v			11/04/25 13:34	4
Hexachlorobutadiene	ND		8.0	1.9	ppb v/v			11/04/25 13:34	4
Isopropanol	**2.5**	**J**	4.0	2.4	ppb v/v			11/04/25 13:34	4
Methyl methacrylate	**140**		4.0	0.60	ppb v/v			11/04/25 13:34	4
Propene	**14**		4.0	1.2	ppb v/v			11/04/25 13:34	4
tert-Butyl alcohol	**2.9**	**J**	4.0	0.84	ppb v/v			11/04/25 13:34	4
Tetrahydrofuran	ND		4.0	0.96	ppb v/v			11/04/25 13:34	4
Vinyl acetate	**2.6**	**J**	4.0	0.64	ppb v/v			11/04/25 13:34	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Lead Carbon Effluent
Lab Sample ID: 410-248624-2
Date Collected: 10/21/25 08:56
Matrix: Air
Date Received: 10/21/25 19:25
Sample Time: 0 Min
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		55	6.5	ug/m3			11/04/25 13:56	10
1,1,2,2-Tetrachloroethane	ND		69	10	ug/m3			11/04/25 13:56	10
1,1,2-Trichloroethane	ND		55	6.5	ug/m3			11/04/25 13:56	10
1,1-Dichloroethane	**4.9**	**J**	40	3.6	ug/m3			11/04/25 13:56	10
1,1-Dichloroethene	ND		40	5.6	ug/m3			11/04/25 13:56	10
1,2,4-Trichlorobenzene	ND		150	37	ug/m3			11/04/25 13:56	10
1,2,4-Trimethylbenzene	ND		98	14	ug/m3			11/04/25 13:56	10
1,2-Dibromoethane	ND		77	10	ug/m3			11/04/25 13:56	10
1,2-Dichlorobenzene	ND		60	12	ug/m3			11/04/25 13:56	10
1,2-Dichloroethane	**15**	**J**	40	3.2	ug/m3			11/04/25 13:56	10
1,2-Dichloropropane	ND		46	6.0	ug/m3			11/04/25 13:56	10
1,3,5-Trimethylbenzene	ND		98	16	ug/m3			11/04/25 13:56	10
1,3-Butadiene	ND		22	3.8	ug/m3			11/04/25 13:56	10
1,3-Dichlorobenzene	ND		60	18	ug/m3			11/04/25 13:56	10
1,4-Dichlorobenzene	ND		60	18	ug/m3			11/04/25 13:56	10
2-Butanone	ND		29	6.2	ug/m3			11/04/25 13:56	10
2-Hexanone	ND		82	20	ug/m3			11/04/25 13:56	10
3-Chloroprene	ND		31	6.3	ug/m3			11/04/25 13:56	10
4-Ethyltoluene	ND		49	8.8	ug/m3			11/04/25 13:56	10
1,4-Dioxane	ND		36	6.1	ug/m3			11/04/25 13:56	10
4-Methyl-2-pentanone	ND		41	6.1	ug/m3			11/04/25 13:56	10
Acetone	**40**	**J**	120	24	ug/m3			11/04/25 13:56	10
2-Chlorotoluene	ND		52	11	ug/m3			11/04/25 13:56	10
Benzene	**86**		32	3.5	ug/m3			11/04/25 13:56	10
Bromodichloromethane	ND		67	27	ug/m3			11/04/25 13:56	10
Bromoform	ND		100	41	ug/m3			11/04/25 13:56	10
Bromomethane	ND		39	7.8	ug/m3			11/04/25 13:56	10
Carbon disulfide	ND		31	12	ug/m3			11/04/25 13:56	10
Carbon tetrachloride	ND		63	8.8	ug/m3			11/04/25 13:56	10
Chlorobenzene	ND		46	6.0	ug/m3			11/04/25 13:56	10
Chloroethane	ND		26	7.9	ug/m3			11/04/25 13:56	10
Chloroform	**11**	**J**	49	4.5	ug/m3			11/04/25 13:56	10
Benzyl chloride	ND		100	16	ug/m3			11/04/25 13:56	10
Chloromethane	ND		21	8.3	ug/m3			11/04/25 13:56	10
cis-1,2-Dichloroethene	**410**		40	7.9	ug/m3			11/04/25 13:56	10
cis-1,3-Dichloropropene	ND		45	4.5	ug/m3			11/04/25 13:56	10
Bromoethene	ND		44	7.9	ug/m3			11/04/25 13:56	10
Dibromochloromethane	ND		85	34	ug/m3			11/04/25 13:56	10
Dichlorodifluoromethane	ND		49	6.4	ug/m3			11/04/25 13:56	10
Ethylbenzene	ND		43	8.3	ug/m3			11/04/25 13:56	10
Freon 113	ND		77	15	ug/m3			11/04/25 13:56	10
Freon-114	ND		70	8.4	ug/m3			11/04/25 13:56	10
Heptane	**12**	**J**	41	9.4	ug/m3			11/04/25 13:56	10
Hexane	**94**		35	11	ug/m3			11/04/25 13:56	10
Isooctane	ND		47	19	ug/m3			11/04/25 13:56	10
m&p-Xylene	ND		43	11	ug/m3			11/04/25 13:56	10
Cyclohexane	**380**		34	6.9	ug/m3			11/04/25 13:56	10
Methyl t-butyl ether	**54**		36	5.4	ug/m3			11/04/25 13:56	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Lead Carbon Effluent
Lab Sample ID: 410-248624-2
Date Collected: 10/21/25 08:56
Matrix: Air
Date Received: 10/21/25 19:25
Sample Time: 0 Min
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		69	8.7	ug/m3			11/04/25 13:56	10
o-Xylene	ND		43	8.3	ug/m3			11/04/25 13:56	10
Styrene	ND		43	8.5	ug/m3			11/04/25 13:56	10
Ethanol	ND		94	38	ug/m3			11/04/25 13:56	10
Tetrachloroethene	**290**		140	17	ug/m3			11/04/25 13:56	10
Ethyl acetate	ND		72	9.0	ug/m3			11/04/25 13:56	10
Toluene	ND		38	15	ug/m3			11/04/25 13:56	10
trans-1,2-Dichloroethene	ND		40	7.9	ug/m3			11/04/25 13:56	10
trans-1,3-Dichloropropene	ND		45	5.4	ug/m3			11/04/25 13:56	10
Trichloroethene	**170**		54	9.7	ug/m3			11/04/25 13:56	10
Trichlorofluoromethane	ND		56	8.4	ug/m3			11/04/25 13:56	10
Vinyl chloride	**31**		26	3.1	ug/m3			11/04/25 13:56	10
Hexachlorobutadiene	ND		210	50	ug/m3			11/04/25 13:56	10
Isopropanol	ND		25	15	ug/m3			11/04/25 13:56	10
Methyl methacrylate	ND		41	6.1	ug/m3			11/04/25 13:56	10
Propene	**15**	**J**	17	5.2	ug/m3			11/04/25 13:56	10
tert-Butyl alcohol	**38**		30	6.4	ug/m3			11/04/25 13:56	10
Tetrahydrofuran	ND		29	7.1	ug/m3			11/04/25 13:56	10
Vinyl acetate	ND		35	5.6	ug/m3			11/04/25 13:56	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	1.2	ppb v/v			11/04/25 13:56	10
1,1,2,2-Tetrachloroethane	ND		10	1.5	ppb v/v			11/04/25 13:56	10
1,1,2-Trichloroethane	ND		10	1.2	ppb v/v			11/04/25 13:56	10
1,1-Dichloroethane	**1.2**	**J**	10	0.89	ppb v/v			11/04/25 13:56	10
1,1-Dichloroethene	ND		10	1.4	ppb v/v			11/04/25 13:56	10
1,2,4-Trichlorobenzene	ND		20	5.0	ppb v/v			11/04/25 13:56	10
1,2,4-Trimethylbenzene	ND		20	2.8	ppb v/v			11/04/25 13:56	10
1,2-Dibromoethane	ND		10	1.3	ppb v/v			11/04/25 13:56	10
1,2-Dichlorobenzene	ND		10	2.0	ppb v/v			11/04/25 13:56	10
1,2-Dichloroethane	**3.8**	**J**	10	0.80	ppb v/v			11/04/25 13:56	10
1,2-Dichloropropane	ND		10	1.3	ppb v/v			11/04/25 13:56	10
1,3,5-Trimethylbenzene	ND		20	3.2	ppb v/v			11/04/25 13:56	10
1,3-Butadiene	ND		10	1.7	ppb v/v			11/04/25 13:56	10
1,3-Dichlorobenzene	ND		10	3.0	ppb v/v			11/04/25 13:56	10
1,4-Dichlorobenzene	ND		10	3.0	ppb v/v			11/04/25 13:56	10
2-Butanone	ND		10	2.1	ppb v/v			11/04/25 13:56	10
2-Hexanone	ND		20	5.0	ppb v/v			11/04/25 13:56	10
3-Chloroprene	ND		10	2.0	ppb v/v			11/04/25 13:56	10
4-Ethyltoluene	ND		10	1.8	ppb v/v			11/04/25 13:56	10
1,4-Dioxane	ND		10	1.7	ppb v/v			11/04/25 13:56	10
4-Methyl-2-pentanone	ND		10	1.5	ppb v/v			11/04/25 13:56	10
Acetone	**17**	**J**	50	10	ppb v/v			11/04/25 13:56	10
2-Chlorotoluene	ND		10	2.2	ppb v/v			11/04/25 13:56	10
Benzene	**27**		10	1.1	ppb v/v			11/04/25 13:56	10
Bromodichloromethane	ND		10	4.0	ppb v/v			11/04/25 13:56	10
Bromoform	ND		10	4.0	ppb v/v			11/04/25 13:56	10
Bromomethane	ND		10	2.0	ppb v/v			11/04/25 13:56	10
Carbon disulfide	ND		10	4.0	ppb v/v			11/04/25 13:56	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Lead Carbon Effluent
Lab Sample ID: 410-248624-2
Date Collected: 10/21/25 08:56
Matrix: Air
Date Received: 10/21/25 19:25
Sample Time: 0 Min
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		10	1.4	ppb v/v			11/04/25 13:56	10
Chlorobenzene	ND		10	1.3	ppb v/v			11/04/25 13:56	10
Chloroethane	ND		10	3.0	ppb v/v			11/04/25 13:56	10
Chloroform	**2.3**	**J**	10	0.92	ppb v/v			11/04/25 13:56	10
Benzyl chloride	ND		20	3.0	ppb v/v			11/04/25 13:56	10
Chloromethane	ND		10	4.0	ppb v/v			11/04/25 13:56	10
cis-1,2-Dichloroethene	**100**		10	2.0	ppb v/v			11/04/25 13:56	10
cis-1,3-Dichloropropene	ND		10	1.0	ppb v/v			11/04/25 13:56	10
Bromoethene	ND		10	1.8	ppb v/v			11/04/25 13:56	10
Dibromochloromethane	ND		10	4.0	ppb v/v			11/04/25 13:56	10
Dichlorodifluoromethane	ND		10	1.3	ppb v/v			11/04/25 13:56	10
Ethylbenzene	ND		10	1.9	ppb v/v			11/04/25 13:56	10
Freon 113	ND		10	2.0	ppb v/v			11/04/25 13:56	10
Freon-114	ND		10	1.2	ppb v/v			11/04/25 13:56	10
Heptane	**2.8**	**J**	10	2.3	ppb v/v			11/04/25 13:56	10
Hexane	**27**		10	3.0	ppb v/v			11/04/25 13:56	10
Isooctane	ND		10	4.0	ppb v/v			11/04/25 13:56	10
m&p-Xylene	ND		10	2.6	ppb v/v			11/04/25 13:56	10
Cyclohexane	**110**		10	2.0	ppb v/v			11/04/25 13:56	10
Methyl t-butyl ether	**15**		10	1.5	ppb v/v			11/04/25 13:56	10
Methylene Chloride	ND		20	2.5	ppb v/v			11/04/25 13:56	10
o-Xylene	ND		10	1.9	ppb v/v			11/04/25 13:56	10
Styrene	ND		10	2.0	ppb v/v			11/04/25 13:56	10
Ethanol	ND		50	20	ppb v/v			11/04/25 13:56	10
Tetrachloroethene	**43**		20	2.5	ppb v/v			11/04/25 13:56	10
Ethyl acetate	ND		20	2.5	ppb v/v			11/04/25 13:56	10
Toluene	ND		10	4.0	ppb v/v			11/04/25 13:56	10
trans-1,2-Dichloroethene	ND		10	2.0	ppb v/v			11/04/25 13:56	10
trans-1,3-Dichloropropene	ND		10	1.2	ppb v/v			11/04/25 13:56	10
Trichloroethene	**32**		10	1.8	ppb v/v			11/04/25 13:56	10
Trichlorofluoromethane	ND		10	1.5	ppb v/v			11/04/25 13:56	10
Vinyl chloride	**12**		10	1.2	ppb v/v			11/04/25 13:56	10
Hexachlorobutadiene	ND		20	4.7	ppb v/v			11/04/25 13:56	10
Isopropanol	ND		10	6.0	ppb v/v			11/04/25 13:56	10
Methyl methacrylate	ND		10	1.5	ppb v/v			11/04/25 13:56	10
Propene	**8.4**	**J**	10	3.0	ppb v/v			11/04/25 13:56	10
tert-Butyl alcohol	**12**		10	2.1	ppb v/v			11/04/25 13:56	10
Tetrahydrofuran	ND		10	2.4	ppb v/v			11/04/25 13:56	10
Vinyl acetate	ND		10	1.6	ppb v/v			11/04/25 13:56	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Lag Carbon Effluent
Lab Sample ID: 410-248624-3
Date Collected: 10/21/25 08:58
Matrix: Air
Date Received: 10/21/25 19:25
Sample Time: 0 Min
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		22	2.6	ug/m3			11/04/25 14:18	4
1,1,2,2-Tetrachloroethane	ND		27	4.1	ug/m3			11/04/25 14:18	4
1,1,2-Trichloroethane	ND		22	2.6	ug/m3			11/04/25 14:18	4
1,1-Dichloroethane	**5.4**	**J**	16	1.4	ug/m3			11/04/25 14:18	4
1,1-Dichloroethene	ND		16	2.2	ug/m3			11/04/25 14:18	4
1,2,4-Trichlorobenzene	ND		59	15	ug/m3			11/04/25 14:18	4
1,2,4-Trimethylbenzene	ND		39	5.5	ug/m3			11/04/25 14:18	4
1,2-Dibromoethane	ND		31	4.0	ug/m3			11/04/25 14:18	4
1,2-Dichlorobenzene	ND		24	4.8	ug/m3			11/04/25 14:18	4
1,2-Dichloroethane	**7.2**	**J**	16	1.3	ug/m3			11/04/25 14:18	4
1,2-Dichloropropane	ND		18	2.4	ug/m3			11/04/25 14:18	4
1,3,5-Trimethylbenzene	ND		39	6.3	ug/m3			11/04/25 14:18	4
1,3-Butadiene	ND		8.8	1.5	ug/m3			11/04/25 14:18	4
1,3-Dichlorobenzene	ND		24	7.2	ug/m3			11/04/25 14:18	4
1,4-Dichlorobenzene	ND		24	7.2	ug/m3			11/04/25 14:18	4
2-Butanone	ND		12	2.5	ug/m3			11/04/25 14:18	4
2-Hexanone	ND		33	8.2	ug/m3			11/04/25 14:18	4
3-Chloroprene	**2.5**	**J**	13	2.5	ug/m3			11/04/25 14:18	4
4-Ethyltoluene	ND		20	3.5	ug/m3			11/04/25 14:18	4
1,4-Dioxane	ND		14	2.5	ug/m3			11/04/25 14:18	4
4-Methyl-2-pentanone	ND		16	2.5	ug/m3			11/04/25 14:18	4
Acetone	**69**		48	9.5	ug/m3			11/04/25 14:18	4
2-Chlorotoluene	ND		21	4.6	ug/m3			11/04/25 14:18	4
Benzene	ND		13	1.4	ug/m3			11/04/25 14:18	4
Bromodichloromethane	ND		27	11	ug/m3			11/04/25 14:18	4
Bromoform	ND		41	17	ug/m3			11/04/25 14:18	4
Bromomethane	ND		16	3.1	ug/m3			11/04/25 14:18	4
Carbon disulfide	ND		12	5.0	ug/m3			11/04/25 14:18	4
Carbon tetrachloride	ND		25	3.5	ug/m3			11/04/25 14:18	4
Chlorobenzene	ND		18	2.4	ug/m3			11/04/25 14:18	4
Chloroethane	ND		11	3.2	ug/m3			11/04/25 14:18	4
Chloroform	ND		20	1.8	ug/m3			11/04/25 14:18	4
Benzyl chloride	ND		41	6.2	ug/m3			11/04/25 14:18	4
Chloromethane	ND		8.3	3.3	ug/m3			11/04/25 14:18	4
cis-1,2-Dichloroethene	**470**		16	3.2	ug/m3			11/04/25 14:18	4
cis-1,3-Dichloropropene	ND		18	1.8	ug/m3			11/04/25 14:18	4
Bromoethene	ND		17	3.1	ug/m3			11/04/25 14:18	4
Dibromochloromethane	ND		34	14	ug/m3			11/04/25 14:18	4
Dichlorodifluoromethane	ND		20	2.6	ug/m3			11/04/25 14:18	4
Ethylbenzene	ND		17	3.3	ug/m3			11/04/25 14:18	4
Freon 113	ND		31	6.1	ug/m3			11/04/25 14:18	4
Freon-114	ND		28	3.4	ug/m3			11/04/25 14:18	4
Heptane	ND		16	3.8	ug/m3			11/04/25 14:18	4
Hexane	**5.7**	**J**	14	4.2	ug/m3			11/04/25 14:18	4
Isooctane	ND		19	7.5	ug/m3			11/04/25 14:18	4
m&p-Xylene	ND		17	4.5	ug/m3			11/04/25 14:18	4
Cyclohexane	**220**		14	2.8	ug/m3			11/04/25 14:18	4
Methyl t-butyl ether	**13**	**J**	14	2.2	ug/m3			11/04/25 14:18	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Lag Carbon Effluent
Lab Sample ID: 410-248624-3
Date Collected: 10/21/25 08:58
Matrix: Air
Date Received: 10/21/25 19:25
Sample Time: 0 Min
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		28	3.5	ug/m3			11/04/25 14:18	4
o-Xylene	ND		17	3.3	ug/m3			11/04/25 14:18	4
Styrene	ND		17	3.4	ug/m3			11/04/25 14:18	4
Ethanol	ND		38	15	ug/m3			11/04/25 14:18	4
Tetrachloroethene	**23**	**J**	54	6.8	ug/m3			11/04/25 14:18	4
Ethyl acetate	ND		29	3.6	ug/m3			11/04/25 14:18	4
Toluene	ND		15	6.0	ug/m3			11/04/25 14:18	4
trans-1,2-Dichloroethene	**3.2**	**J**	16	3.2	ug/m3			11/04/25 14:18	4
trans-1,3-Dichloropropene	ND		18	2.2	ug/m3			11/04/25 14:18	4
Trichloroethene	ND		21	3.9	ug/m3			11/04/25 14:18	4
Trichlorofluoromethane	ND		22	3.4	ug/m3			11/04/25 14:18	4
Vinyl chloride	**18**		10	1.2	ug/m3			11/04/25 14:18	4
Hexachlorobutadiene	ND		85	20	ug/m3			11/04/25 14:18	4
Isopropanol	ND		9.8	5.9	ug/m3			11/04/25 14:18	4
Methyl methacrylate	ND		16	2.5	ug/m3			11/04/25 14:18	4
Propene	**3.2**	**J**	6.9	2.1	ug/m3			11/04/25 14:18	4
tert-Butyl alcohol	ND		12	2.5	ug/m3			11/04/25 14:18	4
Tetrahydrofuran	**7.6**	**J**	12	2.8	ug/m3			11/04/25 14:18	4
Vinyl acetate	ND		14	2.3	ug/m3			11/04/25 14:18	4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	0.48	ppb v/v			11/04/25 14:18	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.60	ppb v/v			11/04/25 14:18	4
1,1,2-Trichloroethane	ND		4.0	0.48	ppb v/v			11/04/25 14:18	4
1,1-Dichloroethane	**1.3**	**J**	4.0	0.36	ppb v/v			11/04/25 14:18	4
1,1-Dichloroethene	ND		4.0	0.56	ppb v/v			11/04/25 14:18	4
1,2,4-Trichlorobenzene	ND		8.0	2.0	ppb v/v			11/04/25 14:18	4
1,2,4-Trimethylbenzene	ND		8.0	1.1	ppb v/v			11/04/25 14:18	4
1,2-Dibromoethane	ND		4.0	0.52	ppb v/v			11/04/25 14:18	4
1,2-Dichlorobenzene	ND		4.0	0.80	ppb v/v			11/04/25 14:18	4
1,2-Dichloroethane	**1.8**	**J**	4.0	0.32	ppb v/v			11/04/25 14:18	4
1,2-Dichloropropane	ND		4.0	0.52	ppb v/v			11/04/25 14:18	4
1,3,5-Trimethylbenzene	ND		8.0	1.3	ppb v/v			11/04/25 14:18	4
1,3-Butadiene	ND		4.0	0.68	ppb v/v			11/04/25 14:18	4
1,3-Dichlorobenzene	ND		4.0	1.2	ppb v/v			11/04/25 14:18	4
1,4-Dichlorobenzene	ND		4.0	1.2	ppb v/v			11/04/25 14:18	4
2-Butanone	ND		4.0	0.84	ppb v/v			11/04/25 14:18	4
2-Hexanone	ND		8.0	2.0	ppb v/v			11/04/25 14:18	4
3-Chloroprene	**0.80**	**J**	4.0	0.80	ppb v/v			11/04/25 14:18	4
4-Ethyltoluene	ND		4.0	0.72	ppb v/v			11/04/25 14:18	4
1,4-Dioxane	ND		4.0	0.68	ppb v/v			11/04/25 14:18	4
4-Methyl-2-pentanone	ND		4.0	0.60	ppb v/v			11/04/25 14:18	4
Acetone	**29**		20	4.0	ppb v/v			11/04/25 14:18	4
2-Chlorotoluene	ND		4.0	0.88	ppb v/v			11/04/25 14:18	4
Benzene	ND		4.0	0.44	ppb v/v			11/04/25 14:18	4
Bromodichloromethane	ND		4.0	1.6	ppb v/v			11/04/25 14:18	4
Bromoform	ND		4.0	1.6	ppb v/v			11/04/25 14:18	4
Bromomethane	ND		4.0	0.80	ppb v/v			11/04/25 14:18	4
Carbon disulfide	ND		4.0	1.6	ppb v/v			11/04/25 14:18	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Lag Carbon Effluent
Lab Sample ID: 410-248624-3
Date Collected: 10/21/25 08:58
Matrix: Air
Date Received: 10/21/25 19:25
Sample Time: 0 Min
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.0	0.56	ppb v/v			11/04/25 14:18	4
Chlorobenzene	ND		4.0	0.52	ppb v/v			11/04/25 14:18	4
Chloroethane	ND		4.0	1.2	ppb v/v			11/04/25 14:18	4
Chloroform	ND		4.0	0.37	ppb v/v			11/04/25 14:18	4
Benzyl chloride	ND		8.0	1.2	ppb v/v			11/04/25 14:18	4
Chloromethane	ND		4.0	1.6	ppb v/v			11/04/25 14:18	4
cis-1,2-Dichloroethene	**120**		4.0	0.80	ppb v/v			11/04/25 14:18	4
cis-1,3-Dichloropropene	ND		4.0	0.40	ppb v/v			11/04/25 14:18	4
Bromoethene	ND		4.0	0.72	ppb v/v			11/04/25 14:18	4
Dibromochloromethane	ND		4.0	1.6	ppb v/v			11/04/25 14:18	4
Dichlorodifluoromethane	ND		4.0	0.52	ppb v/v			11/04/25 14:18	4
Ethylbenzene	ND		4.0	0.76	ppb v/v			11/04/25 14:18	4
Freon 113	ND		4.0	0.80	ppb v/v			11/04/25 14:18	4
Freon-114	ND		4.0	0.48	ppb v/v			11/04/25 14:18	4
Heptane	ND		4.0	0.92	ppb v/v			11/04/25 14:18	4
Hexane	**1.6**	**J**	4.0	1.2	ppb v/v			11/04/25 14:18	4
Isooctane	ND		4.0	1.6	ppb v/v			11/04/25 14:18	4
m&p-Xylene	ND		4.0	1.0	ppb v/v			11/04/25 14:18	4
Cyclohexane	**65**		4.0	0.80	ppb v/v			11/04/25 14:18	4
Methyl t-butyl ether	**3.7**	**J**	4.0	0.60	ppb v/v			11/04/25 14:18	4
Methylene Chloride	ND		8.0	1.0	ppb v/v			11/04/25 14:18	4
o-Xylene	ND		4.0	0.76	ppb v/v			11/04/25 14:18	4
Styrene	ND		4.0	0.80	ppb v/v			11/04/25 14:18	4
Ethanol	ND		20	8.0	ppb v/v			11/04/25 14:18	4
Tetrachloroethene	**3.3**	**J**	8.0	1.0	ppb v/v			11/04/25 14:18	4
Ethyl acetate	ND		8.0	1.0	ppb v/v			11/04/25 14:18	4
Toluene	ND		4.0	1.6	ppb v/v			11/04/25 14:18	4
trans-1,2-Dichloroethene	**0.81**	**J**	4.0	0.80	ppb v/v			11/04/25 14:18	4
trans-1,3-Dichloropropene	ND		4.0	0.48	ppb v/v			11/04/25 14:18	4
Trichloroethene	ND		4.0	0.72	ppb v/v			11/04/25 14:18	4
Trichlorofluoromethane	ND		4.0	0.60	ppb v/v			11/04/25 14:18	4
Vinyl chloride	**7.2**		4.0	0.48	ppb v/v			11/04/25 14:18	4
Hexachlorobutadiene	ND		8.0	1.9	ppb v/v			11/04/25 14:18	4
Isopropanol	ND		4.0	2.4	ppb v/v			11/04/25 14:18	4
Methyl methacrylate	ND		4.0	0.60	ppb v/v			11/04/25 14:18	4
Propene	**1.9**	**J**	4.0	1.2	ppb v/v			11/04/25 14:18	4
tert-Butyl alcohol	ND		4.0	0.84	ppb v/v			11/04/25 14:18	4
Tetrahydrofuran	**2.6**	**J**	4.0	0.96	ppb v/v			11/04/25 14:18	4
Vinyl acetate	ND		4.0	0.64	ppb v/v			11/04/25 14:18	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Combined Influent
Date Collected: 10/21/25 09:00
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248624-4
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		55	6.5	ug/m3			11/04/25 14:40	10
1,1,2,2-Tetrachloroethane	ND		69	10	ug/m3			11/04/25 14:40	10
1,1,2-Trichloroethane	**27**	**J**	55	6.5	ug/m3			11/04/25 14:40	10
1,1-Dichloroethane	**5.7**	**J**	40	3.6	ug/m3			11/04/25 14:40	10
1,1-Dichloroethene	ND		40	5.6	ug/m3			11/04/25 14:40	10
1,2,4-Trichlorobenzene	ND		150	37	ug/m3			11/04/25 14:40	10
1,2,4-Trimethylbenzene	**14**	**J**	98	14	ug/m3			11/04/25 14:40	10
1,2-Dibromoethane	ND		77	10	ug/m3			11/04/25 14:40	10
1,2-Dichlorobenzene	ND		60	12	ug/m3			11/04/25 14:40	10
1,2-Dichloroethane	ND		40	3.2	ug/m3			11/04/25 14:40	10
1,2-Dichloropropane	ND		46	6.0	ug/m3			11/04/25 14:40	10
1,3,5-Trimethylbenzene	ND		98	16	ug/m3			11/04/25 14:40	10
1,3-Butadiene	ND		22	3.8	ug/m3			11/04/25 14:40	10
1,3-Dichlorobenzene	ND		60	18	ug/m3			11/04/25 14:40	10
1,4-Dichlorobenzene	ND		60	18	ug/m3			11/04/25 14:40	10
2-Butanone	ND		29	6.2	ug/m3			11/04/25 14:40	10
2-Hexanone	ND		82	20	ug/m3			11/04/25 14:40	10
3-Chloroprene	ND		31	6.3	ug/m3			11/04/25 14:40	10
4-Ethyltoluene	ND		49	8.8	ug/m3			11/04/25 14:40	10
1,4-Dioxane	ND		36	6.1	ug/m3			11/04/25 14:40	10
4-Methyl-2-pentanone	ND		41	6.1	ug/m3			11/04/25 14:40	10
Acetone	**68**	**J**	120	24	ug/m3			11/04/25 14:40	10
2-Chlorotoluene	ND		52	11	ug/m3			11/04/25 14:40	10
Benzene	**62**		32	3.5	ug/m3			11/04/25 14:40	10
Bromodichloromethane	ND		67	27	ug/m3			11/04/25 14:40	10
Bromoform	ND		100	41	ug/m3			11/04/25 14:40	10
Bromomethane	ND		39	7.8	ug/m3			11/04/25 14:40	10
Carbon disulfide	ND		31	12	ug/m3			11/04/25 14:40	10
Carbon tetrachloride	ND		63	8.8	ug/m3			11/04/25 14:40	10
Chlorobenzene	ND		46	6.0	ug/m3			11/04/25 14:40	10
Chloroethane	ND		26	7.9	ug/m3			11/04/25 14:40	10
Chloroform	ND		49	4.5	ug/m3			11/04/25 14:40	10
Benzyl chloride	ND		100	16	ug/m3			11/04/25 14:40	10
Chloromethane	ND		21	8.3	ug/m3			11/04/25 14:40	10
cis-1,2-Dichloroethene	**480**		40	7.9	ug/m3			11/04/25 14:40	10
cis-1,3-Dichloropropene	ND		45	4.5	ug/m3			11/04/25 14:40	10
Bromoethene	ND		44	7.9	ug/m3			11/04/25 14:40	10
Dibromochloromethane	ND		85	34	ug/m3			11/04/25 14:40	10
Dichlorodifluoromethane	ND		49	6.4	ug/m3			11/04/25 14:40	10
Ethylbenzene	**10**	**J**	43	8.3	ug/m3			11/04/25 14:40	10
Freon 113	ND		77	15	ug/m3			11/04/25 14:40	10
Freon-114	ND		70	8.4	ug/m3			11/04/25 14:40	10
Heptane	**13**	**J**	41	9.4	ug/m3			11/04/25 14:40	10
Hexane	**26**	**J**	35	11	ug/m3			11/04/25 14:40	10
Isooctane	ND		47	19	ug/m3			11/04/25 14:40	10
m&p-Xylene	**38**	**J**	43	11	ug/m3			11/04/25 14:40	10
Cyclohexane	**120**		34	6.9	ug/m3			11/04/25 14:40	10
Methyl t-butyl ether	**33**	**J**	36	5.4	ug/m3			11/04/25 14:40	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Combined Influent
Date Collected: 10/21/25 09:00
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248624-4
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		69	8.7	ug/m3			11/04/25 14:40	10
o-Xylene	**10**	**J**	43	8.3	ug/m3			11/04/25 14:40	10
Styrene	ND		43	8.5	ug/m3			11/04/25 14:40	10
Ethanol	ND		94	38	ug/m3			11/04/25 14:40	10
Tetrachloroethene	**1100**		140	17	ug/m3			11/04/25 14:40	10
Ethyl acetate	ND		72	9.0	ug/m3			11/04/25 14:40	10
Toluene	ND		38	15	ug/m3			11/04/25 14:40	10
trans-1,2-Dichloroethene	ND		40	7.9	ug/m3			11/04/25 14:40	10
trans-1,3-Dichloropropene	ND		45	5.4	ug/m3			11/04/25 14:40	10
Trichloroethene	**150**		54	9.7	ug/m3			11/04/25 14:40	10
Trichlorofluoromethane	ND		56	8.4	ug/m3			11/04/25 14:40	10
Vinyl chloride	**33**		26	3.1	ug/m3			11/04/25 14:40	10
Hexachlorobutadiene	ND		210	50	ug/m3			11/04/25 14:40	10
Isopropanol	ND		25	15	ug/m3			11/04/25 14:40	10
Methyl methacrylate	ND		41	6.1	ug/m3			11/04/25 14:40	10
Propene	**5.8**	**J**	17	5.2	ug/m3			11/04/25 14:40	10
tert-Butyl alcohol	ND		30	6.4	ug/m3			11/04/25 14:40	10
Tetrahydrofuran	ND		29	7.1	ug/m3			11/04/25 14:40	10
Vinyl acetate	ND		35	5.6	ug/m3			11/04/25 14:40	10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	1.2	ppb v/v			11/04/25 14:40	10
1,1,2,2-Tetrachloroethane	ND		10	1.5	ppb v/v			11/04/25 14:40	10
1,1,2-Trichloroethane	**4.9**	**J**	10	1.2	ppb v/v			11/04/25 14:40	10
1,1-Dichloroethane	**1.4**	**J**	10	0.89	ppb v/v			11/04/25 14:40	10
1,1-Dichloroethene	ND		10	1.4	ppb v/v			11/04/25 14:40	10
1,2,4-Trichlorobenzene	ND		20	5.0	ppb v/v			11/04/25 14:40	10
1,2,4-Trimethylbenzene	**2.8**	**J**	20	2.8	ppb v/v			11/04/25 14:40	10
1,2-Dibromoethane	ND		10	1.3	ppb v/v			11/04/25 14:40	10
1,2-Dichlorobenzene	ND		10	2.0	ppb v/v			11/04/25 14:40	10
1,2-Dichloroethane	ND		10	0.80	ppb v/v			11/04/25 14:40	10
1,2-Dichloropropane	ND		10	1.3	ppb v/v			11/04/25 14:40	10
1,3,5-Trimethylbenzene	ND		20	3.2	ppb v/v			11/04/25 14:40	10
1,3-Butadiene	ND		10	1.7	ppb v/v			11/04/25 14:40	10
1,3-Dichlorobenzene	ND		10	3.0	ppb v/v			11/04/25 14:40	10
1,4-Dichlorobenzene	ND		10	3.0	ppb v/v			11/04/25 14:40	10
2-Butanone	ND		10	2.1	ppb v/v			11/04/25 14:40	10
2-Hexanone	ND		20	5.0	ppb v/v			11/04/25 14:40	10
3-Chloroprene	ND		10	2.0	ppb v/v			11/04/25 14:40	10
4-Ethyltoluene	ND		10	1.8	ppb v/v			11/04/25 14:40	10
1,4-Dioxane	ND		10	1.7	ppb v/v			11/04/25 14:40	10
4-Methyl-2-pentanone	ND		10	1.5	ppb v/v			11/04/25 14:40	10
Acetone	**29**	**J**	50	10	ppb v/v			11/04/25 14:40	10
2-Chlorotoluene	ND		10	2.2	ppb v/v			11/04/25 14:40	10
Benzene	**19**		10	1.1	ppb v/v			11/04/25 14:40	10
Bromodichloromethane	ND		10	4.0	ppb v/v			11/04/25 14:40	10
Bromoform	ND		10	4.0	ppb v/v			11/04/25 14:40	10
Bromomethane	ND		10	2.0	ppb v/v			11/04/25 14:40	10
Carbon disulfide	ND		10	4.0	ppb v/v			11/04/25 14:40	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Combined Influent
Lab Sample ID: 410-248624-4
Date Collected: 10/21/25 09:00
Matrix: Air
Date Received: 10/21/25 19:25
Sample Time: 0 Min
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		10	1.4	ppb v/v			11/04/25 14:40	10
Chlorobenzene	ND		10	1.3	ppb v/v			11/04/25 14:40	10
Chloroethane	ND		10	3.0	ppb v/v			11/04/25 14:40	10
Chloroform	ND		10	0.92	ppb v/v			11/04/25 14:40	10
Benzyl chloride	ND		20	3.0	ppb v/v			11/04/25 14:40	10
Chloromethane	ND		10	4.0	ppb v/v			11/04/25 14:40	10
cis-1,2-Dichloroethene	**120**		10	2.0	ppb v/v			11/04/25 14:40	10
cis-1,3-Dichloropropene	ND		10	1.0	ppb v/v			11/04/25 14:40	10
Bromoethene	ND		10	1.8	ppb v/v			11/04/25 14:40	10
Dibromochloromethane	ND		10	4.0	ppb v/v			11/04/25 14:40	10
Dichlorodifluoromethane	ND		10	1.3	ppb v/v			11/04/25 14:40	10
Ethylbenzene	**2.3**	**J**	10	1.9	ppb v/v			11/04/25 14:40	10
Freon 113	ND		10	2.0	ppb v/v			11/04/25 14:40	10
Freon-114	ND		10	1.2	ppb v/v			11/04/25 14:40	10
Heptane	**3.2**	**J**	10	2.3	ppb v/v			11/04/25 14:40	10
Hexane	**7.5**	**J**	10	3.0	ppb v/v			11/04/25 14:40	10
Isooctane	ND		10	4.0	ppb v/v			11/04/25 14:40	10
m&p-Xylene	**8.7**	**J**	10	2.6	ppb v/v			11/04/25 14:40	10
Cyclohexane	**34**		10	2.0	ppb v/v			11/04/25 14:40	10
Methyl t-butyl ether	**9.1**	**J**	10	1.5	ppb v/v			11/04/25 14:40	10
Methylene Chloride	ND		20	2.5	ppb v/v			11/04/25 14:40	10
o-Xylene	**2.4**	**J**	10	1.9	ppb v/v			11/04/25 14:40	10
Styrene	ND		10	2.0	ppb v/v			11/04/25 14:40	10
Ethanol	ND		50	20	ppb v/v			11/04/25 14:40	10
Tetrachloroethene	**160**		20	2.5	ppb v/v			11/04/25 14:40	10
Ethyl acetate	ND		20	2.5	ppb v/v			11/04/25 14:40	10
Toluene	ND		10	4.0	ppb v/v			11/04/25 14:40	10
trans-1,2-Dichloroethene	ND		10	2.0	ppb v/v			11/04/25 14:40	10
trans-1,3-Dichloropropene	ND		10	1.2	ppb v/v			11/04/25 14:40	10
Trichloroethene	**28**		10	1.8	ppb v/v			11/04/25 14:40	10
Trichlorofluoromethane	ND		10	1.5	ppb v/v			11/04/25 14:40	10
Vinyl chloride	**13**		10	1.2	ppb v/v			11/04/25 14:40	10
Hexachlorobutadiene	ND		20	4.7	ppb v/v			11/04/25 14:40	10
Isopropanol	ND		10	6.0	ppb v/v			11/04/25 14:40	10
Methyl methacrylate	ND		10	1.5	ppb v/v			11/04/25 14:40	10
Propene	**3.4**	**J**	10	3.0	ppb v/v			11/04/25 14:40	10
tert-Butyl alcohol	ND		10	2.1	ppb v/v			11/04/25 14:40	10
Tetrahydrofuran	ND		10	2.4	ppb v/v			11/04/25 14:40	10
Vinyl acetate	ND		10	1.6	ppb v/v			11/04/25 14:40	10

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Before Carbon
Date Collected: 10/21/25 08:50
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248624-5
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		220	26	ug/m3			11/04/25 15:00	40
1,1,2,2-Tetrachloroethane	ND		270	41	ug/m3			11/04/25 15:00	40
1,1,2-Trichloroethane	ND		220	26	ug/m3			11/04/25 15:00	40
1,1-Dichloroethane	ND		160	14	ug/m3			11/04/25 15:00	40
1,1-Dichloroethene	ND		160	22	ug/m3			11/04/25 15:00	40
1,2,4-Trichlorobenzene	ND		590	150	ug/m3			11/04/25 15:00	40
1,2,4-Trimethylbenzene	ND		390	55	ug/m3			11/04/25 15:00	40
1,2-Dibromoethane	ND		310	40	ug/m3			11/04/25 15:00	40
1,2-Dichlorobenzene	ND		240	48	ug/m3			11/04/25 15:00	40
1,2-Dichloroethane	ND		160	13	ug/m3			11/04/25 15:00	40
1,2-Dichloropropane	ND		180	24	ug/m3			11/04/25 15:00	40
1,3,5-Trimethylbenzene	ND		390	63	ug/m3			11/04/25 15:00	40
1,3-Butadiene	ND		88	15	ug/m3			11/04/25 15:00	40
1,3-Dichlorobenzene	ND		240	72	ug/m3			11/04/25 15:00	40
1,4-Dichlorobenzene	ND		240	72	ug/m3			11/04/25 15:00	40
2-Butanone	ND		120	25	ug/m3			11/04/25 15:00	40
2-Hexanone	ND		330	82	ug/m3			11/04/25 15:00	40
3-Chloroprene	ND		130	25	ug/m3			11/04/25 15:00	40
4-Ethyltoluene	ND		200	35	ug/m3			11/04/25 15:00	40
1,4-Dioxane	ND		140	25	ug/m3			11/04/25 15:00	40
4-Methyl-2-pentanone	ND		160	25	ug/m3			11/04/25 15:00	40
Acetone	ND		480	95	ug/m3			11/04/25 15:00	40
2-Chlorotoluene	ND		210	46	ug/m3			11/04/25 15:00	40
Benzene	**75**	**J**	130	14	ug/m3			11/04/25 15:00	40
Bromodichloromethane	ND		270	110	ug/m3			11/04/25 15:00	40
Bromoform	ND		410	170	ug/m3			11/04/25 15:00	40
Bromomethane	ND		160	31	ug/m3			11/04/25 15:00	40
Carbon disulfide	ND		120	50	ug/m3			11/04/25 15:00	40
Carbon tetrachloride	ND		250	35	ug/m3			11/04/25 15:00	40
Chlorobenzene	ND		180	24	ug/m3			11/04/25 15:00	40
Chloroethane	ND		110	32	ug/m3			11/04/25 15:00	40
Chloroform	ND		200	18	ug/m3			11/04/25 15:00	40
Benzyl chloride	ND		410	62	ug/m3			11/04/25 15:00	40
Chloromethane	ND		83	33	ug/m3			11/04/25 15:00	40
cis-1,2-Dichloroethene	**490**		160	32	ug/m3			11/04/25 15:00	40
cis-1,3-Dichloropropene	ND		180	18	ug/m3			11/04/25 15:00	40
Bromoethene	ND		170	31	ug/m3			11/04/25 15:00	40
Dibromochloromethane	ND		340	140	ug/m3			11/04/25 15:00	40
Dichlorodifluoromethane	ND		200	26	ug/m3			11/04/25 15:00	40
Ethylbenzene	ND		170	33	ug/m3			11/04/25 15:00	40
Freon 113	ND		310	61	ug/m3			11/04/25 15:00	40
Freon-114	ND		280	34	ug/m3			11/04/25 15:00	40
Heptane	ND		160	38	ug/m3			11/04/25 15:00	40
Hexane	ND		140	42	ug/m3			11/04/25 15:00	40
Isooctane	ND		190	75	ug/m3			11/04/25 15:00	40
m&p-Xylene	**45**	**J**	170	45	ug/m3			11/04/25 15:00	40
Cyclohexane	**140**		140	28	ug/m3			11/04/25 15:00	40
Methyl t-butyl ether	**31**	**J**	140	22	ug/m3			11/04/25 15:00	40

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Before Carbon
Date Collected: 10/21/25 08:50
Date Received: 10/21/25 19:25
Sample Time: 0 Min

Lab Sample ID: 410-248624-5
Matrix: Air
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		280	35	ug/m3			11/04/25 15:00	40
o-Xylene	ND		170	33	ug/m3			11/04/25 15:00	40
Styrene	ND		170	34	ug/m3			11/04/25 15:00	40
Ethanol	ND		380	150	ug/m3			11/04/25 15:00	40
Tetrachloroethene	**1200**		540	68	ug/m3			11/04/25 15:00	40
Ethyl acetate	ND		290	36	ug/m3			11/04/25 15:00	40
Toluene	ND		150	60	ug/m3			11/04/25 15:00	40
trans-1,2-Dichloroethene	ND		160	32	ug/m3			11/04/25 15:00	40
trans-1,3-Dichloropropene	ND		180	22	ug/m3			11/04/25 15:00	40
Trichloroethene	**160**	**J**	210	39	ug/m3			11/04/25 15:00	40
Trichlorofluoromethane	ND		220	34	ug/m3			11/04/25 15:00	40
Vinyl chloride	**35**	**J**	100	12	ug/m3			11/04/25 15:00	40
Hexachlorobutadiene	ND		850	200	ug/m3			11/04/25 15:00	40
Isopropanol	ND		98	59	ug/m3			11/04/25 15:00	40
Methyl methacrylate	ND		160	25	ug/m3			11/04/25 15:00	40
Propene	ND		69	21	ug/m3			11/04/25 15:00	40
tert-Butyl alcohol	ND		120	25	ug/m3			11/04/25 15:00	40
Tetrahydrofuran	ND		120	28	ug/m3			11/04/25 15:00	40
Vinyl acetate	ND		140	23	ug/m3			11/04/25 15:00	40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	4.8	ppb v/v			11/04/25 15:00	40
1,1,2,2-Tetrachloroethane	ND		40	6.0	ppb v/v			11/04/25 15:00	40
1,1,2-Trichloroethane	ND		40	4.8	ppb v/v			11/04/25 15:00	40
1,1-Dichloroethane	ND		40	3.6	ppb v/v			11/04/25 15:00	40
1,1-Dichloroethene	ND		40	5.6	ppb v/v			11/04/25 15:00	40
1,2,4-Trichlorobenzene	ND		80	20	ppb v/v			11/04/25 15:00	40
1,2,4-Trimethylbenzene	ND		80	11	ppb v/v			11/04/25 15:00	40
1,2-Dibromoethane	ND		40	5.2	ppb v/v			11/04/25 15:00	40
1,2-Dichlorobenzene	ND		40	8.0	ppb v/v			11/04/25 15:00	40
1,2-Dichloroethane	ND		40	3.2	ppb v/v			11/04/25 15:00	40
1,2-Dichloropropane	ND		40	5.2	ppb v/v			11/04/25 15:00	40
1,3,5-Trimethylbenzene	ND		80	13	ppb v/v			11/04/25 15:00	40
1,3-Butadiene	ND		40	6.8	ppb v/v			11/04/25 15:00	40
1,3-Dichlorobenzene	ND		40	12	ppb v/v			11/04/25 15:00	40
1,4-Dichlorobenzene	ND		40	12	ppb v/v			11/04/25 15:00	40
2-Butanone	ND		40	8.4	ppb v/v			11/04/25 15:00	40
2-Hexanone	ND		80	20	ppb v/v			11/04/25 15:00	40
3-Chloroprene	ND		40	8.0	ppb v/v			11/04/25 15:00	40
4-Ethyltoluene	ND		40	7.2	ppb v/v			11/04/25 15:00	40
1,4-Dioxane	ND		40	6.8	ppb v/v			11/04/25 15:00	40
4-Methyl-2-pentanone	ND		40	6.0	ppb v/v			11/04/25 15:00	40
Acetone	ND		200	40	ppb v/v			11/04/25 15:00	40
2-Chlorotoluene	ND		40	8.8	ppb v/v			11/04/25 15:00	40
Benzene	**23**	**J**	40	4.4	ppb v/v			11/04/25 15:00	40
Bromodichloromethane	ND		40	16	ppb v/v			11/04/25 15:00	40
Bromoform	ND		40	16	ppb v/v			11/04/25 15:00	40
Bromomethane	ND		40	8.0	ppb v/v			11/04/25 15:00	40
Carbon disulfide	ND		40	16	ppb v/v			11/04/25 15:00	40

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Before Carbon
Lab Sample ID: 410-248624-5
Date Collected: 10/21/25 08:50
Matrix: Air
Date Received: 10/21/25 19:25
Sample Time: 0 Min
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		40	5.6	ppb v/v			11/04/25 15:00	40
Chlorobenzene	ND		40	5.2	ppb v/v			11/04/25 15:00	40
Chloroethane	ND		40	12	ppb v/v			11/04/25 15:00	40
Chloroform	ND		40	3.7	ppb v/v			11/04/25 15:00	40
Benzyl chloride	ND		80	12	ppb v/v			11/04/25 15:00	40
Chloromethane	ND		40	16	ppb v/v			11/04/25 15:00	40
cis-1,2-Dichloroethene	**120**		40	8.0	ppb v/v			11/04/25 15:00	40
cis-1,3-Dichloropropene	ND		40	4.0	ppb v/v			11/04/25 15:00	40
Bromoethene	ND		40	7.2	ppb v/v			11/04/25 15:00	40
Dibromochloromethane	ND		40	16	ppb v/v			11/04/25 15:00	40
Dichlorodifluoromethane	ND		40	5.2	ppb v/v			11/04/25 15:00	40
Ethylbenzene	ND		40	7.6	ppb v/v			11/04/25 15:00	40
Freon 113	ND		40	8.0	ppb v/v			11/04/25 15:00	40
Freon-114	ND		40	4.8	ppb v/v			11/04/25 15:00	40
Heptane	ND		40	9.2	ppb v/v			11/04/25 15:00	40
Hexane	ND		40	12	ppb v/v			11/04/25 15:00	40
Isooctane	ND		40	16	ppb v/v			11/04/25 15:00	40
m&p-Xylene	**10**	**J**	40	10	ppb v/v			11/04/25 15:00	40
Cyclohexane	**41**		40	8.0	ppb v/v			11/04/25 15:00	40
Methyl t-butyl ether	**8.6**	**J**	40	6.0	ppb v/v			11/04/25 15:00	40
Methylene Chloride	ND		80	10	ppb v/v			11/04/25 15:00	40
o-Xylene	ND		40	7.6	ppb v/v			11/04/25 15:00	40
Styrene	ND		40	8.0	ppb v/v			11/04/25 15:00	40
Ethanol	ND		200	80	ppb v/v			11/04/25 15:00	40
Tetrachloroethene	**180**		80	10	ppb v/v			11/04/25 15:00	40
Ethyl acetate	ND		80	10	ppb v/v			11/04/25 15:00	40
Toluene	ND		40	16	ppb v/v			11/04/25 15:00	40
trans-1,2-Dichloroethene	ND		40	8.0	ppb v/v			11/04/25 15:00	40
trans-1,3-Dichloropropene	ND		40	4.8	ppb v/v			11/04/25 15:00	40
Trichloroethene	**31**	**J**	40	7.2	ppb v/v			11/04/25 15:00	40
Trichlorofluoromethane	ND		40	6.0	ppb v/v			11/04/25 15:00	40
Vinyl chloride	**14**	**J**	40	4.8	ppb v/v			11/04/25 15:00	40
Hexachlorobutadiene	ND		80	19	ppb v/v			11/04/25 15:00	40
Isopropanol	ND		40	24	ppb v/v			11/04/25 15:00	40
Methyl methacrylate	ND		40	6.0	ppb v/v			11/04/25 15:00	40
Propene	ND		40	12	ppb v/v			11/04/25 15:00	40
tert-Butyl alcohol	ND		40	8.4	ppb v/v			11/04/25 15:00	40
Tetrahydrofuran	ND		40	9.6	ppb v/v			11/04/25 15:00	40
Vinyl acetate	ND		40	6.4	ppb v/v			11/04/25 15:00	40

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 410-724105/7
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.65	ug/m3			11/04/25 11:15	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.0	ug/m3			11/04/25 11:15	1
1,1,2-Trichloroethane	ND		5.5	0.65	ug/m3			11/04/25 11:15	1
1,1-Dichloroethane	ND		4.0	0.36	ug/m3			11/04/25 11:15	1
1,1-Dichloroethene	ND		4.0	0.56	ug/m3			11/04/25 11:15	1
1,2,4-Trichlorobenzene	ND		15	3.7	ug/m3			11/04/25 11:15	1
1,2,4-Trimethylbenzene	ND		9.8	1.4	ug/m3			11/04/25 11:15	1
1,2-Dibromoethane	ND		7.7	1.0	ug/m3			11/04/25 11:15	1
1,2-Dichlorobenzene	ND		6.0	1.2	ug/m3			11/04/25 11:15	1
1,2-Dichloroethane	ND		4.0	0.32	ug/m3			11/04/25 11:15	1
1,2-Dichloropropane	ND		4.6	0.60	ug/m3			11/04/25 11:15	1
1,3,5-Trimethylbenzene	ND		9.8	1.6	ug/m3			11/04/25 11:15	1
1,3-Butadiene	ND		2.2	0.38	ug/m3			11/04/25 11:15	1
1,3-Dichlorobenzene	ND		6.0	1.8	ug/m3			11/04/25 11:15	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/m3			11/04/25 11:15	1
2-Butanone	ND		2.9	0.62	ug/m3			11/04/25 11:15	1
2-Hexanone	ND		8.2	2.0	ug/m3			11/04/25 11:15	1
3-Chloroprene	ND		3.1	0.63	ug/m3			11/04/25 11:15	1
4-Ethyltoluene	ND		4.9	0.88	ug/m3			11/04/25 11:15	1
1,4-Dioxane	ND		3.6	0.61	ug/m3			11/04/25 11:15	1
4-Methyl-2-pentanone	ND		4.1	0.61	ug/m3			11/04/25 11:15	1
Acetone	ND		12	2.4	ug/m3			11/04/25 11:15	1
2-Chlorotoluene	ND		5.2	1.1	ug/m3			11/04/25 11:15	1
Benzene	ND		3.2	0.35	ug/m3			11/04/25 11:15	1
Bromodichloromethane	ND		6.7	2.7	ug/m3			11/04/25 11:15	1
Bromoform	ND		10	4.1	ug/m3			11/04/25 11:15	1
Bromomethane	ND		3.9	0.78	ug/m3			11/04/25 11:15	1
Carbon disulfide	ND		3.1	1.2	ug/m3			11/04/25 11:15	1
Carbon tetrachloride	ND		6.3	0.88	ug/m3			11/04/25 11:15	1
Chlorobenzene	ND		4.6	0.60	ug/m3			11/04/25 11:15	1
Chloroethane	ND		2.6	0.79	ug/m3			11/04/25 11:15	1
Chloroform	ND		4.9	0.45	ug/m3			11/04/25 11:15	1
Benzyl chloride	ND		10	1.6	ug/m3			11/04/25 11:15	1
Chloromethane	ND		2.1	0.83	ug/m3			11/04/25 11:15	1
cis-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			11/04/25 11:15	1
cis-1,3-Dichloropropene	ND		4.5	0.45	ug/m3			11/04/25 11:15	1
Bromoethene	ND		4.4	0.79	ug/m3			11/04/25 11:15	1
Dibromochloromethane	ND		8.5	3.4	ug/m3			11/04/25 11:15	1
Dichlorodifluoromethane	ND		4.9	0.64	ug/m3			11/04/25 11:15	1
Ethylbenzene	ND		4.3	0.83	ug/m3			11/04/25 11:15	1
Freon 113	ND		7.7	1.5	ug/m3			11/04/25 11:15	1
Freon-114	ND		7.0	0.84	ug/m3			11/04/25 11:15	1
Heptane	ND		4.1	0.94	ug/m3			11/04/25 11:15	1
Hexane	ND		3.5	1.1	ug/m3			11/04/25 11:15	1
Isooctane	ND		4.7	1.9	ug/m3			11/04/25 11:15	1
m&p-Xylene	ND		4.3	1.1	ug/m3			11/04/25 11:15	1
Cyclohexane	ND		3.4	0.69	ug/m3			11/04/25 11:15	1
Methyl t-butyl ether	ND		3.6	0.54	ug/m3			11/04/25 11:15	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-724105/7
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		6.9	0.87	ug/m3			11/04/25 11:15	1
o-Xylene	ND		4.3	0.83	ug/m3			11/04/25 11:15	1
Styrene	ND		4.3	0.85	ug/m3			11/04/25 11:15	1
Ethanol	ND		9.4	3.8	ug/m3			11/04/25 11:15	1
Tetrachloroethene	ND		14	1.7	ug/m3			11/04/25 11:15	1
Ethyl acetate	ND		7.2	0.90	ug/m3			11/04/25 11:15	1
Toluene	ND		3.8	1.5	ug/m3			11/04/25 11:15	1
trans-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			11/04/25 11:15	1
trans-1,3-Dichloropropene	ND		4.5	0.54	ug/m3			11/04/25 11:15	1
Trichloroethene	ND		5.4	0.97	ug/m3			11/04/25 11:15	1
Trichlorofluoromethane	ND		5.6	0.84	ug/m3			11/04/25 11:15	1
Vinyl chloride	ND		2.6	0.31	ug/m3			11/04/25 11:15	1
Hexachlorobutadiene	ND		21	5.0	ug/m3			11/04/25 11:15	1
Isopropanol	ND		2.5	1.5	ug/m3			11/04/25 11:15	1
Methyl methacrylate	ND		4.1	0.61	ug/m3			11/04/25 11:15	1
Propene	ND		1.7	0.52	ug/m3			11/04/25 11:15	1
tert-Butyl alcohol	ND		3.0	0.64	ug/m3			11/04/25 11:15	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			11/04/25 11:15	1
Vinyl acetate	ND		3.5	0.56	ug/m3			11/04/25 11:15	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.12	ppb v/v			11/04/25 11:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ppb v/v			11/04/25 11:15	1
1,1,2-Trichloroethane	ND		1.0	0.12	ppb v/v			11/04/25 11:15	1
1,1-Dichloroethane	ND		1.0	0.089	ppb v/v			11/04/25 11:15	1
1,1-Dichloroethene	ND		1.0	0.14	ppb v/v			11/04/25 11:15	1
1,2,4-Trichlorobenzene	ND		2.0	0.50	ppb v/v			11/04/25 11:15	1
1,2,4-Trimethylbenzene	ND		2.0	0.28	ppb v/v			11/04/25 11:15	1
1,2-Dibromoethane	ND		1.0	0.13	ppb v/v			11/04/25 11:15	1
1,2-Dichlorobenzene	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
1,2-Dichloroethane	ND		1.0	0.080	ppb v/v			11/04/25 11:15	1
1,2-Dichloropropane	ND		1.0	0.13	ppb v/v			11/04/25 11:15	1
1,3,5-Trimethylbenzene	ND		2.0	0.32	ppb v/v			11/04/25 11:15	1
1,3-Butadiene	ND		1.0	0.17	ppb v/v			11/04/25 11:15	1
1,3-Dichlorobenzene	ND		1.0	0.30	ppb v/v			11/04/25 11:15	1
1,4-Dichlorobenzene	ND		1.0	0.30	ppb v/v			11/04/25 11:15	1
2-Butanone	ND		1.0	0.21	ppb v/v			11/04/25 11:15	1
2-Hexanone	ND		2.0	0.50	ppb v/v			11/04/25 11:15	1
3-Chloroprene	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
4-Ethyltoluene	ND		1.0	0.18	ppb v/v			11/04/25 11:15	1
1,4-Dioxane	ND		1.0	0.17	ppb v/v			11/04/25 11:15	1
4-Methyl-2-pentanone	ND		1.0	0.15	ppb v/v			11/04/25 11:15	1
Acetone	ND		5.0	1.0	ppb v/v			11/04/25 11:15	1
2-Chlorotoluene	ND		1.0	0.22	ppb v/v			11/04/25 11:15	1
Benzene	ND		1.0	0.11	ppb v/v			11/04/25 11:15	1
Bromodichloromethane	ND		1.0	0.40	ppb v/v			11/04/25 11:15	1
Bromoform	ND		1.0	0.40	ppb v/v			11/04/25 11:15	1
Bromomethane	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
Carbon disulfide	ND		1.0	0.40	ppb v/v			11/04/25 11:15	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-724105/7
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.14	ppb v/v			11/04/25 11:15	1
Chlorobenzene	ND		1.0	0.13	ppb v/v			11/04/25 11:15	1
Chloroethane	ND		1.0	0.30	ppb v/v			11/04/25 11:15	1
Chloroform	ND		1.0	0.092	ppb v/v			11/04/25 11:15	1
Benzyl chloride	ND		2.0	0.30	ppb v/v			11/04/25 11:15	1
Chloromethane	ND		1.0	0.40	ppb v/v			11/04/25 11:15	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
cis-1,3-Dichloropropene	ND		1.0	0.10	ppb v/v			11/04/25 11:15	1
Bromoethene	ND		1.0	0.18	ppb v/v			11/04/25 11:15	1
Dibromochloromethane	ND		1.0	0.40	ppb v/v			11/04/25 11:15	1
Dichlorodifluoromethane	ND		1.0	0.13	ppb v/v			11/04/25 11:15	1
Ethylbenzene	ND		1.0	0.19	ppb v/v			11/04/25 11:15	1
Freon 113	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
Freon-114	ND		1.0	0.12	ppb v/v			11/04/25 11:15	1
Heptane	ND		1.0	0.23	ppb v/v			11/04/25 11:15	1
Hexane	ND		1.0	0.30	ppb v/v			11/04/25 11:15	1
Isooctane	ND		1.0	0.40	ppb v/v			11/04/25 11:15	1
m&p-Xylene	ND		1.0	0.26	ppb v/v			11/04/25 11:15	1
Cyclohexane	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
Methyl t-butyl ether	ND		1.0	0.15	ppb v/v			11/04/25 11:15	1
Methylene Chloride	ND		2.0	0.25	ppb v/v			11/04/25 11:15	1
o-Xylene	ND		1.0	0.19	ppb v/v			11/04/25 11:15	1
Styrene	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
Ethanol	ND		5.0	2.0	ppb v/v			11/04/25 11:15	1
Tetrachloroethene	ND		2.0	0.25	ppb v/v			11/04/25 11:15	1
Ethyl acetate	ND		2.0	0.25	ppb v/v			11/04/25 11:15	1
Toluene	ND		1.0	0.40	ppb v/v			11/04/25 11:15	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			11/04/25 11:15	1
trans-1,3-Dichloropropene	ND		1.0	0.12	ppb v/v			11/04/25 11:15	1
Trichloroethene	ND		1.0	0.18	ppb v/v			11/04/25 11:15	1
Trichlorofluoromethane	ND		1.0	0.15	ppb v/v			11/04/25 11:15	1
Vinyl chloride	ND		1.0	0.12	ppb v/v			11/04/25 11:15	1
Hexachlorobutadiene	ND		2.0	0.47	ppb v/v			11/04/25 11:15	1
Isopropanol	ND		1.0	0.60	ppb v/v			11/04/25 11:15	1
Methyl methacrylate	ND		1.0	0.15	ppb v/v			11/04/25 11:15	1
Propene	ND		1.0	0.30	ppb v/v			11/04/25 11:15	1
tert-Butyl alcohol	ND		1.0	0.21	ppb v/v			11/04/25 11:15	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			11/04/25 11:15	1
Vinyl acetate	ND		1.0	0.16	ppb v/v			11/04/25 11:15	1

Lab Sample ID: LCS 410-724105/4
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	55.7		ug/m3		102	70 - 130
1,1,2,2-Tetrachloroethane	68.7	69.0		ug/m3		100	61 - 130
1,1,2-Trichloroethane	54.6	55.4		ug/m3		102	70 - 130
1,1-Dichloroethane	40.5	41.1		ug/m3		102	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-724105/4
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	39.6	47.8		ug/m3		121	70 - 131
1,2,4-Trichlorobenzene	74.2	80.1		ug/m3		108	52 - 143
1,2,4-Trimethylbenzene	49.2	49.5		ug/m3		101	65 - 146
1,2-Dibromoethane	76.8	81.2		ug/m3		106	70 - 130
1,2-Dichlorobenzene	60.1	57.8		ug/m3		96	61 - 139
1,2-Dichloroethane	40.5	42.8		ug/m3		106	70 - 131
1,2-Dichloropropane	46.2	46.5		ug/m3		101	70 - 130
1,3,5-Trimethylbenzene	49.2	50.3		ug/m3		102	69 - 141
1,3-Butadiene	22.1	21.7		ug/m3		98	70 - 131
1,3-Dichlorobenzene	60.1	60.4		ug/m3		100	64 - 140
1,4-Dichlorobenzene	60.1	60.5		ug/m3		101	64 - 137
2-Butanone	29.5	26.5		ug/m3		90	70 - 130
2-Hexanone	41.0	49.7		ug/m3		121	57 - 141
3-Chloroprene	31.3	36.5		ug/m3		117	70 - 137
4-Ethyltoluene	49.2	53.6		ug/m3		109	69 - 139
1,4-Dioxane	36.0	41.8		ug/m3		116	70 - 130
4-Methyl-2-pentanone	41.0	42.3		ug/m3		103	68 - 133
Acetone	23.8	22.6		ug/m3		95	70 - 137
2-Chlorotoluene	51.8	55.8		ug/m3		108	70 - 130
Benzene	31.9	30.0		ug/m3		94	70 - 130
Bromodichloromethane	67.0	66.1		ug/m3		99	70 - 130
Bromoform	103	111		ug/m3		108	60 - 139
Bromomethane	38.8	34.6		ug/m3		89	70 - 140
Carbon disulfide	31.1	28.0		ug/m3		90	70 - 130
Carbon tetrachloride	62.9	60.3		ug/m3		96	70 - 130
Chlorobenzene	46.0	45.4		ug/m3		99	70 - 130
Chloroethane	26.4	24.3		ug/m3		92	70 - 131
Chloroform	48.8	50.3		ug/m3		103	70 - 130
Benzyl chloride	51.8	65.7		ug/m3		127	57 - 142
Chloromethane	20.7	17.8		ug/m3		86	64 - 138
cis-1,2-Dichloroethene	39.6	42.0		ug/m3		106	70 - 130
cis-1,3-Dichloropropene	45.4	46.6		ug/m3		103	70 - 130
Bromoethene	43.7	42.6		ug/m3		97	70 - 130
Dibromochloromethane	85.2	89.6		ug/m3		105	70 - 130
Dichlorodifluoromethane	49.5	45.7		ug/m3		92	70 - 131
Ethylbenzene	43.4	44.5		ug/m3		103	70 - 130
Freon 113	76.6	85.3		ug/m3		111	70 - 130
Freon-114	69.9	67.3		ug/m3		96	70 - 130
Heptane	41.0	39.3		ug/m3		96	70 - 130
Hexane	35.2	34.9		ug/m3		99	61 - 130
Isooctane	46.7	44.9		ug/m3		96	70 - 130
m&p-Xylene	43.4	45.4		ug/m3		104	70 - 130
Cyclohexane	34.4	35.0		ug/m3		102	61 - 130
Methyl t-butyl ether	36.1	39.9		ug/m3		111	70 - 130
Methylene Chloride	34.7	35.7		ug/m3		103	70 - 130
o-Xylene	43.4	44.3		ug/m3		102	70 - 130
Styrene	42.6	46.6		ug/m3		109	70 - 133
Ethanol	18.8	27.5		ug/m3		146	62 - 150
Tetrachloroethene	67.8	67.7		ug/m3		100	70 - 140

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-724105/4
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate	36.0	33.0		ug/m3		92	70 - 130
Toluene	37.7	36.3		ug/m3		96	70 - 130
trans-1,2-Dichloroethene	39.6	39.9		ug/m3		101	70 - 130
trans-1,3-Dichloropropene	45.4	54.2		ug/m3		120	70 - 130
Trichloroethene	53.7	54.0		ug/m3		100	70 - 130
Trichlorofluoromethane	56.2	56.0		ug/m3		100	70 - 130
Vinyl chloride	25.6	26.7		ug/m3		104	70 - 135
Hexachlorobutadiene	107	96.7		ug/m3		91	40 - 157
Isopropanol	24.6	22.5		ug/m3		92	62 - 135
Methyl methacrylate	40.9	44.8		ug/m3		109	70 - 130
Propene	17.2	15.4		ug/m3		89	58 - 130
tert-Butyl alcohol	33.6	41.1		ug/m3		122	50 - 130
Tetrahydrofuran	29.5	30.8		ug/m3		104	54 - 143
Vinyl acetate	35.2	33.6		ug/m3		95	70 - 137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	10	10.2		ppb v/v		102	70 - 130
1,1,2,2-Tetrachloroethane	10	10.0		ppb v/v		100	61 - 130
1,1,2-Trichloroethane	10	10.2		ppb v/v		102	70 - 130
1,1-Dichloroethane	10	10.2		ppb v/v		102	70 - 130
1,1-Dichloroethene	10	12.1		ppb v/v		121	70 - 131
1,2,4-Trichlorobenzene	10	10.8		ppb v/v		108	52 - 143
1,2,4-Trimethylbenzene	10	10.1		ppb v/v		101	65 - 146
1,2-Dibromoethane	10	10.6		ppb v/v		106	70 - 130
1,2-Dichlorobenzene	10	9.61		ppb v/v		96	61 - 139
1,2-Dichloroethane	10	10.6		ppb v/v		106	70 - 131
1,2-Dichloropropane	10	10.1		ppb v/v		101	70 - 130
1,3,5-Trimethylbenzene	10	10.2		ppb v/v		102	69 - 141
1,3-Butadiene	10	9.79		ppb v/v		98	70 - 131
1,3-Dichlorobenzene	10	10.0		ppb v/v		100	64 - 140
1,4-Dichlorobenzene	10	10.1		ppb v/v		101	64 - 137
2-Butanone	10	8.97		ppb v/v		90	70 - 130
2-Hexanone	10	12.1		ppb v/v		121	57 - 141
3-Chloroprene	10	11.7		ppb v/v		117	70 - 137
4-Ethyltoluene	10	10.9		ppb v/v		109	69 - 139
1,4-Dioxane	10	11.6		ppb v/v		116	70 - 130
4-Methyl-2-pentanone	10	10.3		ppb v/v		103	68 - 133
Acetone	10	9.50		ppb v/v		95	70 - 137
2-Chlorotoluene	10	10.8		ppb v/v		108	70 - 130
Benzene	10	9.38		ppb v/v		94	70 - 130
Bromodichloromethane	10	9.86		ppb v/v		99	70 - 130
Bromoform	10	10.8		ppb v/v		108	60 - 139
Bromomethane	10	8.90		ppb v/v		89	70 - 140
Carbon disulfide	10	8.99		ppb v/v		90	70 - 130
Carbon tetrachloride	10	9.59		ppb v/v		96	70 - 130
Chlorobenzene	10	9.86		ppb v/v		99	70 - 130
Chloroethane	10	9.22		ppb v/v		92	70 - 131
Chloroform	10	10.3		ppb v/v		103	70 - 130
Benzyl chloride	10	12.7		ppb v/v		127	57 - 142

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-724105/4
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	10	8.60		ppb v/v		86	64 - 138
cis-1,2-Dichloroethene	10	10.6		ppb v/v		106	70 - 130
cis-1,3-Dichloropropene	10	10.3		ppb v/v		103	70 - 130
Bromoethene	10	9.74		ppb v/v		97	70 - 130
Dibromochloromethane	10	10.5		ppb v/v		105	70 - 130
Dichlorodifluoromethane	10	9.25		ppb v/v		92	70 - 131
Ethylbenzene	10	10.3		ppb v/v		103	70 - 130
Freon 113	10	11.1		ppb v/v		111	70 - 130
Freon-114	10	9.62		ppb v/v		96	70 - 130
Heptane	10	9.58		ppb v/v		96	70 - 130
Hexane	10	9.91		ppb v/v		99	61 - 130
Isooctane	10	9.62		ppb v/v		96	70 - 130
m&p-Xylene	10	10.4		ppb v/v		104	70 - 130
Cyclohexane	10	10.2		ppb v/v		102	61 - 130
Methyl t-butyl ether	10	11.1		ppb v/v		111	70 - 130
Methylene Chloride	10	10.3		ppb v/v		103	70 - 130
o-Xylene	10	10.2		ppb v/v		102	70 - 130
Styrene	10	10.9		ppb v/v		109	70 - 133
Ethanol	10	14.6		ppb v/v		146	62 - 150
Tetrachloroethene	10	9.97		ppb v/v		100	70 - 140
Ethyl acetate	10	9.16		ppb v/v		92	70 - 130
Toluene	10	9.64		ppb v/v		96	70 - 130
trans-1,2-Dichloroethene	10	10.1		ppb v/v		101	70 - 130
trans-1,3-Dichloropropene	10	12.0		ppb v/v		120	70 - 130
Trichloroethene	10	10.0		ppb v/v		100	70 - 130
Trichlorofluoromethane	10	9.97		ppb v/v		100	70 - 130
Vinyl chloride	10	10.4		ppb v/v		104	70 - 135
Hexachlorobutadiene	10	9.07		ppb v/v		91	40 - 157
Isopropanol	10	9.16		ppb v/v		92	62 - 135
Methyl methacrylate	10	10.9		ppb v/v		109	70 - 130
Propene	10	8.93		ppb v/v		89	58 - 130
tert-Butyl alcohol	11	13.5		ppb v/v		122	50 - 130
Tetrahydrofuran	10	10.4		ppb v/v		104	54 - 143
Vinyl acetate	10	9.55		ppb v/v		95	70 - 137

Lab Sample ID: LCSD 410-724105/5
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	54.6	58.3		ug/m3			-		
1,1,2,2-Tetrachloroethane	68.7	69.9		ug/m3			-		
1,1,2-Trichloroethane	54.6	56.1		ug/m3			-		
1,1-Dichloroethane	40.5	43.0		ug/m3			-		
1,1-Dichloroethene	39.6	50.3		ug/m3			-		
1,2,4-Trichlorobenzene	74.2	81.6		ug/m3			-		
1,2,4-Trimethylbenzene	49.2	49.7		ug/m3			-		
1,2-Dibromoethane	76.8	81.8		ug/m3			-		
1,2-Dichlorobenzene	60.1	58.5		ug/m3			-		

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 410-724105/5
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	40.5	45.4		ug/m3			-		
1,2-Dichloropropane	46.2	47.6		ug/m3			-		
1,3,5-Trimethylbenzene	49.2	51.4		ug/m3			-		
1,3-Butadiene	22.1	22.9		ug/m3			-		
1,3-Dichlorobenzene	60.1	61.1		ug/m3			-		
1,4-Dichlorobenzene	60.1	60.6		ug/m3			-		
2-Butanone	29.5	27.8		ug/m3			-		
2-Hexanone	41.0	50.3		ug/m3			-		
3-Chloroprene	31.3	39.0		ug/m3			-		
4-Ethyltoluene	49.2	54.5		ug/m3			-		
1,4-Dioxane	36.0	42.6		ug/m3			-		
4-Methyl-2-pentanone	41.0	44.7		ug/m3			-		
Acetone	23.8	24.0		ug/m3			-		
2-Chlorotoluene	51.8	56.3		ug/m3			-		
Benzene	31.9	31.0		ug/m3			-		
Bromodichloromethane	67.0	68.0		ug/m3			-		
Bromoform	103	112		ug/m3			-		
Bromomethane	38.8	36.5		ug/m3			-		
Carbon disulfide	31.1	29.2		ug/m3			-		
Carbon tetrachloride	62.9	63.3		ug/m3			-		
Chlorobenzene	46.0	46.0		ug/m3			-		
Chloroethane	26.4	26.1		ug/m3			-		
Chloroform	48.8	53.0		ug/m3			-		
Benzyl chloride	51.8	66.2		ug/m3			-		
Chloromethane	20.7	19.4		ug/m3			-		
cis-1,2-Dichloroethene	39.6	43.9		ug/m3			-		
cis-1,3-Dichloropropene	45.4	48.6		ug/m3			-		
Bromoethene	43.7	45.1		ug/m3			-		
Dibromochloromethane	85.2	89.4		ug/m3			-		
Dichlorodifluoromethane	49.5	48.1		ug/m3			-		
Ethylbenzene	43.4	45.7		ug/m3			-		
Freon 113	76.6	89.5		ug/m3			-		
Freon-114	69.9	69.6		ug/m3			-		
Heptane	41.0	40.7		ug/m3			-		
Hexane	35.2	36.3		ug/m3			-		
Isooctane	46.7	47.3		ug/m3			-		
m&p-Xylene	43.4	46.1		ug/m3			-		
Cyclohexane	34.4	36.7		ug/m3			-		
Methyl t-butyl ether	36.1	41.8		ug/m3			-		
Methylene Chloride	34.7	37.4		ug/m3			-		
o-Xylene	43.4	45.3		ug/m3			-		
Styrene	42.6	47.1		ug/m3			-		
Ethanol	18.8	28.1		ug/m3			-		
Tetrachloroethene	67.8	67.9		ug/m3			-		
Ethyl acetate	36.0	34.5		ug/m3			-		
Toluene	37.7	36.9		ug/m3			-		
trans-1,2-Dichloroethene	39.6	41.5		ug/m3			-		
trans-1,3-Dichloropropene	45.4	54.6		ug/m3			-		
Trichloroethene	53.7	55.4		ug/m3			-		

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 410-724105/5
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Trichlorofluoromethane	56.2	58.7		ug/m3			-		
Vinyl chloride	25.6	27.9		ug/m3			-		
Hexachlorobutadiene	107	99.1		ug/m3			-		
Isopropanol	24.6	23.8		ug/m3			-		
Methyl methacrylate	40.9	46.0		ug/m3			-		
Propene	17.2	16.7		ug/m3			-		
tert-Butyl alcohol	33.6	42.7		ug/m3			-		
Tetrahydrofuran	29.5	32.4		ug/m3			-		
Vinyl acetate	35.2	34.8		ug/m3			-		

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	10	10.7		ppb v/v			-		
1,1,2,2-Tetrachloroethane	10	10.2		ppb v/v			-		
1,1,2-Trichloroethane	10	10.3		ppb v/v			-		
1,1-Dichloroethane	10	10.6		ppb v/v			-		
1,1-Dichloroethene	10	12.7		ppb v/v			-		
1,2,4-Trichlorobenzene	10	11.0		ppb v/v			-		
1,2,4-Trimethylbenzene	10	10.1		ppb v/v			-		
1,2-Dibromoethane	10	10.6		ppb v/v			-		
1,2-Dichlorobenzene	10	9.72		ppb v/v			-		
1,2-Dichloroethane	10	11.2		ppb v/v			-		
1,2-Dichloropropane	10	10.3		ppb v/v			-		
1,3,5-Trimethylbenzene	10	10.5		ppb v/v			-		
1,3-Butadiene	10	10.4		ppb v/v			-		
1,3-Dichlorobenzene	10	10.2		ppb v/v			-		
1,4-Dichlorobenzene	10	10.1		ppb v/v			-		
2-Butanone	10	9.42		ppb v/v			-		
2-Hexanone	10	12.3		ppb v/v			-		
3-Chloroprene	10	12.5		ppb v/v			-		
4-Ethyltoluene	10	11.1		ppb v/v			-		
1,4-Dioxane	10	11.8		ppb v/v			-		
4-Methyl-2-pentanone	10	10.9		ppb v/v			-		
Acetone	10	10.1		ppb v/v			-		
2-Chlorotoluene	10	10.9		ppb v/v			-		
Benzene	10	9.69		ppb v/v			-		
Bromodichloromethane	10	10.1		ppb v/v			-		
Bromoform	10	10.8		ppb v/v			-		
Bromomethane	10	9.40		ppb v/v			-		
Carbon disulfide	10	9.39		ppb v/v			-		
Carbon tetrachloride	10	10.1		ppb v/v			-		
Chlorobenzene	10	9.98		ppb v/v			-		
Chloroethane	10	9.88		ppb v/v			-		
Chloroform	10	10.9		ppb v/v			-		
Benzyl chloride	10	12.8		ppb v/v			-		
Chloromethane	10	9.40		ppb v/v			-		
cis-1,2-Dichloroethene	10	11.1		ppb v/v			-		
cis-1,3-Dichloropropene	10	10.7		ppb v/v			-		
Bromoethene	10	10.3		ppb v/v			-		
Dibromochloromethane	10	10.5		ppb v/v			-		

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 410-724105/5
Matrix: Air
Analysis Batch: 724105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorodifluoromethane	10	9.72		ppb v/v			-		
Ethylbenzene	10	10.5		ppb v/v			-		
Freon 113	10	11.7		ppb v/v			-		
Freon-114	10	9.96		ppb v/v			-		
Heptane	10	9.94		ppb v/v			-		
Hexane	10	10.3		ppb v/v			-		
Isooctane	10	10.1		ppb v/v			-		
m&p-Xylene	10	10.6		ppb v/v			-		
Cyclohexane	10	10.7		ppb v/v			-		
Methyl t-butyl ether	10	11.6		ppb v/v			-		
Methylene Chloride	10	10.8		ppb v/v			-		
o-Xylene	10	10.4		ppb v/v			-		
Styrene	10	11.1		ppb v/v			-		
Ethanol	10	14.9		ppb v/v			-		
Tetrachloroethene	10	10.0		ppb v/v			-		
Ethyl acetate	10	9.57		ppb v/v			-		
Toluene	10	9.80		ppb v/v			-		
trans-1,2-Dichloroethene	10	10.5		ppb v/v			-		
trans-1,3-Dichloropropene	10	12.0		ppb v/v			-		
Trichloroethene	10	10.3		ppb v/v			-		
Trichlorofluoromethane	10	10.4		ppb v/v			-		
Vinyl chloride	10	10.9		ppb v/v			-		
Hexachlorobutadiene	10	9.29		ppb v/v			-		
Isopropanol	10	9.70		ppb v/v			-		
Methyl methacrylate	10	11.2		ppb v/v			-		
Propene	10	9.69		ppb v/v			-		
tert-Butyl alcohol	11	14.1		ppb v/v			-		
Tetrahydrofuran	10	11.0		ppb v/v			-		
Vinyl acetate	10	9.90		ppb v/v			-		

QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Air - GC/MS VOA

Analysis Batch: 724105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-248624-1	RCS-Aeration Tank Air	Total/NA	Air	TO-15	
410-248624-1	RCS-Aeration Tank Air	Total/NA	Air	TO-15	
410-248624-2	RCS-Lead Carbon Effluent	Total/NA	Air	TO-15	
410-248624-3	RCS-Lag Carbon Effluent	Total/NA	Air	TO-15	
410-248624-4	RCS-Combined Influent	Total/NA	Air	TO-15	
410-248624-5	RCS-Before Carbon	Total/NA	Air	TO-15	
MB 410-724105/7	Method Blank	Total/NA	Air	TO-15	
LCS 410-724105/4	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 410-724105/5	Lab Control Sample Dup	Total/NA	Air	TO-15	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-248624-1

Client Sample ID: RCS-Aeration Tank Air

Lab Sample ID: 410-248624-1

Date Collected: 10/21/25 08:54
Matrix: Air
Date Received: 10/21/25 19:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		4	724105	JXC9	ELLE	11/04/25 13:34
Total/NA	Analysis	TO-15		40	724105	JXC9	ELLE	11/04/25 15:21

Client Sample ID: RCS-Lead Carbon Effluent

Lab Sample ID: 410-248624-2

Date Collected: 10/21/25 08:56
Matrix: Air
Date Received: 10/21/25 19:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		10	724105	JXC9	ELLE	11/04/25 13:56

Client Sample ID: RCS-Lag Carbon Effluent

Lab Sample ID: 410-248624-3

Date Collected: 10/21/25 08:58
Matrix: Air
Date Received: 10/21/25 19:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		4	724105	JXC9	ELLE	11/04/25 14:18

Client Sample ID: RCS-Combined Influent

Lab Sample ID: 410-248624-4

Date Collected: 10/21/25 09:00
Matrix: Air
Date Received: 10/21/25 19:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		10	724105	JXC9	ELLE	11/04/25 14:40

Client Sample ID: RCS-Before Carbon

Lab Sample ID: 410-248624-5

Date Collected: 10/21/25 08:50
Matrix: Air
Date Received: 10/21/25 19:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		40	724105	JXC9	ELLE	11/04/25 15:00

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-248624-1
Project/Site: EMGPRP-31097

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	2-Hexanone
TO-15		Air	4-Ethyltoluene
TO-15		Air	Ethanol
TO-15		Air	Ethyl acetate
TO-15		Air	Propene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-248624-1
Project/Site: EMGPRP-31097

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Summa Canister Field Test Data

410-248624 Chain of Custody

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For Eurofins Lancaster Laboratories Environmental use only

Acct. # _____ Group # _____ Sample # _____ Bottle Order (SCR) # _____

Client Information

Client Information: Roux Environmental Engineering and Geology, D.P.C. Account #

Project Name/#: EMGPRP-31097 Eurofins - EMES Agreement #: A2604415

Project Manager: Jacqueline Carames P.O. #: WAL#5199

Sampler: Mike Smith Quote #:

Name of state where samples were collected: NY

Turnaround Time Requested (TAT) (circle one)

(Standard) Rush (specify) _____

Data Package Required? Yes (No)

EDD Required? (Yes) No

	Temperature (F)		Pressure ("Hg)	
	Start	Stop	Start	Stop
Ambient				
Maximum				
Minimum				

Sample Identification	Start Date/Time (24-hour clock)		Stop Date/Time (24-hour clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Flow Reg. ID	Can ID	Can Size (L)	Controller Flowrate (mL/min)	Analyses Requested: EPA TO - 15	EPA 18/EPA 25 (TPH and methane)		Helium as tracer	O2/CO2	Library Search	
RCS-Aeration Tank Air	10/21/2025	8:54	--	-30	--			Grab	2028	1	--	X						
RCS-Lead Carbon Effluent	10/21/2025	8:56	--	-30	--			Grab	2074	1	--	X						
RCS-Lag Carbon Effluent	10/21/2025	8:58	--	-30	--			Grab	2059	1	--	X						
RCS-Combined Influent	10/21/2025	9:00	--	-30	--			Grab	2058	1	--	X						
RCS-Before Carbon	10/21/2025	8:50	--	-30	--			Grab	2123	1	--	X						

Instructions/QC Requirements & Comments

EPA 25 (check one) ☐ C1 - C4 ☐ C2 - C10 ☐ C1 - C10 ☐ C4 - C10 (GRO) ☐ C2 - C4

Canisters Shipped by:	Date/Time:	Canisters Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
				[illegible]	10/21/25	Clarence Williams	10/21/25 1430
Relinquished by: Clarence Williams	Date/Time: 10/21/25 1925	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time: 10/22/25 19:25

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The white copy should accompany samples to Eurofins Lancaster Laboratories Environmental. The yellow copy should be retained by the client.

received unchilled

7056 1015

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 410-248624-1

Login Number: 248624

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Renner, Melissa

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	N/A	
Cooler Temperature is recorded.	N/A	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-248624-1
Project/Site: EMGPRP-31097

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Summa Canister Dilution Worksheet

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job No.: 410-248624-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
410-248624-1	1	-0.26	0.99	0.99	14.34	1.98	1.98		1.99	1.99		10/23/25 21:33	XU8K
410-248624-2	1	1.06	1.04	1.04	15.67	2.07	2.07		2.00	2.00		10/23/25 21:33	XU8K
410-248624-3	1	0.62	1.02	1.02	15.18	2.03	2.03		1.99	1.99		10/23/25 21:34	XU8K
410-248624-4	1	0.63	1.02	1.02	15.15	2.03	2.03		1.99	1.99		10/23/25 21:34	XU8K
410-248624-5	1	-1.65	0.94	0.94	13.06	1.89	1.89		2.00	2.00		10/23/25 21:35	XU8K

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2008 Lab Sample ID: 410-233912-1

Matrix: Air Lab File ID: 7L14X16.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 21:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.26	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2008 Lab Sample ID: 410-233912-1

Matrix: Air Lab File ID: 7L14X16.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 21:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2008 Lab Sample ID: 410-233912-1

Matrix: Air Lab File ID: 7L14X16.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 21:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2008 Lab Sample ID: 410-233912-1

Matrix: Air Lab File ID: 7L14X16.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 21:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D
Lims ID: 410-233912-A-1
Client ID: 2008
Sample Type: Client
Inject. Date: 14-Jul-2025 21:27:09 ALS Bottle#: 11 Worklist Smp#: 42
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: CCN9942
Misc. Info.: 410-0153358-013
Operator ID: jts91224 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 10-Aug-2025 19:47:51 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: D7UM Date: 22-Jul-2025 10:47:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.312	0.000	94	3802	0.1363	M
15 Acrolein	56	6.163	6.148	0.014	70	4754	0.2576	7M
18 Acetone	43	6.377	6.377	0.000	100	147109	2.15	
21 Isopropyl alcohol	45	6.592	6.585	0.007	94	15320	0.2578	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	91	7173	0.2570	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	660563	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2481591	10.0	
70 2-Hexanone	43	13.720	13.727	-0.007	90	9189	0.0967	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2233373	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:42 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D

Injection Date: 14-Jul-2025 21:27:09 Instrument ID: HP8R004

Lims ID: 410-233912-A-1 Lab Sample ID: 410-233912-1

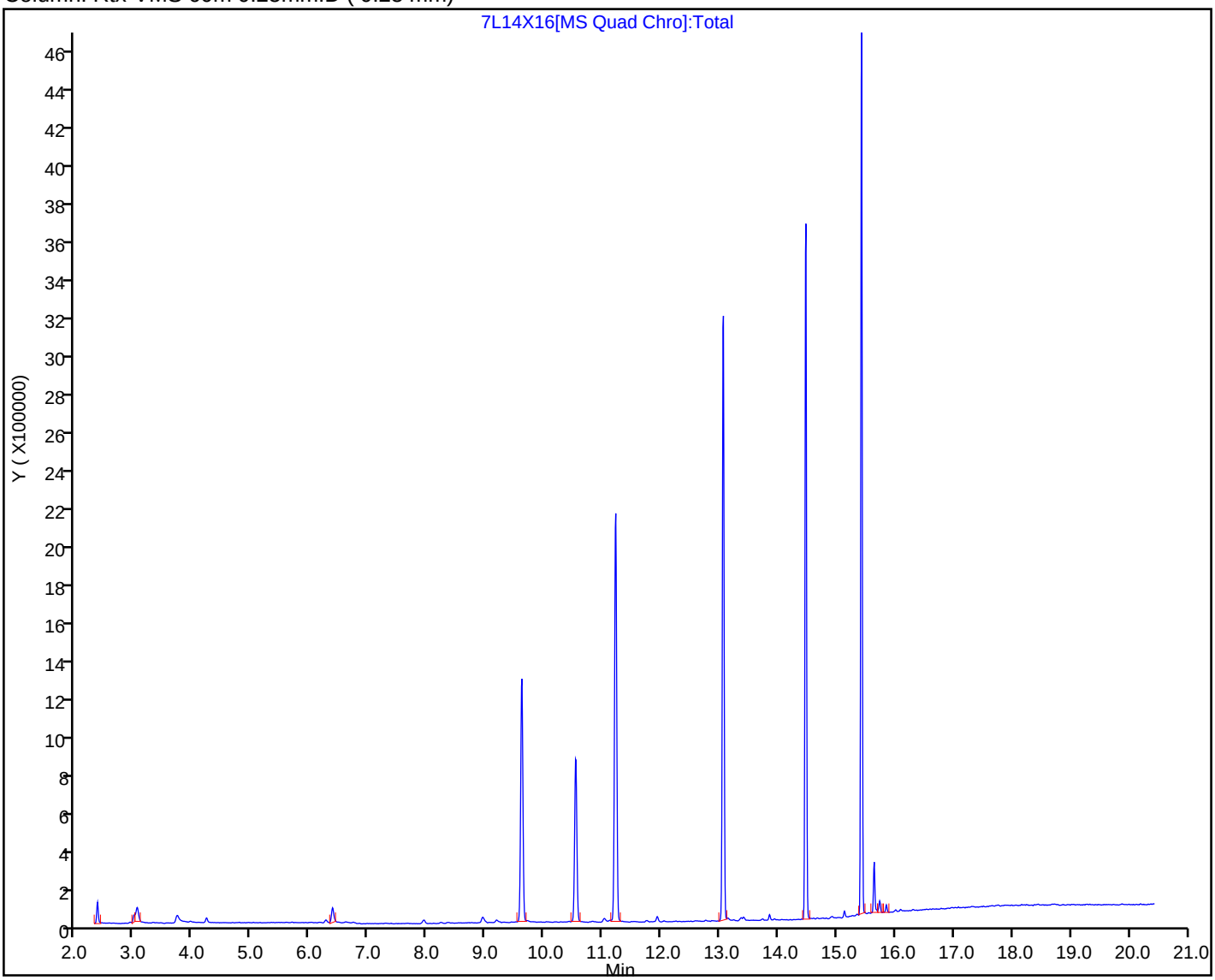
Client ID: 2008

Operator ID: jts91224 ALS Bottle#: 11 Worklist Smp#: 42

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

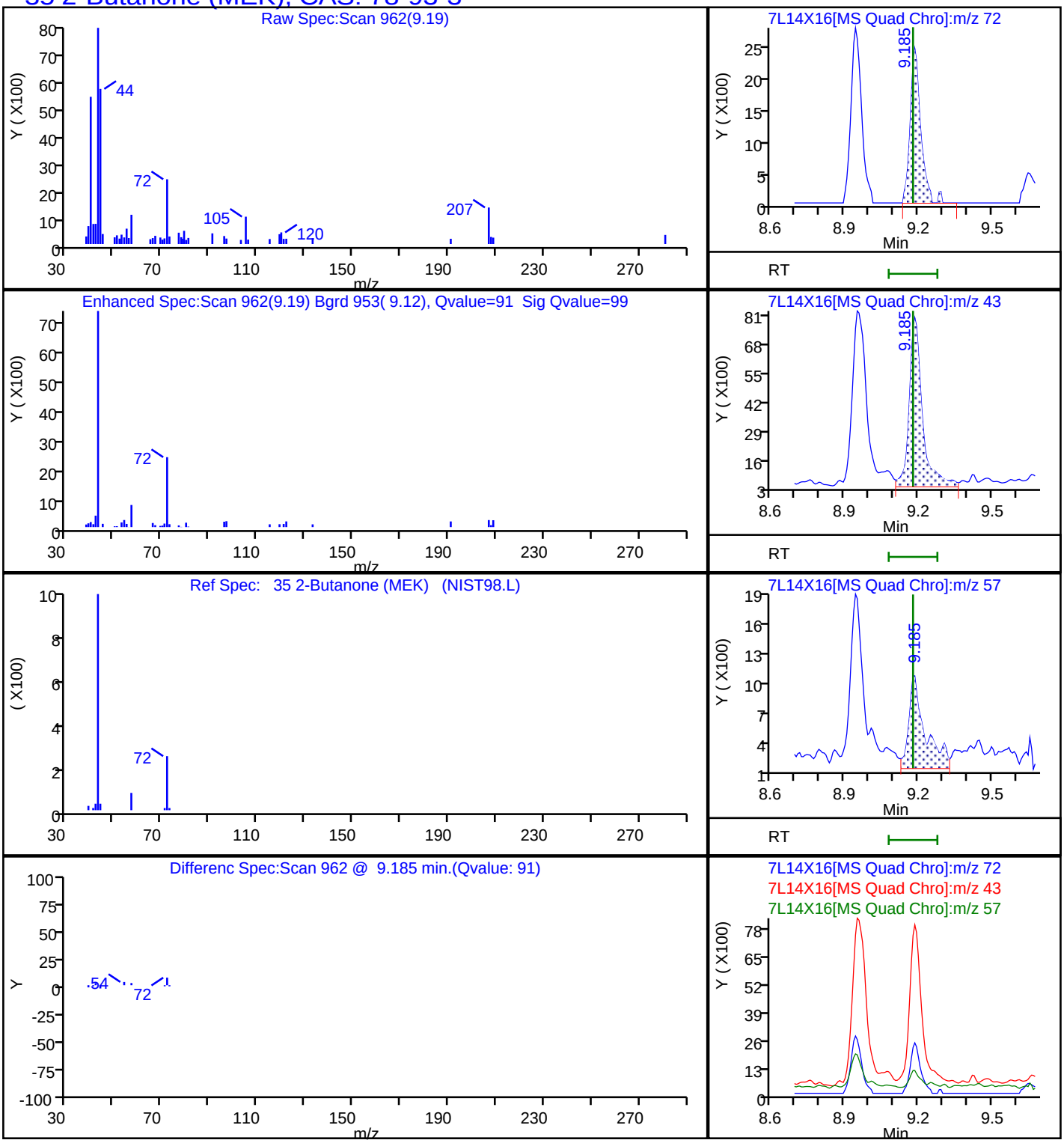


Report Date: 10-Aug-2025 19:48:43 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D				
Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

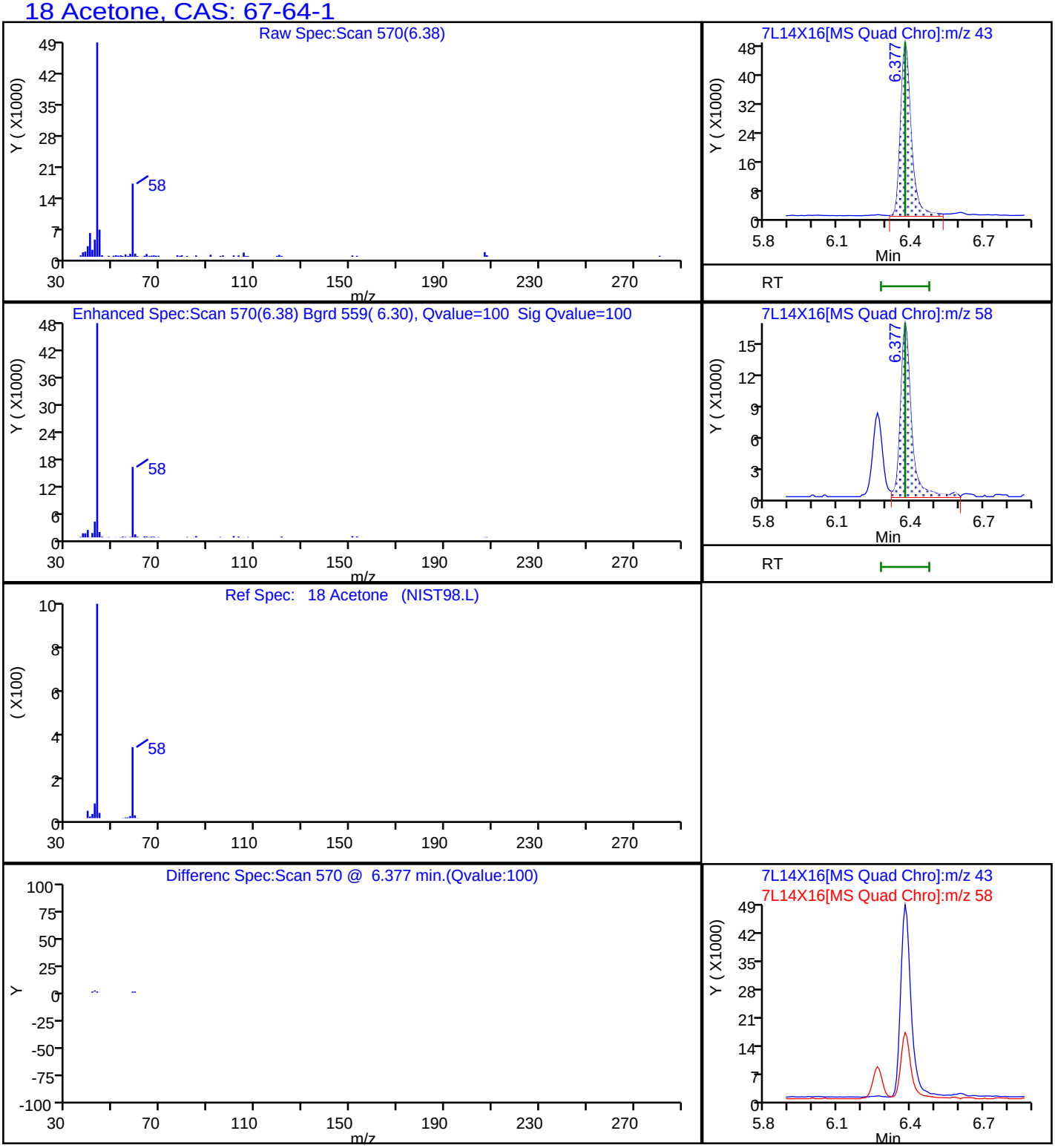


Report Date: 10-Aug-2025 19:48:42 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D				
Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1



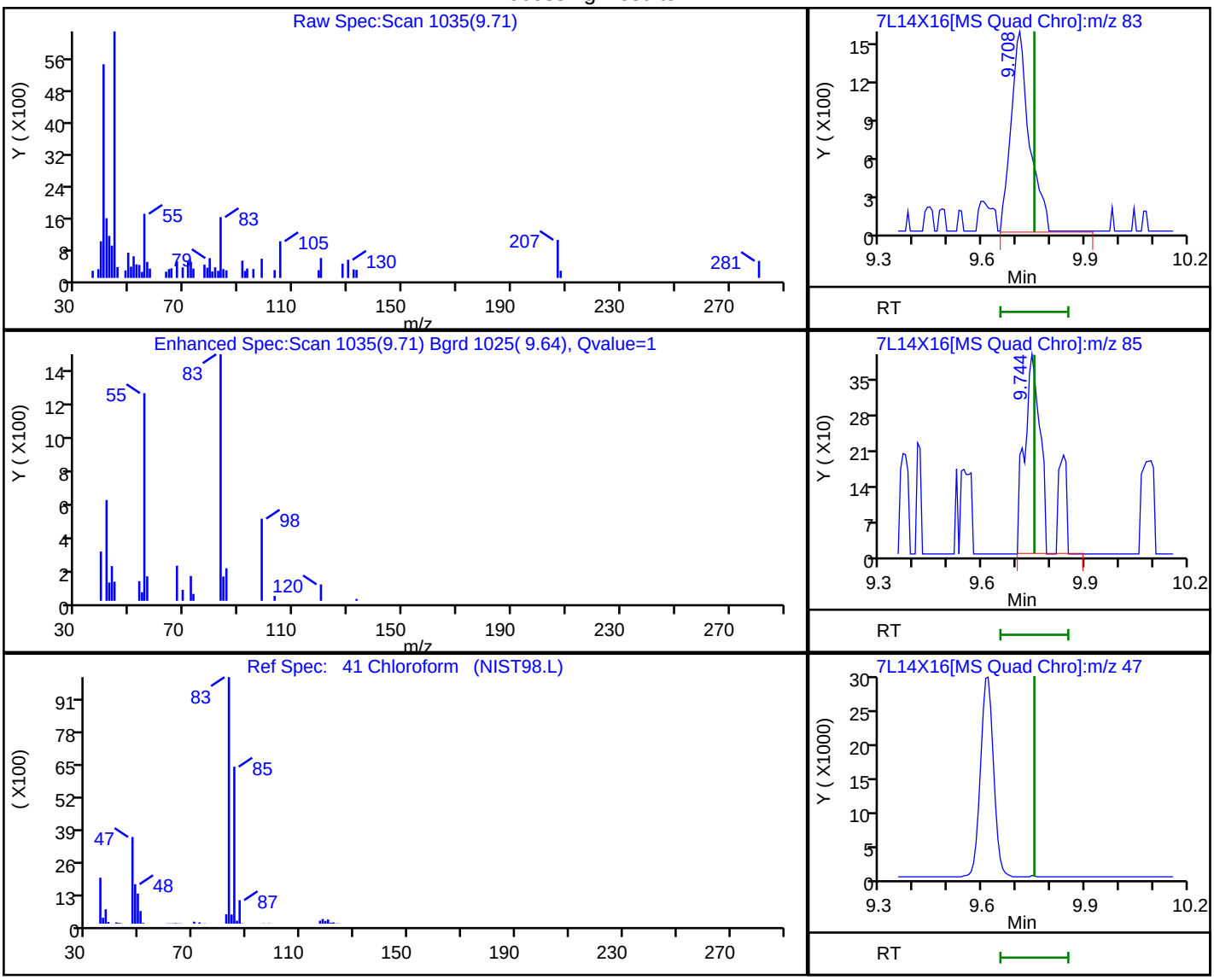
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D				
Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

41 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
9.71	83.00	5804	0.049598
9.74	85.00	1544	
9.75	47.00	0	

Reviewer: D7UM, 22-Jul-2025 10:45:47 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

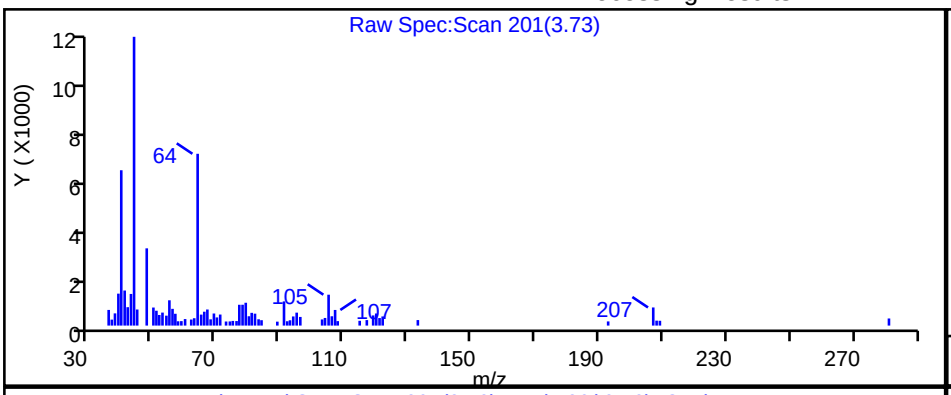
User Disabled Compound Report

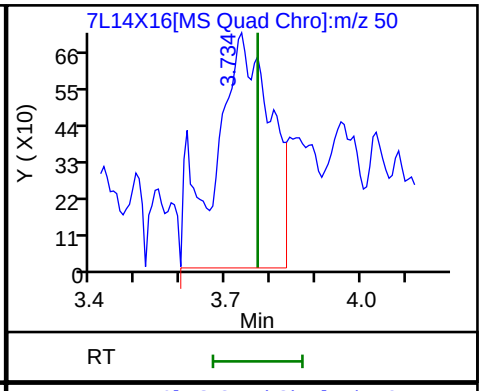
Eurofins Lancaster Laboratories Environment Testing, LLC

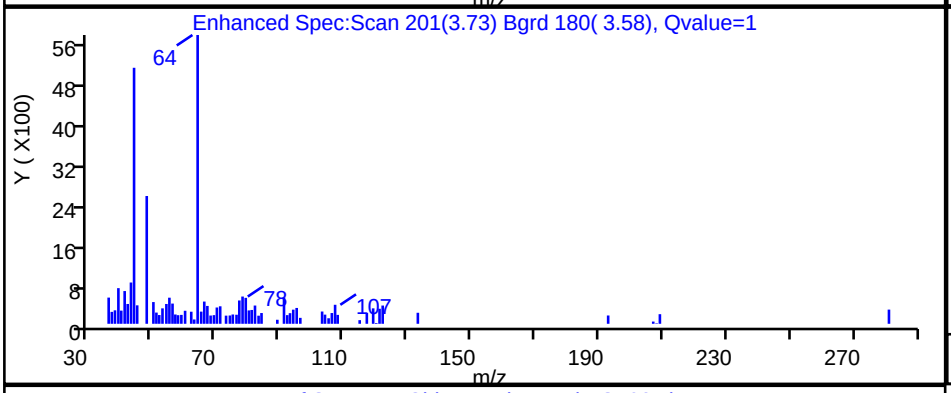
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Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

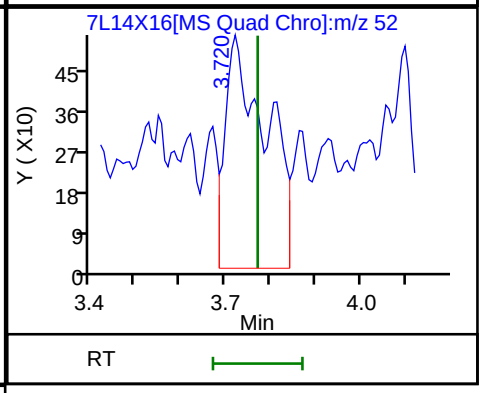
5 Chloromethane, CAS: 74-87-3

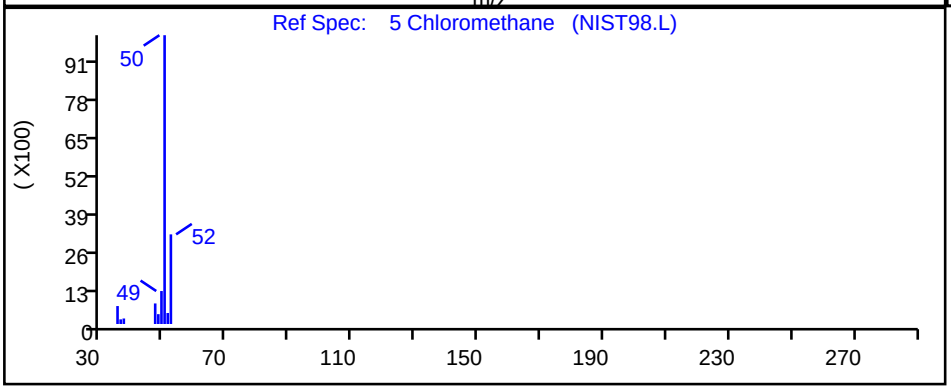
Processing Results











RT	Mass	Response	Amount
3.73	50.00	6066	0.164735
3.72	52.00	3302	

Reviewer: D7UM, 22-Jul-2025 10:45:20 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

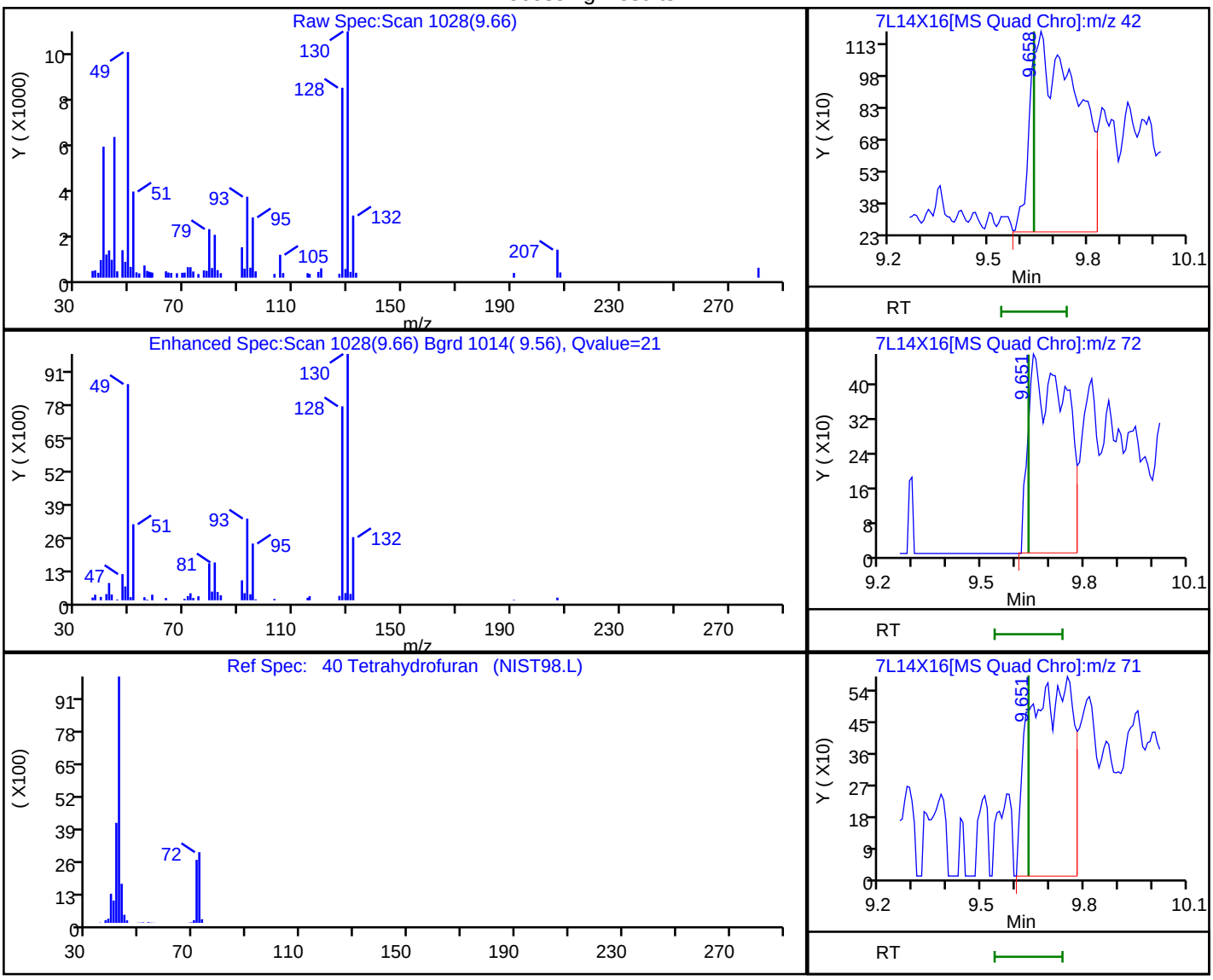
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D				
Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.66	42.00	9274	0.167598
9.65	72.00	3404	
9.65	71.00	4961	

Reviewer: D7UM, 22-Jul-2025 10:45:43 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

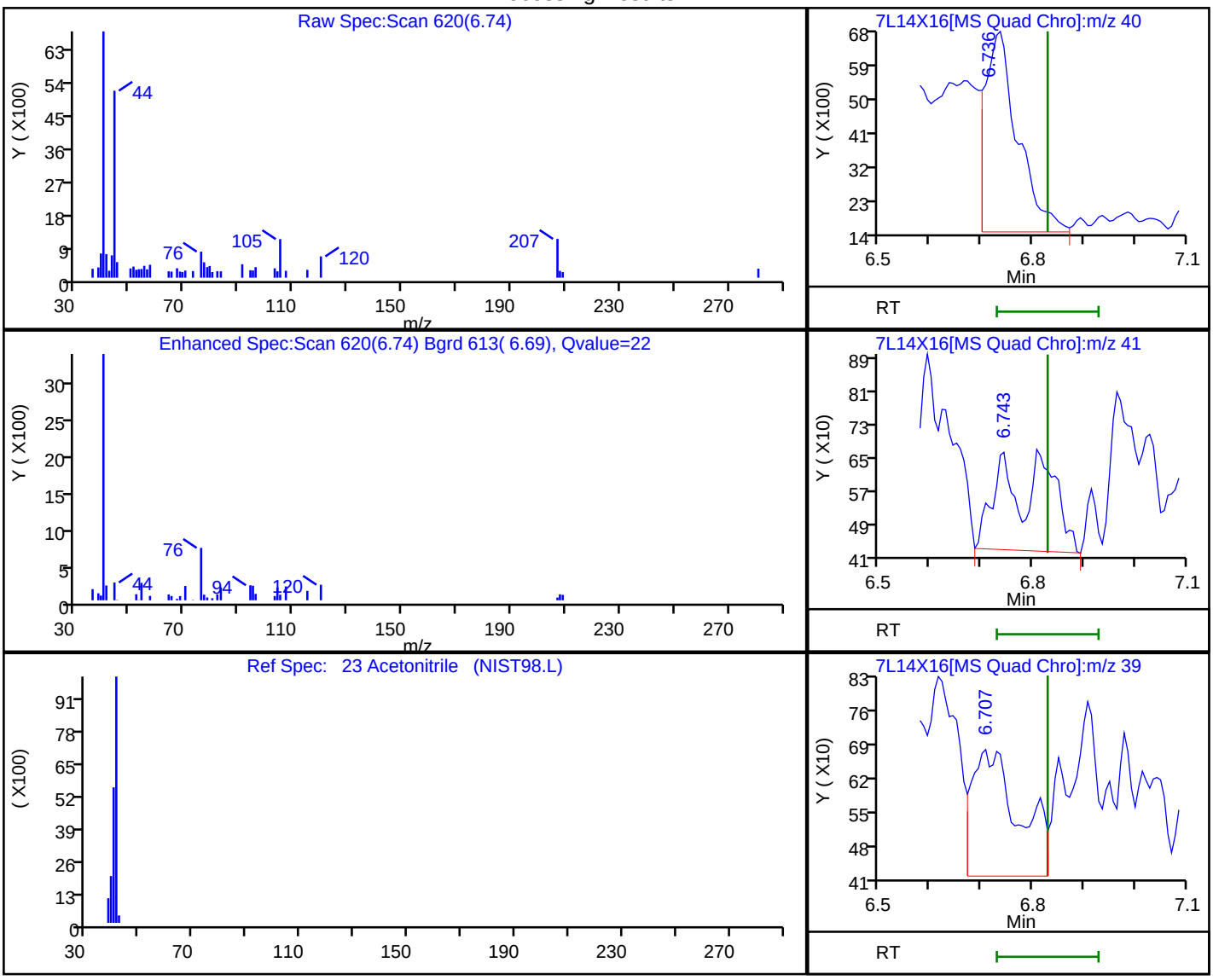
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D				
Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
6.74	40.00	22589	1.338070
6.74	41.00	1554	
6.71	39.00	1627	

Reviewer: D7UM, 22-Jul-2025 10:45:36 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

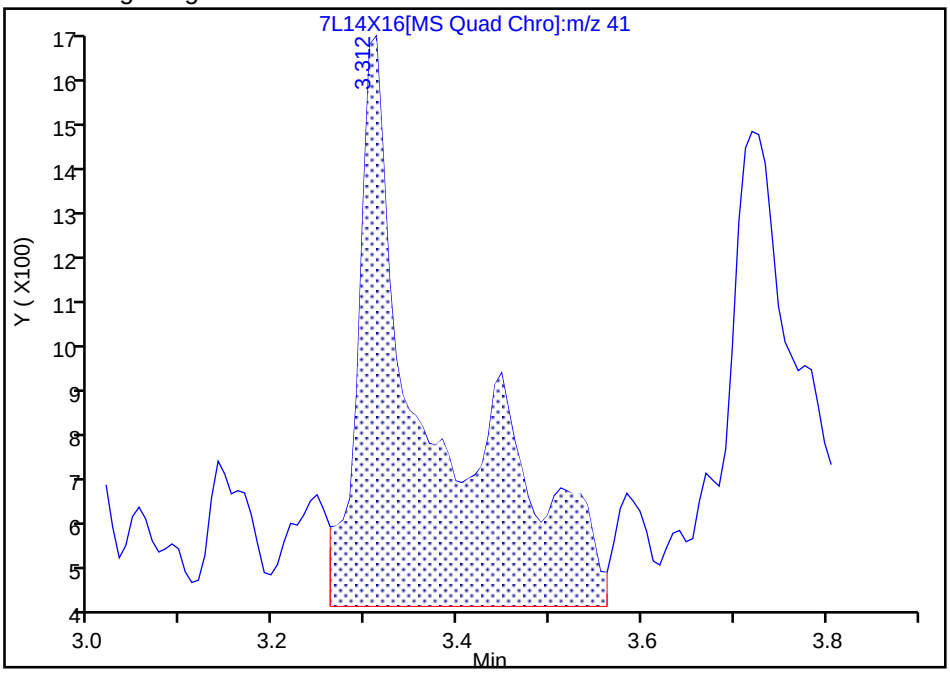
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Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

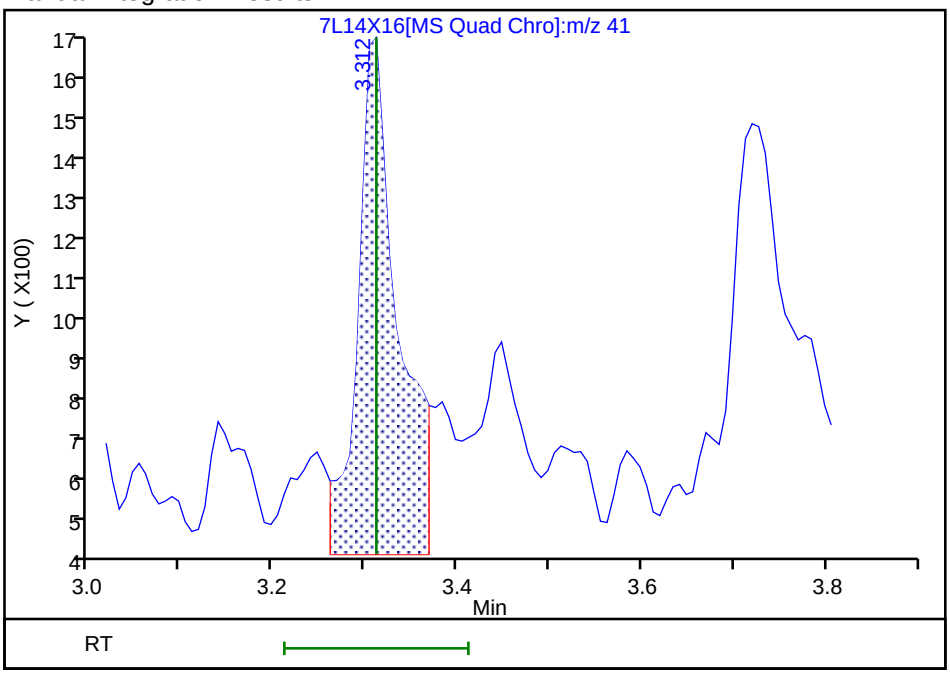
Processing Integration Results

RT: 3.31
Area: 7184
Amount: 0.257498
Amount Units: ppb v/v



Manual Integration Results

RT: 3.31
Area: 3802
Amount: 0.136276
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 10:45:11 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

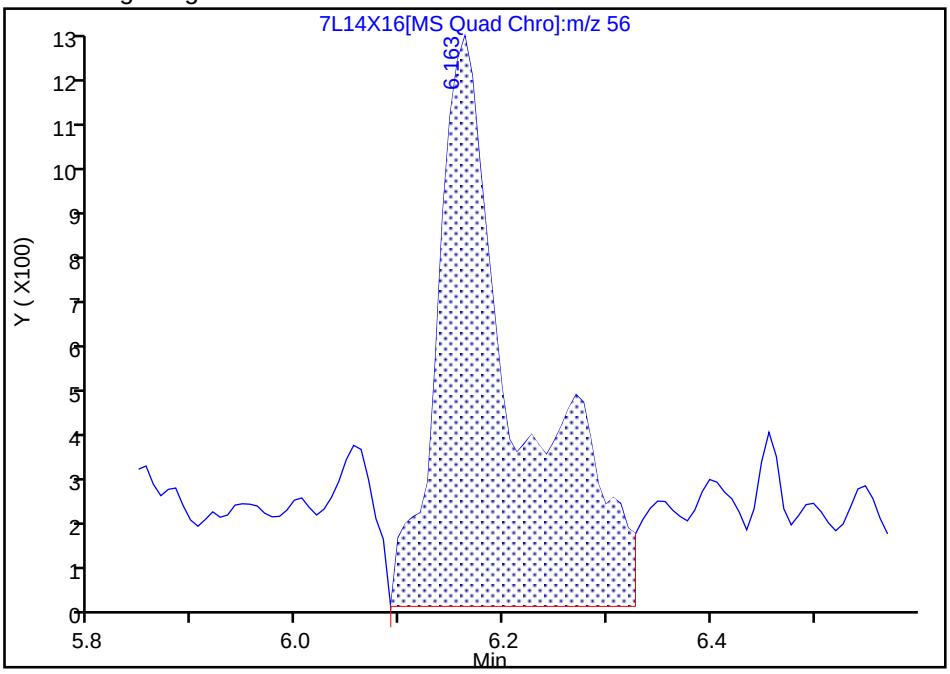
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X16.D				
Injection Date:	14-Jul-2025 21:27:09	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-1	Lab Sample ID:	410-233912-1		
Client ID:	2008				
Operator ID:	jts91224	ALS Bottle#:	11	Worklist Smp#:	42
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

15 Acrolein, CAS: 107-02-8

Signal: 1

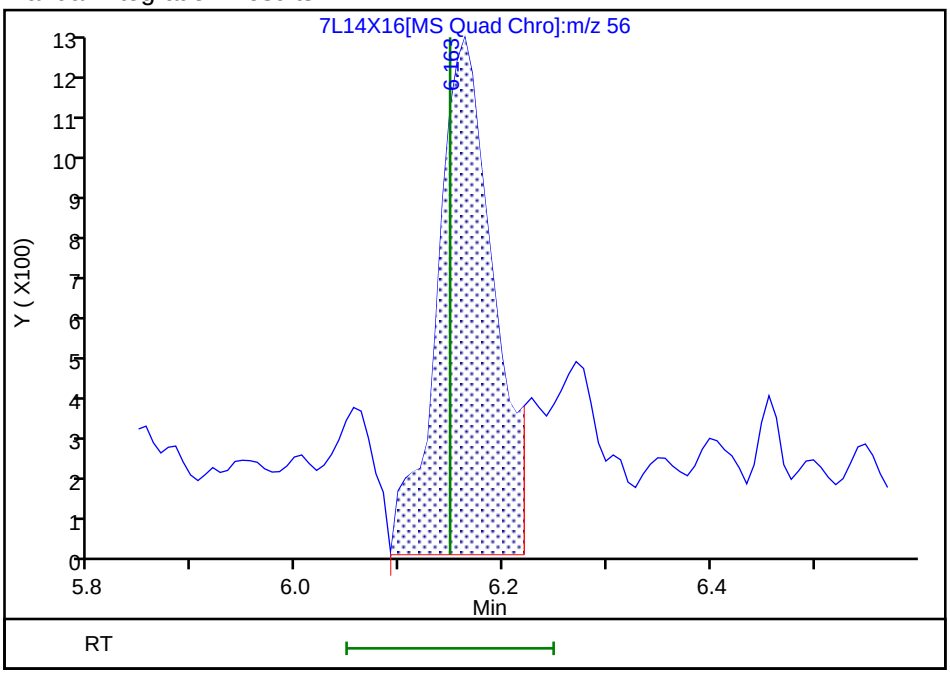
Processing Integration Results

RT: 6.16
Area: 6907
Amount: 0.389744
Amount Units: ppb v/v



Manual Integration Results

RT: 6.16
Area: 4754
Amount: 0.257583
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 10:45:27 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2050 Lab Sample ID: 410-233912-2

Matrix: Air Lab File ID: 7L14X17.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2050 Lab Sample ID: 410-233912-2

Matrix: Air Lab File ID: 7L14X17.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2050 Lab Sample ID: 410-233912-2

Matrix: Air Lab File ID: 7L14X17.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2050 Lab Sample ID: 410-233912-2

Matrix: Air Lab File ID: 7L14X17.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X17.D				
Lims ID:	410-233912-A-2				
Client ID:	2050				
Sample Type:	Client				
Inject. Date:	14-Jul-2025 22:04:57	ALS Bottle#:	12	Worklist Smp#:	43
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	CCN9997				
Misc. Info.:	410-0153358-014				
Operator ID:	jts91224	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	10-Aug-2025 19:47:51	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1685				
First Level Reviewer: D7UM		Date:	22-Jul-2025 10:48:17		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	6.385	6.377	0.008	99	44085	0.6570	
21 Isopropyl alcohol	45	6.600	6.585	0.015	97	27921	0.4797	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	647017	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2445383	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2183271	10.0	

QC Flag Legend

Processing Flags

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:44 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X17.D

Injection Date: 14-Jul-2025 22:04:57 Instrument ID: HP8R004

Lims ID: 410-233912-A-2 Lab Sample ID: 410-233912-2

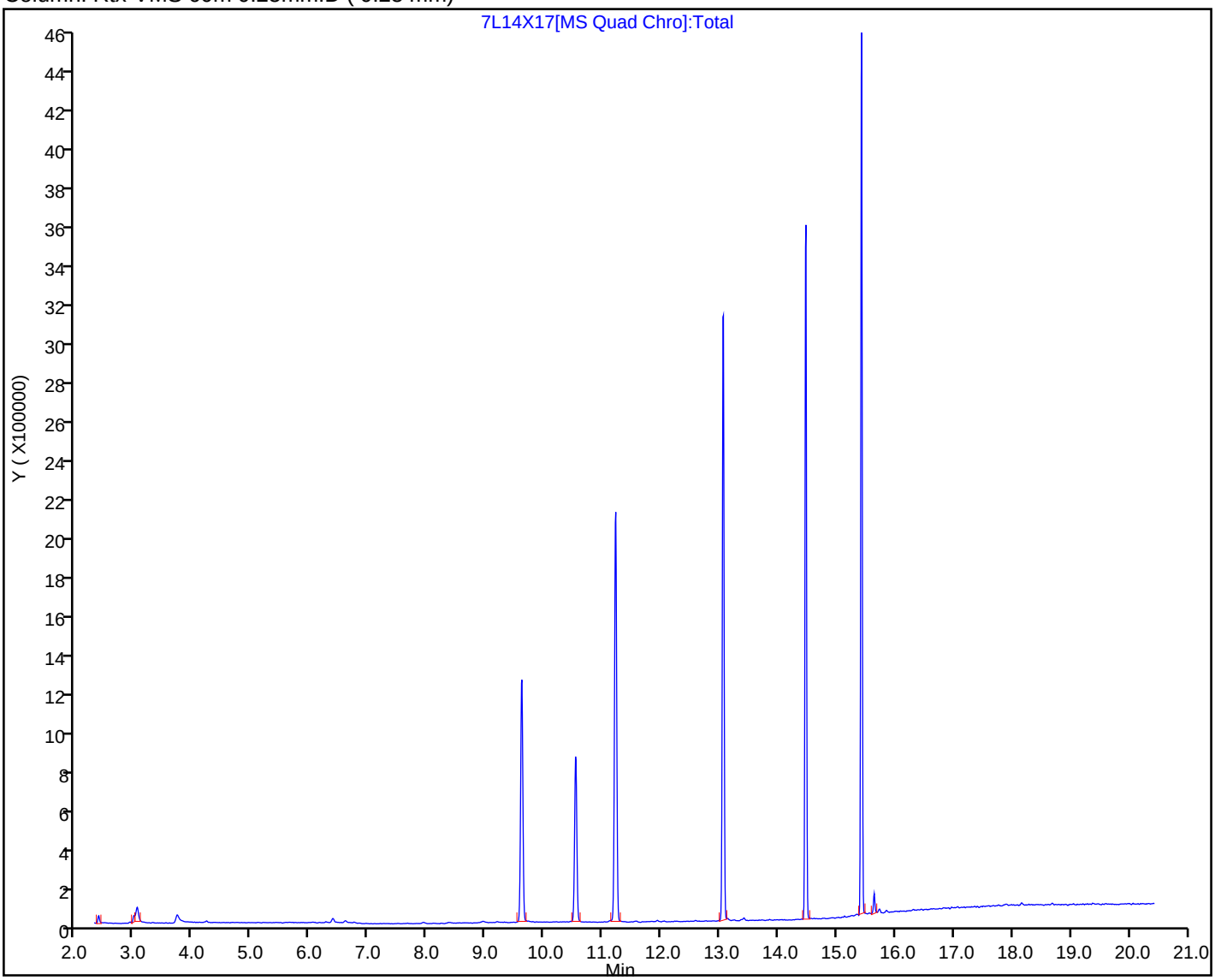
Client ID: 2050

Operator ID: jts91224 ALS Bottle#: 12 Worklist Smp#: 43

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



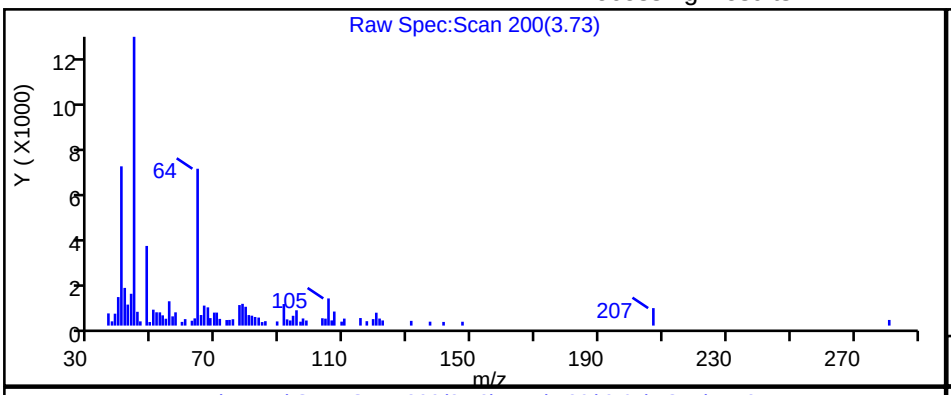
User Disabled Compound Report

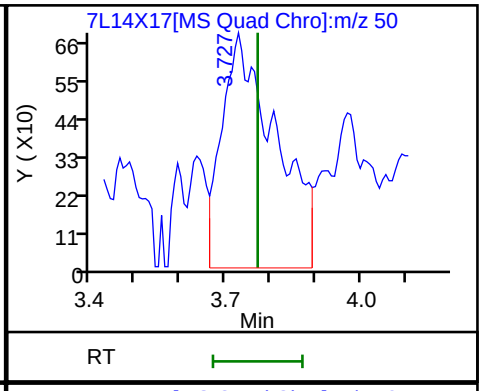
Eurofins Lancaster Laboratories Environment Testing, LLC

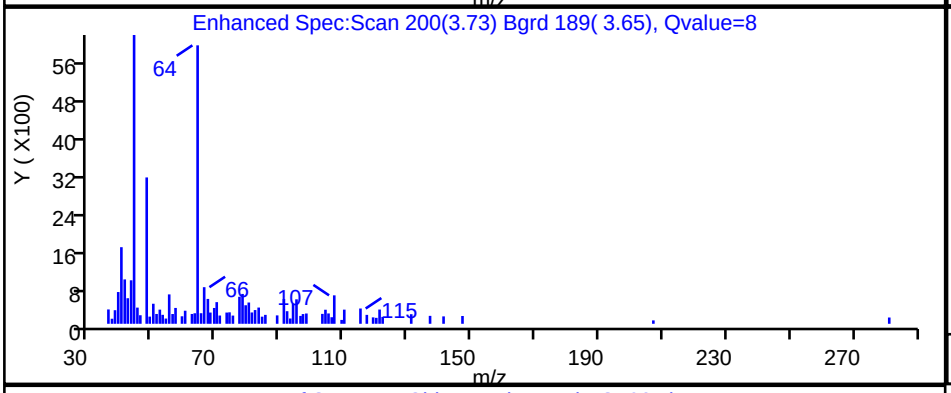
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Injection Date:	14-Jul-2025 22:04:57	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-2	Lab Sample ID:	410-233912-2		
Client ID:	2050				
Operator ID:	jts91224	ALS Bottle#:	12	Worklist Smp#:	43
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

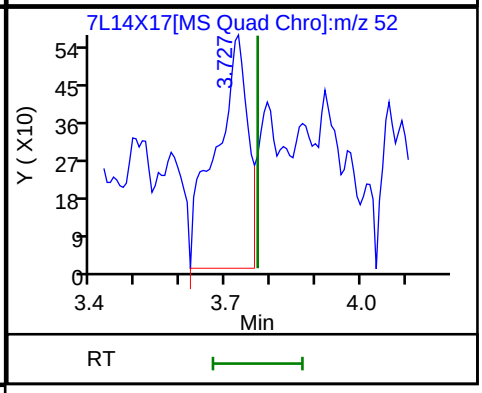
5 Chloromethane, CAS: 74-87-3

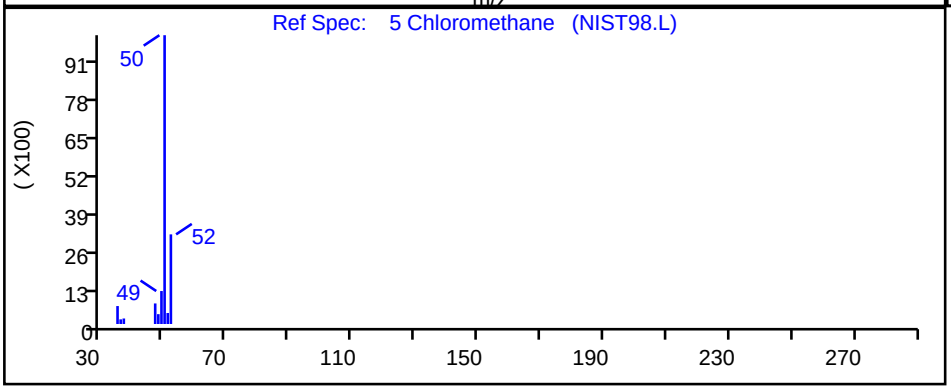
Processing Results











RT	Mass	Response	Amount
3.73	50.00	5651	0.156677
3.73	52.00	2790	

Reviewer: D7UM, 22-Jul-2025 10:47:10 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

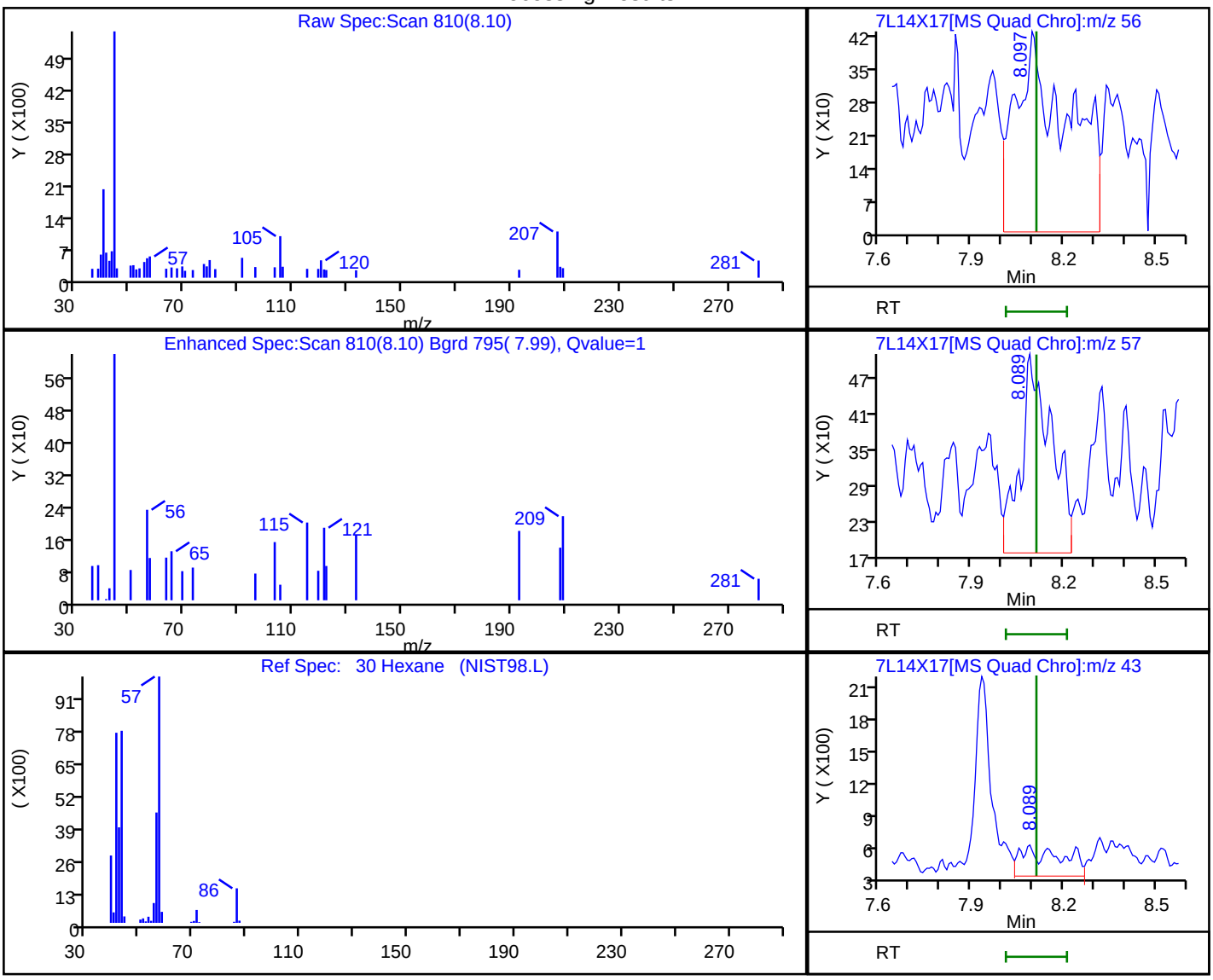
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X17.D				
Injection Date:	14-Jul-2025 22:04:57	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-2	Lab Sample ID:	410-233912-2		
Client ID:	2050				
Operator ID:	jts91224	ALS Bottle#:	12	Worklist Smp#:	43
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

30 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
8.10	56.00	5050	0.123223
8.09	57.00	2342	
8.09	43.00	2613	
8.11	86.00	0	

Reviewer: D7UM, 22-Jul-2025 10:47:56 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

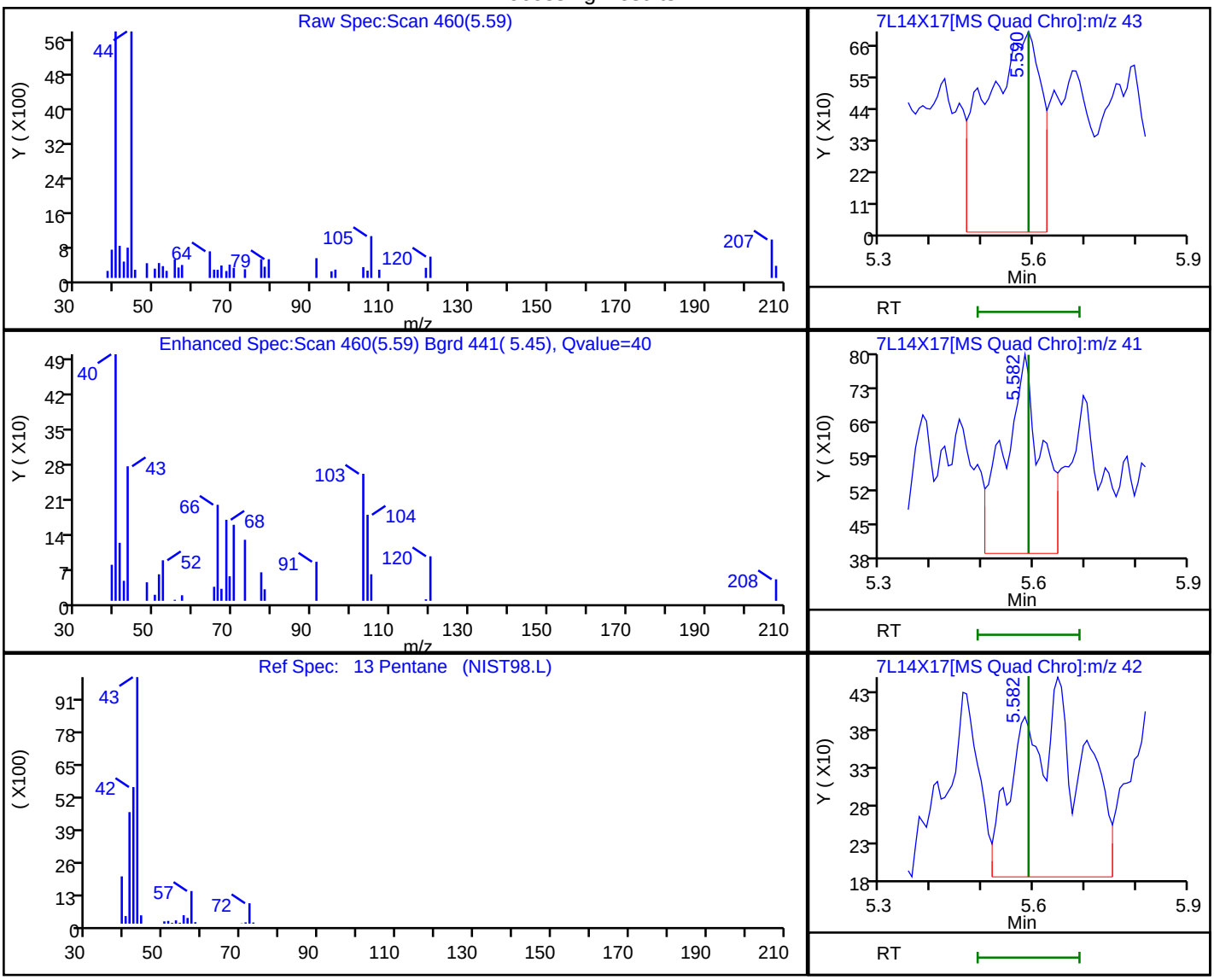
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X17.D				
Injection Date:	14-Jul-2025 22:04:57	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-2	Lab Sample ID:	410-233912-2		
Client ID:	2050				
Operator ID:	jts91224	ALS Bottle#:	12	Worklist Smp#:	43
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
5.59	43.00	5178	0.069437
5.58	41.00	2046	
5.58	42.00	2140	

Reviewer: D7UM, 22-Jul-2025 10:47:13 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

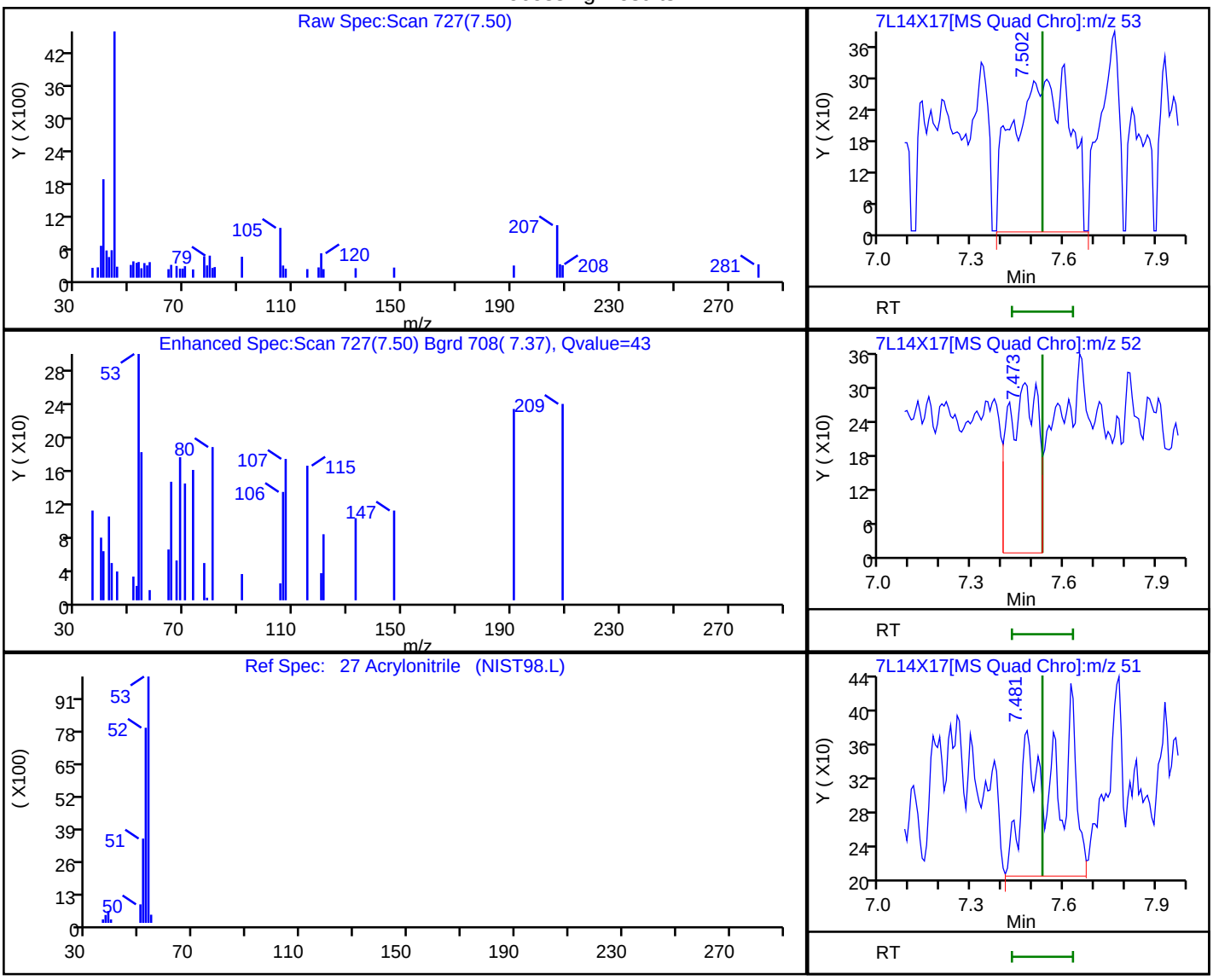
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X17.D				
Injection Date:	14-Jul-2025 22:04:57	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-2	Lab Sample ID:	410-233912-2		
Client ID:	2050				
Operator ID:	jts91224	ALS Bottle#:	12	Worklist Smp#:	43
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

27 Acrylonitrile, CAS: 107-13-1

Processing Results



RT	Mass	Response	Amount
7.50	53.00	3853	0.094146
7.47	52.00	1979	
7.48	51.00	1488	

Reviewer: D7UM, 22-Jul-2025 10:47:54 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2011 Lab Sample ID: 410-233912-3

Matrix: Air Lab File ID: 7L14X18.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.30	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.5	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2011 Lab Sample ID: 410-233912-3

Matrix: Air Lab File ID: 7L14X18.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2011 Lab Sample ID: 410-233912-3

Matrix: Air Lab File ID: 7L14X18.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	0.84	J	1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2011 Lab Sample ID: 410-233912-3

Matrix: Air Lab File ID: 7L14X18.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 22:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D
Lims ID: 410-233912-A-3
Client ID: 2011
Sample Type: Client
Inject. Date: 14-Jul-2025 22:42:40 ALS Bottle#: 13 Worklist Smp#: 44
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: CCN9958
Misc. Info.: 410-0153358-015
Operator ID: jts91224 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 10-Aug-2025 19:47:51 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: D7UM Date: 22-Jul-2025 10:48:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.304	3.312	-0.008	67	3387	0.1232	
15 Acrolein	56	6.155	6.148	0.007	34	4625	0.2543	7M
18 Acetone	43	6.377	6.377	0.000	99	169640	2.51	
21 Isopropyl alcohol	45	6.592	6.585	0.007	74	49047	0.8374	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	94	8189	0.2977	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	651050	10.0	
* 51 1,4-Difluorobenzene	114	11.219	11.220	-0.001	94	2436102	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2184989	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:46 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D

Injection Date: 14-Jul-2025 22:42:40 Instrument ID: HP8R004

Lims ID: 410-233912-A-3 Lab Sample ID: 410-233912-3

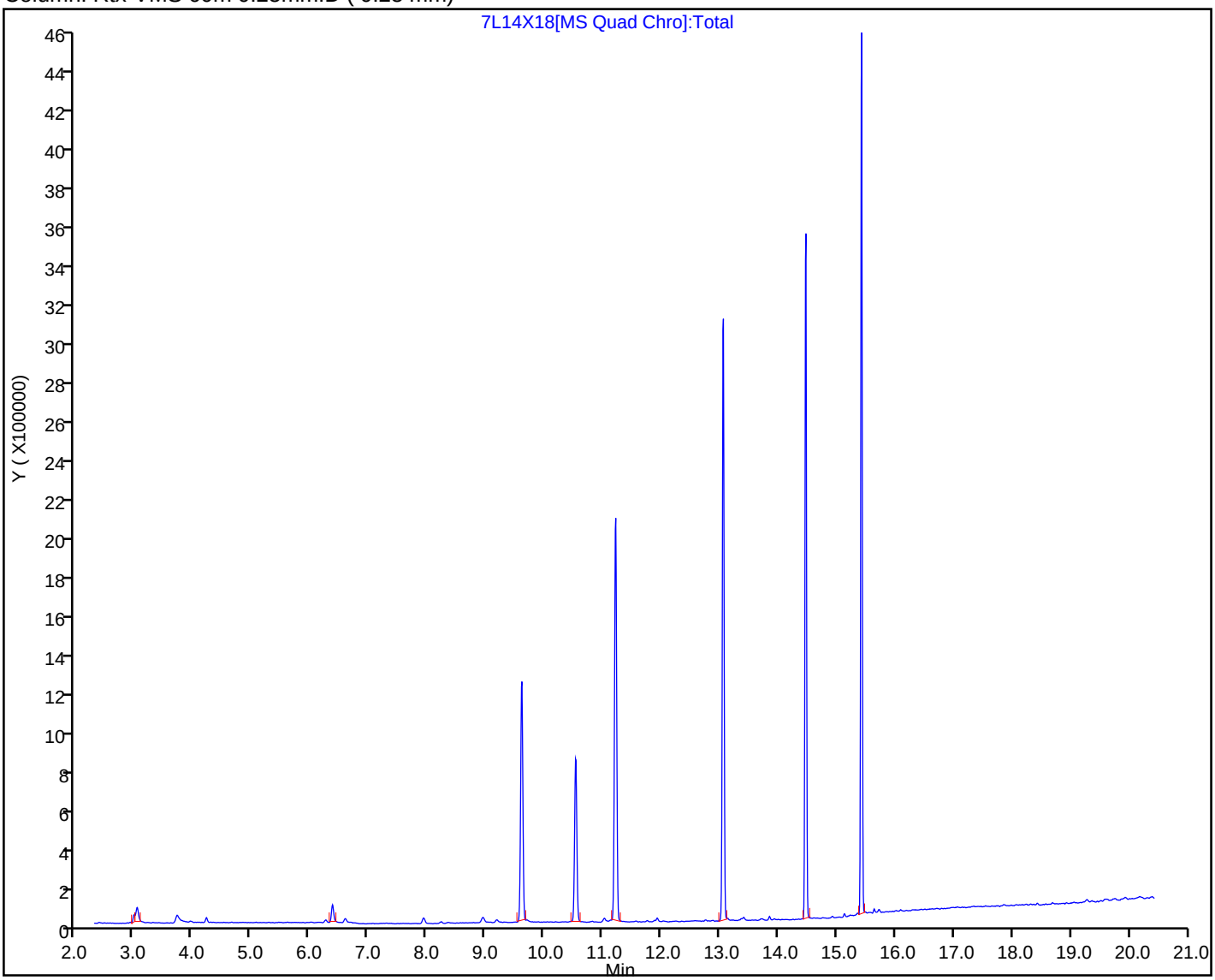
Client ID: 2011

Operator ID: jts91224 ALS Bottle#: 13 Worklist Smp#: 44

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

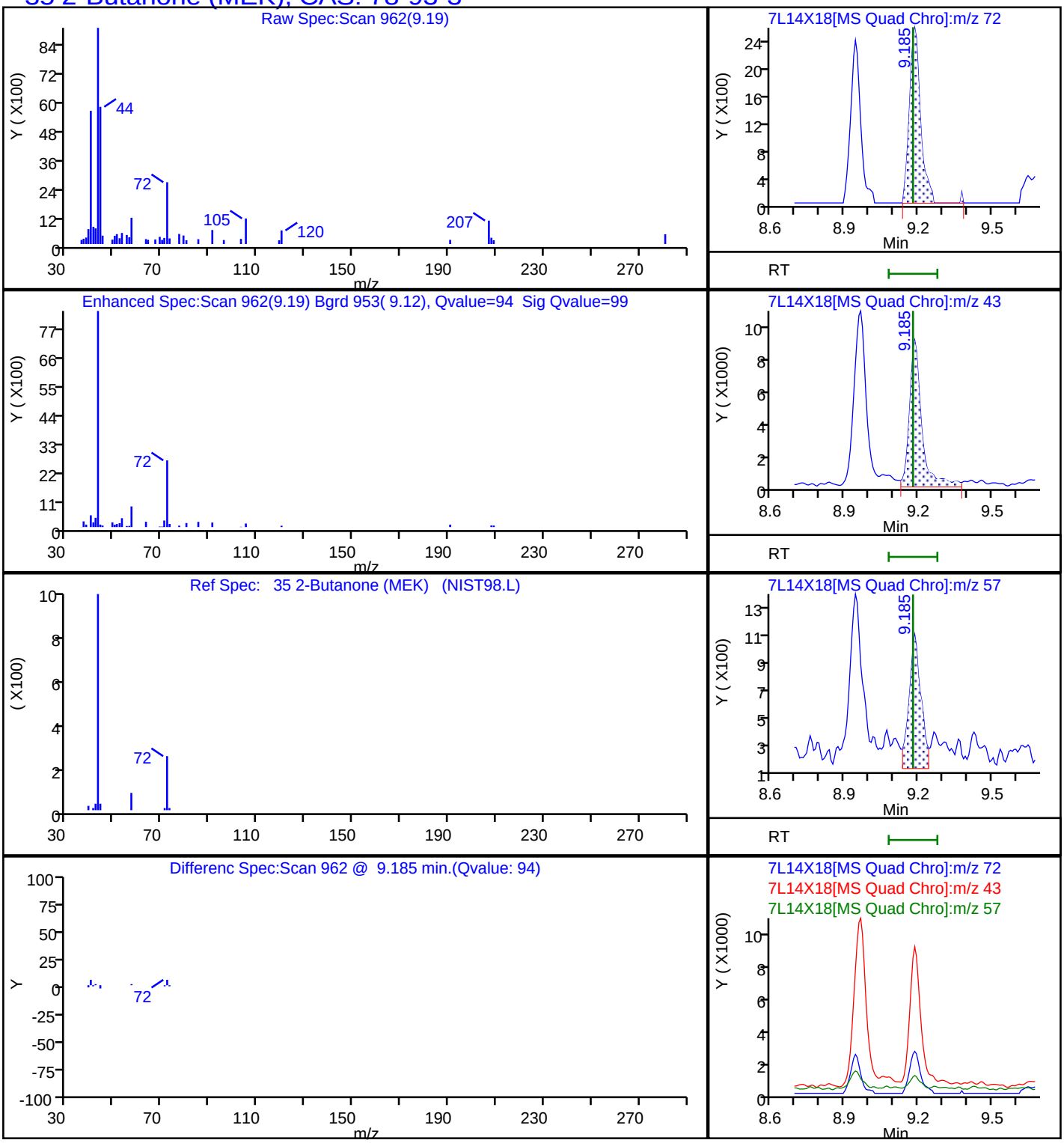


Report Date: 10-Aug-2025 19:48:46 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D				
Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

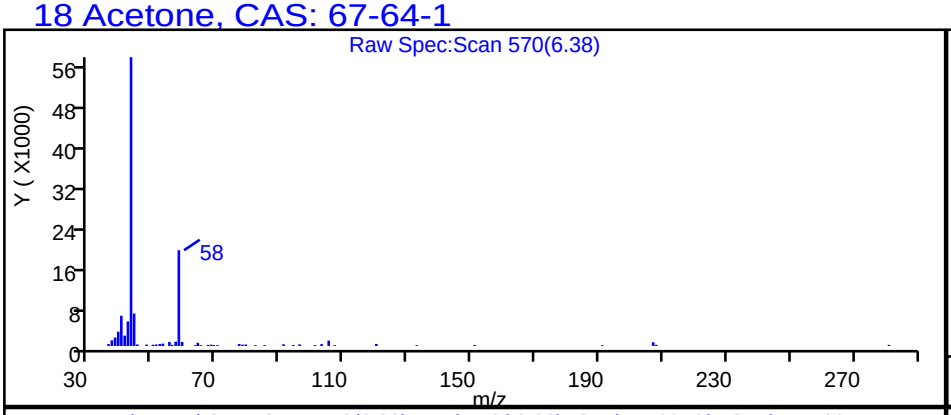


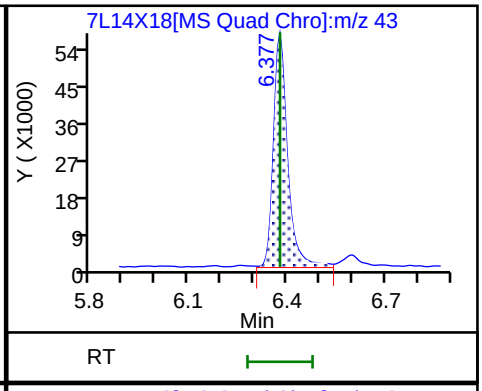
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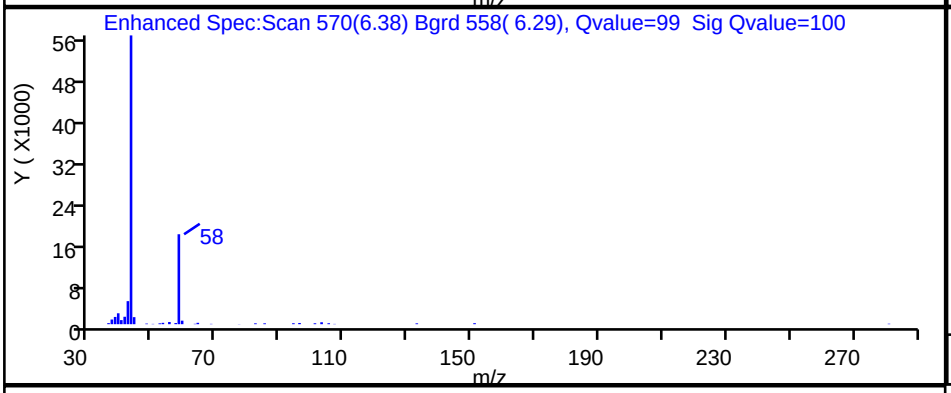
Eurofins Lancaster Laboratories Environment Testing, LLC

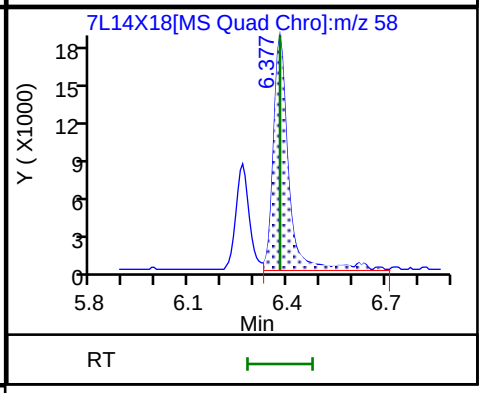
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Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

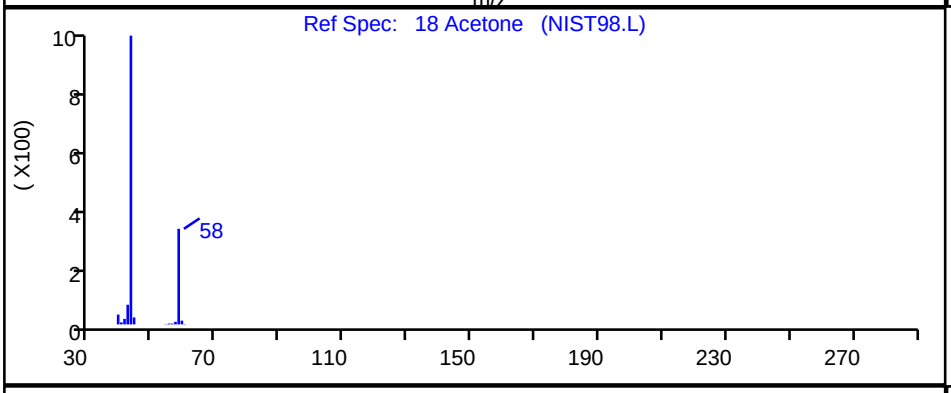
18 Acetone, CAS: 67-64-1

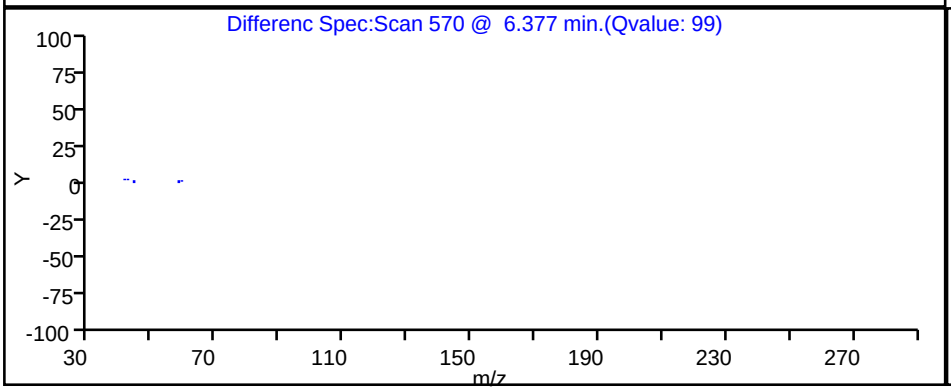


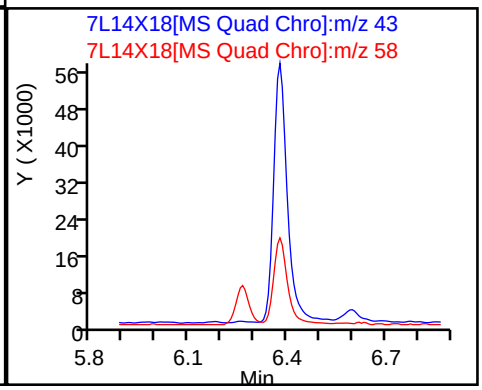










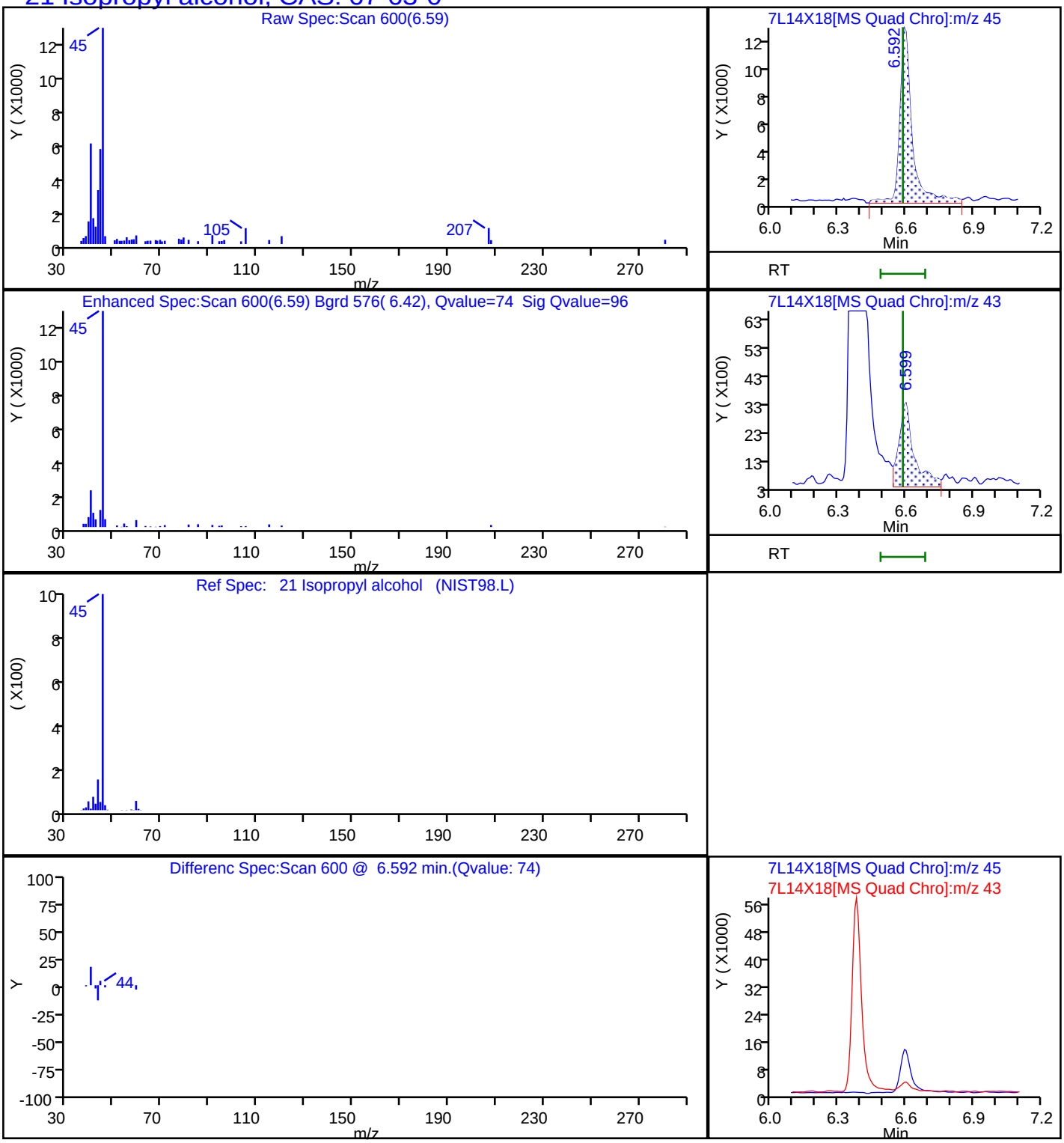


Report Date: 10-Aug-2025 19:48:46 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D				
Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

21 Isopropyl alcohol, CAS: 67-63-0



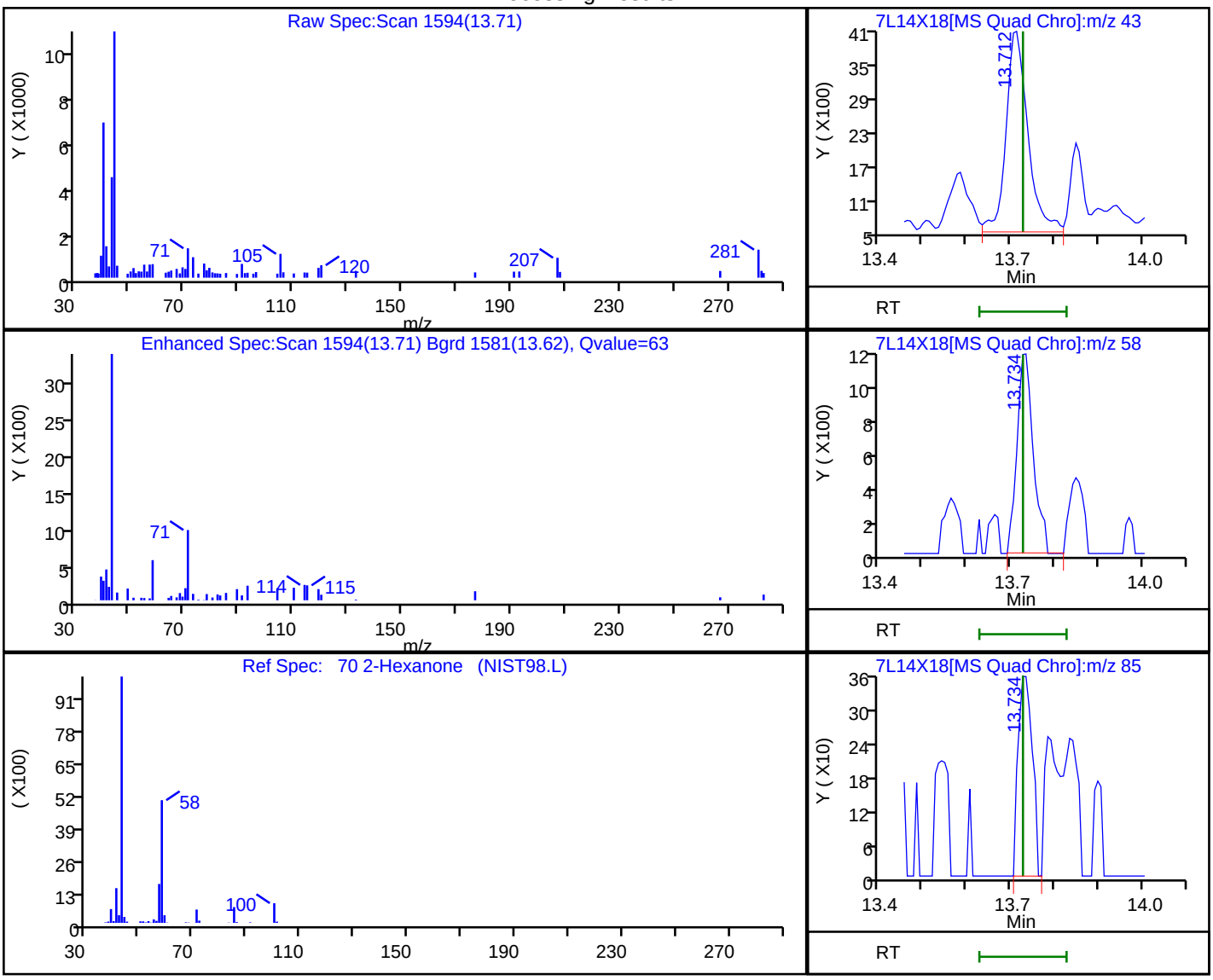
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D				
Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

70 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
13.71	43.00	12301	0.131486
13.73	58.00	2875	
13.73	85.00	805	

Reviewer: D7UM, 22-Jul-2025 10:48:42 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

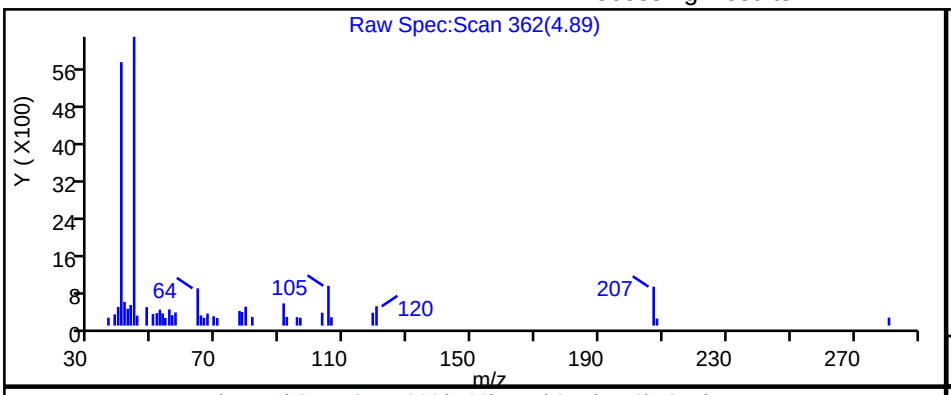
User Disabled Compound Report

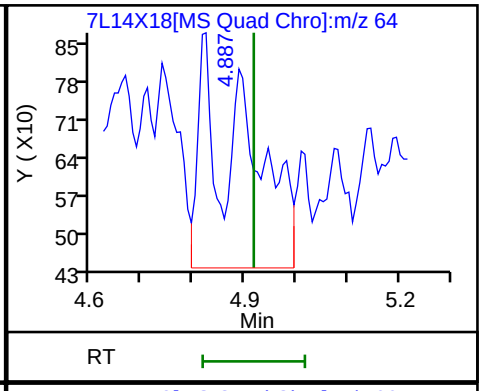
Eurofins Lancaster Laboratories Environment Testing, LLC

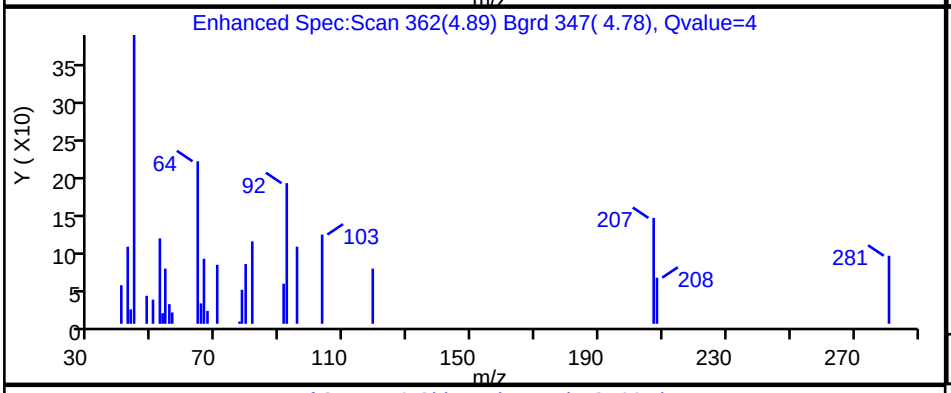
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D				
Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

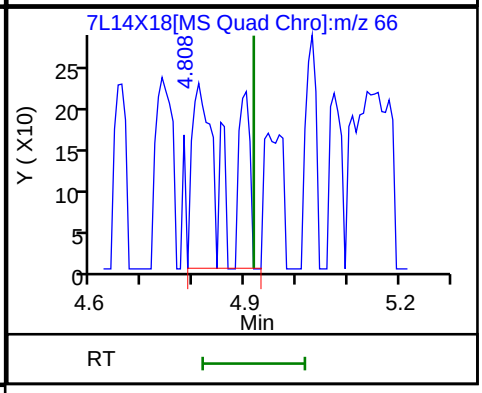
9 Chloroethane, CAS: 75-00-3

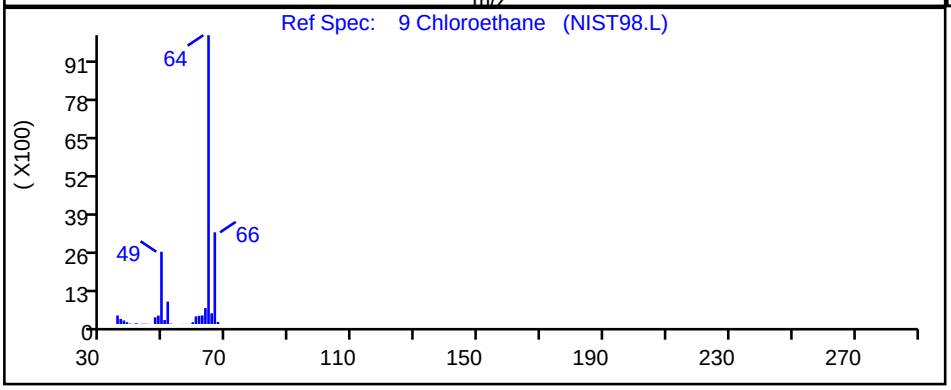
Processing Results











RT	Mass	Response	Amount
4.89	64.00	2575	0.104137
4.81	66.00	1017	

Reviewer: D7UM, 22-Jul-2025 10:49:28 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

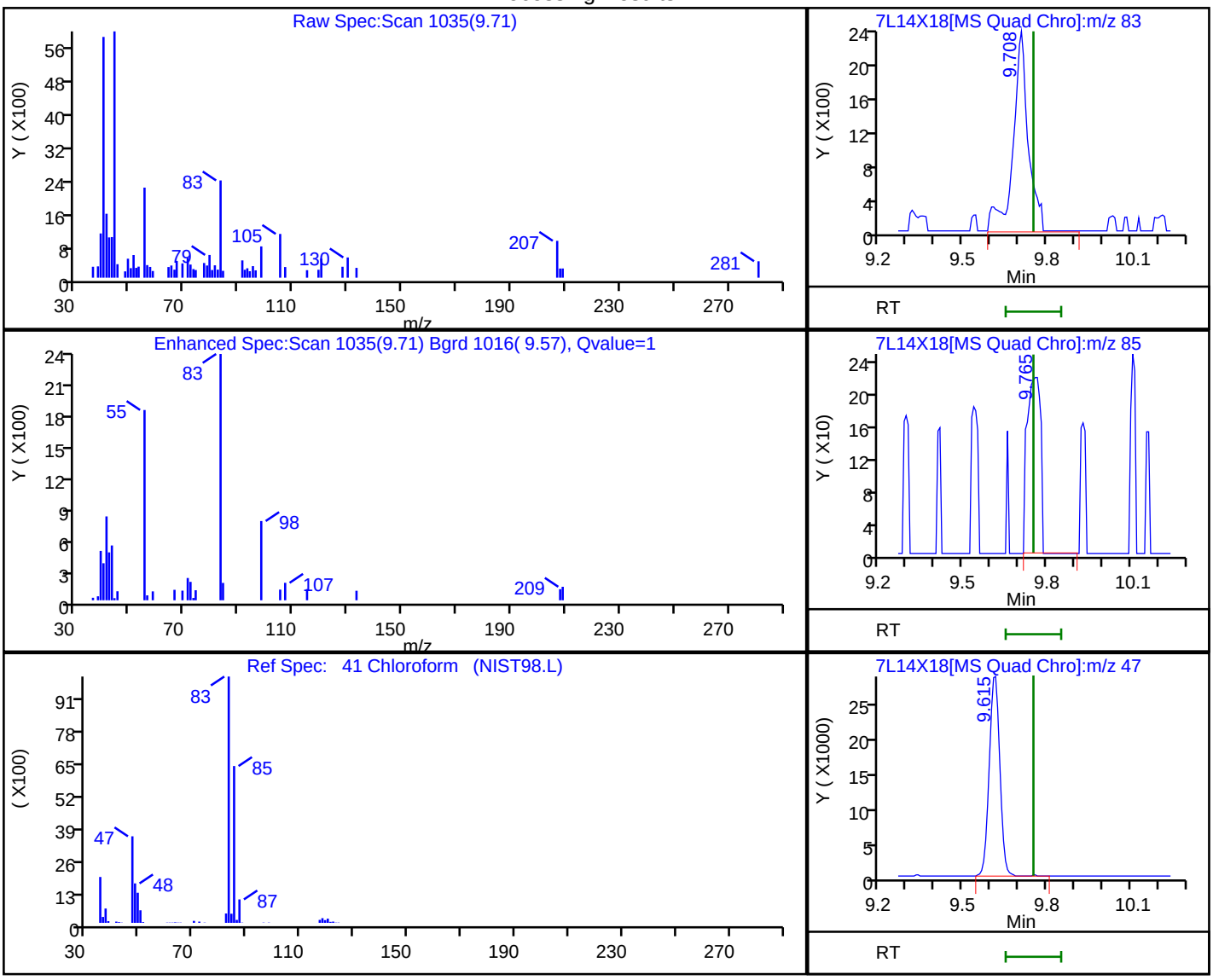
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D				
Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

41 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
9.71	83.00	8845	0.076689
9.77	85.00	734	
9.61	47.00	75648	

Reviewer: D7UM, 22-Jul-2025 10:49:00 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

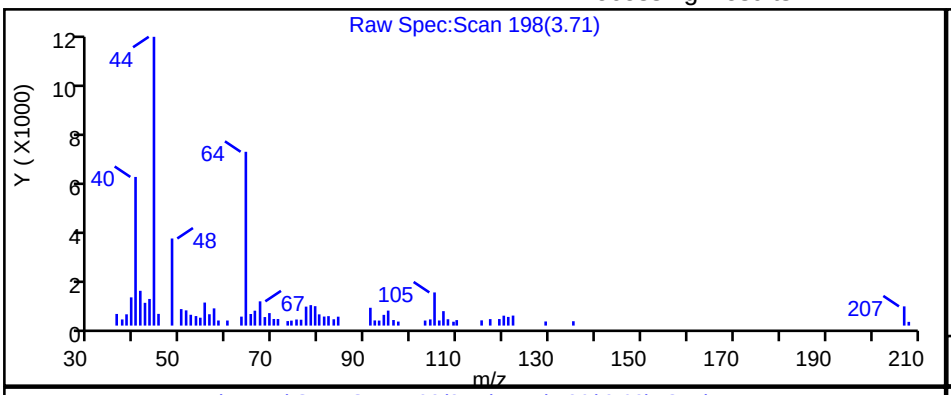
User Disabled Compound Report

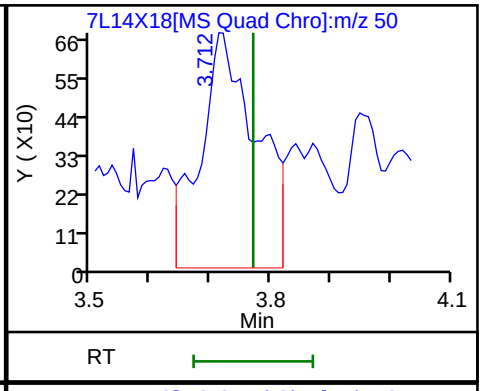
Eurofins Lancaster Laboratories Environment Testing, LLC

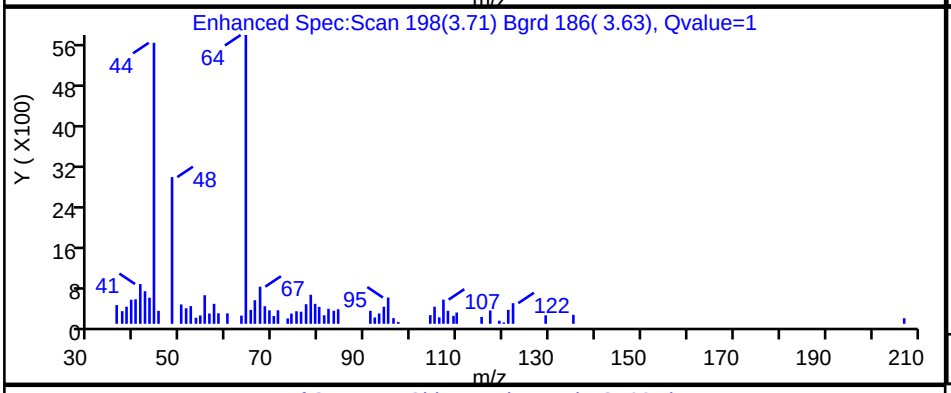
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D				
Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

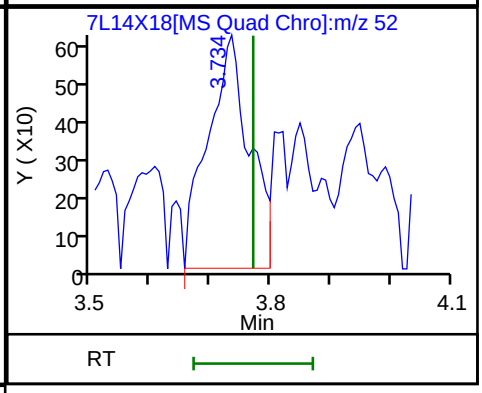
5 Chloromethane, CAS: 74-87-3

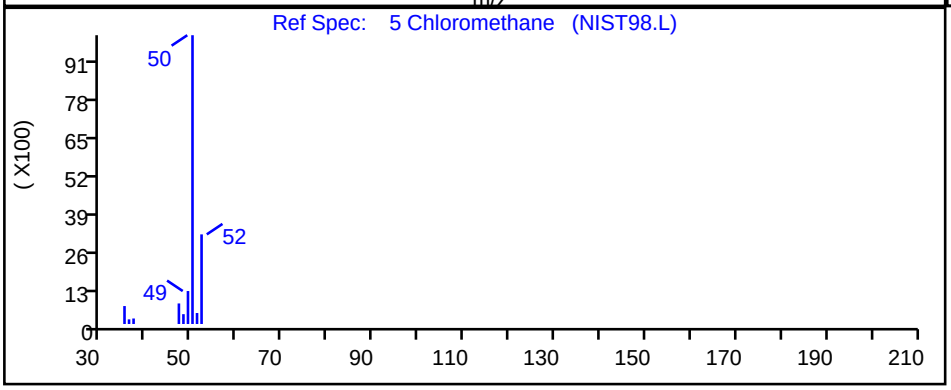
Processing Results











RT	Mass	Response	Amount
3.71	50.00	4400	0.121237
3.73	52.00	3047	

Reviewer: D7UM, 22-Jul-2025 10:49:25 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

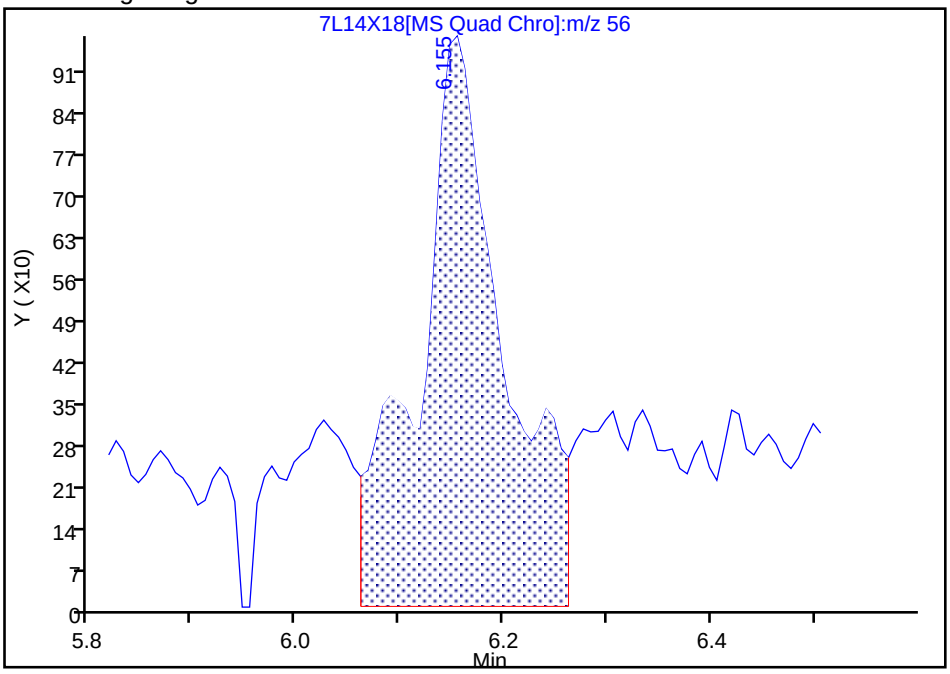
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X18.D				
Injection Date:	14-Jul-2025 22:42:40	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-3	Lab Sample ID:	410-233912-3		
Client ID:	2011				
Operator ID:	jts91224	ALS Bottle#:	13	Worklist Smp#:	44
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

15 Acrolein, CAS: 107-02-8

Signal: 1

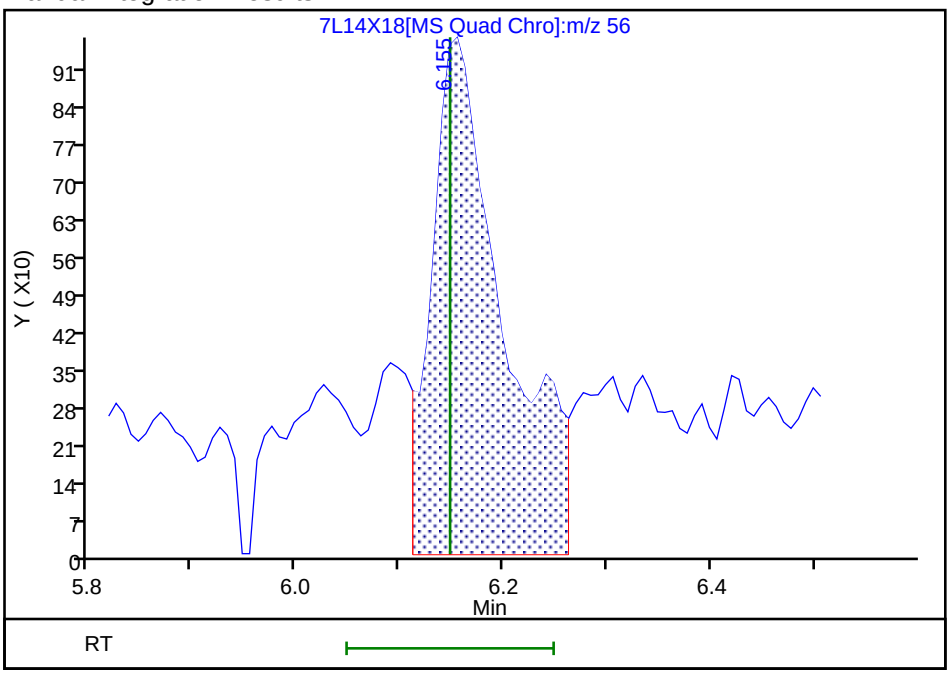
Processing Integration Results

RT: 6.16
Area: 5554
Amount: 0.317977
Amount Units: ppb v/v



Manual Integration Results

RT: 6.16
Area: 4625
Amount: 0.254255
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 10:49:16 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2053 Lab Sample ID: 410-233912-4

Matrix: Air Lab File ID: 7L14X19.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.4	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2053 Lab Sample ID: 410-233912-4

Matrix: Air Lab File ID: 7L14X19.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2053 Lab Sample ID: 410-233912-4

Matrix: Air Lab File ID: 7L14X19.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2053 Lab Sample ID: 410-233912-4

Matrix: Air Lab File ID: 7L14X19.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X19.D				
Lims ID:	410-233912-A-4				
Client ID:	2053				
Sample Type:	Client				
Inject. Date:	14-Jul-2025 23:20:17	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	CCN9933				
Misc. Info.:	410-0153358-016				
Operator ID:	jts91224	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	10-Aug-2025 19:47:51	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1685				
First Level Reviewer: D7UM		Date:	22-Jul-2025 10:51:18		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	6.377	6.377	0.000	99	94668	1.41	
21 Isopropyl alcohol	45	6.599	6.585	0.014	65	21636	0.3706	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	99	5081	0.1853	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	648920	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2437642	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2190979	10.0	

QC Flag Legend

Processing Flags

Reagents:

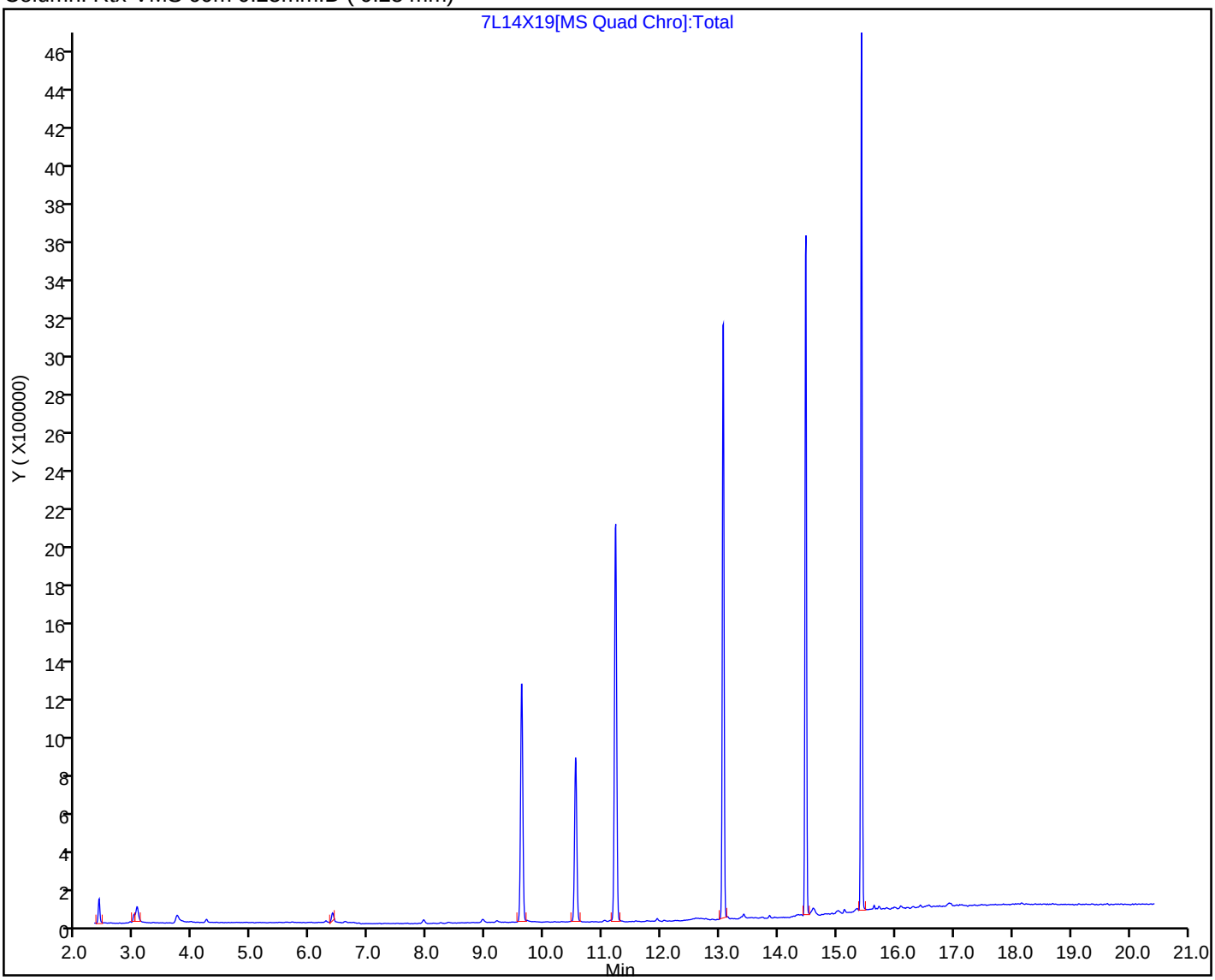
AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:47 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	14-Jul-2025 23:20:17	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-4	Lab Sample ID:	410-233912-4		
Client ID:	2053				
Operator ID:	jts91224	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

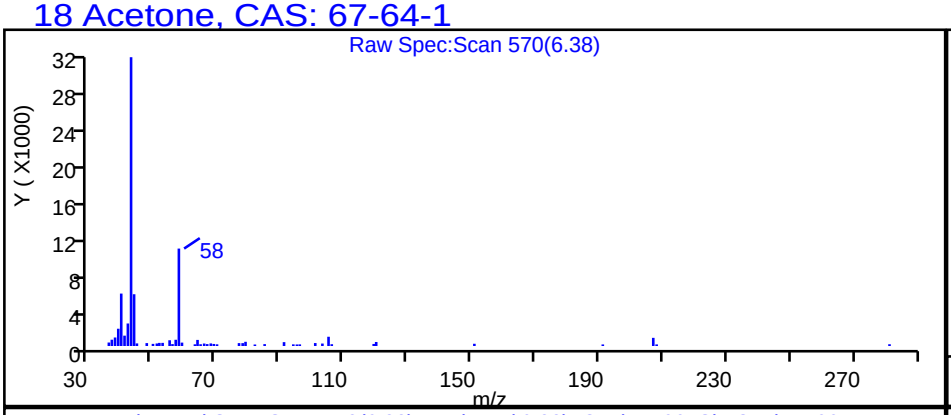


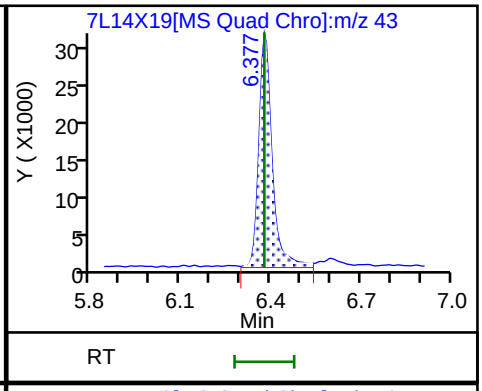
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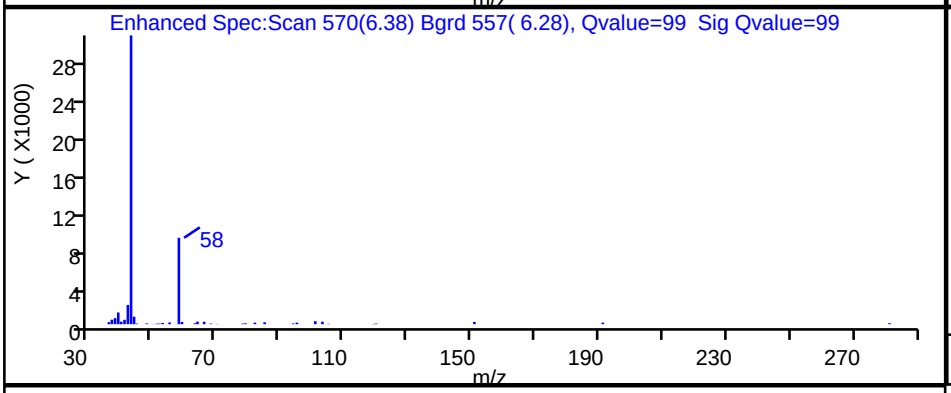
Eurofins Lancaster Laboratories Environment Testing, LLC

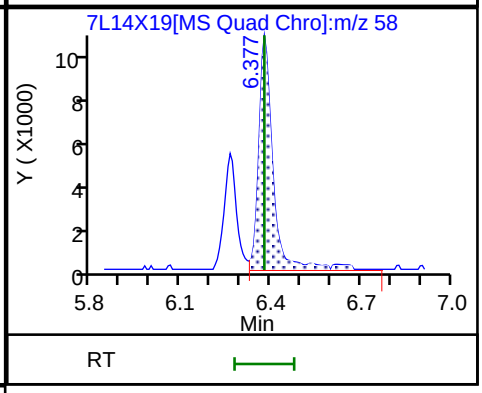
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Injection Date:	14-Jul-2025 23:20:17	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-4	Lab Sample ID:	410-233912-4		
Client ID:	2053				
Operator ID:	jts91224	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

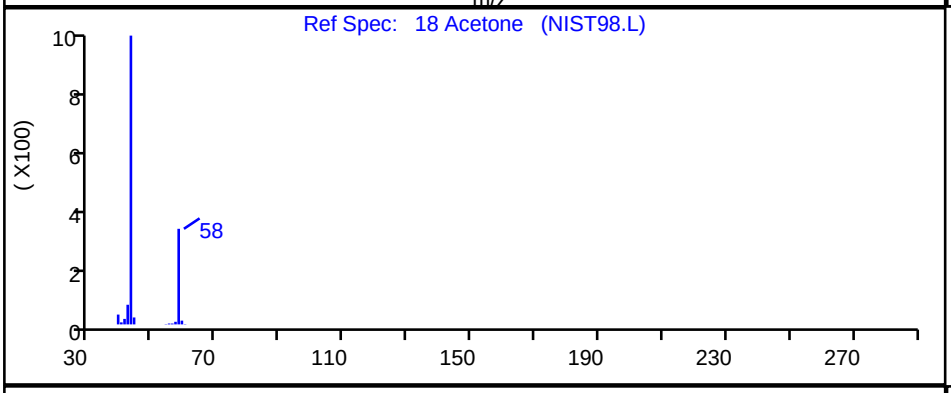
18 Acetone, CAS: 67-64-1

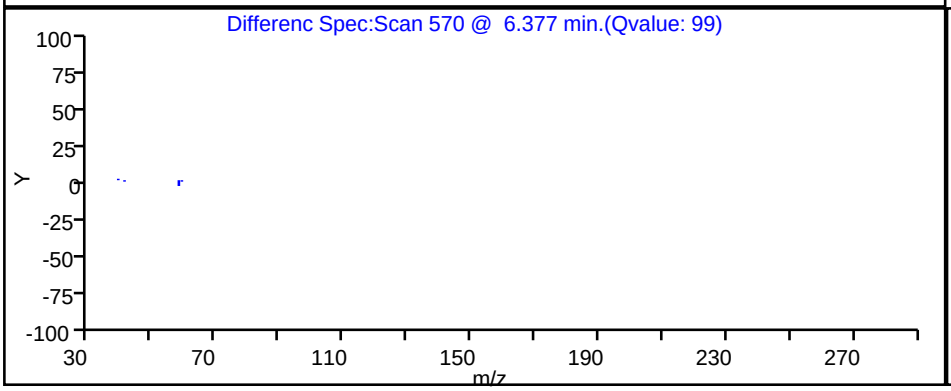


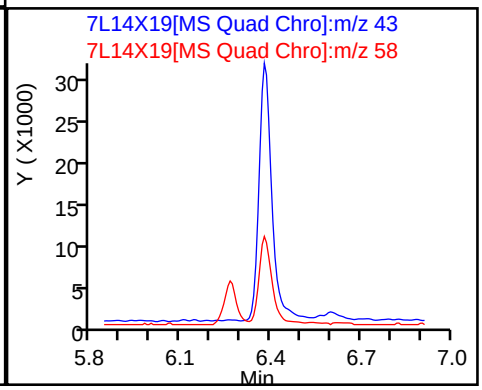












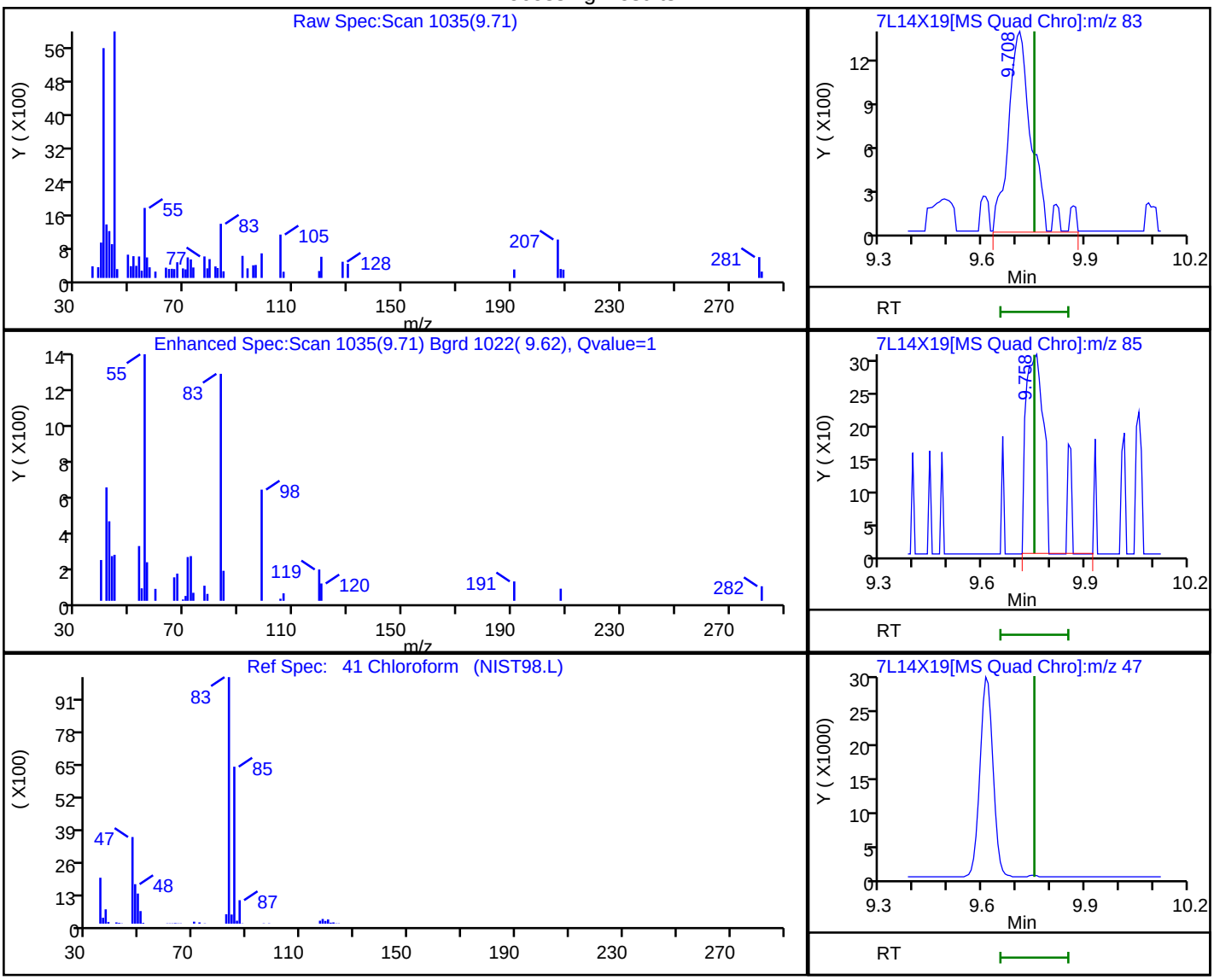
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X19.D				
Injection Date:	14-Jul-2025 23:20:17	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-4	Lab Sample ID:	410-233912-4		
Client ID:	2053				
Operator ID:	jts91224	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

41 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
9.71	83.00	6302	0.054820
9.76	85.00	1215	
9.75	47.00	0	

Reviewer: D7UM, 22-Jul-2025 10:50:23 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

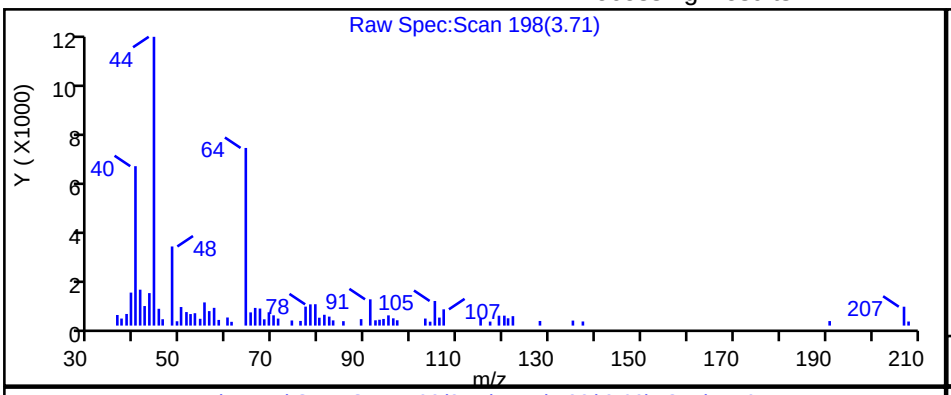
User Disabled Compound Report

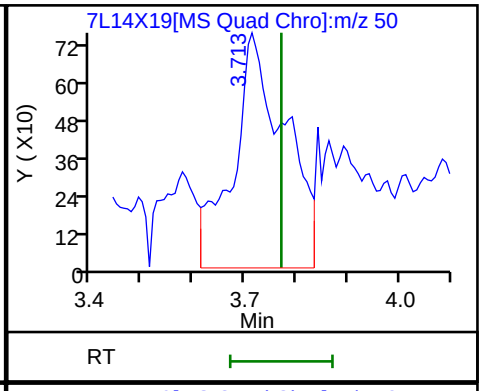
Eurofins Lancaster Laboratories Environment Testing, LLC

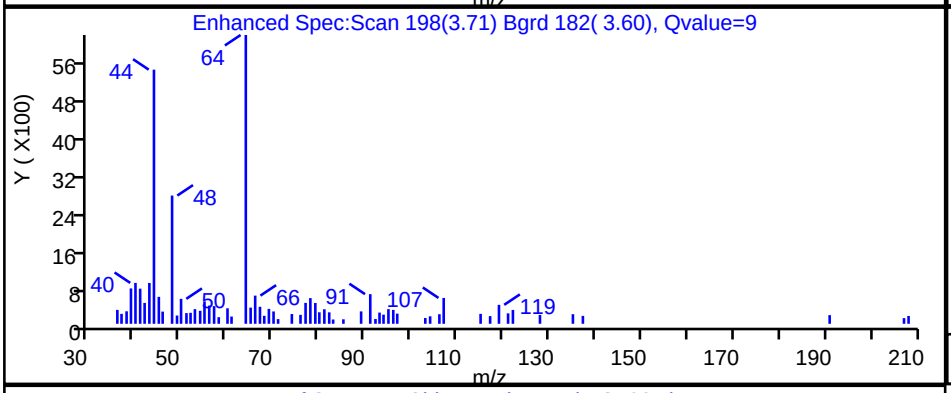
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Injection Date:	14-Jul-2025 23:20:17	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-4	Lab Sample ID:	410-233912-4		
Client ID:	2053				
Operator ID:	jts91224	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

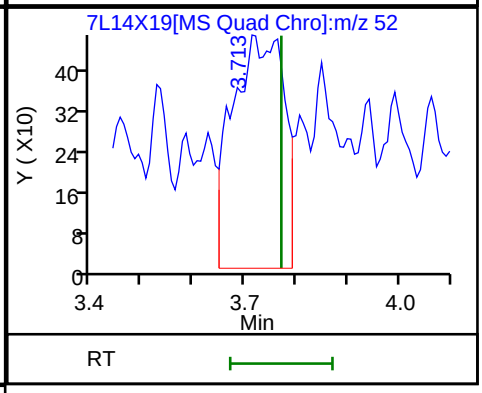
5 Chloromethane, CAS: 74-87-3

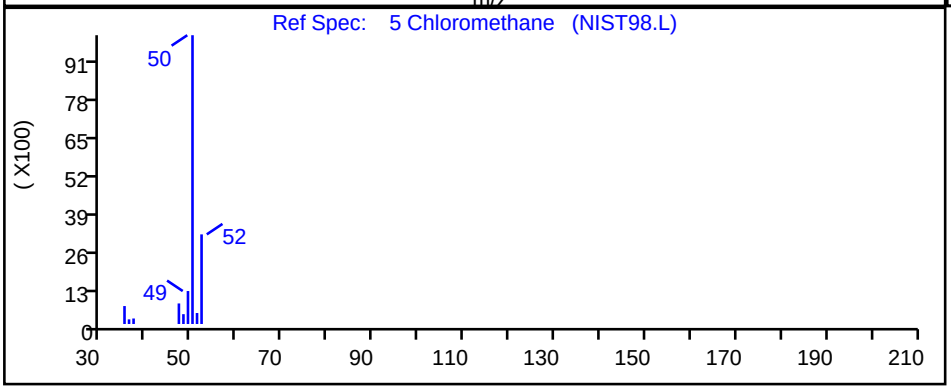
Processing Results











RT	Mass	Response	Amount
3.71	50.00	5253	0.145215
3.71	52.00	3234	

Reviewer: D7UM, 22-Jul-2025 10:50:05 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

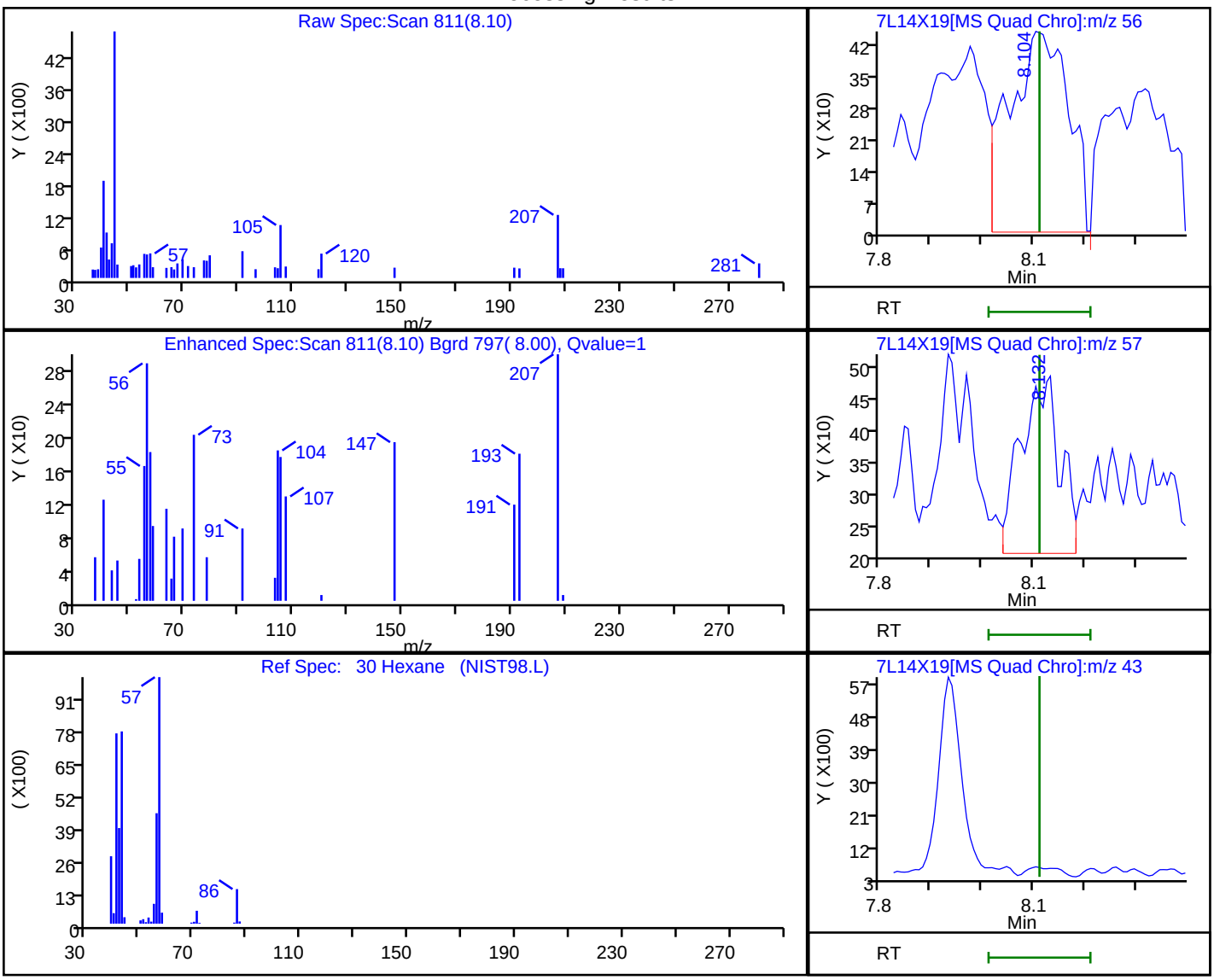
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X19.D				
Injection Date:	14-Jul-2025 23:20:17	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-4	Lab Sample ID:	410-233912-4		
Client ID:	2053				
Operator ID:	jts91224	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

30 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
8.10	56.00	3509	0.085371
8.13	57.00	1467	
8.11	43.00	0	
8.11	86.00	0	

Reviewer: D7UM, 22-Jul-2025 10:50:13 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

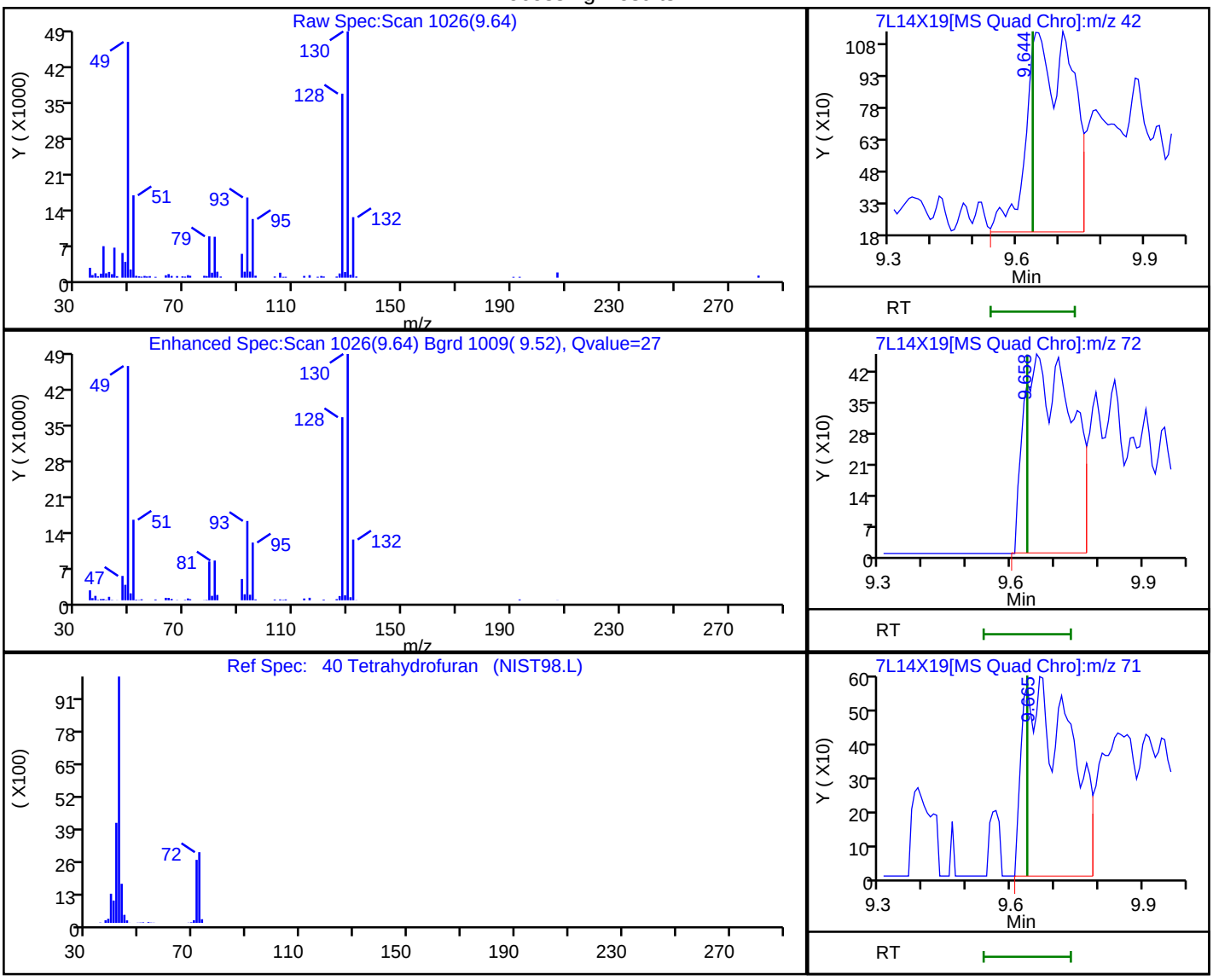
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X19.D				
Injection Date:	14-Jul-2025 23:20:17	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-4	Lab Sample ID:	410-233912-4		
Client ID:	2053				
Operator ID:	jts91224	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.64	42.00	6914	0.127190
9.66	72.00	3376	
9.67	71.00	4380	

Reviewer: D7UM, 22-Jul-2025 10:50:20 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

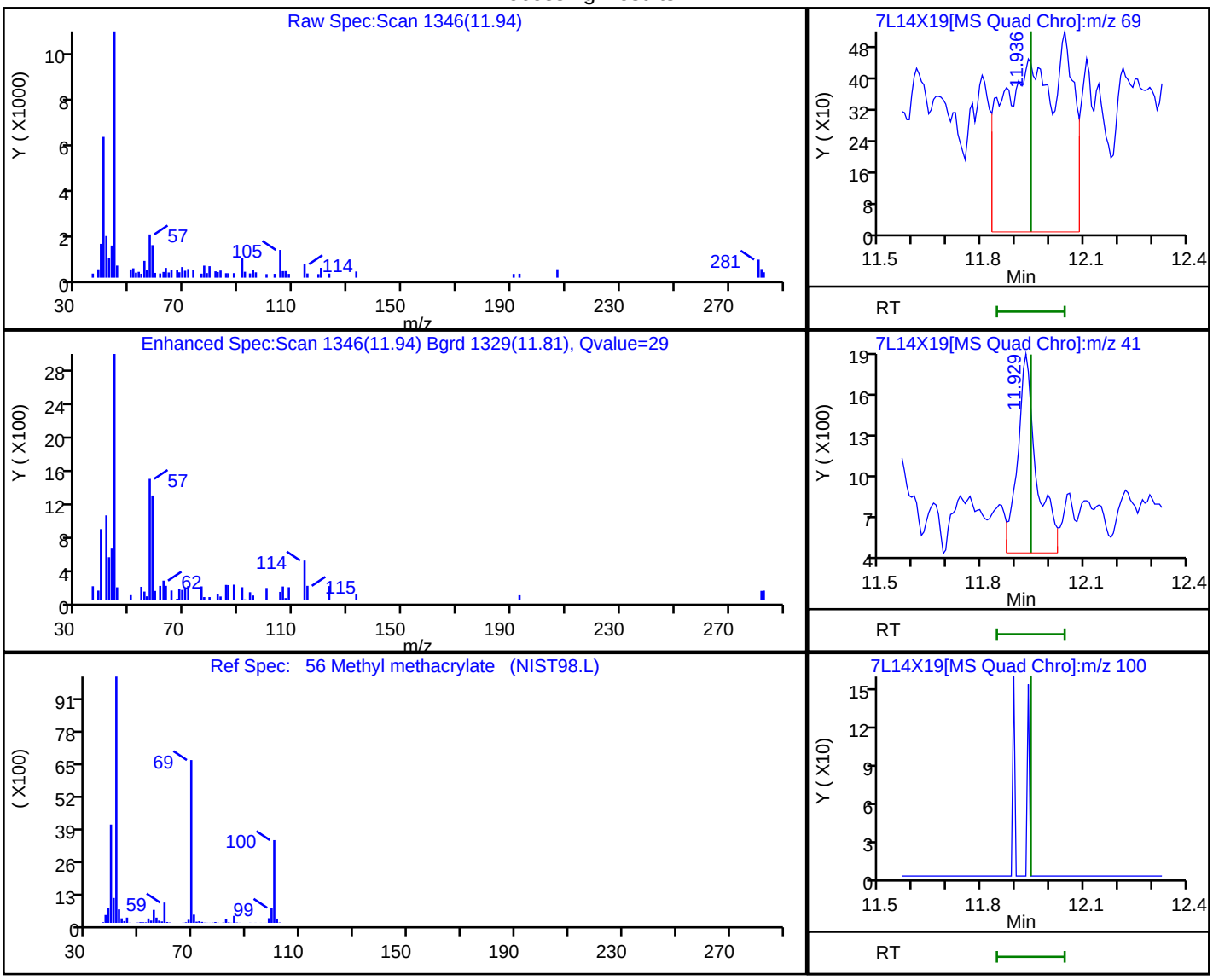
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X19.D				
Injection Date:	14-Jul-2025 23:20:17	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-4	Lab Sample ID:	410-233912-4		
Client ID:	2053				
Operator ID:	jts91224	ALS Bottle#:	14	Worklist Smp#:	45
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

56 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
11.94	69.00	5826	0.094546
11.93	41.00	5484	
11.94	100.00	0	

Reviewer: D7UM, 22-Jul-2025 10:50:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2010 Lab Sample ID: 410-233912-5

Matrix: Air Lab File ID: 7L14X20.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.4	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2010 Lab Sample ID: 410-233912-5

Matrix: Air Lab File ID: 7L14X20.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2010 Lab Sample ID: 410-233912-5

Matrix: Air Lab File ID: 7L14X20.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	0.69	J	1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2010 Lab Sample ID: 410-233912-5

Matrix: Air Lab File ID: 7L14X20.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/14/2025 23:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D				
Lims ID:	410-233912-A-5				
Client ID:	2010				
Sample Type:	Client				
Inject. Date:	14-Jul-2025 23:57:23	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	CCN9940				
Misc. Info.:	410-0153358-017				
Operator ID:	jts91224	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	10-Aug-2025 19:47:51	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1685				
First Level Reviewer: D7UM		Date:	22-Jul-2025 10:53:04		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
15 Acrolein	56	6.162	6.148	0.014	67	3602	0.1972	7M
18 Acetone	43	6.377	6.377	0.000	100	94574	1.40	
21 Isopropyl alcohol	45	6.592	6.585	0.007	98	40326	0.6858	
35 2-Butanone (MEK)	72	9.192	9.178	0.014	95	5311	0.1923	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	653666	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2433538	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2172176	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:50 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D

Injection Date: 14-Jul-2025 23:57:23 Instrument ID: HP8R004

Lims ID: 410-233912-A-5 Lab Sample ID: 410-233912-5

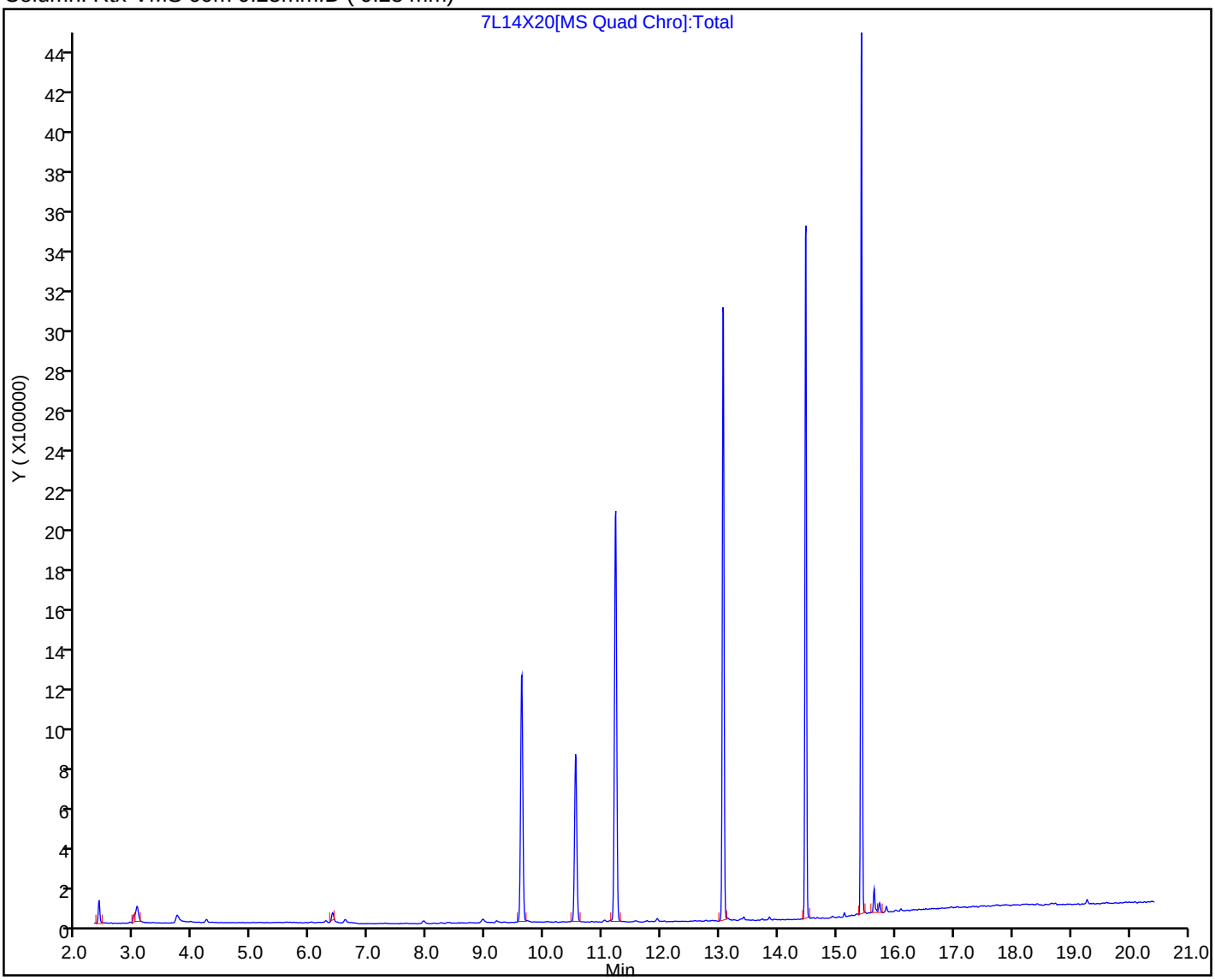
Client ID: 2010

Operator ID: jts91224 ALS Bottle#: 15 Worklist Smp#: 46

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

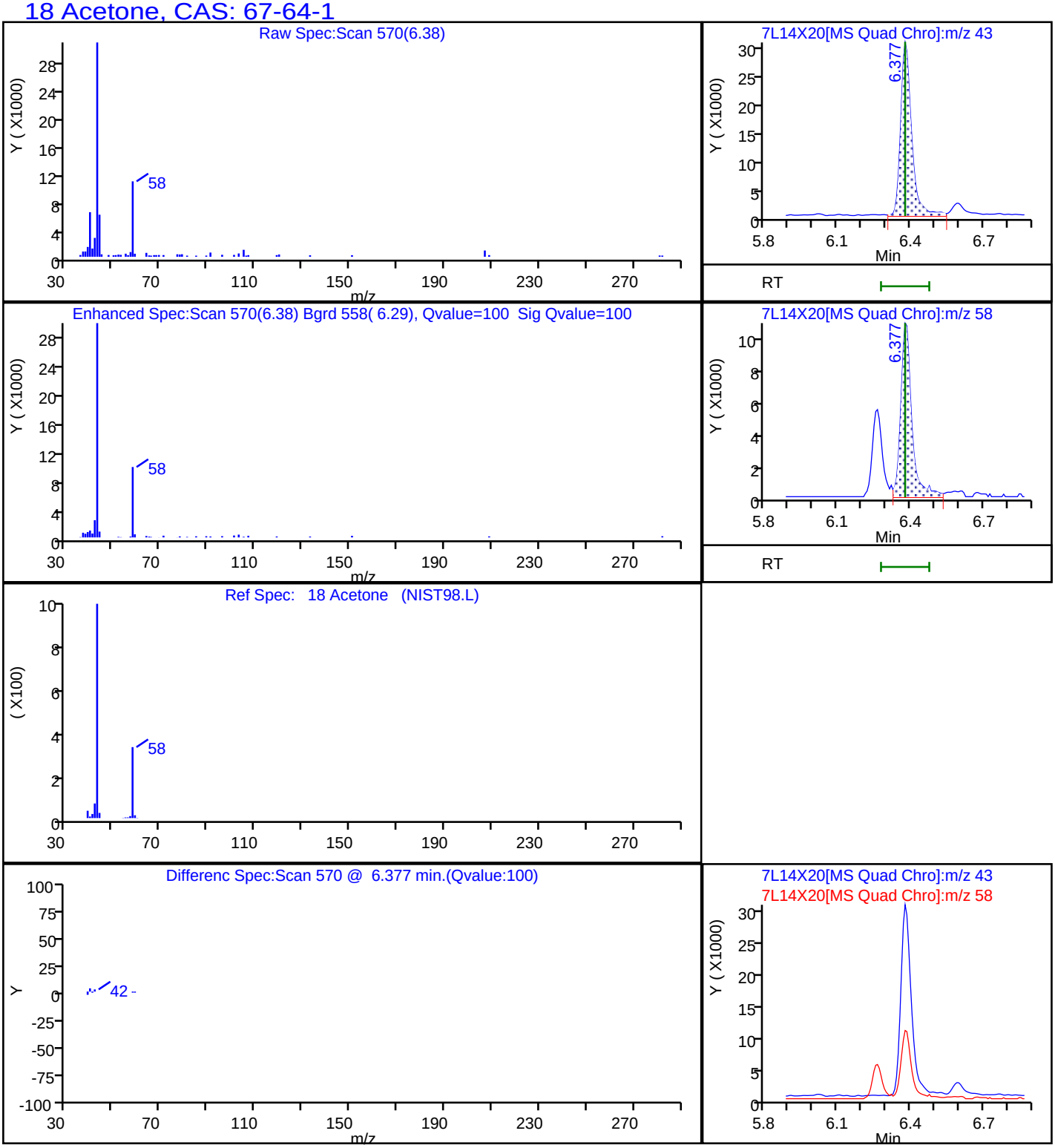


Report Date: 10-Aug-2025 19:48:50 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D				
Injection Date:	14-Jul-2025 23:57:23	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-5	Lab Sample ID:	410-233912-5		
Client ID:	2010				
Operator ID:	jts91224	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

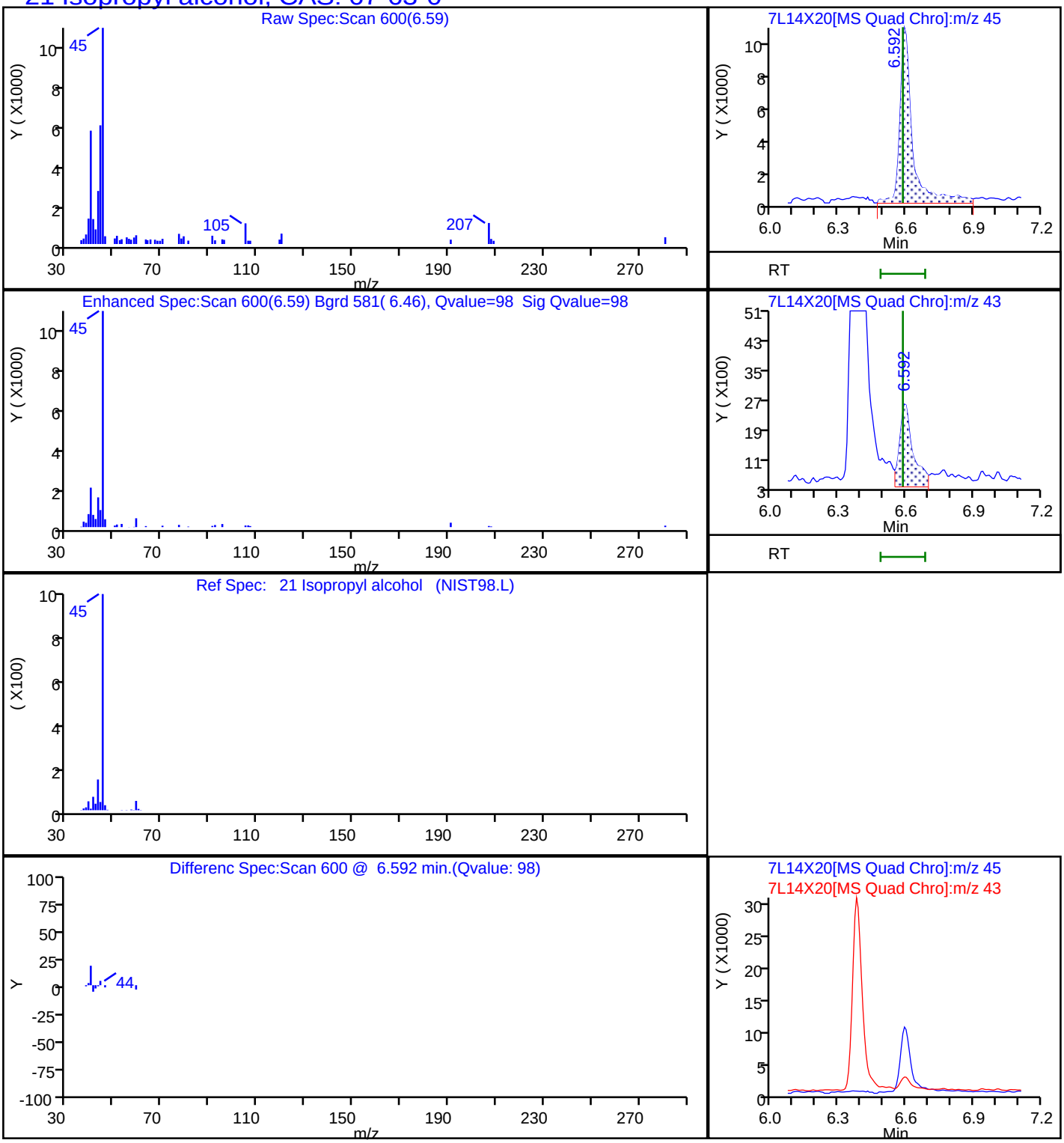


Report Date: 10-Aug-2025 19:48:50 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D				
Injection Date:	14-Jul-2025 23:57:23	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-5	Lab Sample ID:	410-233912-5		
Client ID:	2010				
Operator ID:	jts91224	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

21 Isopropyl alcohol, CAS: 67-63-0



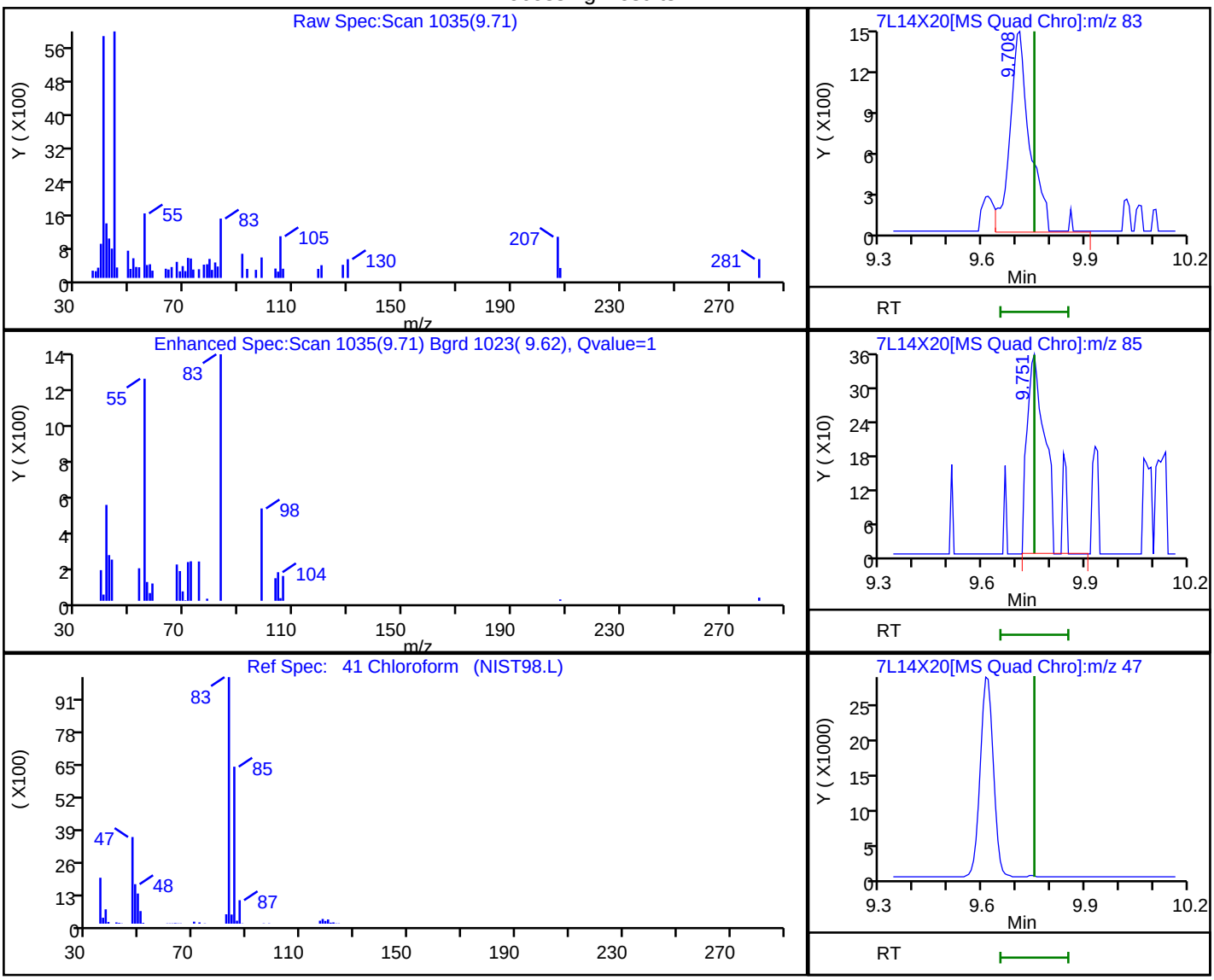
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D				
Injection Date:	14-Jul-2025 23:57:23	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-5	Lab Sample ID:	410-233912-5		
Client ID:	2010				
Operator ID:	jts91224	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

41 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
9.71	83.00	5710	0.049310
9.75	85.00	1410	
9.75	47.00	0	

Reviewer: D7UM, 22-Jul-2025 10:52:02 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

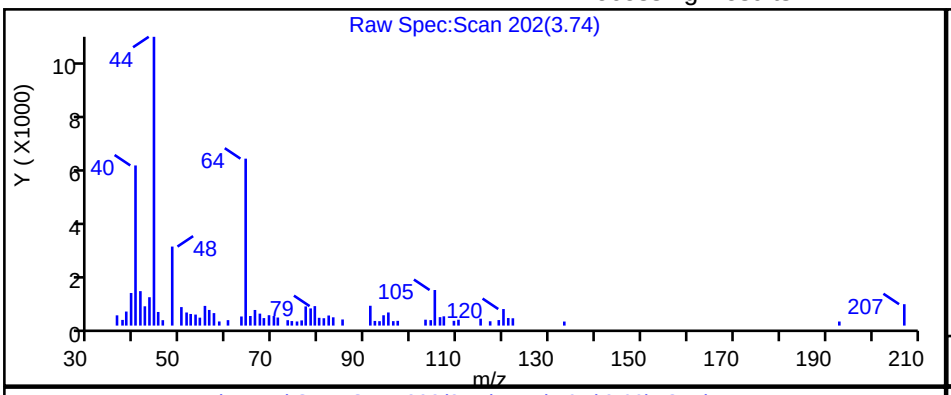
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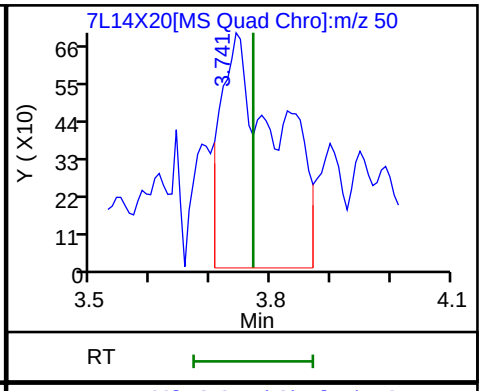
Eurofins Lancaster Laboratories Environment Testing, LLC

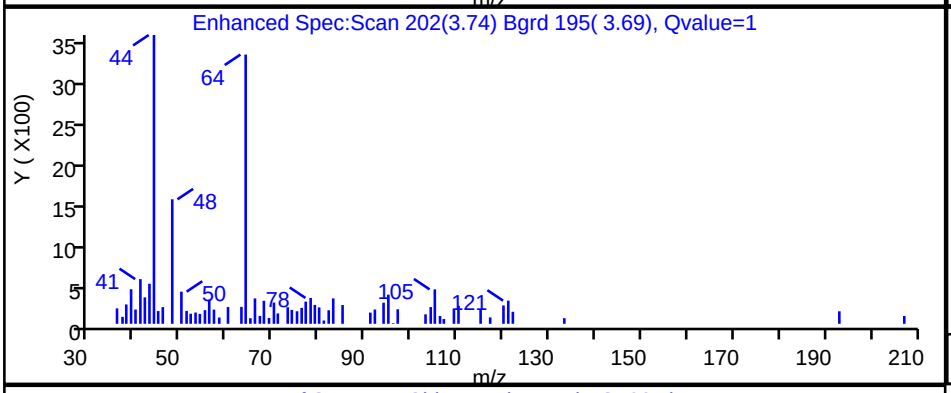
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Injection Date:	14-Jul-2025 23:57:23	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-5	Lab Sample ID:	410-233912-5		
Client ID:	2010				
Operator ID:	jts91224	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

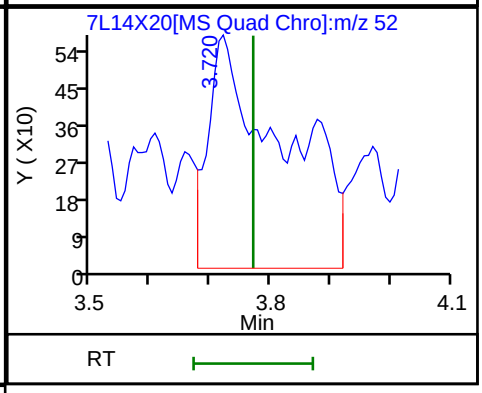
5 Chloromethane, CAS: 74-87-3

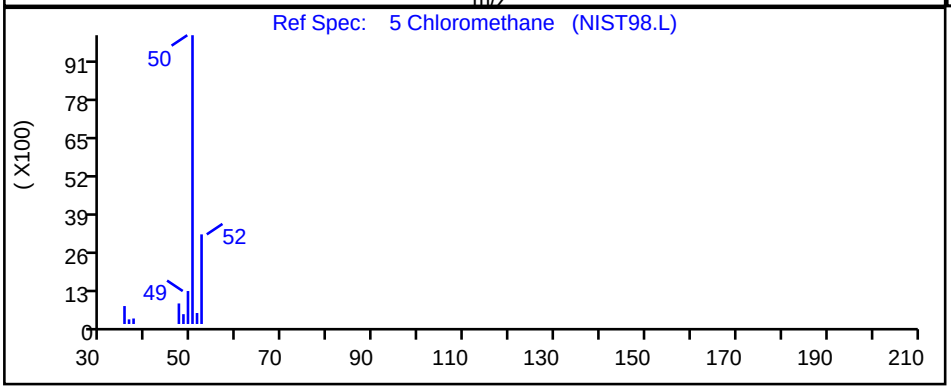
Processing Results











RT	Mass	Response	Amount
3.74	50.00	4522	0.124100
3.72	52.00	5046	

Reviewer: D7UM, 22-Jul-2025 10:51:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

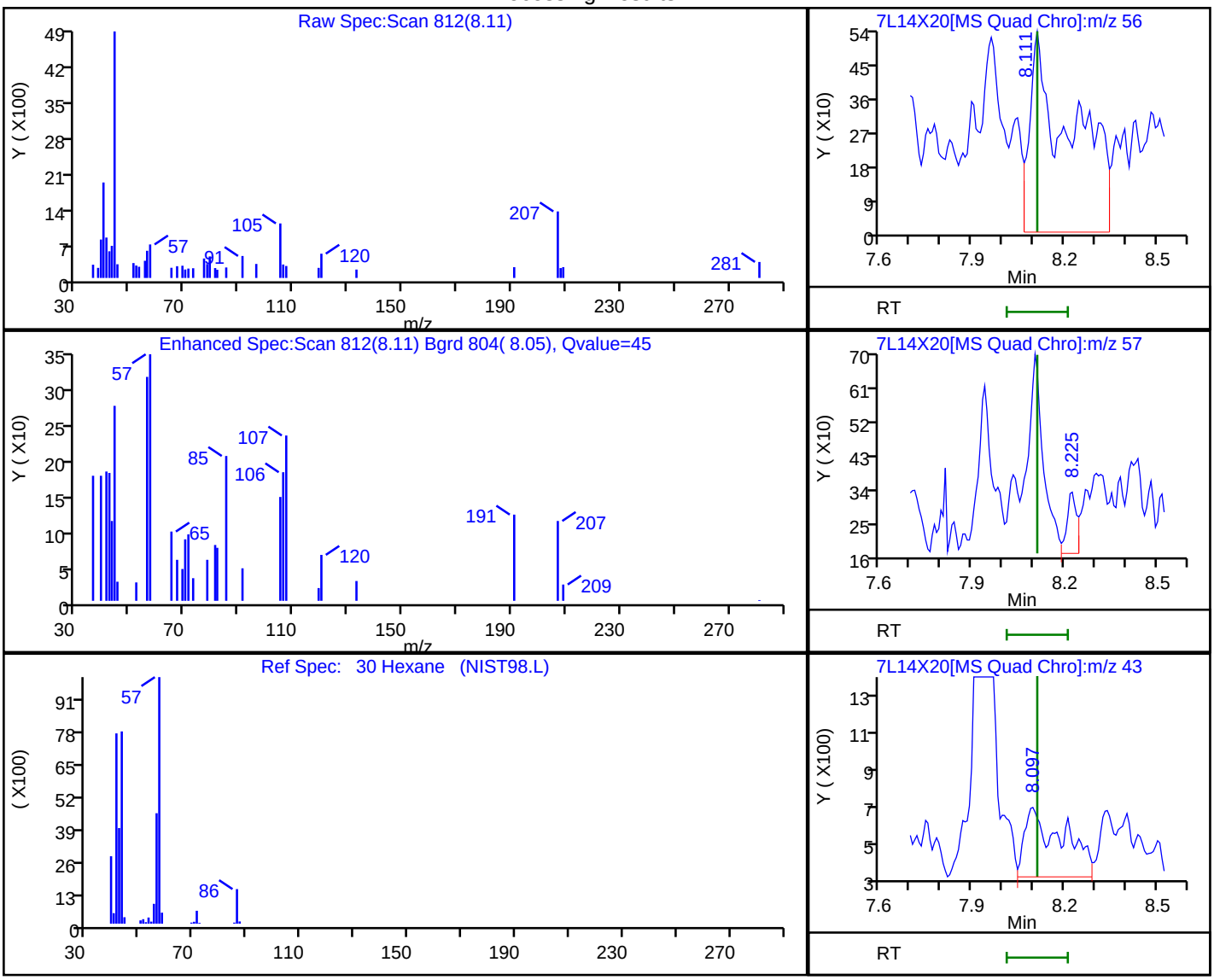
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D				
Injection Date:	14-Jul-2025 23:57:23	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-5	Lab Sample ID:	410-233912-5		
Client ID:	2010				
Operator ID:	jts91224	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

30 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
8.11	56.00	4914	0.118685
8.23	57.00	349	
8.10	43.00	3098	
8.11	86.00	0	

Reviewer: D7UM, 22-Jul-2025 10:51:55 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

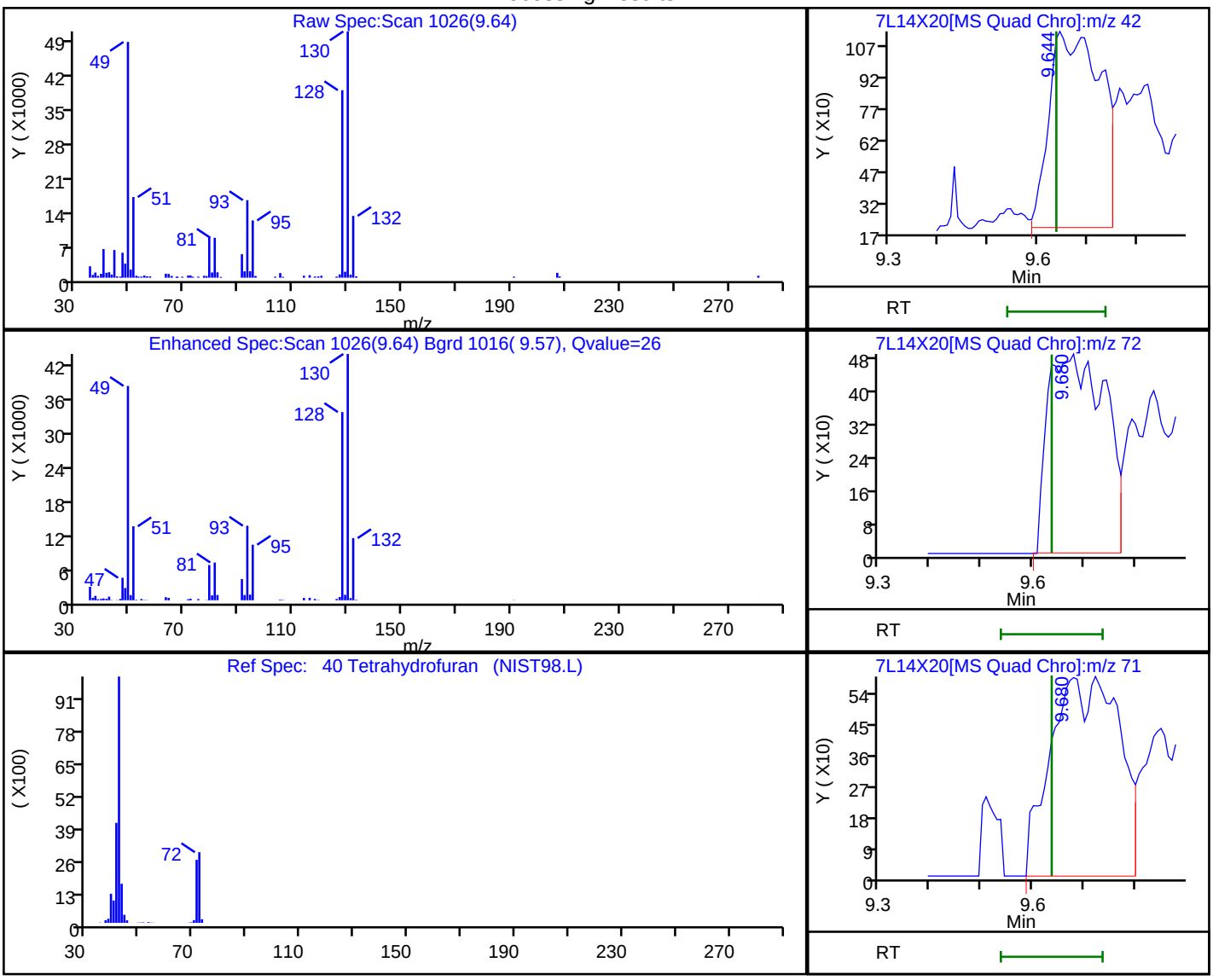
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D				
Injection Date:	14-Jul-2025 23:57:23	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-5	Lab Sample ID:	410-233912-5		
Client ID:	2010				
Operator ID:	jts91224	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.64	42.00	6825	0.124641
9.68	72.00	3773	
9.68	71.00	5443	

Reviewer: D7UM, 22-Jul-2025 10:52:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

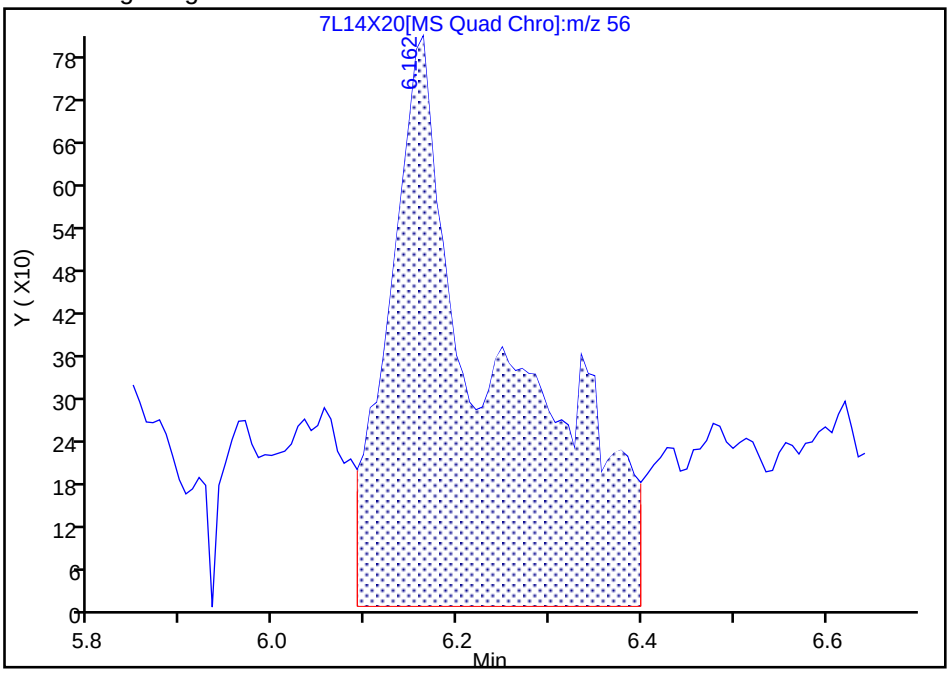
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X20.D				
Injection Date:	14-Jul-2025 23:57:23	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-5	Lab Sample ID:	410-233912-5		
Client ID:	2010				
Operator ID:	jts91224	ALS Bottle#:	15	Worklist Smp#:	46
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

15 Acrolein, CAS: 107-02-8

Signal: 1

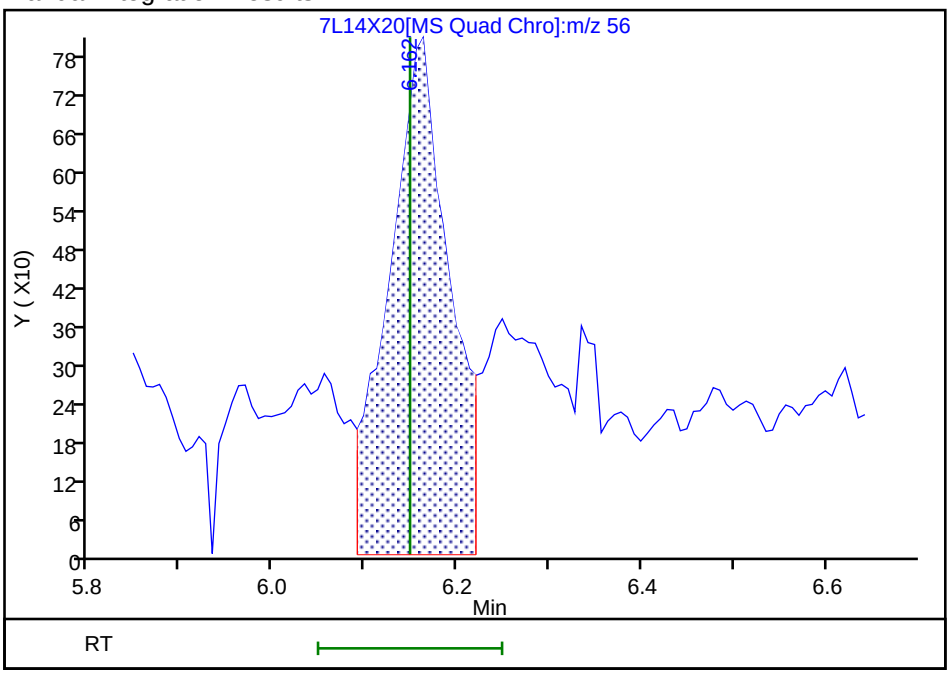
Processing Integration Results

RT: 6.16
Area: 6611
Amount: 0.376977
Amount Units: ppb v/v



Manual Integration Results

RT: 6.16
Area: 3602
Amount: 0.197224
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 10:51:36 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2061 Lab Sample ID: 410-233912-6

Matrix: Air Lab File ID: 7L14X21.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 00:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2061 Lab Sample ID: 410-233912-6

Matrix: Air Lab File ID: 7L14X21.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 00:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2061 Lab Sample ID: 410-233912-6

Matrix: Air Lab File ID: 7L14X21.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 00:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	0.87	J	1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2061 Lab Sample ID: 410-233912-6

Matrix: Air Lab File ID: 7L14X21.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 00:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X21.D				
Lims ID:	410-233912-A-6				
Client ID:	2061				
Sample Type:	Client				
Inject. Date:	15-Jul-2025 00:32:39	ALS Bottle#:	16	Worklist Smp#:	47
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	CCN9946				
Misc. Info.:	410-0153358-018				
Operator ID:	jts91224	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	10-Aug-2025 19:47:51	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1685				
First Level Reviewer: D7UM		Date:	22-Jul-2025 10:54:29		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.312	0.000	84	2486	0.0916	
18 Acetone	43	6.377	6.377	0.000	99	72117	1.08	
21 Isopropyl alcohol	45	6.592	6.585	0.007	90	50318	0.8703	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	89	4180	0.1539	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	642667	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2432591	10.0	
56 Methyl methacrylate	69	11.943	11.943	0.000	27	4591	0.0773	
68 1,1,2-Trichloroethane	97	13.562	13.555	0.007	1	4255	0.0601	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2153857	10.0	

QC Flag Legend

Processing Flags

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

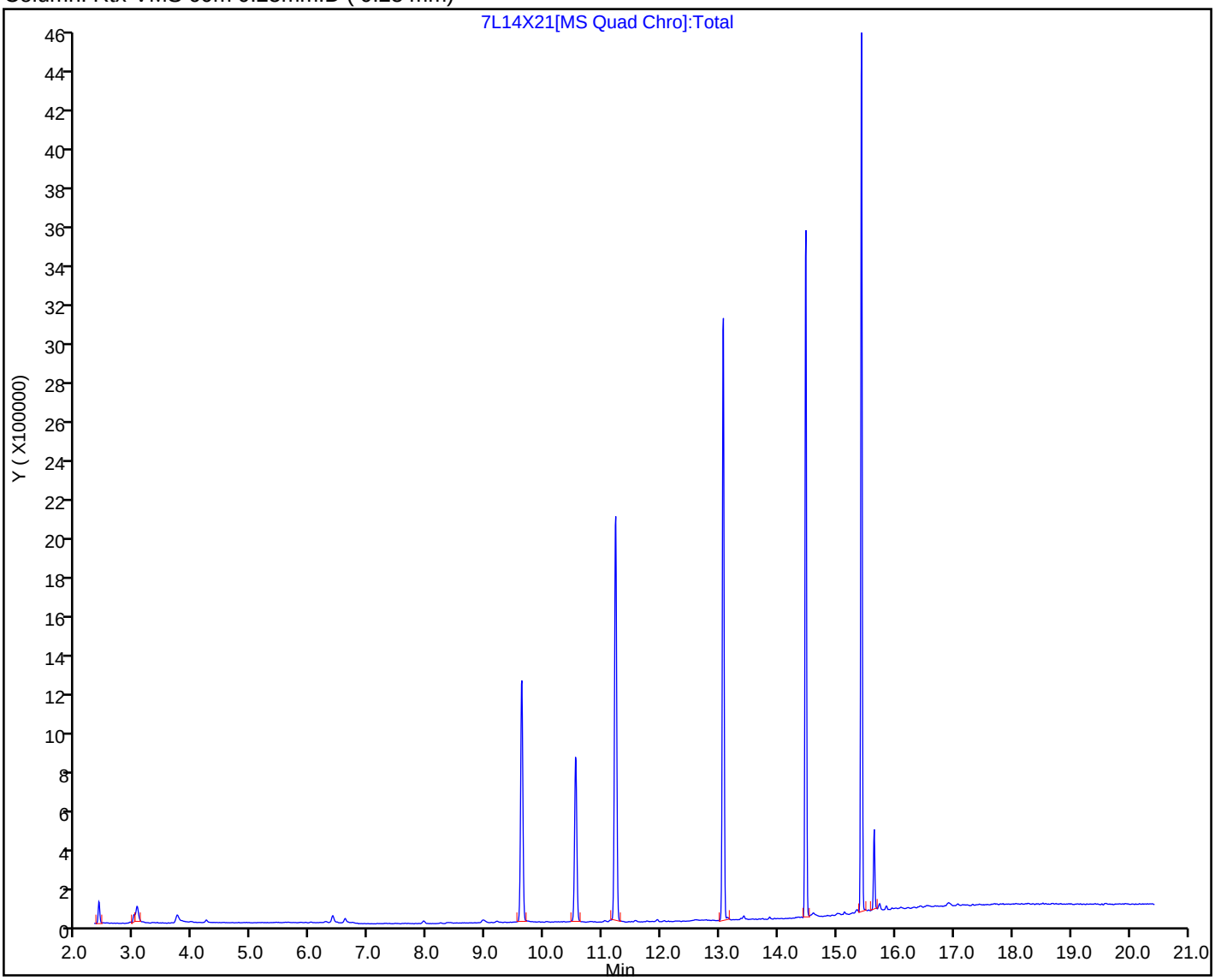
Report Date: 10-Aug-2025 19:48:52 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X21.D

Injection Date:	15-Jul-2025 00:32:39	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-6	Lab Sample ID:	410-233912-6		
Client ID:	2061				
Operator ID:	jts91224	ALS Bottle#:	16	Worklist Smp#:	47
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

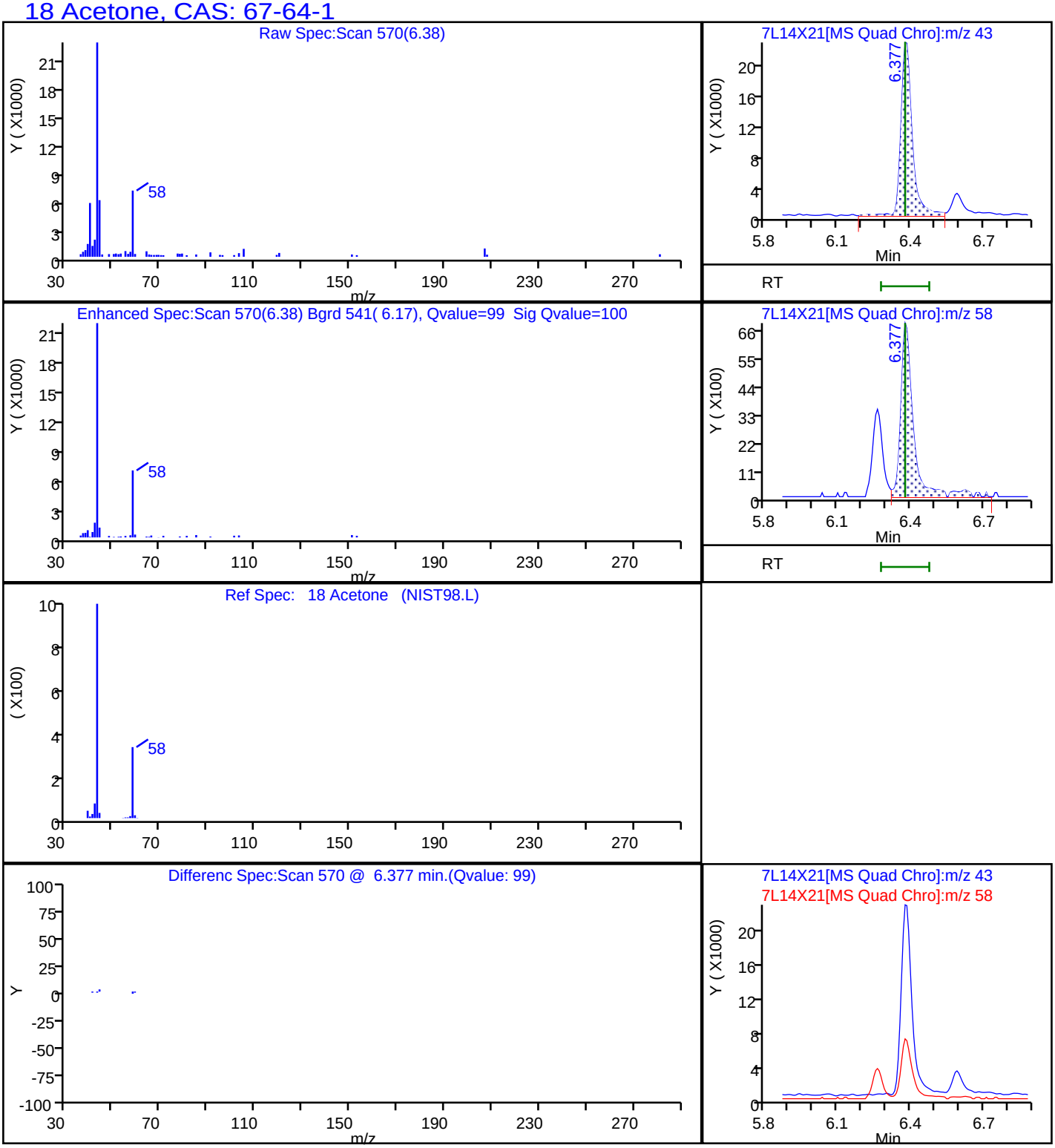


Report Date: 10-Aug-2025 19:48:52 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X21.D				
Injection Date:	15-Jul-2025 00:32:39	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-6	Lab Sample ID:	410-233912-6		
Client ID:	2061				
Operator ID:	jts91224	ALS Bottle#:	16	Worklist Smp#:	47
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

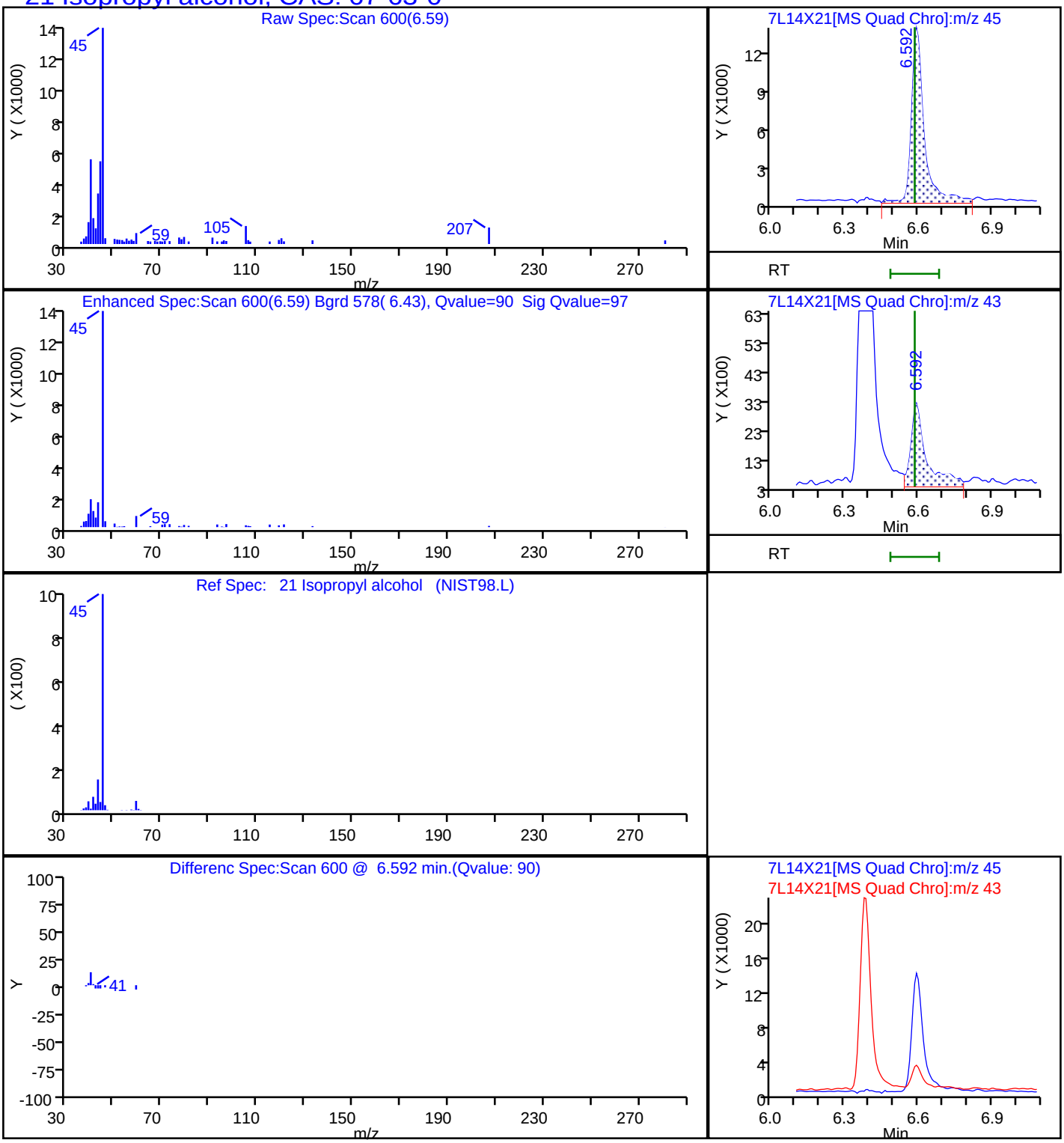


Report Date: 10-Aug-2025 19:48:52 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X21.D				
Injection Date:	15-Jul-2025 00:32:39	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-6	Lab Sample ID:	410-233912-6		
Client ID:	2061				
Operator ID:	jts91224	ALS Bottle#:	16	Worklist Smp#:	47
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

21 Isopropyl alcohol, CAS: 67-63-0



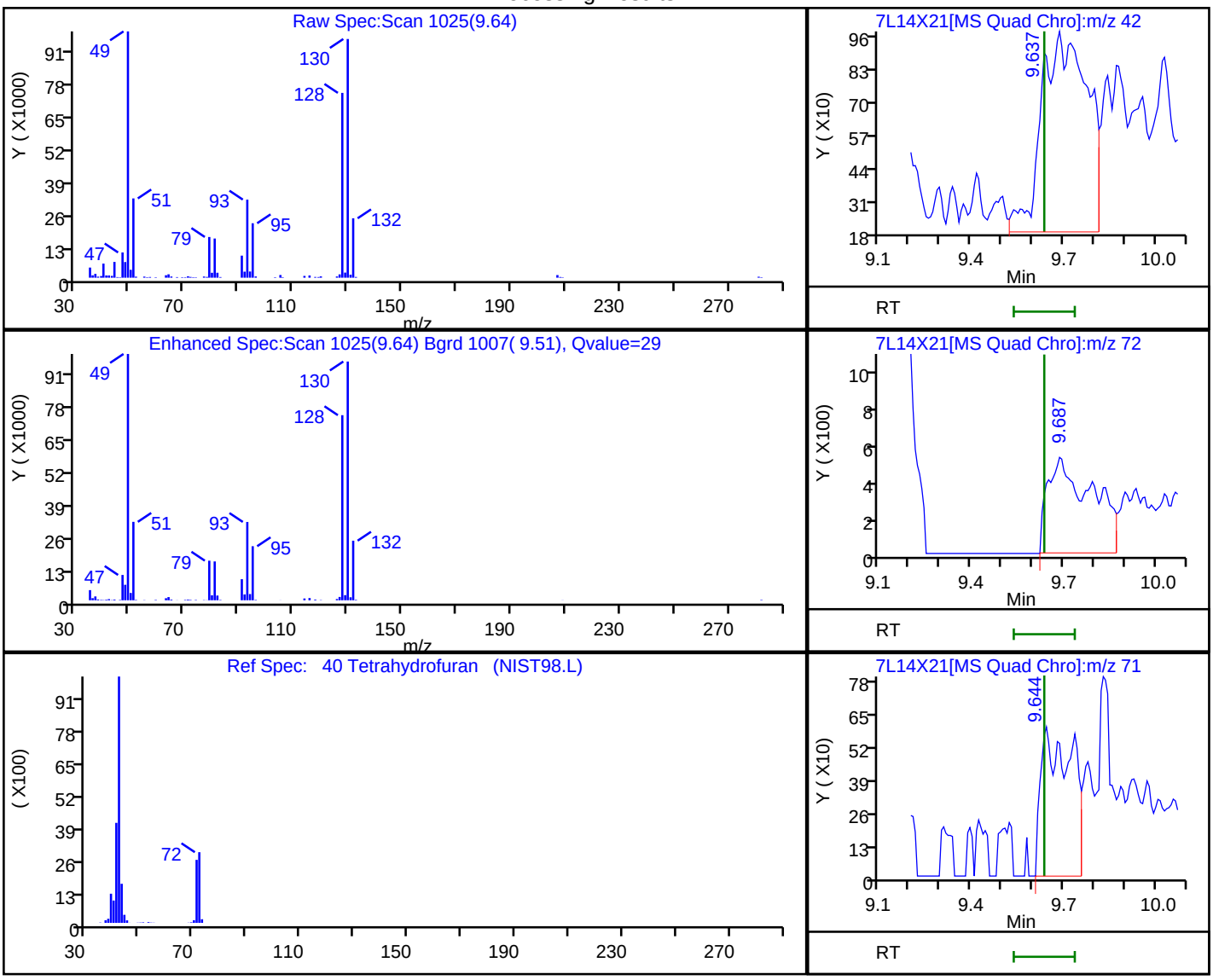
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X21.D				
Injection Date:	15-Jul-2025 00:32:39	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-6	Lab Sample ID:	410-233912-6		
Client ID:	2061				
Operator ID:	jts91224	ALS Bottle#:	16	Worklist Smp#:	47
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.64	42.00	8069	0.149882
9.69	72.00	4915	
9.64	71.00	4036	

Reviewer: D7UM, 22-Jul-2025 10:53:42 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

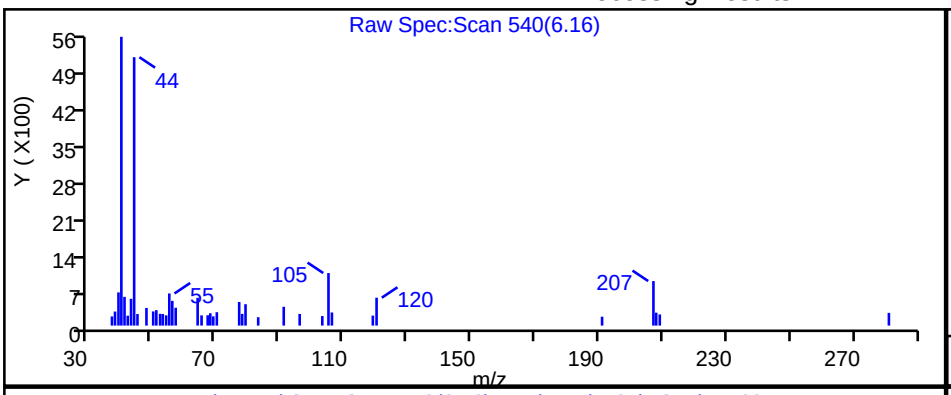
User Disabled Compound Report

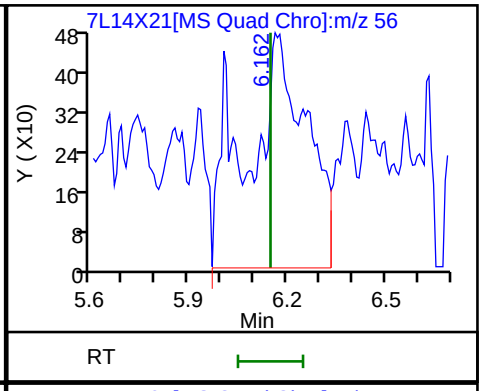
Eurofins Lancaster Laboratories Environment Testing, LLC

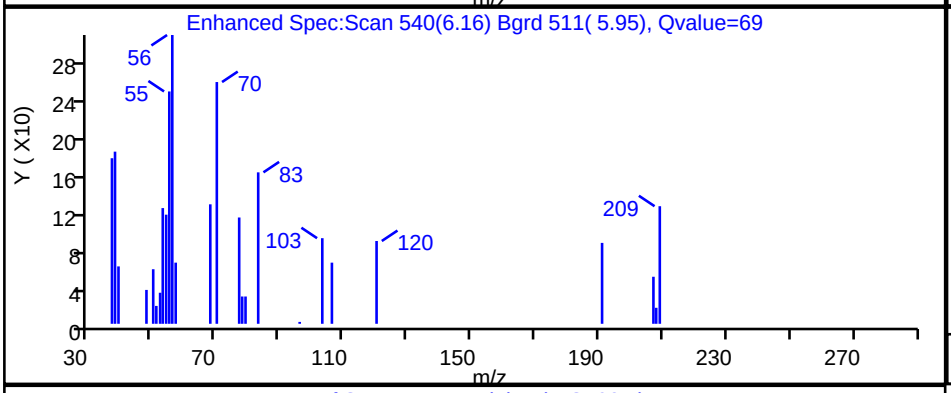
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Injection Date:	15-Jul-2025 00:32:39	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-6	Lab Sample ID:	410-233912-6		
Client ID:	2061				
Operator ID:	jts91224	ALS Bottle#:	16	Worklist Smp#:	47
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

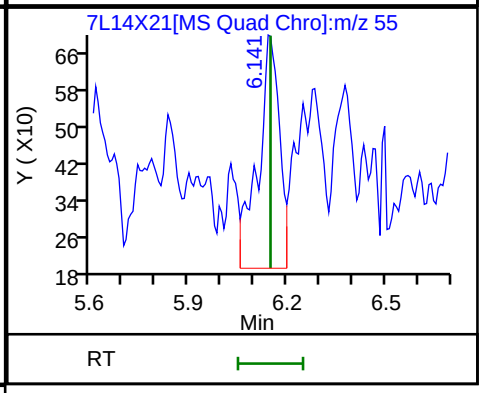
15 Acrolein, CAS: 107-02-8

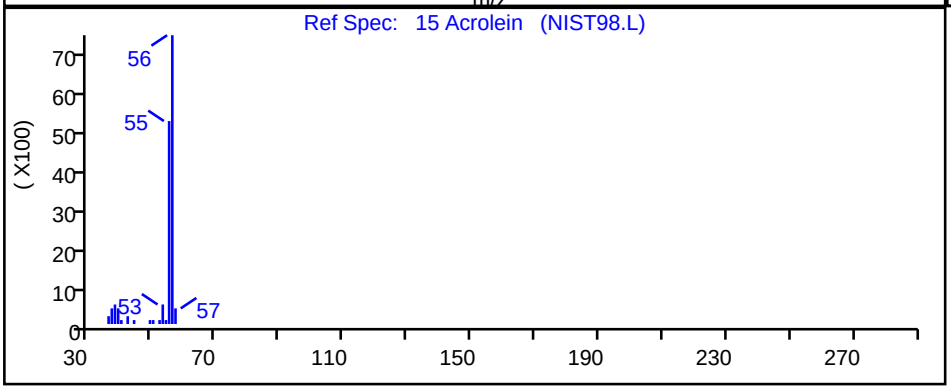
Processing Results











RT	Mass	Response	Amount
6.16	56.00	5918	0.343236
6.14	55.00	2312	

Reviewer: D7UM, 22-Jul-2025 10:53:28 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2062 Lab Sample ID: 410-233912-7

Matrix: Air Lab File ID: 7L14X22.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.8	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2062 Lab Sample ID: 410-233912-7

Matrix: Air Lab File ID: 7L14X22.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2062 Lab Sample ID: 410-233912-7

Matrix: Air Lab File ID: 7L14X22.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2062 Lab Sample ID: 410-233912-7

Matrix: Air Lab File ID: 7L14X22.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X22.D				
Lims ID:	410-233912-A-7				
Client ID:	2062				
Sample Type:	Client				
Inject. Date:	15-Jul-2025 01:07:51	ALS Bottle#:	17	Worklist Smp#:	48
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	CCN10065				
Misc. Info.:	410-0153358-019				
Operator ID:	jts91224	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	10-Aug-2025 19:47:51	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1685				
First Level Reviewer: D7UM		Date:	22-Jul-2025 11:07:28		

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	3.311	3.312	-0.001	79	2264	0.0837	
	18 Acetone	43	6.377	6.377	0.000	100	116358	1.75	
	21 Isopropyl alcohol	45	6.599	6.585	0.014	87	13841	0.2402	
	35 2-Butanone (MEK)	72	9.185	9.178	0.007	92	4394	0.1623	
*	39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	90	640556	10.0	
*	51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2427045	10.0	
*	73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2161636	10.0	

QC Flag Legend

Processing Flags

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:54 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X22.D

Injection Date: 15-Jul-2025 01:07:51 Instrument ID: HP8R004

Lims ID: 410-233912-A-7 Lab Sample ID: 410-233912-7

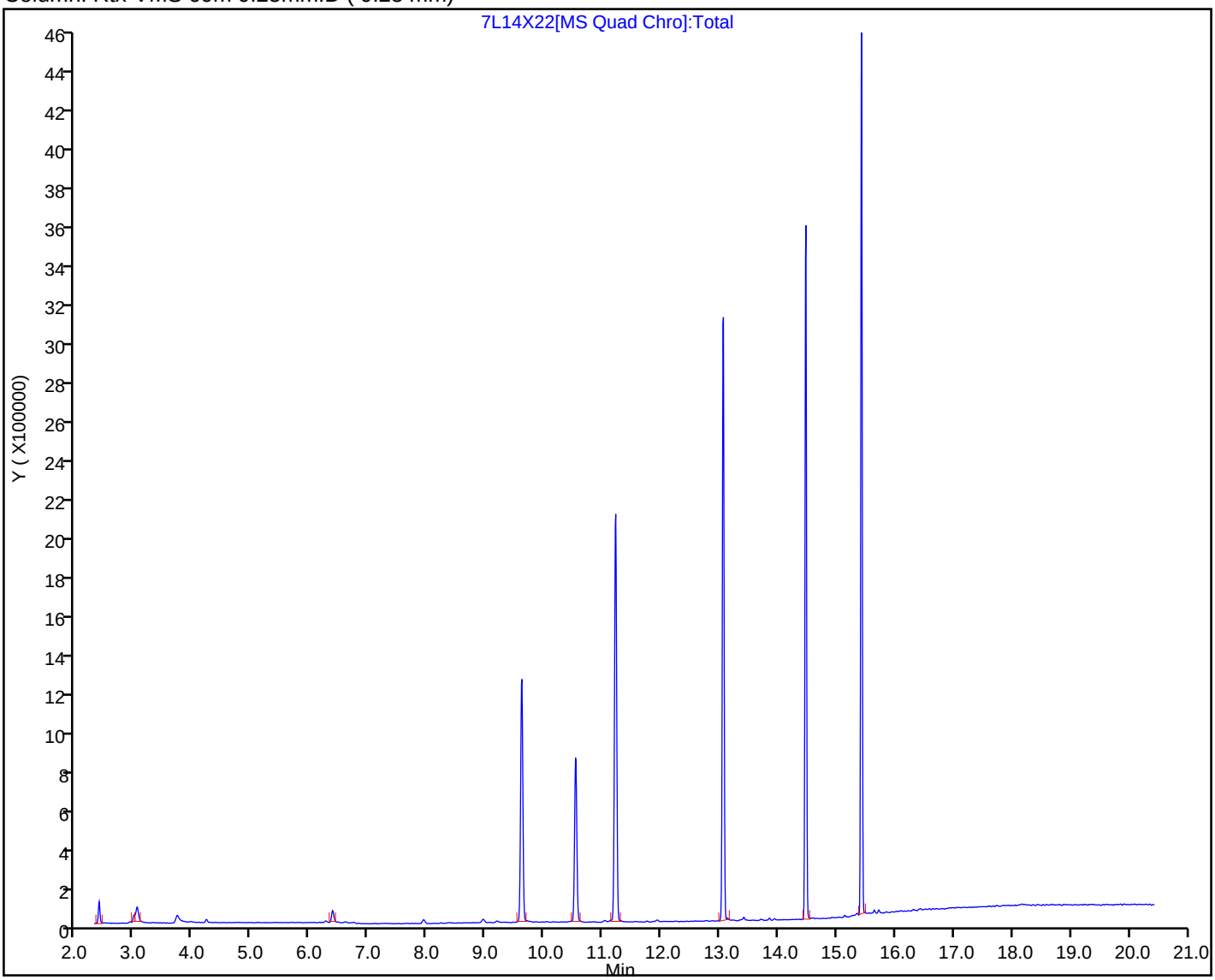
Client ID: 2062

Operator ID: jts91224 ALS Bottle#: 17 Worklist Smp#: 48

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

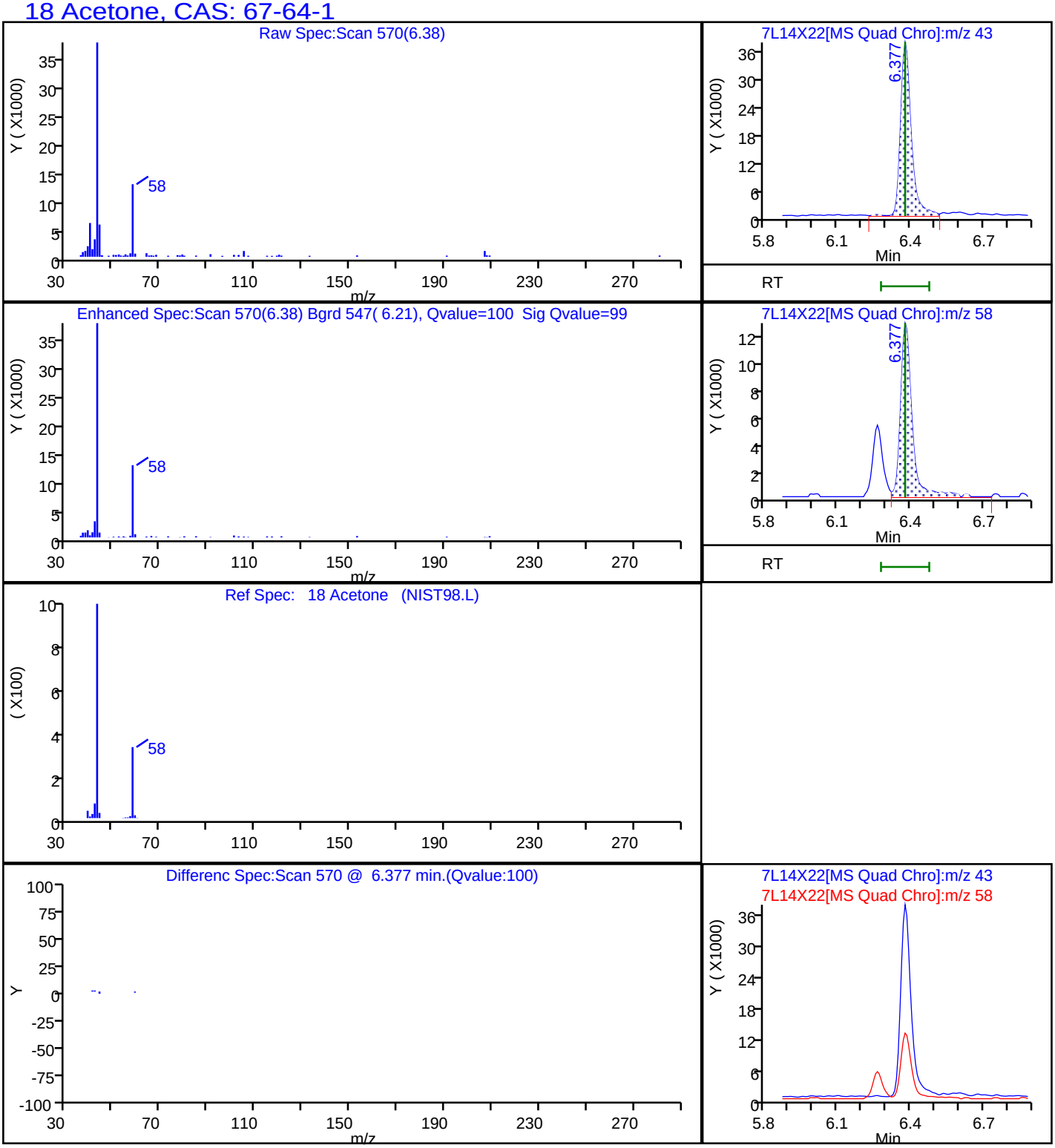


Report Date: 10-Aug-2025 19:48:54 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X22.D				
Injection Date:	15-Jul-2025 01:07:51	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-7	Lab Sample ID:	410-233912-7		
Client ID:	2062				
Operator ID:	jts91224	ALS Bottle#:	17	Worklist Smp#:	48
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1



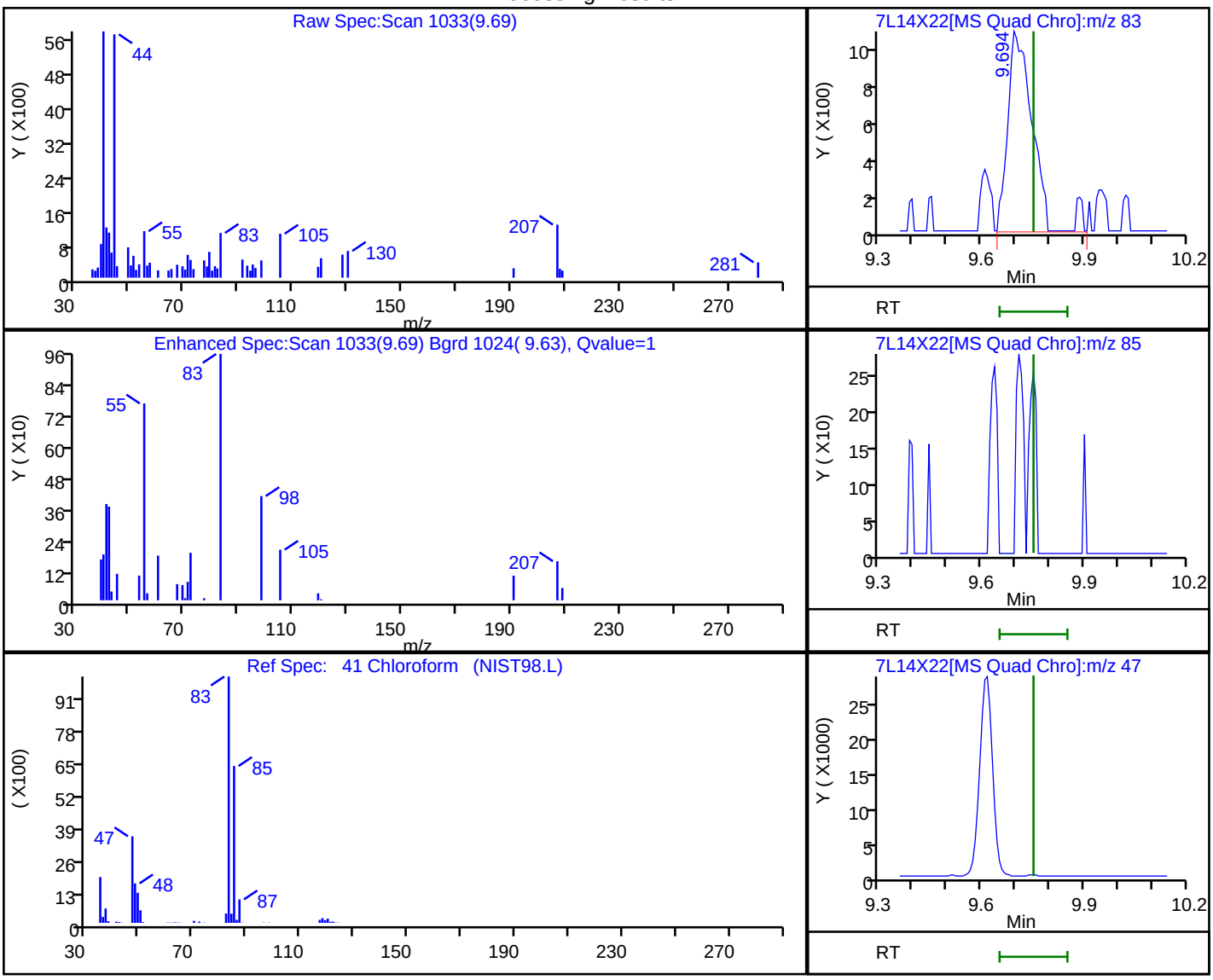
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X22.D				
Injection Date:	15-Jul-2025 01:07:51	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-7	Lab Sample ID:	410-233912-7		
Client ID:	2062				
Operator ID:	jts91224	ALS Bottle#:	17	Worklist Smp#:	48
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

41 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
9.69	83.00	5310	0.046794
9.75	85.00	0	
9.75	47.00	0	

Reviewer: D7UM, 22-Jul-2025 10:54:59 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

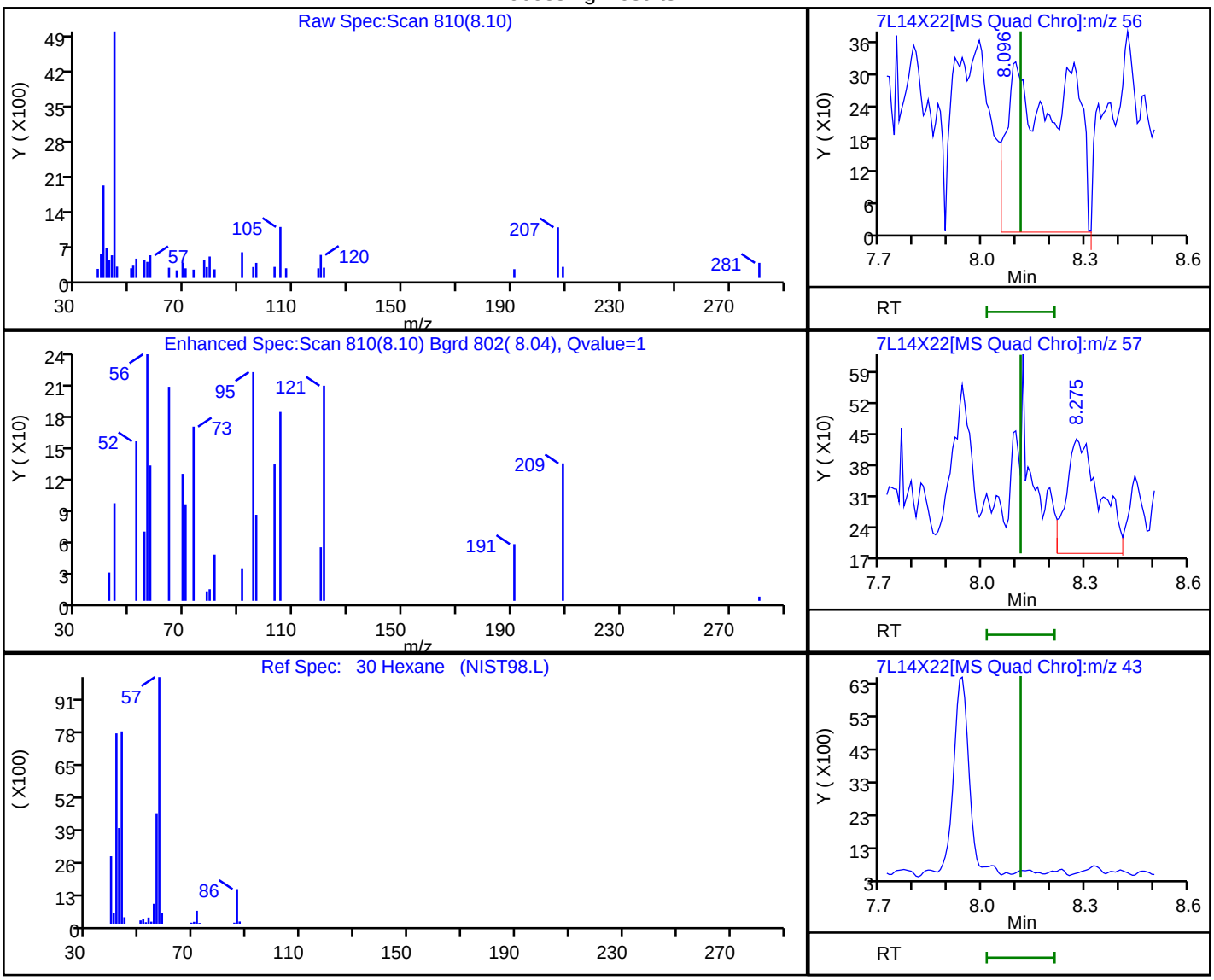
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X22.D				
Injection Date:	15-Jul-2025 01:07:51	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-7	Lab Sample ID:	410-233912-7		
Client ID:	2062				
Operator ID:	jts91224	ALS Bottle#:	17	Worklist Smp#:	48
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

30 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
8.10	56.00	3694	0.091045
8.28	57.00	1760	
8.11	43.00	0	
8.11	86.00	0	

Reviewer: D7UM, 22-Jul-2025 10:54:52 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

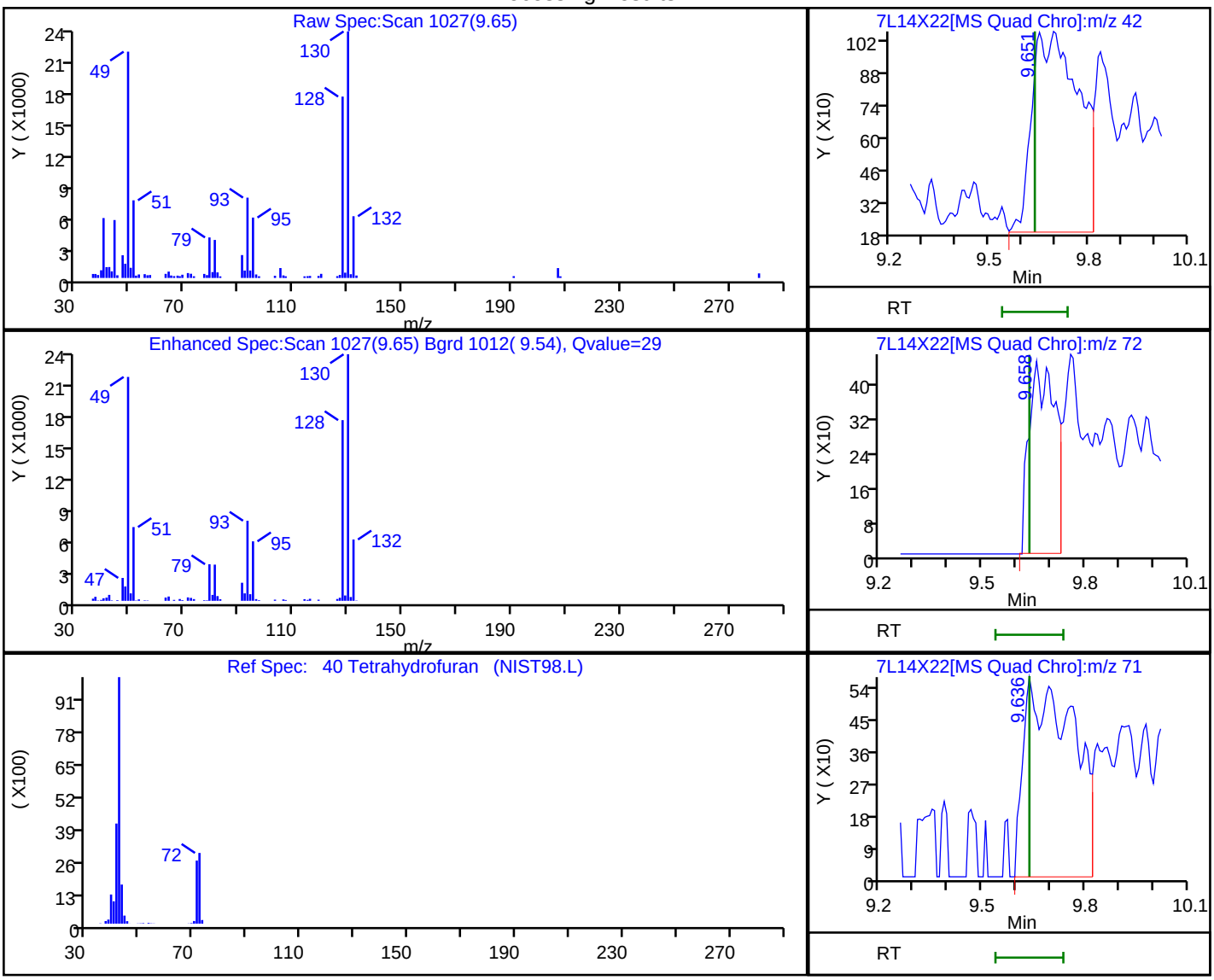
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X22.D				
Injection Date:	15-Jul-2025 01:07:51	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-7	Lab Sample ID:	410-233912-7		
Client ID:	2062				
Operator ID:	jts91224	ALS Bottle#:	17	Worklist Smp#:	48
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.65	42.00	8536	0.159079
9.66	72.00	2322	
9.64	71.00	5642	

Reviewer: D7UM, 22-Jul-2025 10:54:57 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2058 Lab Sample ID: 410-233912-8

Matrix: Air Lab File ID: 7L14X23.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.21	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.8	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2058 Lab Sample ID: 410-233912-8

Matrix: Air Lab File ID: 7L14X23.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2058 Lab Sample ID: 410-233912-8

Matrix: Air Lab File ID: 7L14X23.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2058 Lab Sample ID: 410-233912-8

Matrix: Air Lab File ID: 7L14X23.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 01:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X23.D				
Lims ID:	410-233912-A-8				
Client ID:	2058				
Sample Type:	Client				
Inject. Date:	15-Jul-2025 01:44:21	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	CCN9950				
Misc. Info.:	410-0153358-020				
Operator ID:	jts91224	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	10-Aug-2025 19:47:51	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1685				
First Level Reviewer: D7UM		Date:	22-Jul-2025 11:09:56		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.304	3.312	-0.008	87	3795	0.1412	M
18 Acetone	43	6.377	6.377	0.000	99	117392	1.78	
21 Isopropyl alcohol	45	6.592	6.585	0.007	99	30112	0.5259	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	99	5769	0.2145	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	636491	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2405971	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2163339	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

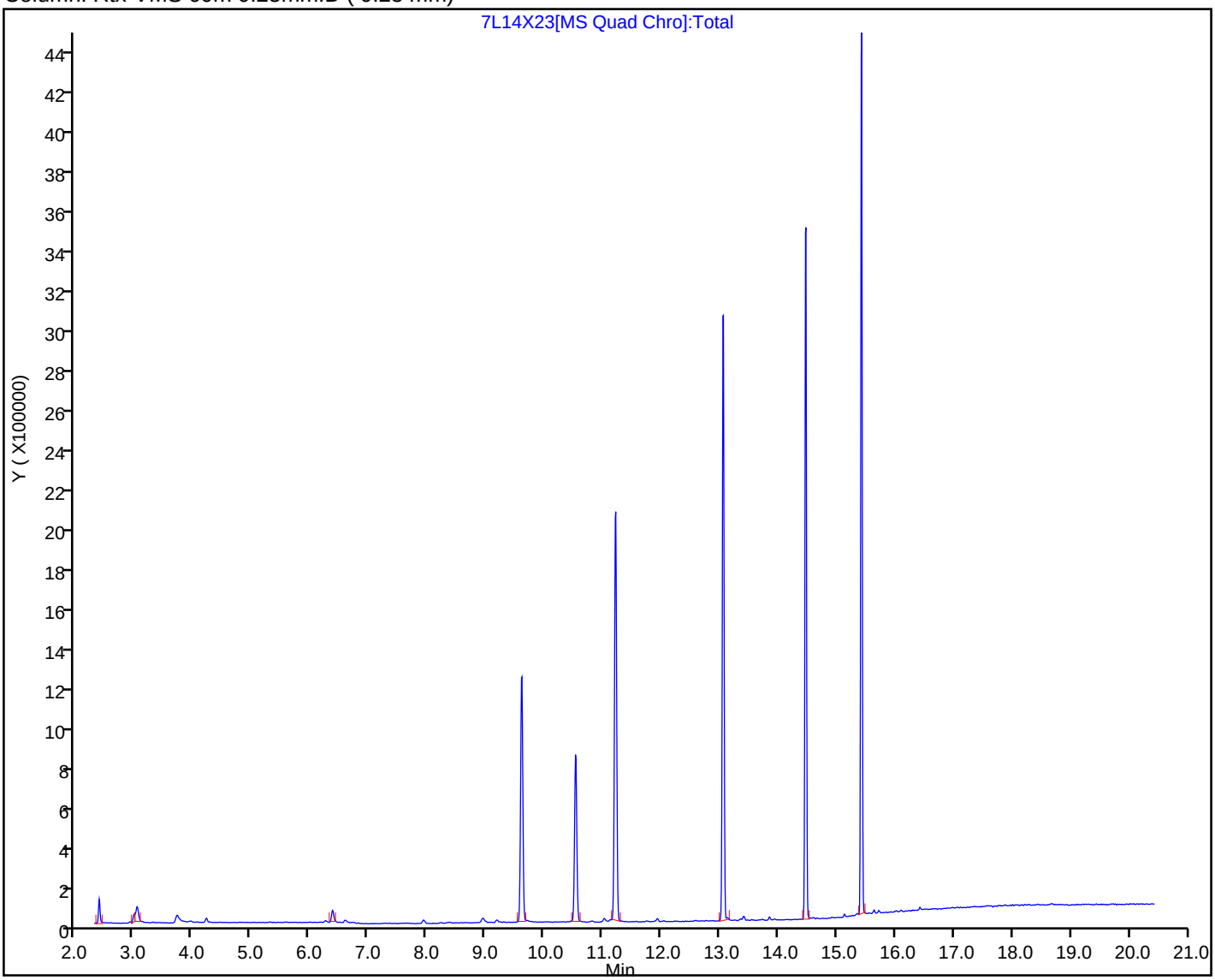
AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	15-Jul-2025 01:44:21	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-8	Lab Sample ID:	410-233912-8		
Client ID:	2058				
Operator ID:	jts91224	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

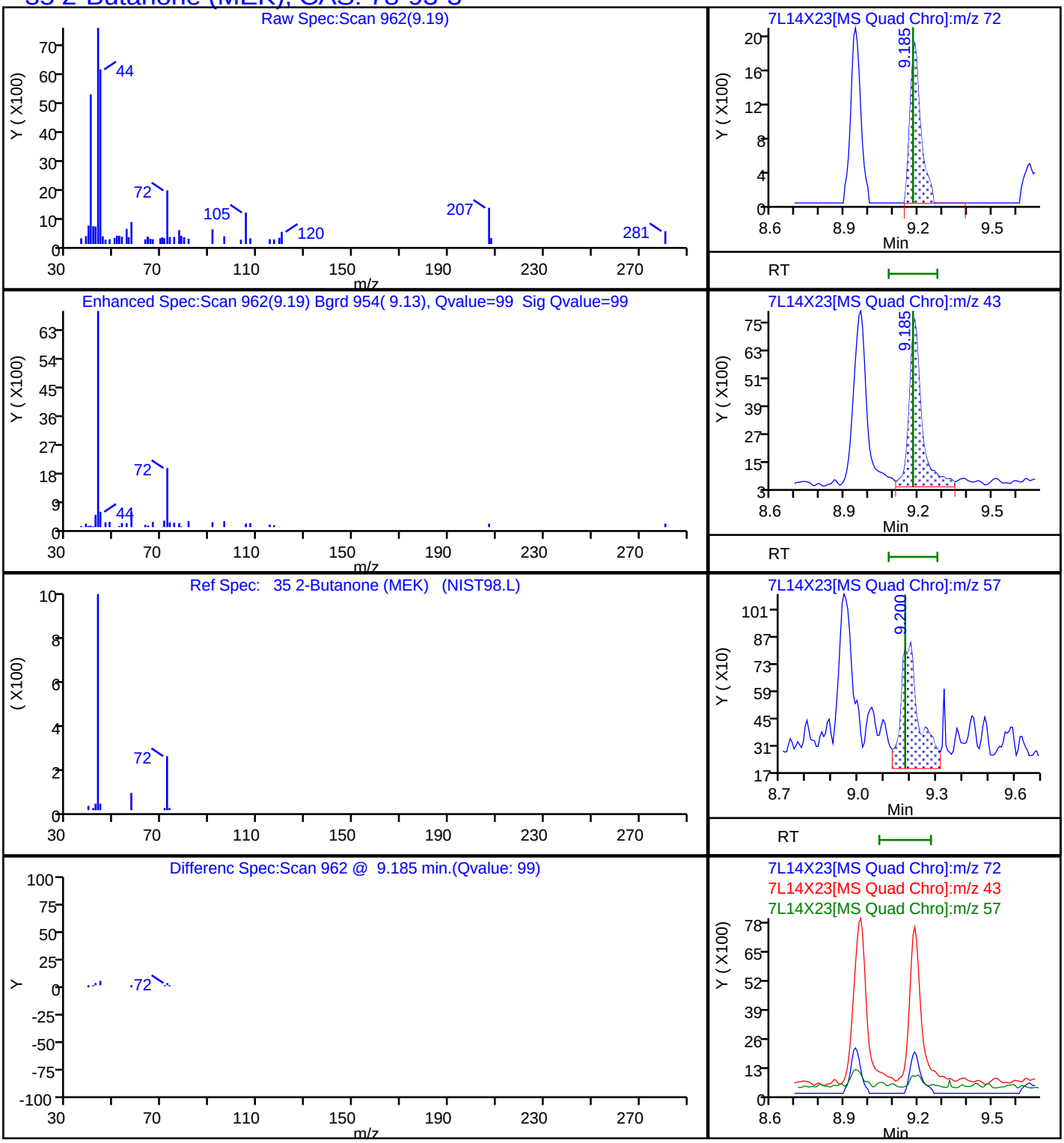


Report Date: 10-Aug-2025 19:48:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X23.D				
Injection Date:	15-Jul-2025 01:44:21	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-8	Lab Sample ID:	410-233912-8		
Client ID:	2058				
Operator ID:	jts91224	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

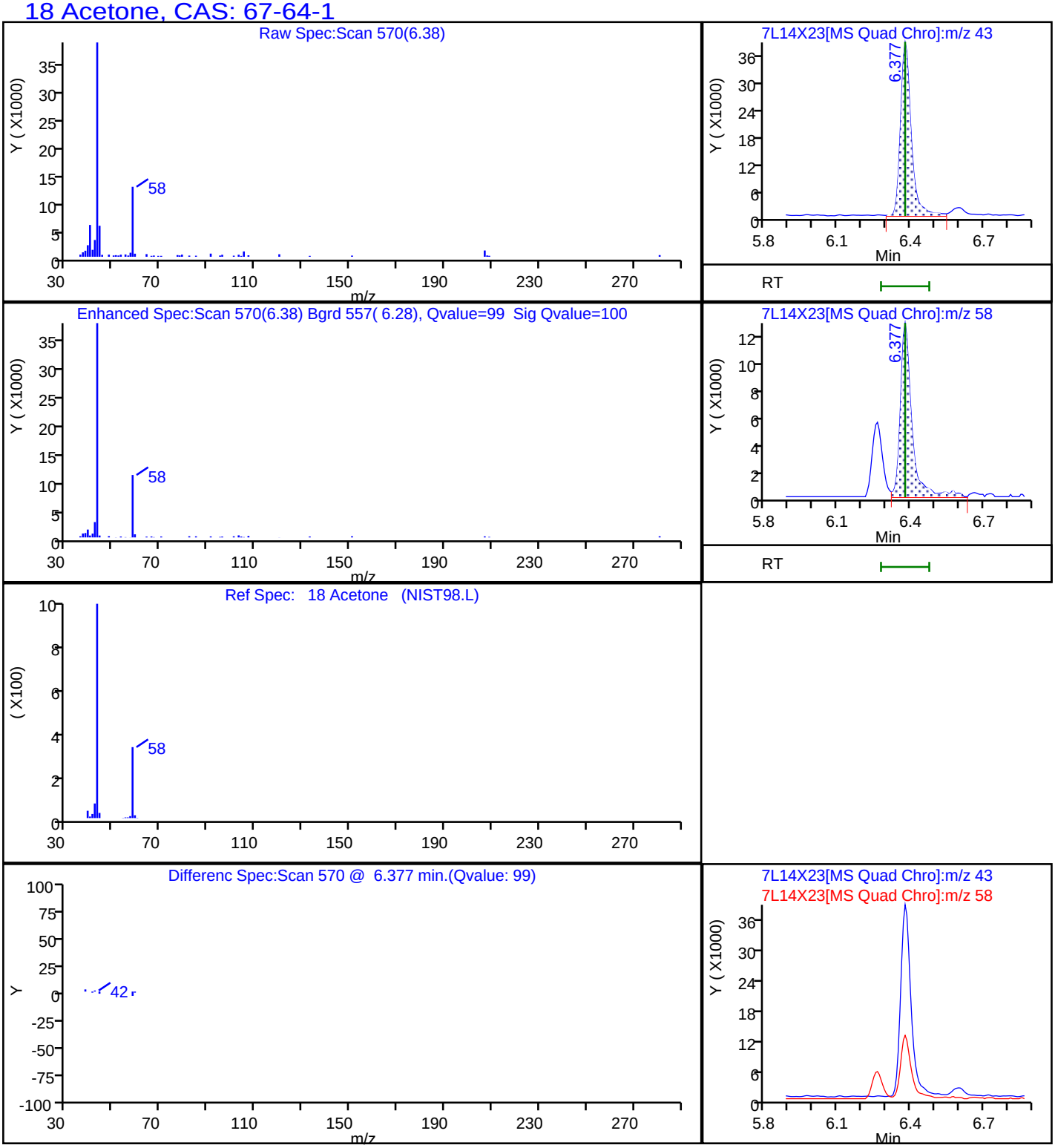


Report Date: 10-Aug-2025 19:48:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X23.D				
Injection Date:	15-Jul-2025 01:44:21	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-8	Lab Sample ID:	410-233912-8		
Client ID:	2058				
Operator ID:	jts91224	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1



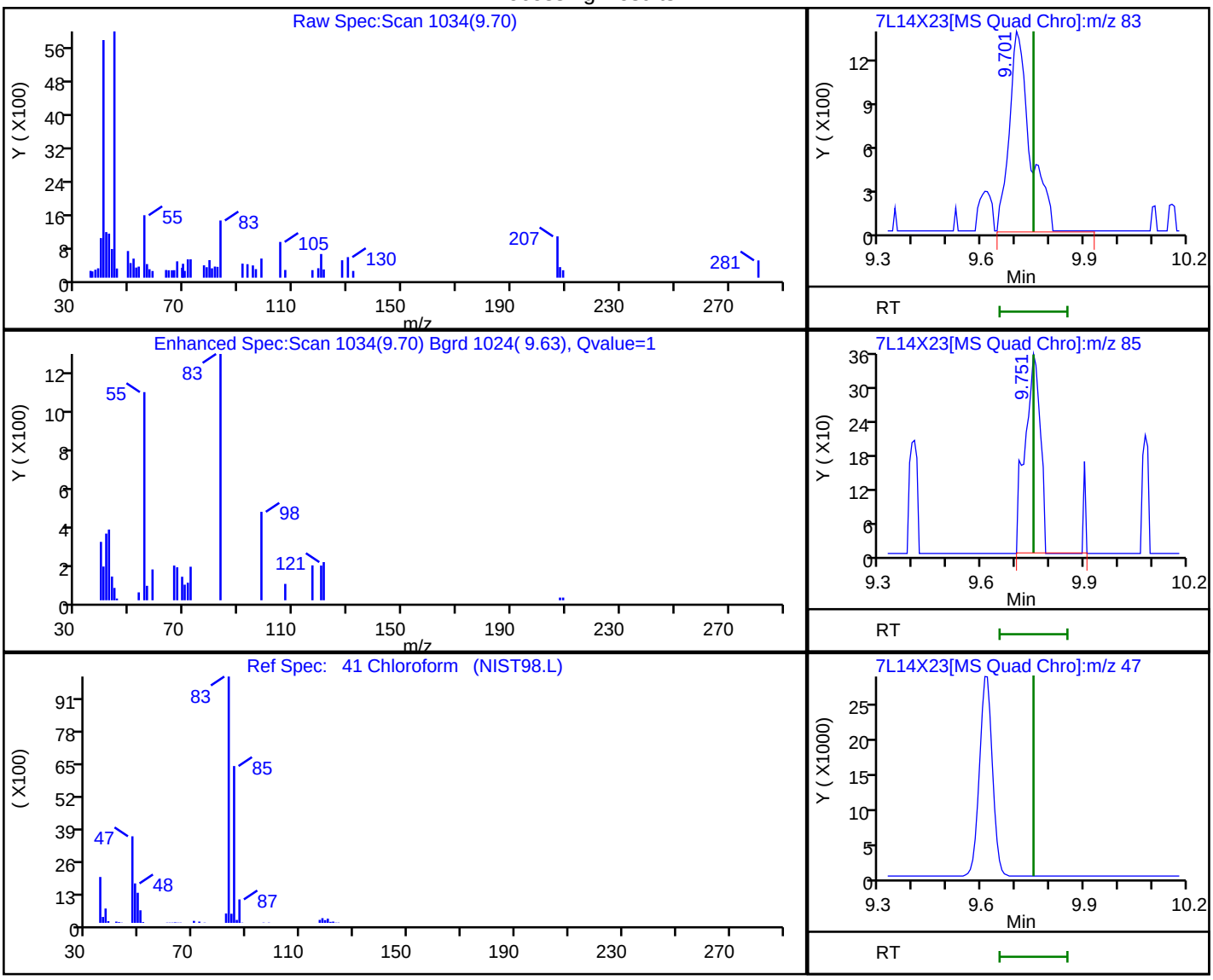
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	15-Jul-2025 01:44:21	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-8	Lab Sample ID:	410-233912-8		
Client ID:	2058				
Operator ID:	jts91224	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

41 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
9.70	83.00	5802	0.051456
9.75	85.00	1157	
9.75	47.00	0	

Reviewer: D7UM, 22-Jul-2025 11:08:03 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

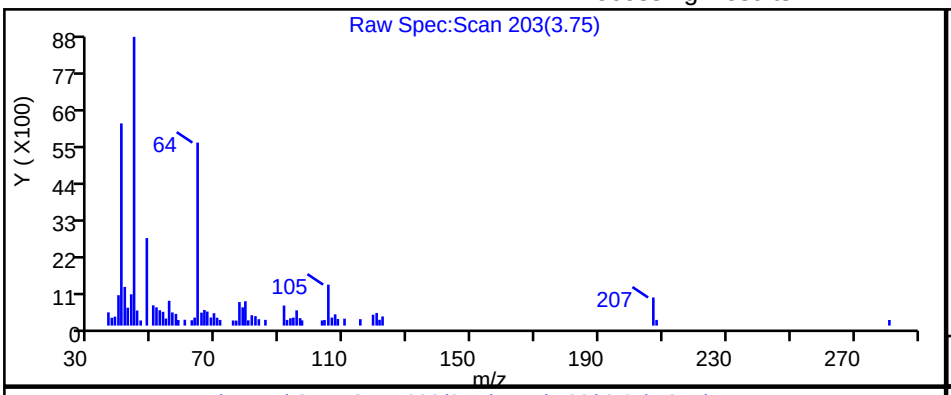
User Disabled Compound Report

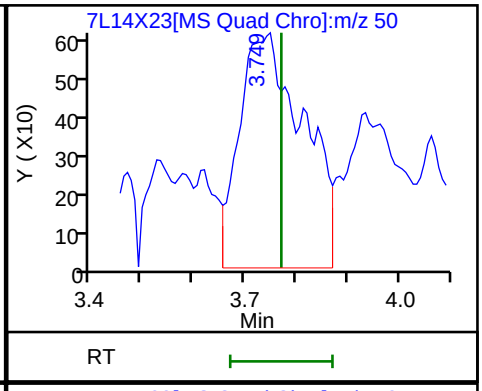
Eurofins Lancaster Laboratories Environment Testing, LLC

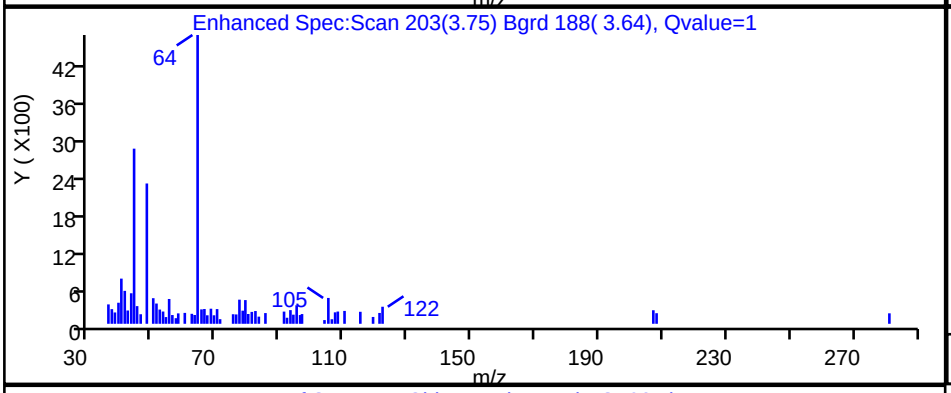
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Injection Date:	15-Jul-2025 01:44:21	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-8	Lab Sample ID:	410-233912-8		
Client ID:	2058				
Operator ID:	jts91224	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

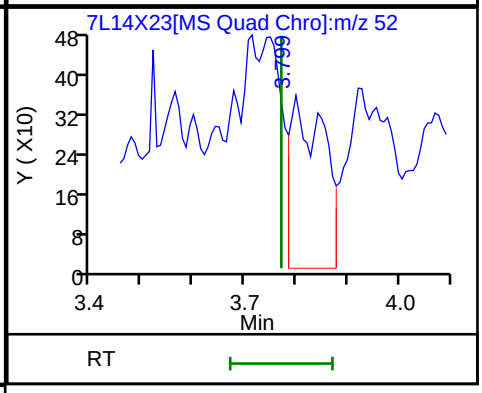
5 Chloromethane, CAS: 74-87-3

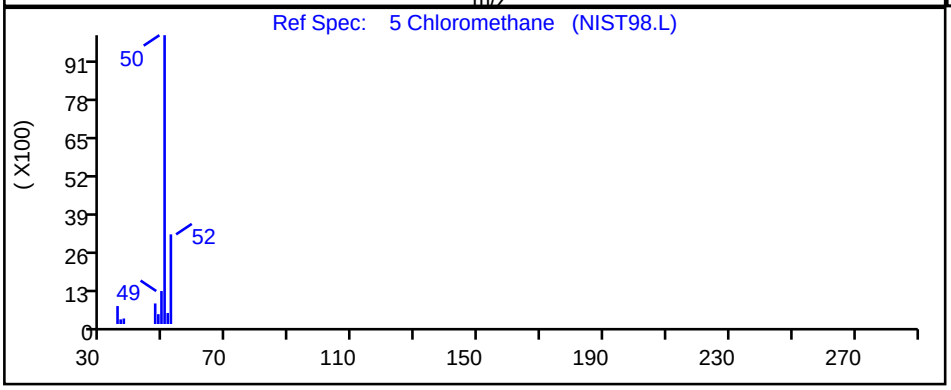
Processing Results











RT	Mass	Response	Amount
3.75	50.00	5332	0.150278
3.80	52.00	1515	

Reviewer: D7UM, 22-Jul-2025 11:07:49 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

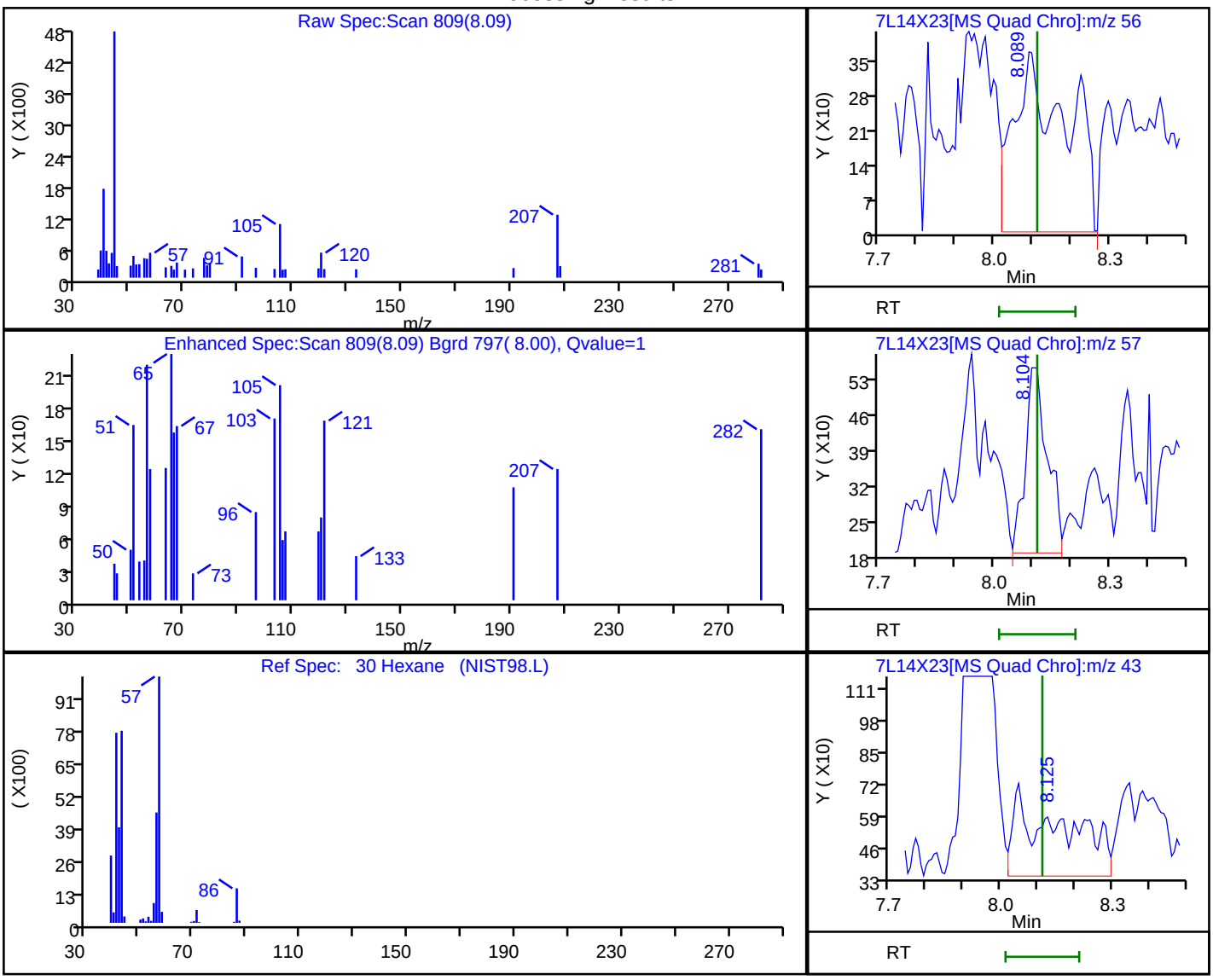
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X23.D				
Injection Date:	15-Jul-2025 01:44:21	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-8	Lab Sample ID:	410-233912-8		
Client ID:	2058				
Operator ID:	jts91224	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

30 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
8.09	56.00	3463	0.085897
8.10	57.00	1464	
8.13	43.00	3341	
8.11	86.00	0	

Reviewer: D7UM, 22-Jul-2025 11:07:57 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

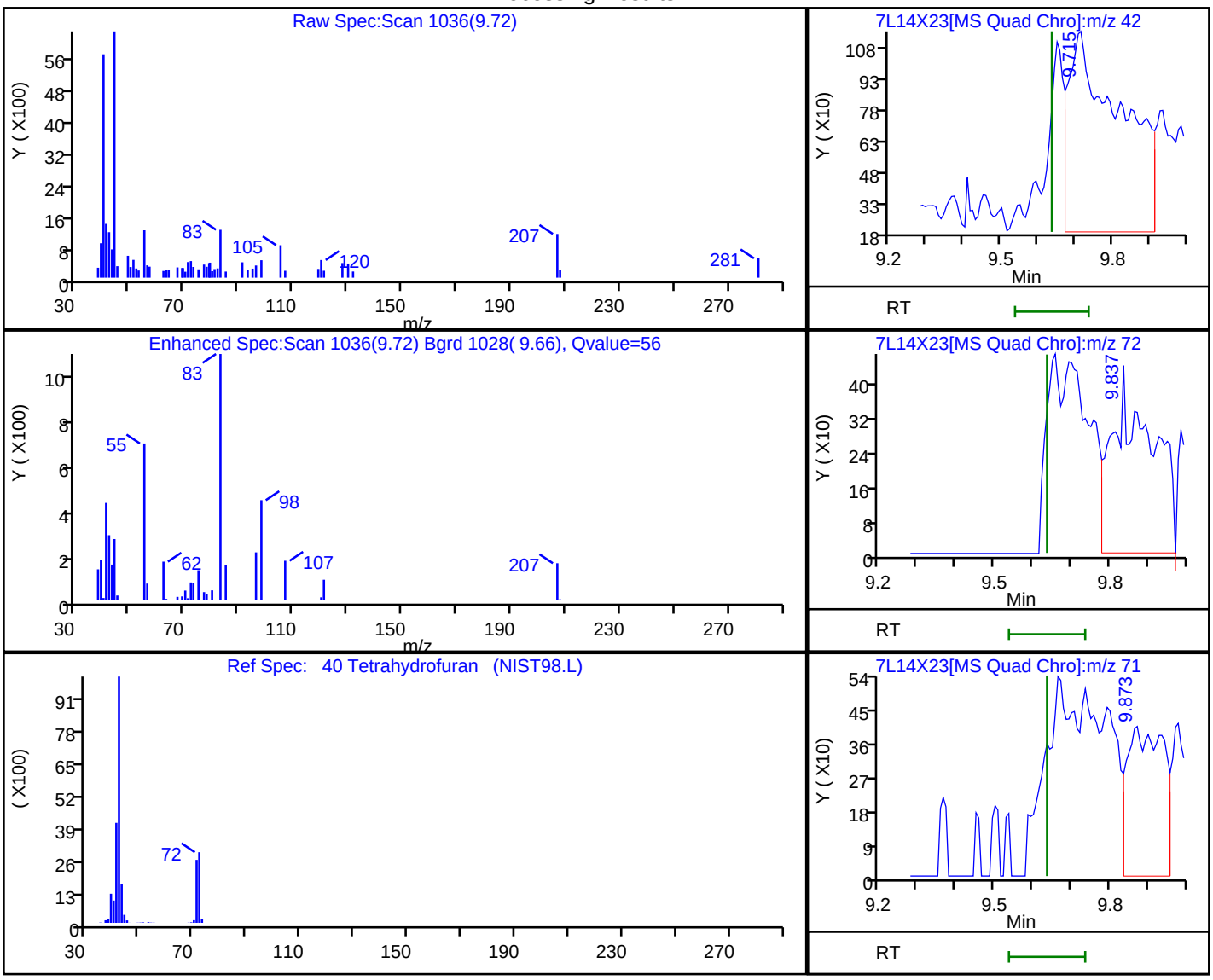
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X23.D				
Injection Date:	15-Jul-2025 01:44:21	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-8	Lab Sample ID:	410-233912-8		
Client ID:	2058				
Operator ID:	jts91224	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.72	42.00	9454	0.177312
9.84	72.00	3051	
9.87	71.00	2579	

Reviewer: D7UM, 22-Jul-2025 11:08:02 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

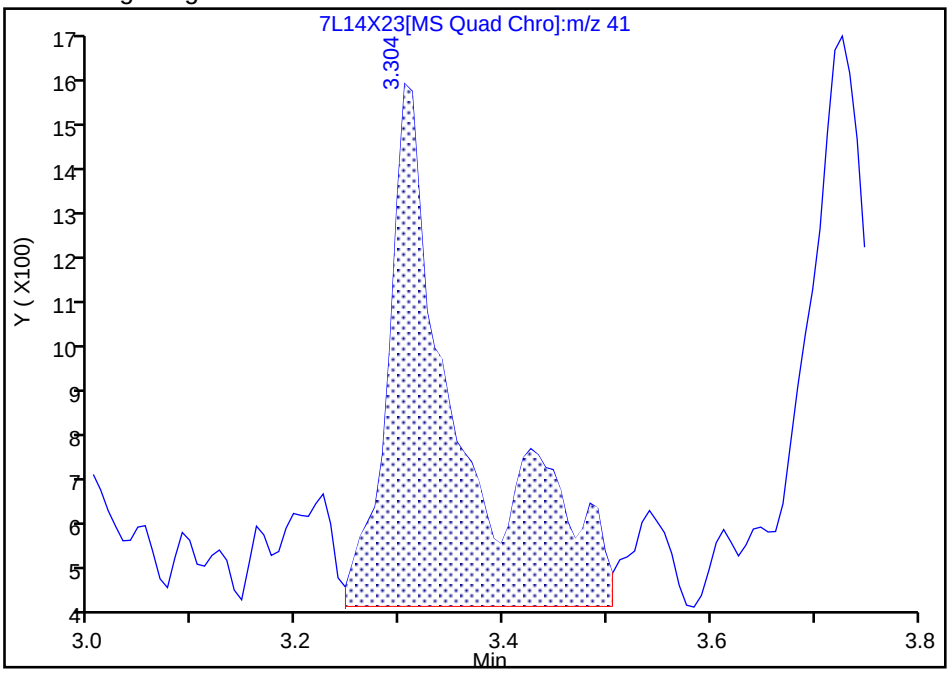
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Injection Date:	15-Jul-2025 01:44:21	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-8	Lab Sample ID:	410-233912-8		
Client ID:	2058				
Operator ID:	jts91224	ALS Bottle#:	18	Worklist Smp#:	49
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

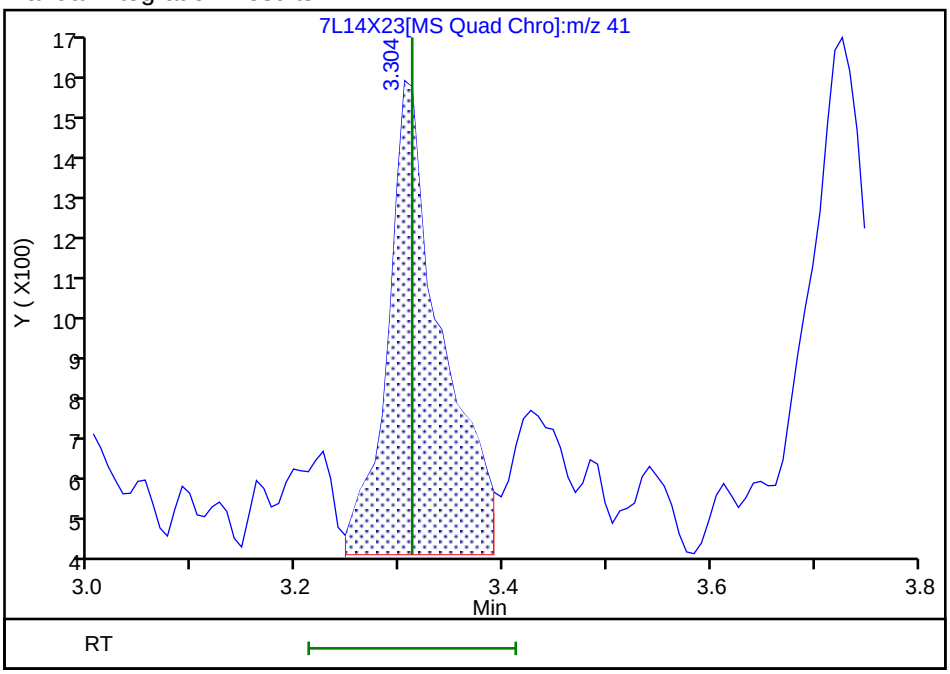
Processing Integration Results

RT: 3.30
Area: 5257
Amount: 0.195554
Amount Units: ppb v/v



Manual Integration Results

RT: 3.30
Area: 3795
Amount: 0.141169
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 11:07:36 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2018 Lab Sample ID: 410-233912-9

Matrix: Air Lab File ID: 7L14X24.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.4	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2018 Lab Sample ID: 410-233912-9

Matrix: Air Lab File ID: 7L14X24.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2018 Lab Sample ID: 410-233912-9

Matrix: Air Lab File ID: 7L14X24.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	0.60	J	1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2018 Lab Sample ID: 410-233912-9

Matrix: Air Lab File ID: 7L14X24.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X24.D				
Lims ID:	410-233912-A-9				
Client ID:	2018				
Sample Type:	Client				
Inject. Date:	15-Jul-2025 02:18:54	ALS Bottle#:	19	Worklist Smp#:	50
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	CCN9944				
Misc. Info.:	410-0153358-021				
Operator ID:	jts91224	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	10-Aug-2025 19:47:51	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1685				
First Level Reviewer: D7UM		Date:	22-Jul-2025 11:11:43		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.311	3.312	-0.001	84	1934	0.0719	7M
18 Acetone	43	6.377	6.377	0.000	99	93563	1.42	
21 Isopropyl alcohol	45	6.599	6.585	0.014	67	34366	0.5995	
35 2-Butanone (MEK)	72	9.192	9.178	0.014	98	3596	0.1336	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	90	637164	10.0	
* 51 1,4-Difluorobenzene	114	11.219	11.220	-0.001	94	2404377	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.471	14.472	-0.001	86	2157072	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:48:58 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X24.D

Injection Date: 15-Jul-2025 02:18:54 Instrument ID: HP8R004

Lims ID: 410-233912-A-9 Lab Sample ID: 410-233912-9

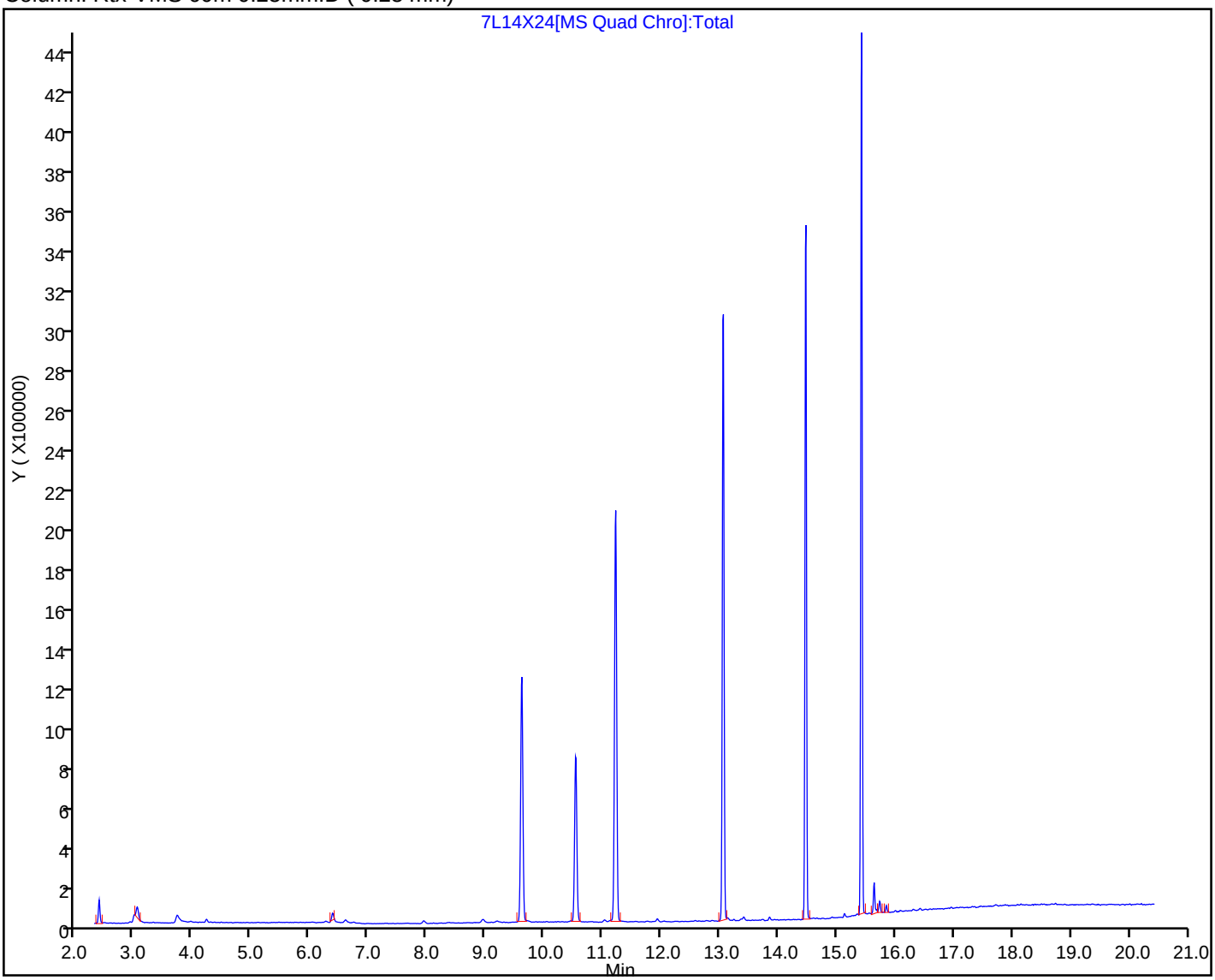
Client ID: 2018

Operator ID: jts91224 ALS Bottle#: 19 Worklist Smp#: 50

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

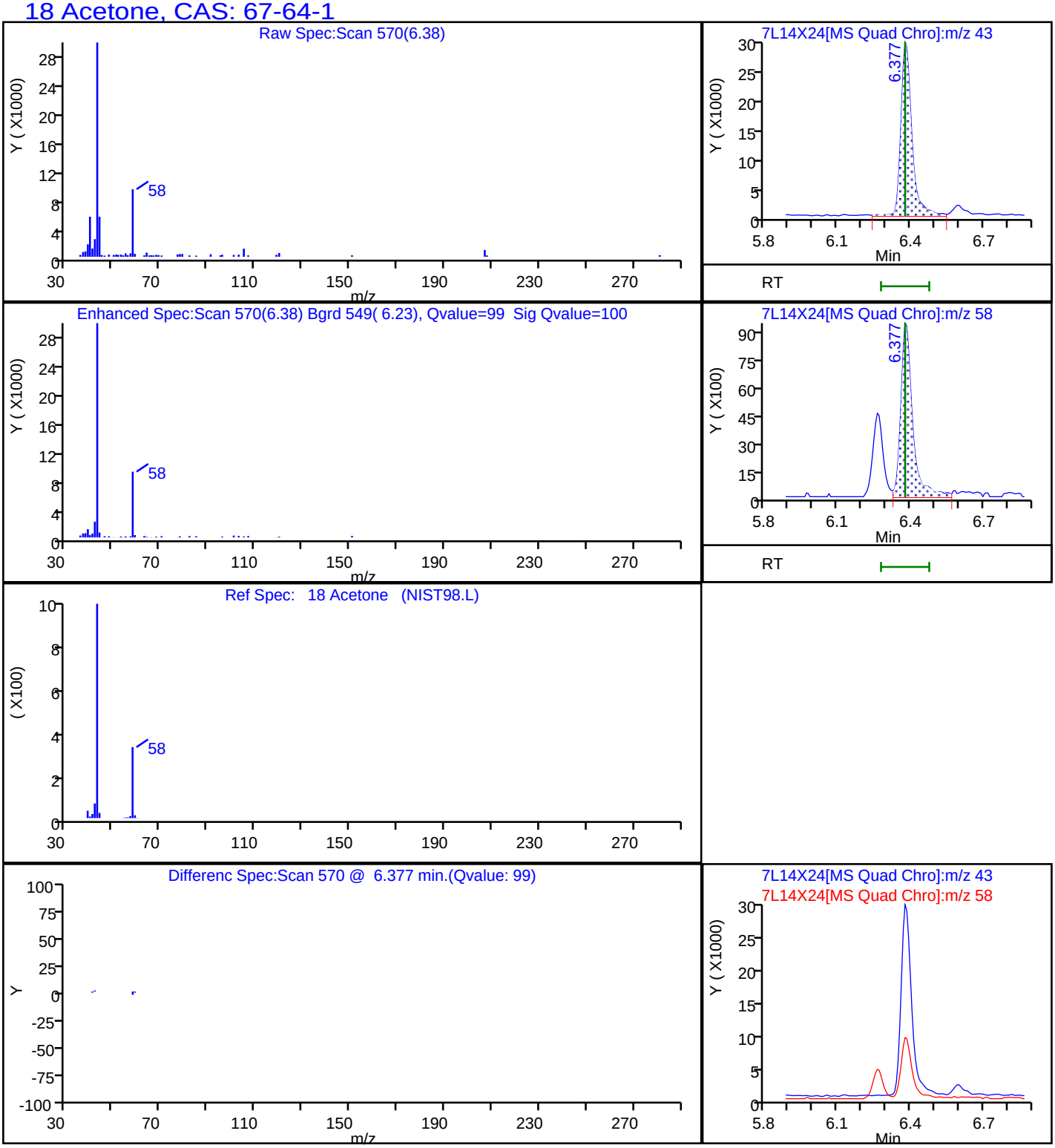


Report Date: 10-Aug-2025 19:48:58 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X24.D				
Injection Date:	15-Jul-2025 02:18:54	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-9	Lab Sample ID:	410-233912-9		
Client ID:	2018				
Operator ID:	jts91224	ALS Bottle#:	19	Worklist Smp#:	50
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

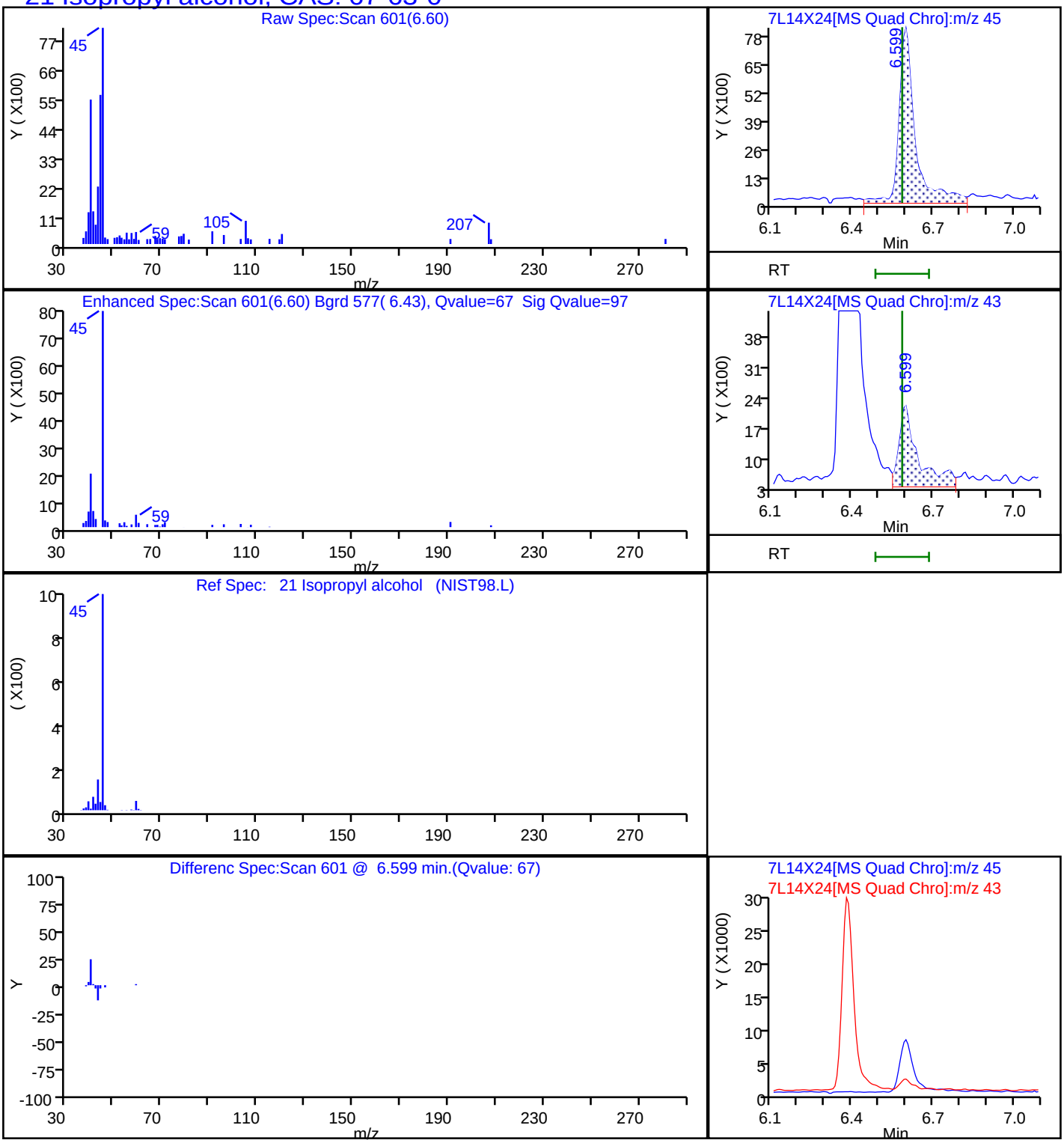


Report Date: 10-Aug-2025 19:48:58 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X24.D				
Injection Date:	15-Jul-2025 02:18:54	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-9	Lab Sample ID:	410-233912-9		
Client ID:	2018				
Operator ID:	jts91224	ALS Bottle#:	19	Worklist Smp#:	50
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

21 Isopropyl alcohol, CAS: 67-63-0



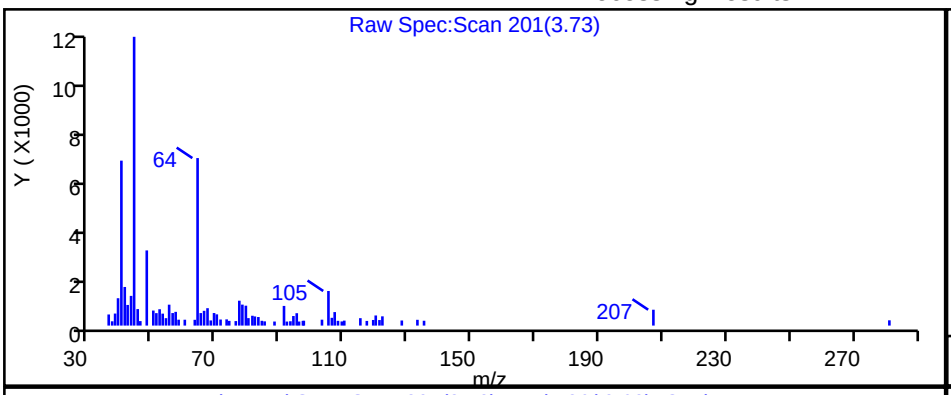
User Disabled Compound Report

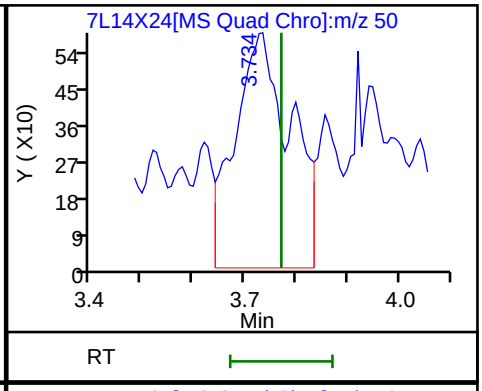
Eurofins Lancaster Laboratories Environment Testing, LLC

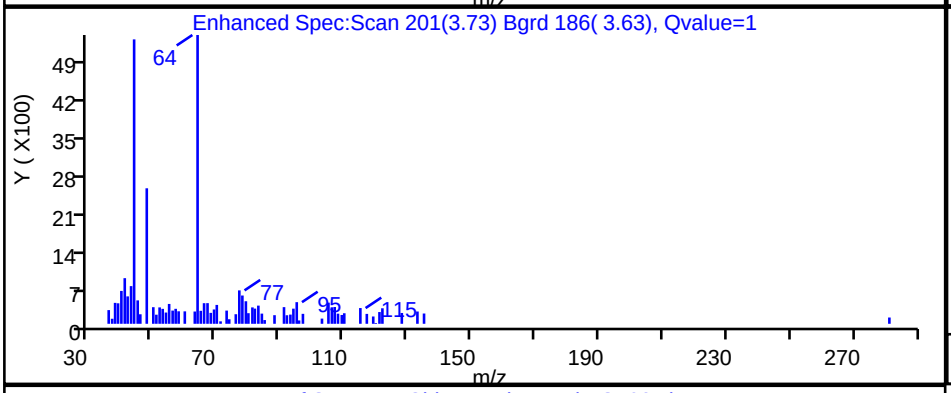
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X24.D				
Injection Date:	15-Jul-2025 02:18:54	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-9	Lab Sample ID:	410-233912-9		
Client ID:	2018				
Operator ID:	jts91224	ALS Bottle#:	19	Worklist Smp#:	50
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

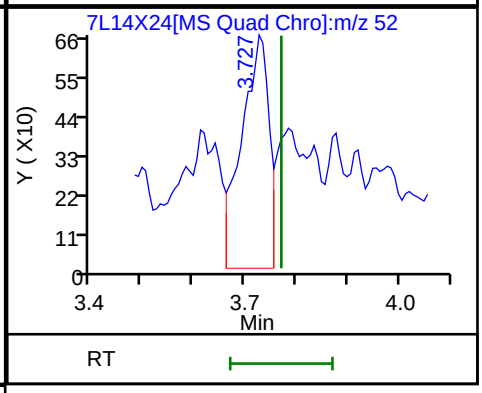
5 Chloromethane, CAS: 74-87-3

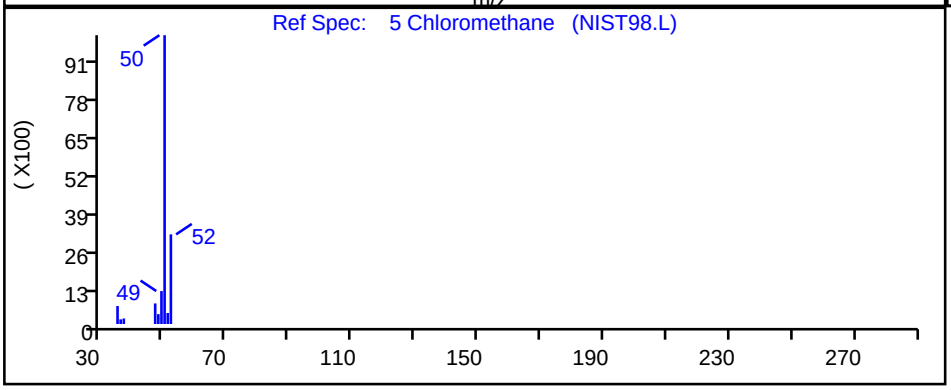
Processing Results











RT	Mass	Response	Amount
3.73	50.00	4451	0.125315
3.73	52.00	2428	

Reviewer: D7UM, 22-Jul-2025 11:10:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

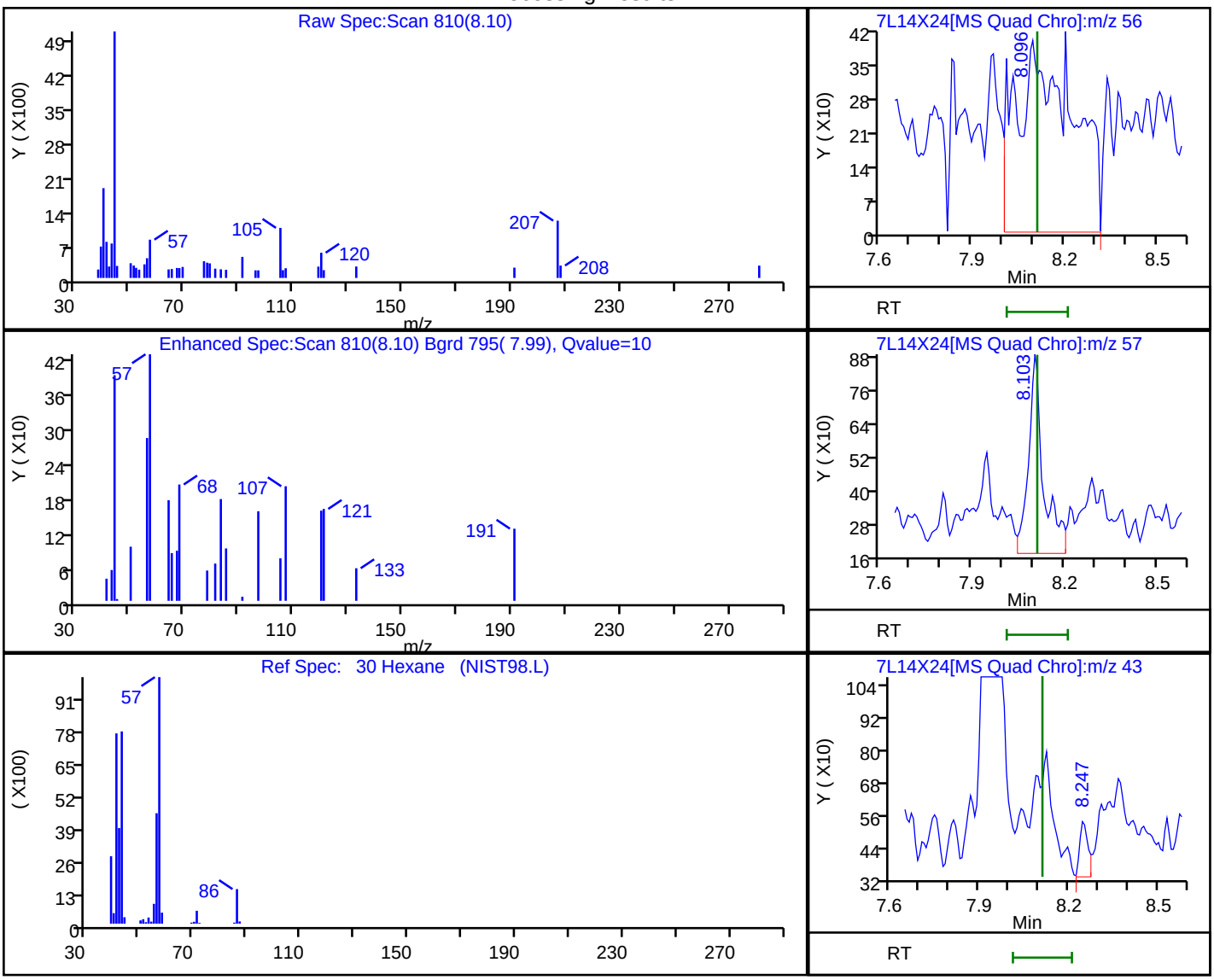
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X24.D				
Injection Date:	15-Jul-2025 02:18:54	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-9	Lab Sample ID:	410-233912-9		
Client ID:	2018				
Operator ID:	jts91224	ALS Bottle#:	19	Worklist Smp#:	50
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

30 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
8.10	56.00	5051	0.125153
8.10	57.00	2397	
8.25	43.00	380	
8.11	86.00	0	

Reviewer: D7UM, 22-Jul-2025 11:10:43 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

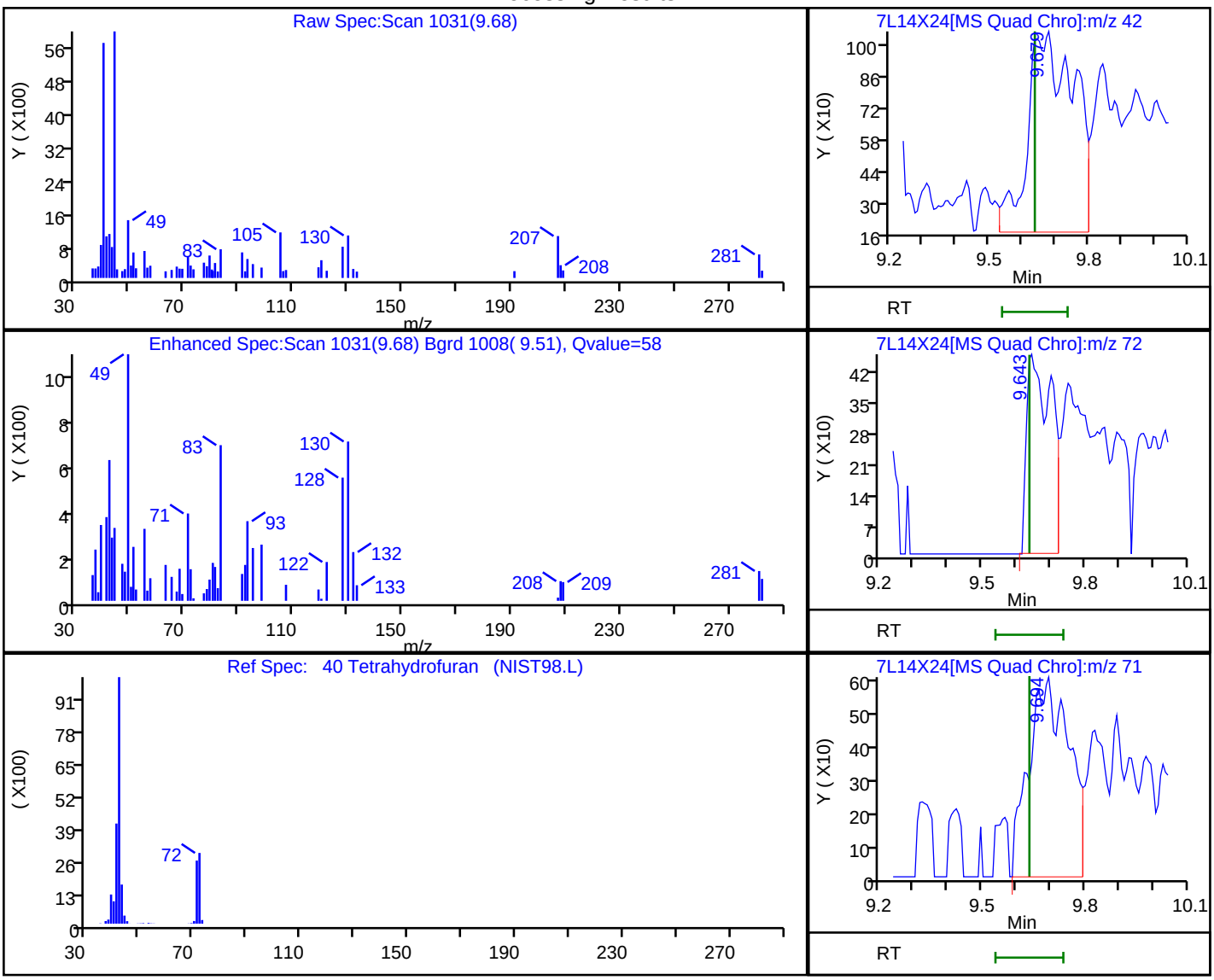
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X24.D				
Injection Date:	15-Jul-2025 02:18:54	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-9	Lab Sample ID:	410-233912-9		
Client ID:	2018				
Operator ID:	jts91224	ALS Bottle#:	19	Worklist Smp#:	50
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.68	42.00	8665	0.162342
9.64	72.00	2222	
9.69	71.00	4965	

Reviewer: D7UM, 22-Jul-2025 11:10:48 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

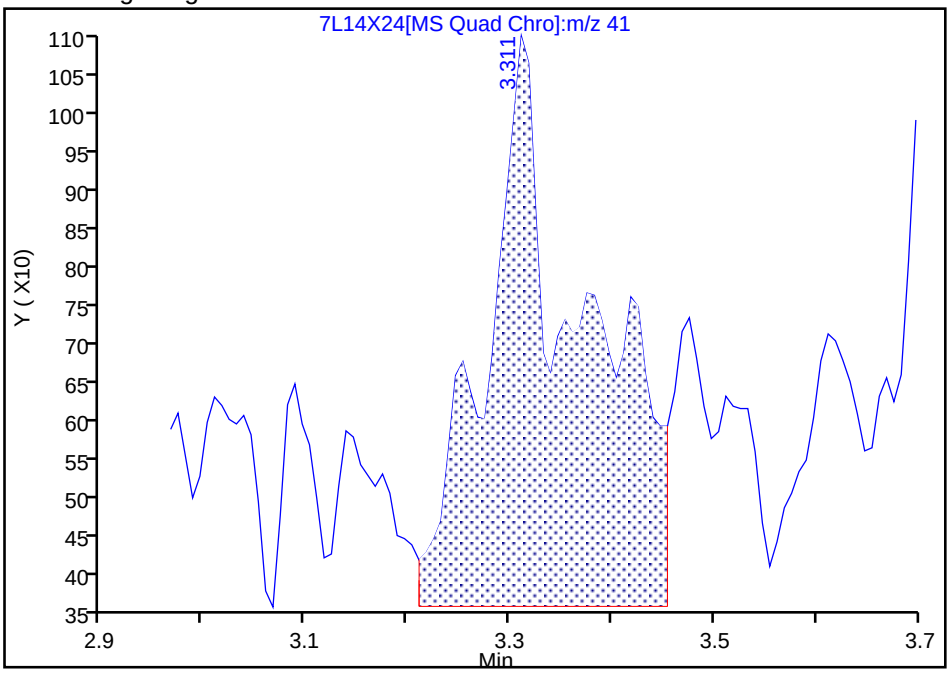
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Injection Date:	15-Jul-2025 02:18:54	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-9	Lab Sample ID:	410-233912-9		
Client ID:	2018				
Operator ID:	jts91224	ALS Bottle#:	19	Worklist Smp#:	50
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

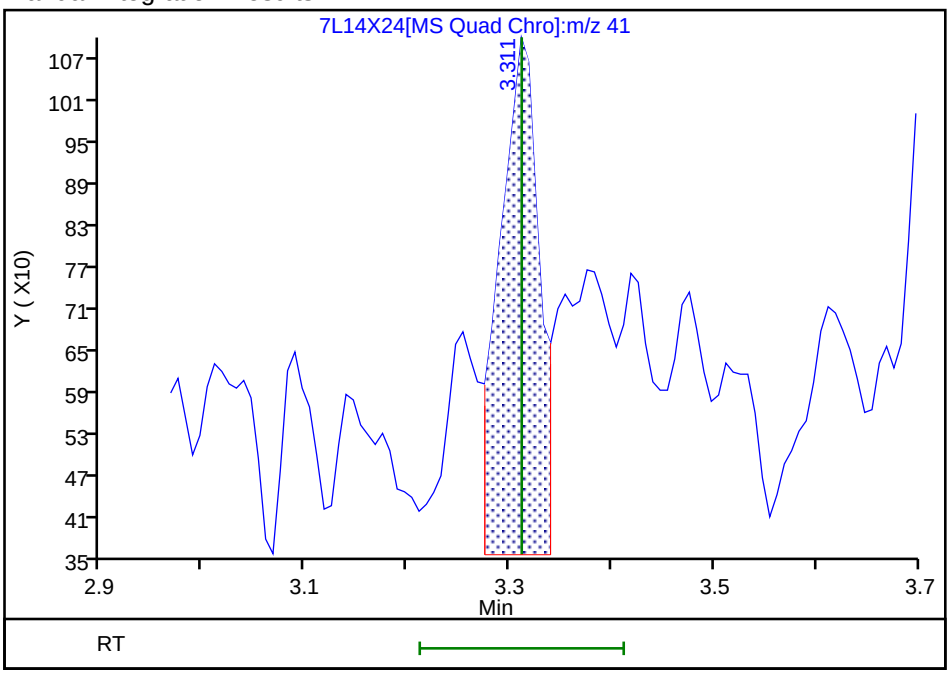
Processing Integration Results

RT: 3.31
Area: 5030
Amount: 0.186912
Amount Units: ppb v/v



Manual Integration Results

RT: 3.31
Area: 1934
Amount: 0.071866
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 11:10:30 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2048 Lab Sample ID: 410-233912-10

Matrix: Air Lab File ID: 7L14X25.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.0	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2048 Lab Sample ID: 410-233912-10

Matrix: Air Lab File ID: 7L14X25.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2048 Lab Sample ID: 410-233912-10

Matrix: Air Lab File ID: 7L14X25.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2048 Lab Sample ID: 410-233912-10

Matrix: Air Lab File ID: 7L14X25.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 02:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X25.D
Lims ID: 410-233912-A-10
Client ID: 2048
Sample Type: Client
Inject. Date: 15-Jul-2025 02:54:38 ALS Bottle#: 20 Worklist Smp#: 51
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: CCN10071
Misc. Info.: 410-0153358-022
Operator ID: jts91224 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 10-Aug-2025 19:47:51 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: D7UM Date: 22-Jul-2025 11:13:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.312	0.000	92	3945	0.1470	M
15 Acrolein	56	6.141	6.148	-0.007	21	3513	0.1978	7M
18 Acetone	43	6.377	6.377	0.000	98	133326	2.02	
21 Isopropyl alcohol	45	6.599	6.585	0.014	96	17622	0.3082	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	94	4625	0.1722	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	90	635592	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.220	0.000	94	2402930	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2149646	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

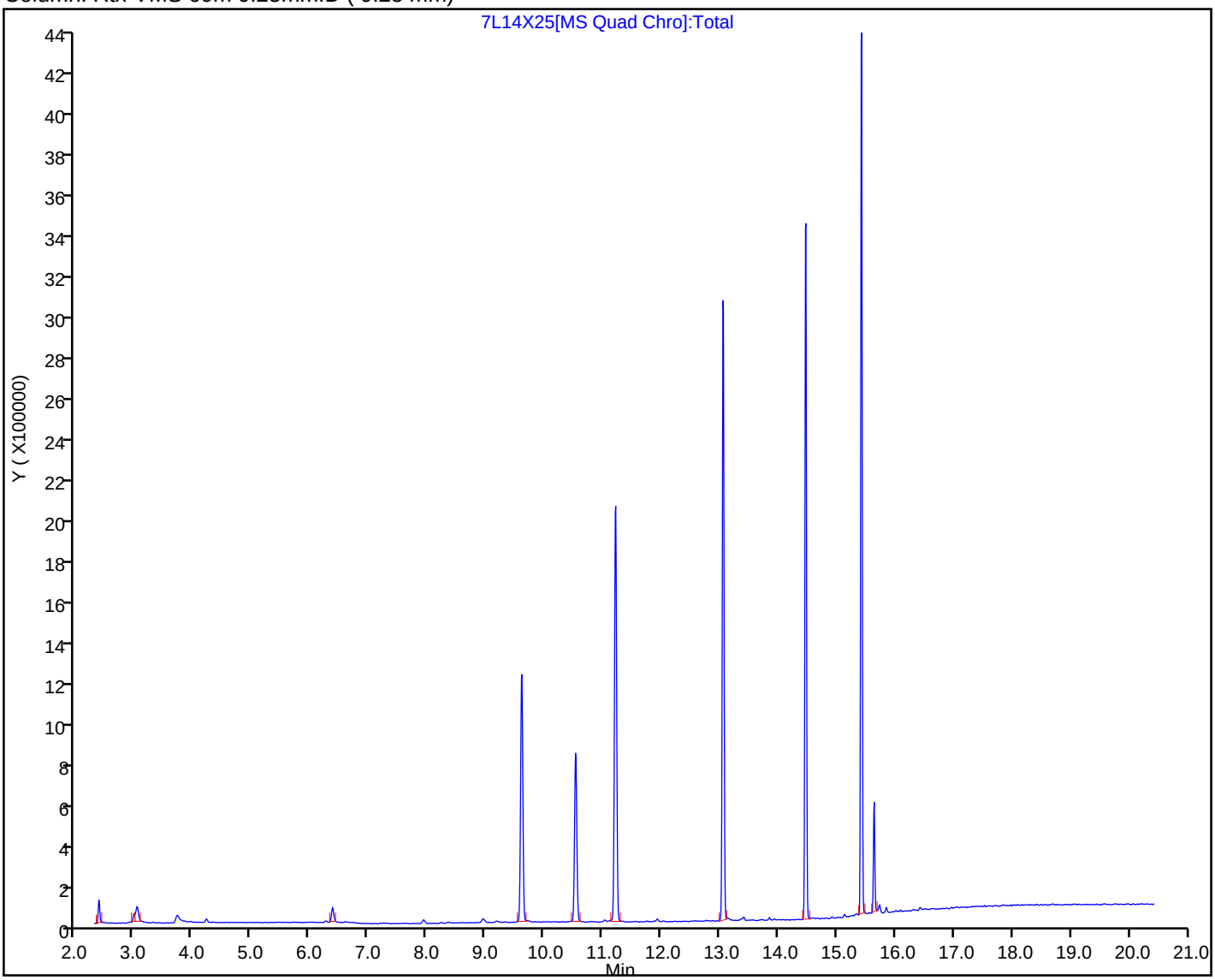
AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:49:00 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X25.D				
Injection Date:	15-Jul-2025 02:54:38	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-10	Lab Sample ID:	410-233912-10		
Client ID:	2048				
Operator ID:	jts91224	ALS Bottle#:	20	Worklist Smp#:	51
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

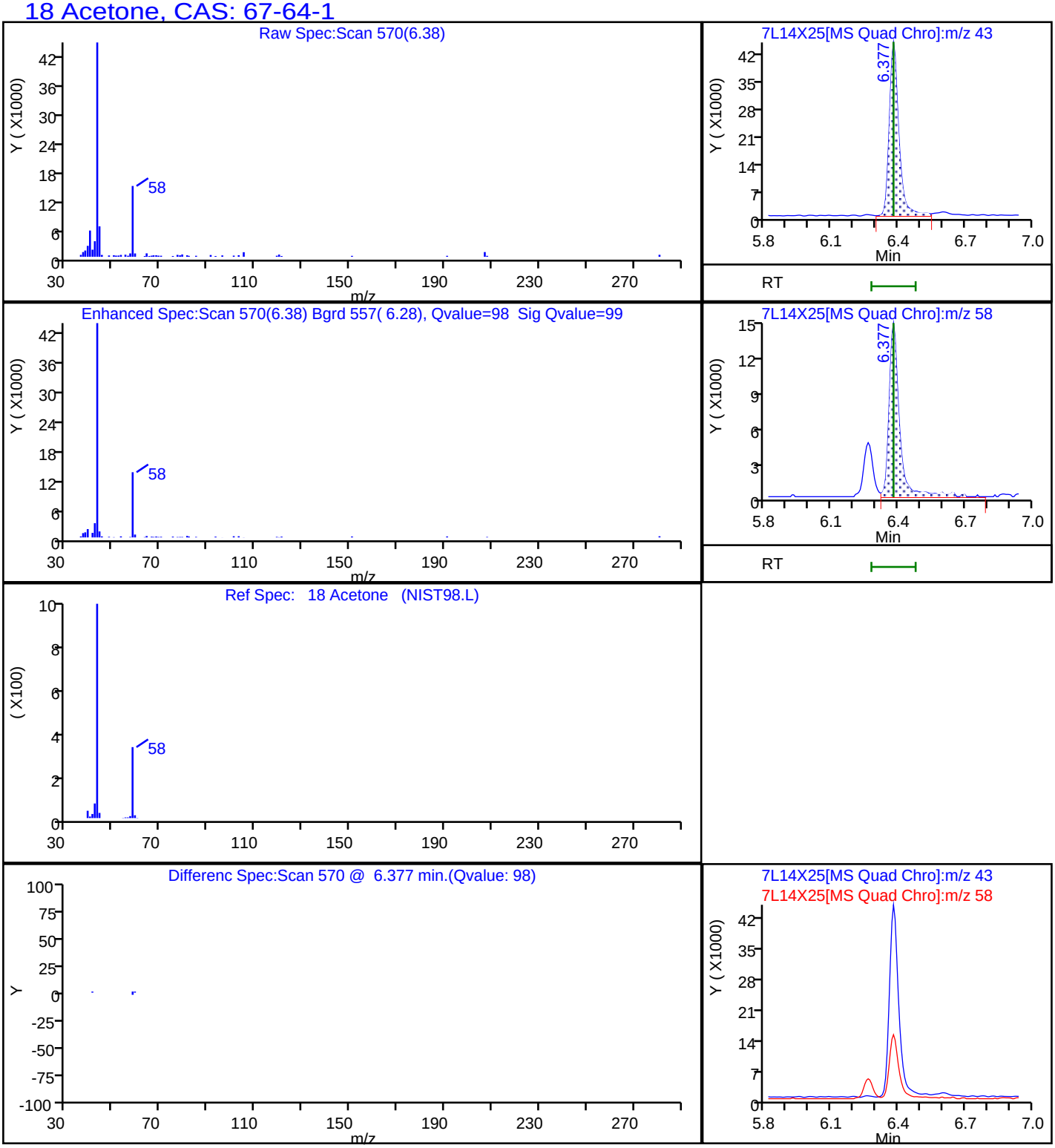


Report Date: 10-Aug-2025 19:49:00 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X25.D				
Injection Date:	15-Jul-2025 02:54:38	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-10	Lab Sample ID:	410-233912-10		
Client ID:	2048				
Operator ID:	jts91224	ALS Bottle#:	20	Worklist Smp#:	51
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1



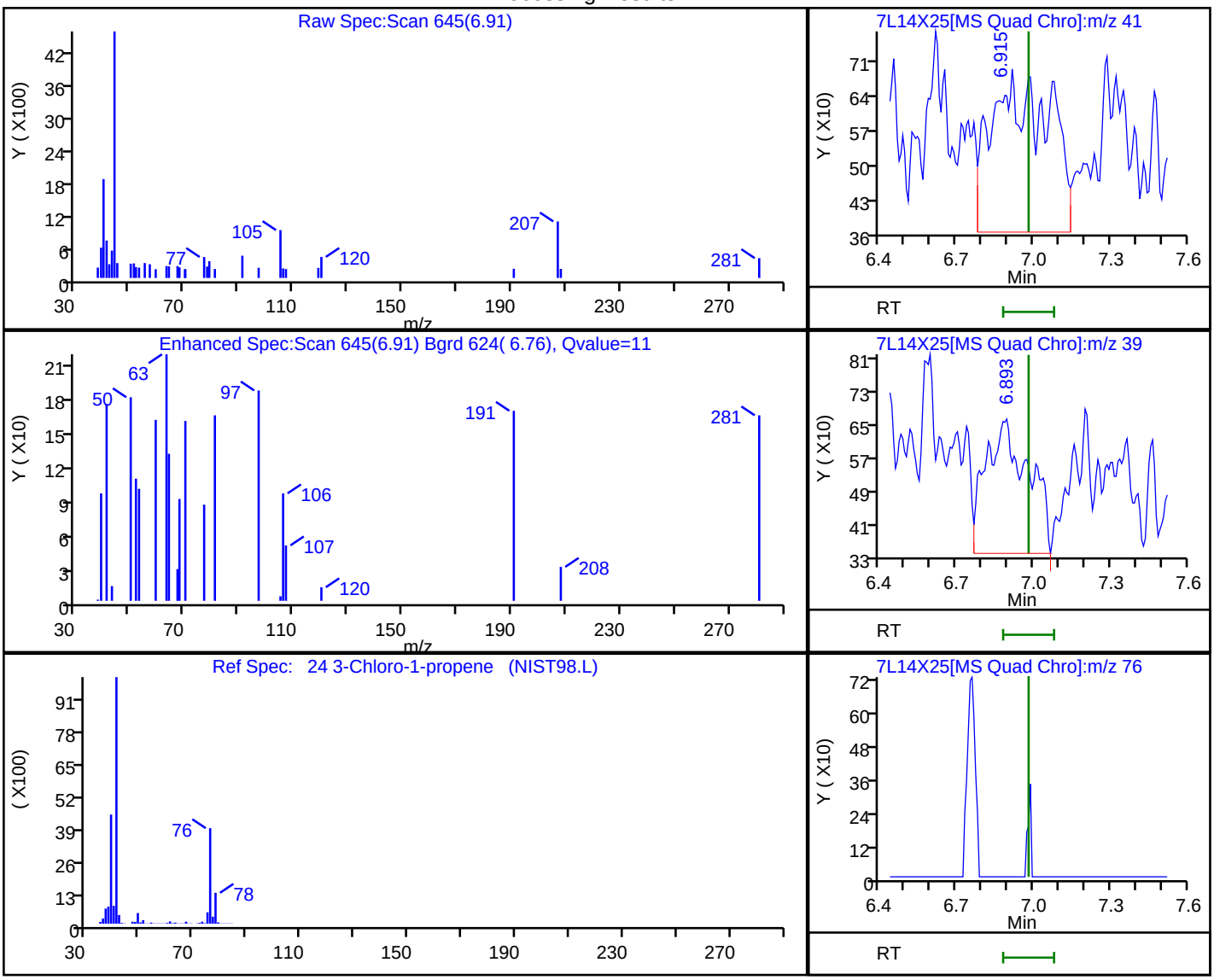
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X25.D				
Injection Date:	15-Jul-2025 02:54:38	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-10	Lab Sample ID:	410-233912-10		
Client ID:	2048				
Operator ID:	jts91224	ALS Bottle#:	20	Worklist Smp#:	51
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

24 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
6.91	41.00	4995	0.084663
6.89	39.00	3801	
6.98	76.00	0	

Reviewer: D7UM, 22-Jul-2025 11:12:10 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

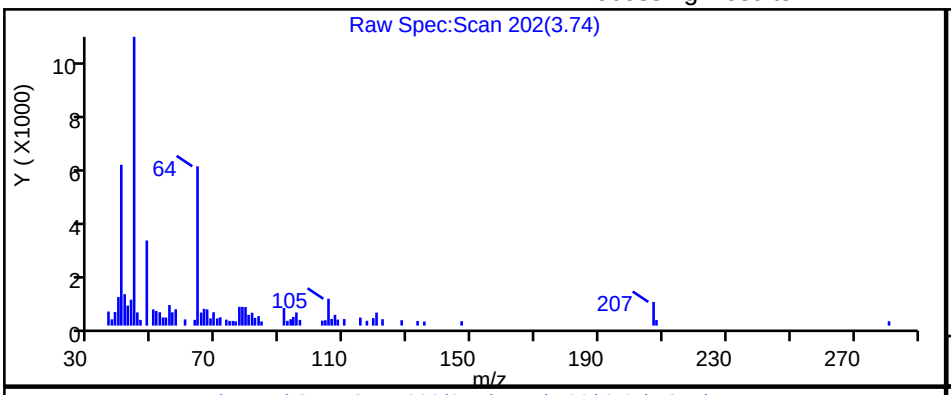
User Disabled Compound Report

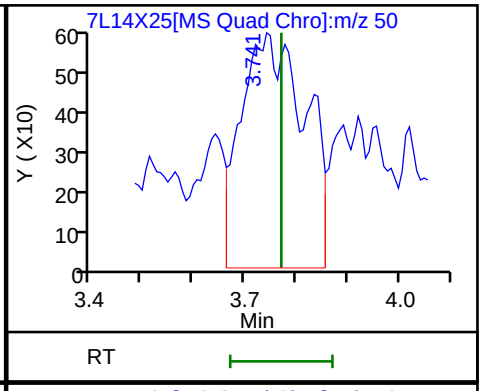
Eurofins Lancaster Laboratories Environment Testing, LLC

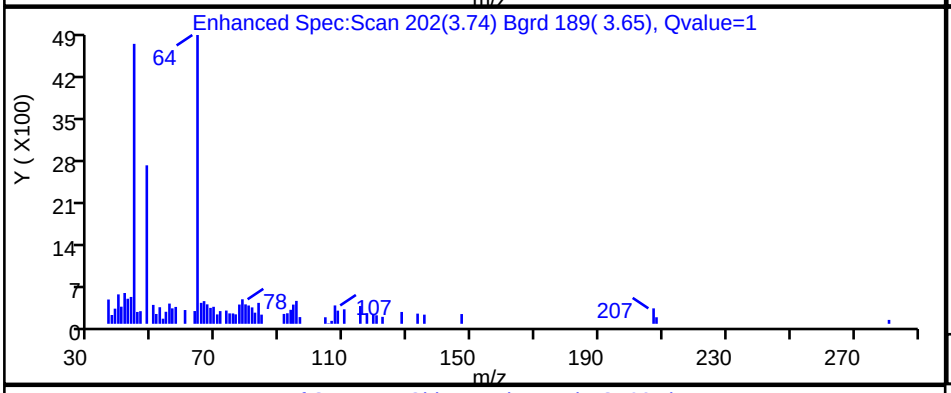
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Injection Date:	15-Jul-2025 02:54:38	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-10	Lab Sample ID:	410-233912-10		
Client ID:	2048				
Operator ID:	jts91224	ALS Bottle#:	20	Worklist Smp#:	51
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

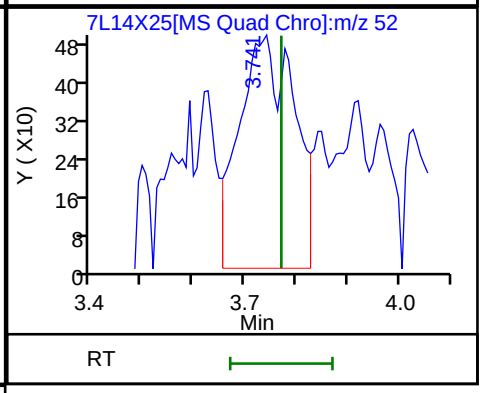
5 Chloromethane, CAS: 74-87-3

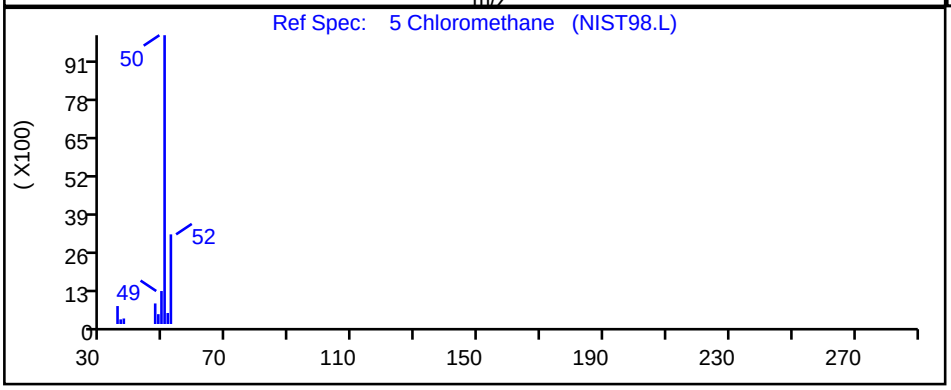
Processing Results











RT	Mass	Response	Amount
3.74	50.00	5199	0.146736
3.74	52.00	3686	

Reviewer: D7UM, 22-Jul-2025 11:11:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

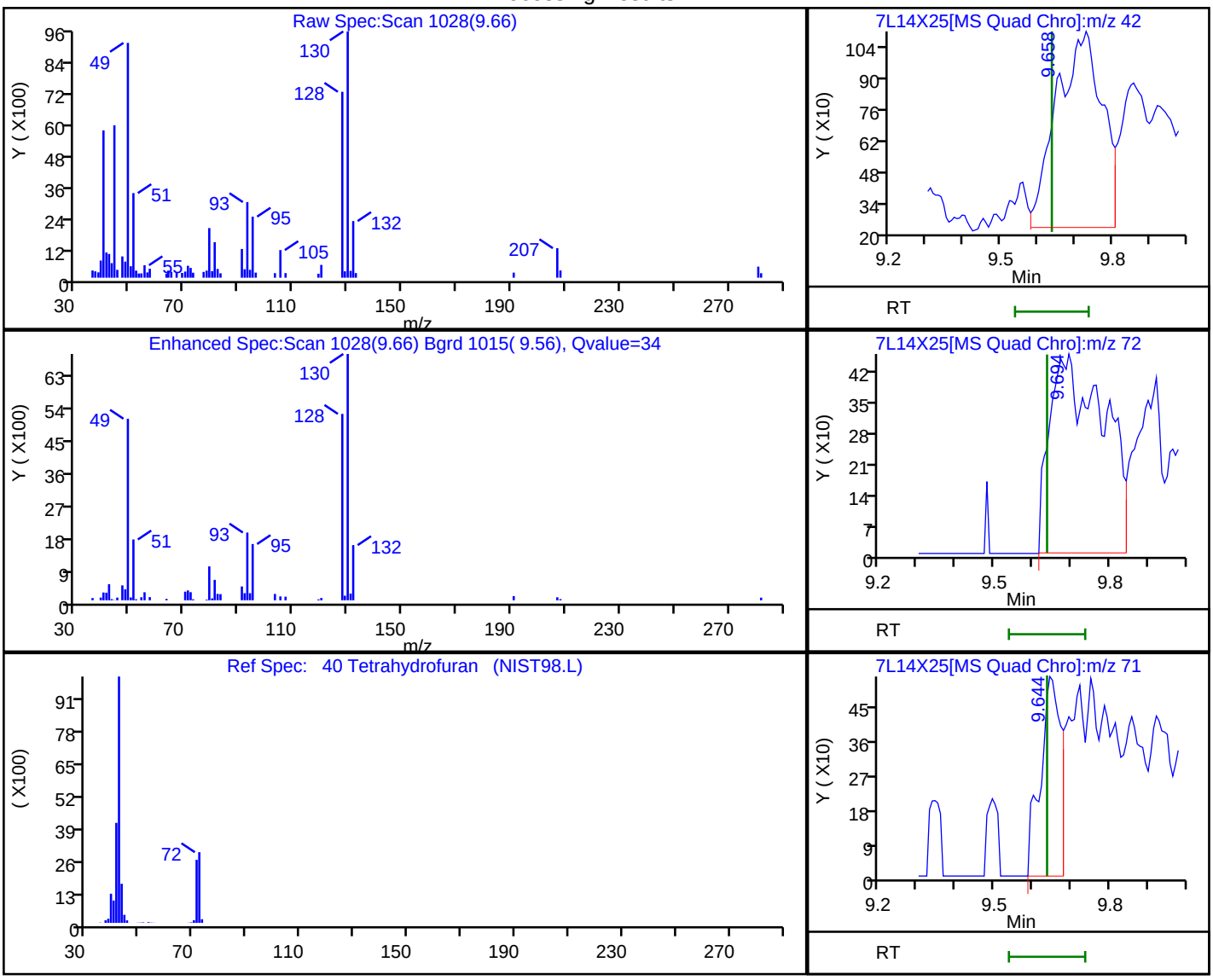
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X25.D				
Injection Date:	15-Jul-2025 02:54:38	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-10	Lab Sample ID:	410-233912-10		
Client ID:	2048				
Operator ID:	jts91224	ALS Bottle#:	20	Worklist Smp#:	51
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.66	42.00	7632	0.143342
9.69	72.00	4457	
9.64	71.00	1866	

Reviewer: D7UM, 22-Jul-2025 11:12:16 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

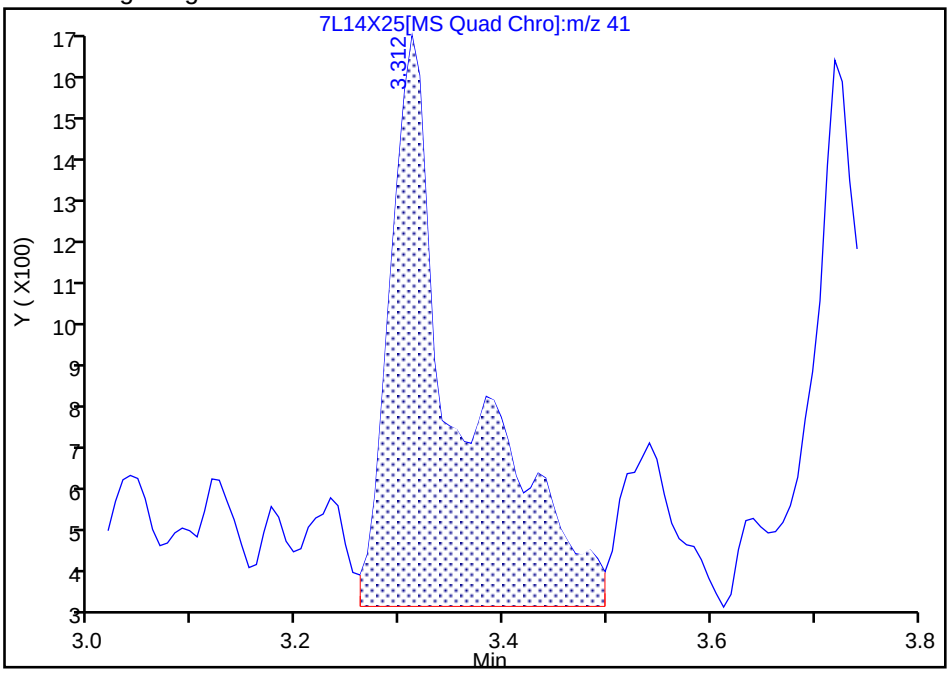
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Lims ID:	410-233912-A-10	Lab Sample ID:	410-233912-10		
Client ID:	2048				
Operator ID:	jts91224	ALS Bottle#:	20	Worklist Smp#:	51
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

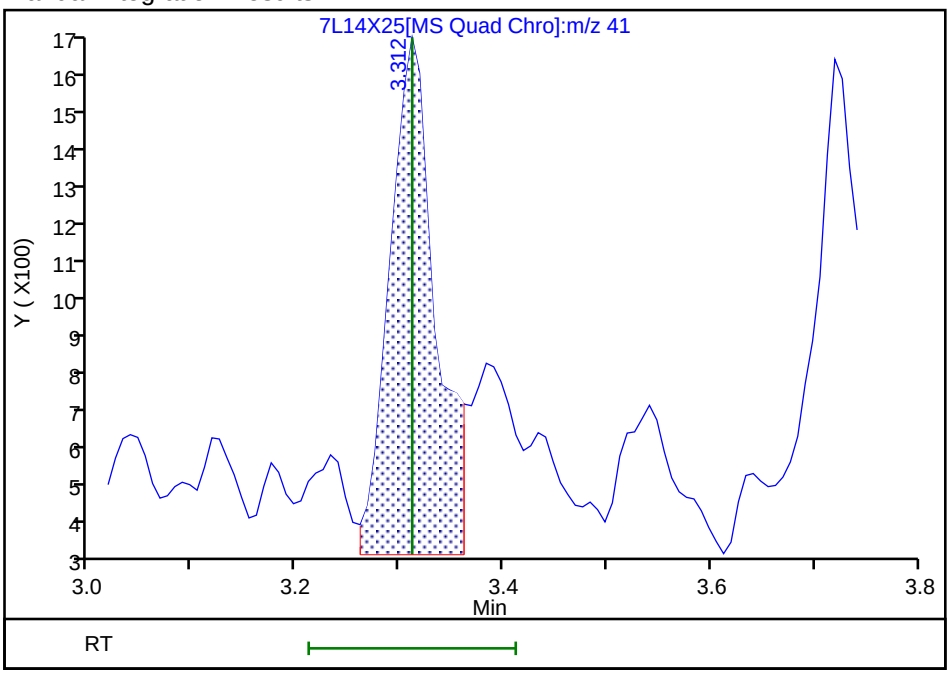
Processing Integration Results

RT: 3.31
Area: 6204
Amount: 0.231108
Amount Units: ppb v/v



Manual Integration Results

RT: 3.31
Area: 3945
Amount: 0.146957
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 11:11:53 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

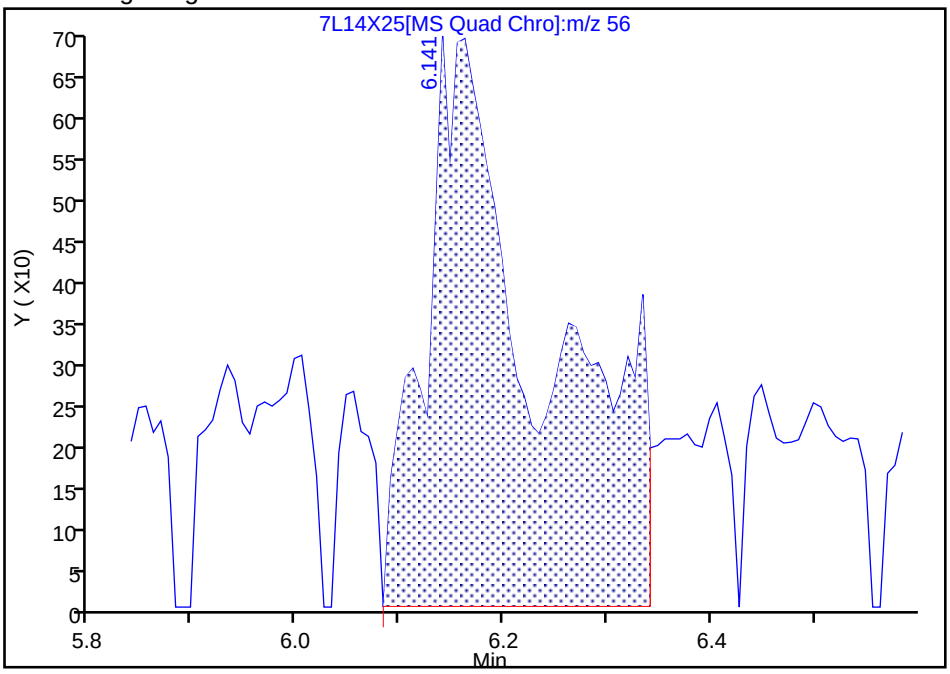
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Injection Date:	15-Jul-2025 02:54:38	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-10	Lab Sample ID:	410-233912-10		
Client ID:	2048				
Operator ID:	jts91224	ALS Bottle#:	20	Worklist Smp#:	51
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

15 Acrolein, CAS: 107-02-8

Signal: 1

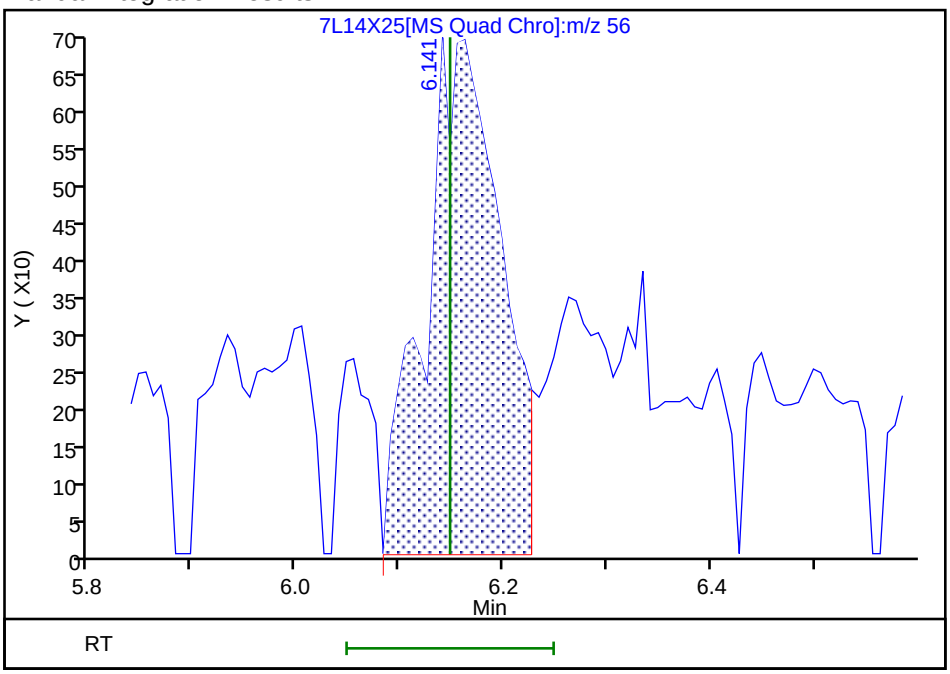
Processing Integration Results

RT: 6.14
Area: 5470
Amount: 0.320784
Amount Units: ppb v/v



Manual Integration Results

RT: 6.14
Area: 3513
Amount: 0.197821
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 11:12:05 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2060 Lab Sample ID: 410-233912-11

Matrix: Air Lab File ID: 7L14X26.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 03:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.4	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2060 Lab Sample ID: 410-233912-11

Matrix: Air Lab File ID: 7L14X26.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 03:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2060 Lab Sample ID: 410-233912-11

Matrix: Air Lab File ID: 7L14X26.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 03:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-233912-1

SDG No.:

Client Sample ID: 2060 Lab Sample ID: 410-233912-11

Matrix: Air Lab File ID: 7L14X26.D

Analysis Method: TO-15 Date Collected: 07/11/2025 11:06

Sample wt/vol: 200(mL) Date Analyzed: 07/15/2025 03:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 670832 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X26.D
Lims ID: 410-233912-A-11
Client ID: 2060
Sample Type: Client
Inject. Date: 15-Jul-2025 03:30:13 ALS Bottle#: 21 Worklist Smp#: 52
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: CCN10067
Misc. Info.: 410-0153358-023
Operator ID: jts91224 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 10-Aug-2025 19:47:51 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1685

First Level Reviewer: D7UM Date: 22-Jul-2025 11:14:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.311	3.312	-0.001	78	2852	0.1047	M
18 Acetone	43	6.377	6.377	0.000	96	90394	1.35	
21 Isopropyl alcohol	45	6.592	6.585	0.007	83	17553	0.3027	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	88	4957	0.1820	
* 39 Chlorobromomethane (IS)	130	9.615	9.615	0.000	89	644669	10.0	
* 51 1,4-Difluorobenzene	114	11.219	11.220	-0.001	94	2431786	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.472	14.472	0.000	86	2171905	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 10-Aug-2025 19:49:02 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X26.D

Injection Date: 15-Jul-2025 03:30:13 Instrument ID: HP8R004

Lims ID: 410-233912-A-11 Lab Sample ID: 410-233912-11

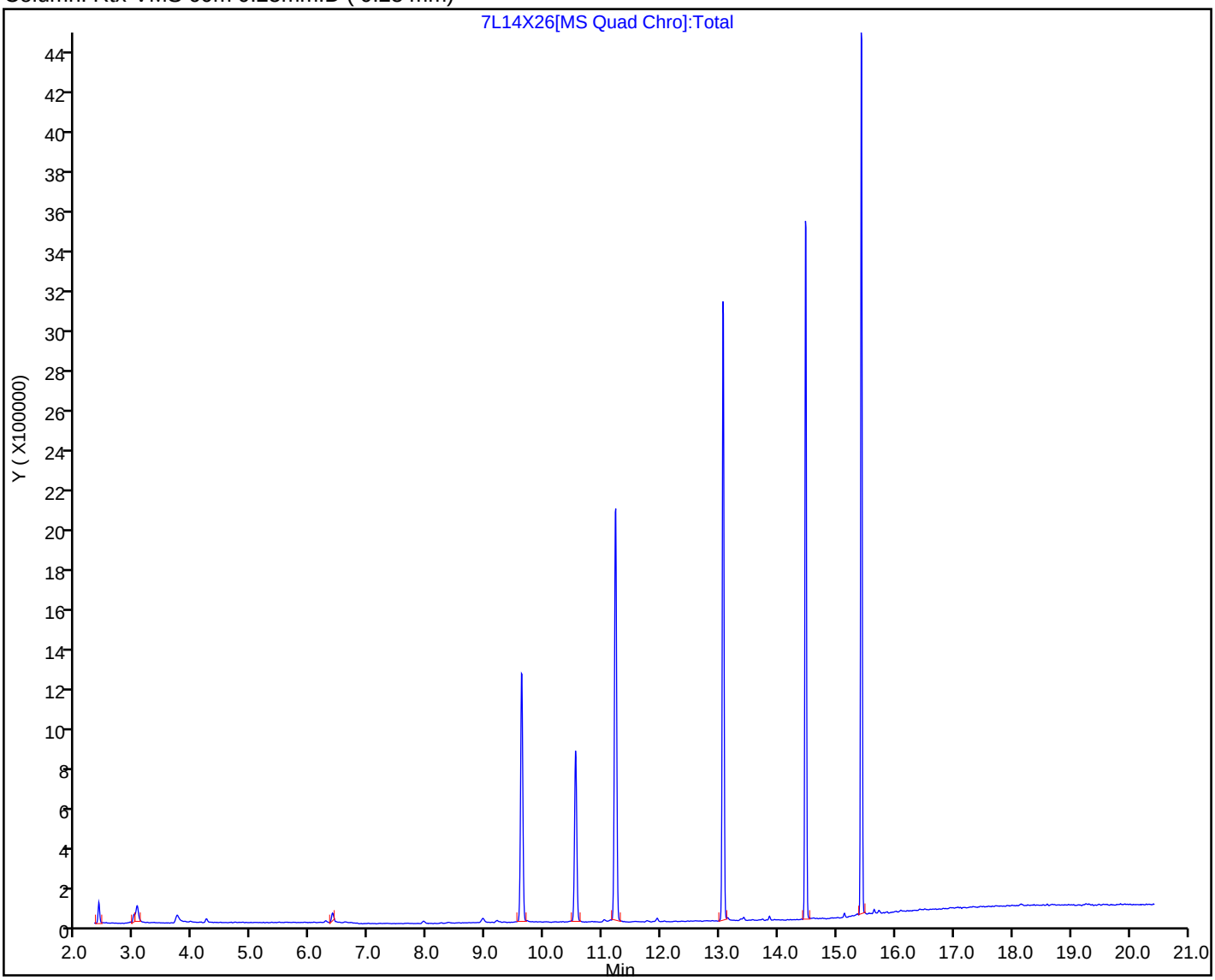
Client ID: 2060

Operator ID: jts91224 ALS Bottle#: 21 Worklist Smp#: 52

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

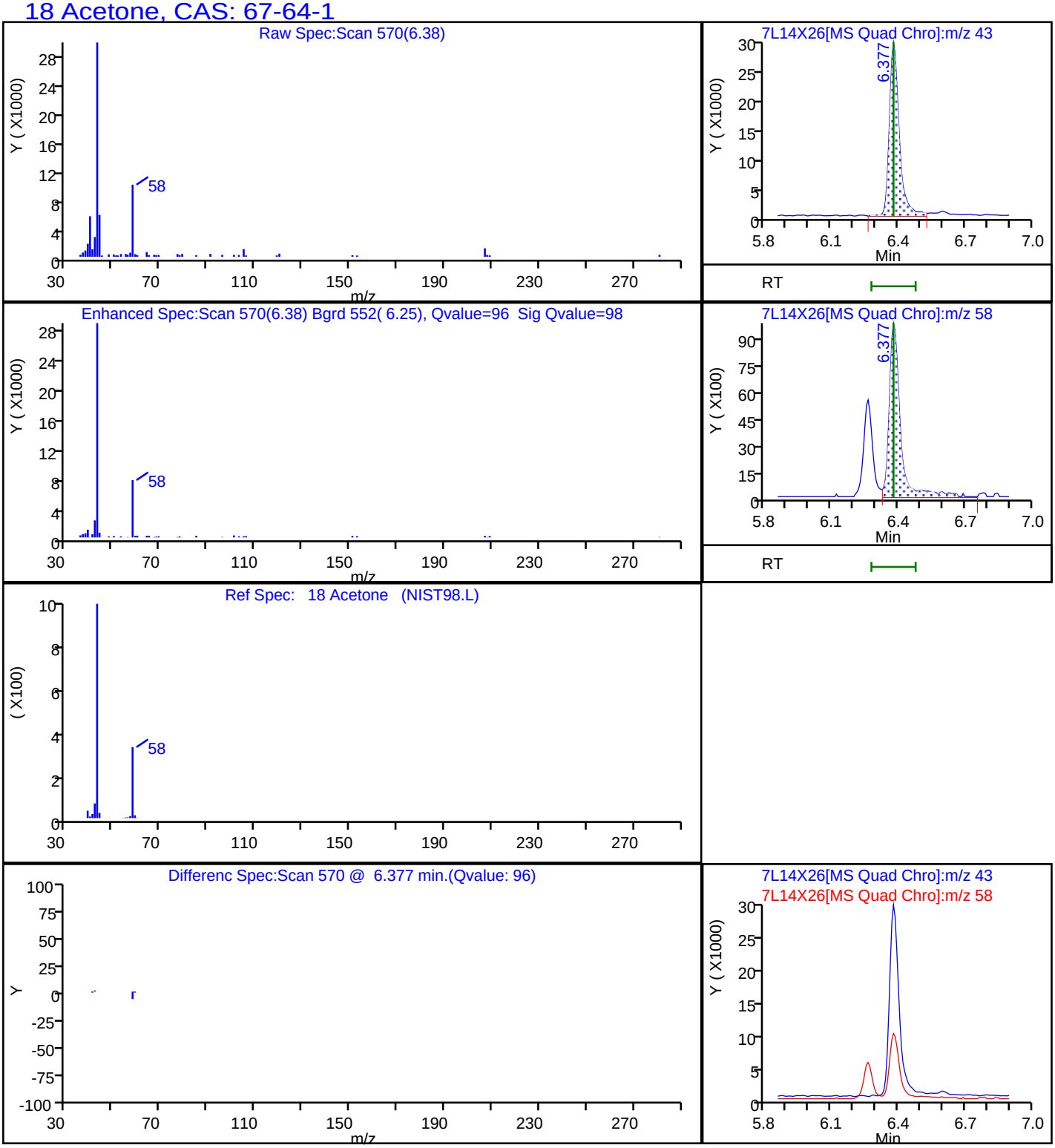


Report Date: 10-Aug-2025 19:49:02 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X26.D				
Injection Date:	15-Jul-2025 03:30:13	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-11	Lab Sample ID:	410-233912-11		
Client ID:	2060				
Operator ID:	jts91224	ALS Bottle#:	21	Worklist Smp#:	52
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1



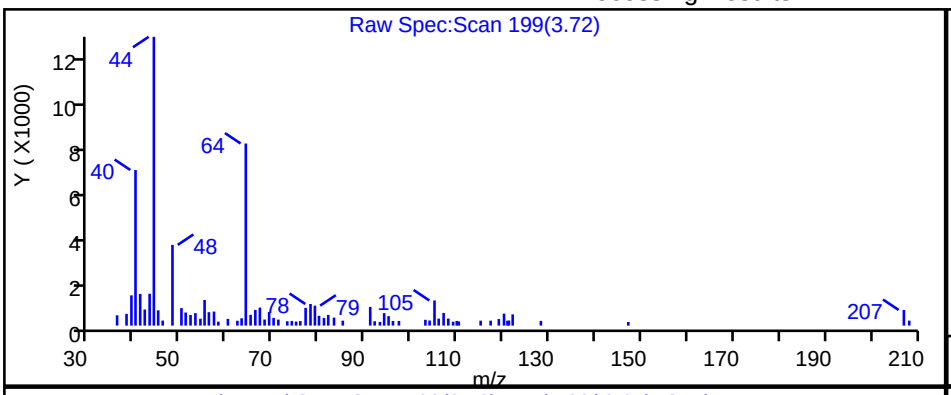
User Disabled Compound Report

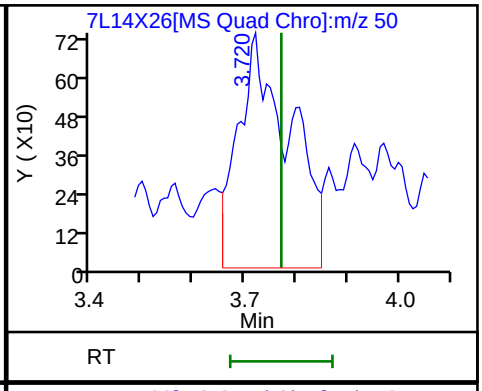
Eurofins Lancaster Laboratories Environment Testing, LLC

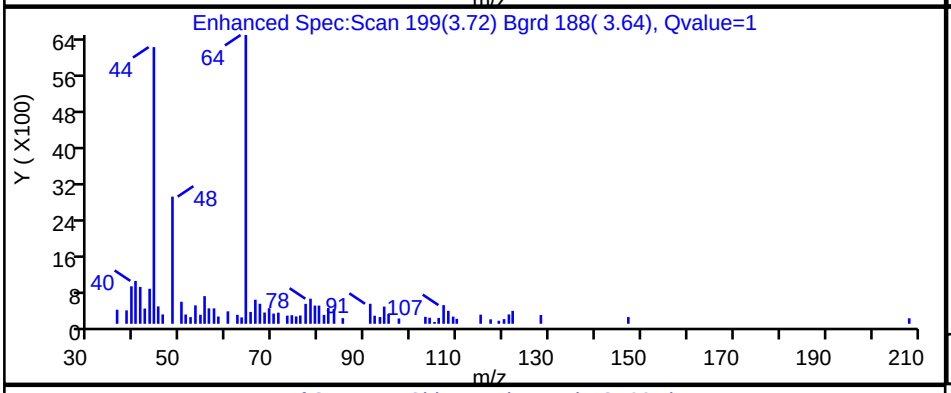
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Injection Date:	15-Jul-2025 03:30:13	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-11	Lab Sample ID:	410-233912-11		
Client ID:	2060				
Operator ID:	jts91224	ALS Bottle#:	21	Worklist Smp#:	52
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

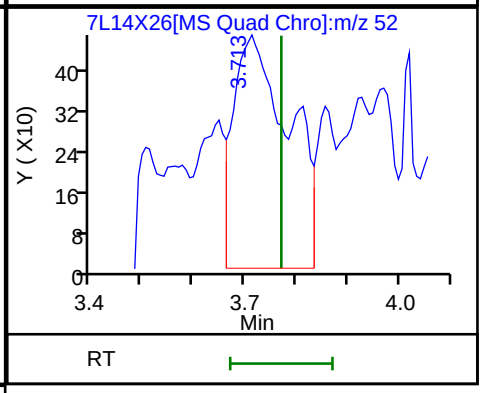
5 Chloromethane, CAS: 74-87-3

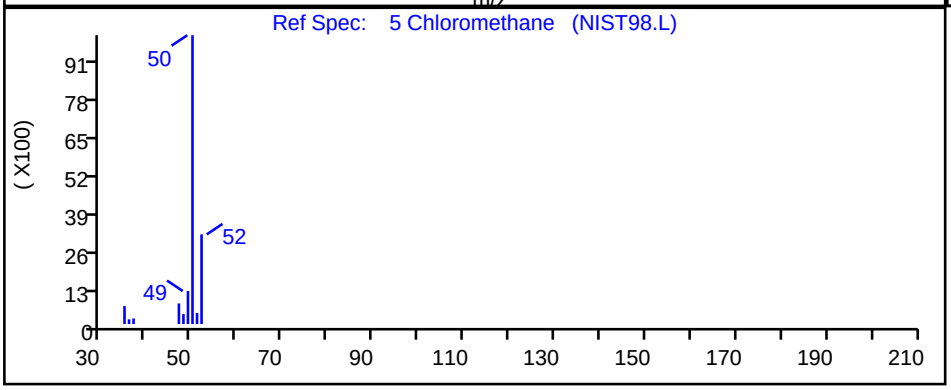
Processing Results











RT	Mass	Response	Amount
3.72	50.00	5093	0.141721
3.71	52.00	3468	

Reviewer: D7UM, 22-Jul-2025 11:13:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

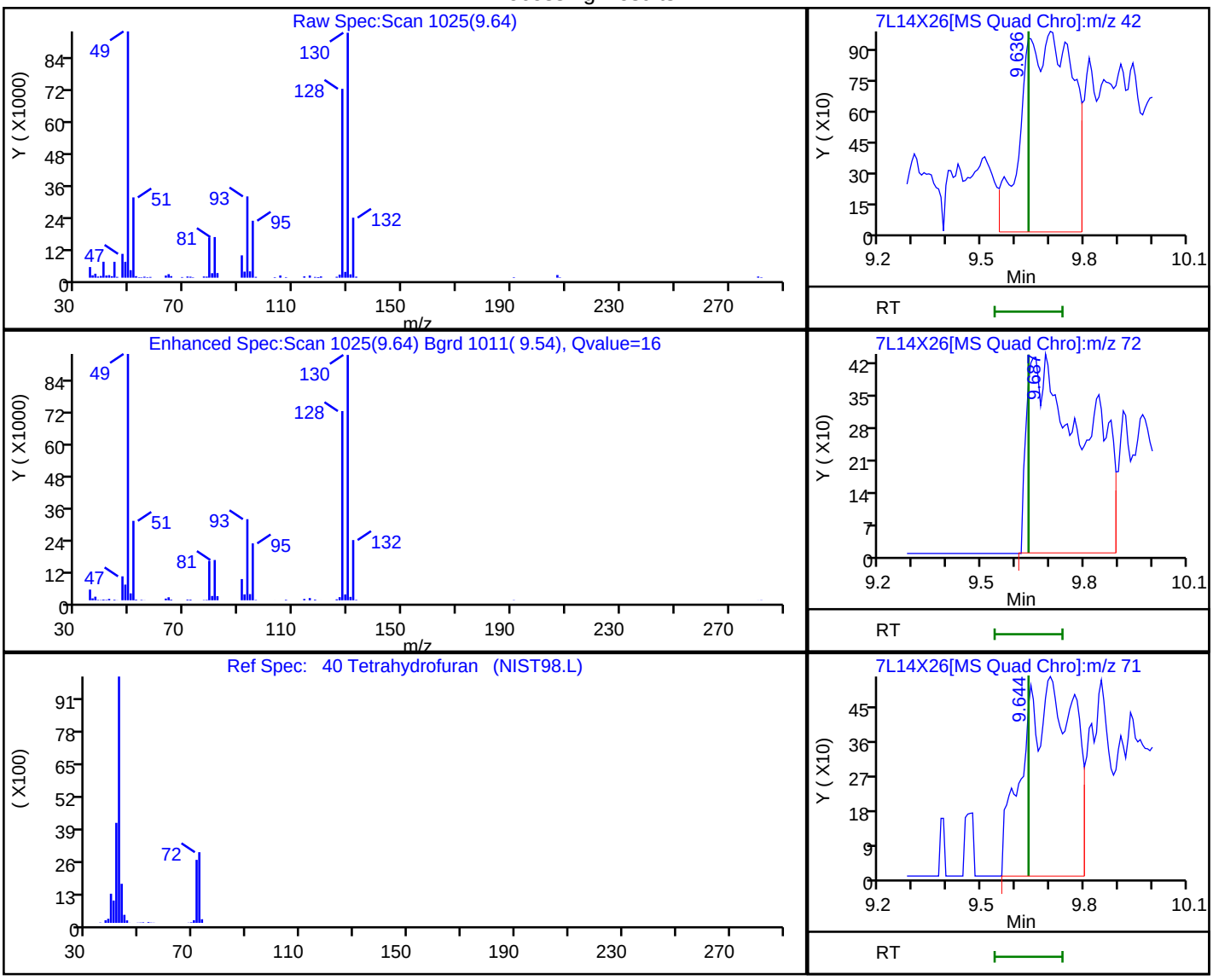
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X26.D				
Injection Date:	15-Jul-2025 03:30:13	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-11	Lab Sample ID:	410-233912-11		
Client ID:	2060				
Operator ID:	jts91224	ALS Bottle#:	21	Worklist Smp#:	52
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.64	42.00	10191	0.188710
9.69	72.00	4998	
9.64	71.00	5290	

Reviewer: D7UM, 22-Jul-2025 11:14:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

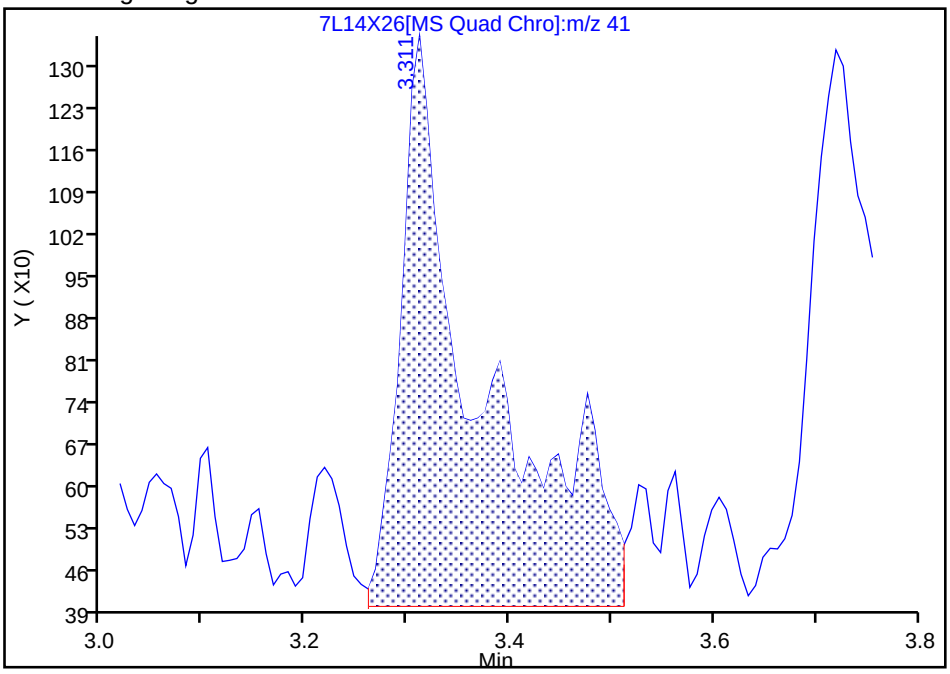
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Lims ID:	410-233912-A-11	Lab Sample ID:	410-233912-11		
Client ID:	2060				
Operator ID:	jts91224	ALS Bottle#:	21	Worklist Smp#:	52
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

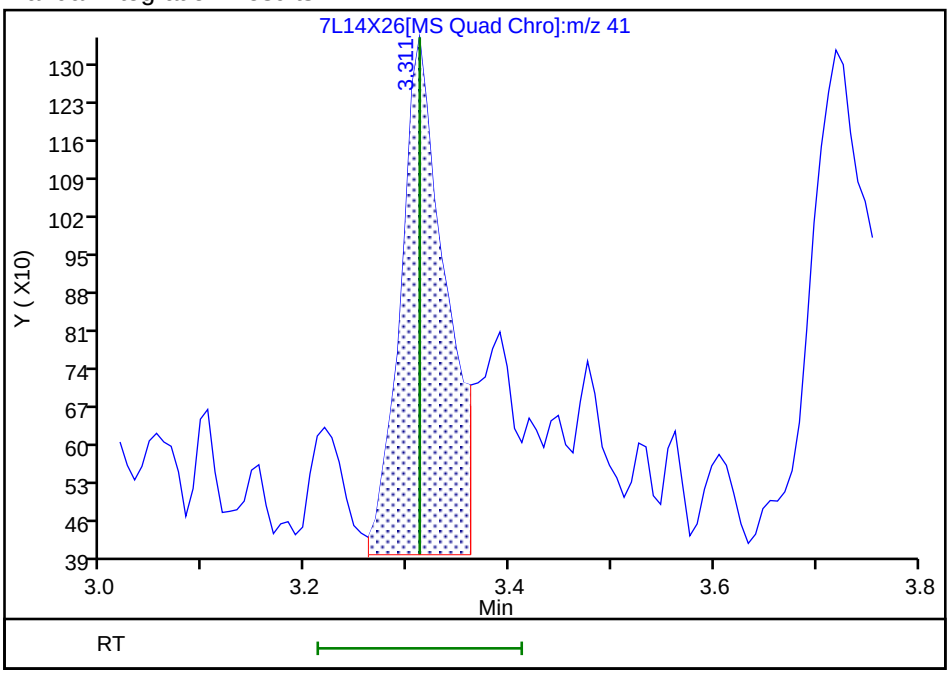
Processing Integration Results

RT: 3.31
Area: 5176
Amount: 0.190098
Amount Units: ppb v/v



Manual Integration Results

RT: 3.31
Area: 2852
Amount: 0.104745
Amount Units: ppb v/v



Reviewer: D7UM, 22-Jul-2025 11:13:27 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

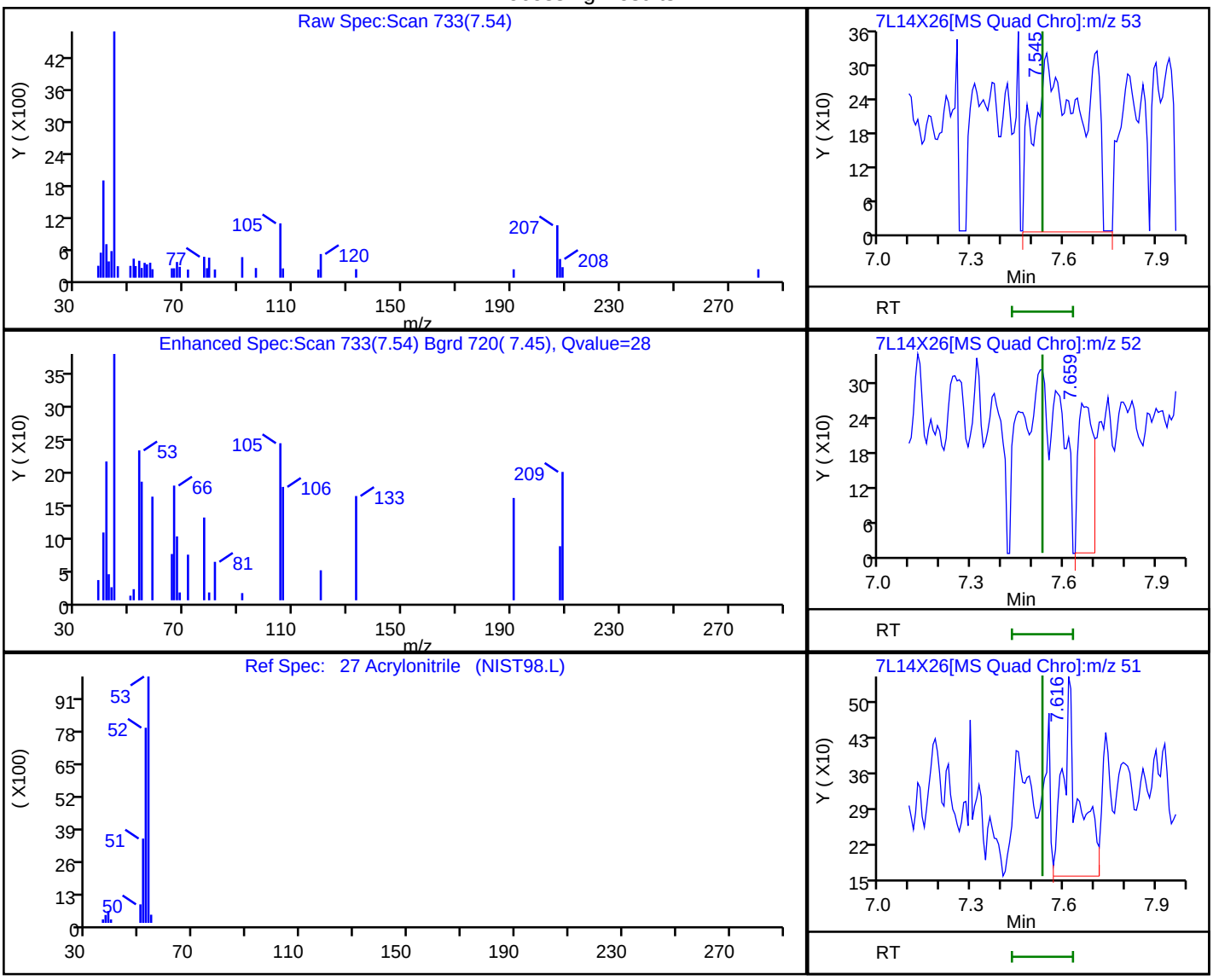
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250714-153358.b\7L14X26.D				
Injection Date:	15-Jul-2025 03:30:13	Instrument ID:	HP8R004		
Lims ID:	410-233912-A-11	Lab Sample ID:	410-233912-11		
Client ID:	2060				
Operator ID:	jts91224	ALS Bottle#:	21	Worklist Smp#:	52
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

27 Acrylonitrile, CAS: 107-13-1

Processing Results



RT	Mass	Response	Amount
7.54	53.00	3565	0.087426
7.66	52.00	844	
7.62	51.00	1352	

Reviewer: D7UM, 22-Jul-2025 11:13:43 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2020 Lab Sample ID: 410-234488-1

Matrix: Air Lab File ID: 7L21X15.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 11:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND	H	1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND	H	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND	H	1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND	H	1.0	0.12
75-34-3	1,1-Dichloroethane	ND	H	1.0	0.089
75-35-4	1,1-Dichloroethene	ND	H	1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND	H	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND	H	2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	H	2.0	0.28
106-93-4	1,2-Dibromoethane	ND	H	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND	H	2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND	H	1.0	0.20
107-06-2	1,2-Dichloroethane	ND	H	1.0	0.080
78-87-5	1,2-Dichloropropane	ND	H	1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND	H	2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND	H	1.0	0.20
106-99-0	1,3-Butadiene	ND	H	1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND	H	1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND	H	1.0	0.30
78-93-3	2-Butanone	0.28	J H	1.0	0.21
591-78-6	2-Hexanone	ND	H	2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND	H	1.0	0.10
107-05-1	3-Chloroprene	ND	H	1.0	0.20
622-96-8	4-Ethyltoluene	ND	H	1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND	H	1.0	0.15
67-64-1	Acetone	2.5	J H	5.0	1.0
71-43-2	Benzene	ND	H	1.0	0.11
108-86-1	Bromobenzene	ND	H	1.0	0.20
75-27-4	Bromodichloromethane	ND	H	1.0	0.40
75-25-2	Bromoform	ND	H	1.0	0.40
74-83-9	Bromomethane	ND	H	1.0	0.20
75-15-0	Carbon disulfide	ND	H	1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2020 Lab Sample ID: 410-234488-1

Matrix: Air Lab File ID: 7L21X15.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 11:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND	H	1.0	0.14
108-90-7	Chlorobenzene	ND	H	1.0	0.13
75-45-6	Chlorodifluoromethane	ND	H	1.0	0.40
75-00-3	Chloroethane	ND	H	1.0	0.30
67-66-3	Chloroform	ND	H	1.0	0.092
74-87-3	Chloromethane	ND	H	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND	H	1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND	H	1.0	0.10
593-60-2	Bromoethene	ND	H	1.0	0.18
98-82-8	Cumene	ND	H	1.0	0.24
124-48-1	Dibromochloromethane	ND	H	1.0	0.40
74-95-3	Dibromomethane	ND	H	1.0	0.14
75-71-8	Dichlorodifluoromethane	ND	H	1.0	0.13
75-43-4	Dichlorofluoromethane	ND	H	1.0	0.11
100-41-4	Ethylbenzene	ND	H	1.0	0.19
76-13-1	Freon 113	ND	H	1.0	0.20
76-14-2	Freon-114	ND	H	1.0	0.12
142-82-5	Heptane	ND	H	1.0	0.23
67-72-1	Hexachloroethane	ND	H	2.0	0.27
110-54-3	Hexane	ND	H	1.0	0.30
540-84-1	Isooctane	ND	H	1.0	0.40
179601-23-1	m&p-Xylene	ND	H	1.0	0.26
1634-04-4	Methyl t-butyl ether	ND	H	1.0	0.15
75-09-2	Methylene Chloride	ND	H	2.0	0.25
95-47-6	o-Xylene	ND	H	1.0	0.19
111-65-9	Octane	ND	H	2.0	0.40
109-66-0	Pentane	ND	H	1.0	0.20
100-42-5	Styrene	ND	H	1.0	0.20
127-18-4	Tetrachloroethene	ND	H	2.0	0.25
108-88-3	Toluene	ND	H	1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND	H	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND	H	1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2020 Lab Sample ID: 410-234488-1

Matrix: Air Lab File ID: 7L21X15.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 11:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND	H	1.0	0.18
75-69-4	Trichlorofluoromethane	ND	H	1.0	0.15
75-01-4	Vinyl chloride	ND	H	1.0	0.12
67-63-0	Isopropanol	ND	H	1.0	0.60
91-20-3	Naphthalene	ND	H	2.0	1.0
1330-20-7	Xylenes, Total	ND	H	2.0	0.19
96-33-3	Methyl acrylate	ND	H	1.0	0.20
109-99-9	Tetrahydrofuran	ND	H	1.0	0.24
141-78-6	Ethyl acetate	ND	H	2.0	0.25
80-62-6	Methyl methacrylate	ND	H	1.0	0.15
75-65-0	tert-Butyl alcohol	ND	H	1.0	0.21
100-44-7	Benzyl chloride	ND	H	2.0	0.30
87-68-3	Hexachlorobutadiene	ND	H	2.0	0.47
104-51-8	n-Butylbenzene	ND	H	2.0	0.26
95-49-8	2-Chlorotoluene	ND	H	1.0	0.22
75-05-8	Acetonitrile	ND	H	5.0	0.83
115-07-1	Propene	ND	H	1.0	0.30
123-91-1	1,4-Dioxane	ND	H	1.0	0.17
74-88-4	Iodomethane	ND	H	1.0	0.20
107-13-1	Acrylonitrile	ND	H	1.0	0.20
98-83-9	Alpha Methyl Styrene	ND	H	1.0	0.20
97-63-2	Ethyl methacrylate	ND	H	1.0	0.19
135-98-8	sec-Butylbenzene	ND	H	2.0	0.39
103-65-1	N-Propylbenzene	ND	H	1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND	H	1.0	0.15
108-20-3	di-Isopropyl ether	ND	H	1.0	0.15
110-82-7	Cyclohexane	ND	H	1.0	0.20
107-02-8	Acrolein	ND	H	5.0	0.62
64-17-5	Ethanol	ND	H	5.0	2.0
99-87-6	p-Isopropyltoluene	ND	H	2.0	0.28
140-88-5	Ethyl acrylate	ND	H	1.0	0.16
994-05-8	Tert-amyl methyl ether	ND	H	1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2020 Lab Sample ID: 410-234488-1

Matrix: Air Lab File ID: 7L21X15.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 11:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND	H	1.0	0.16
98-06-6	tert-Butylbenzene	ND	H	5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X15.D				
Lims ID:	410-234488-A-1				
Client ID:	2020				
Sample Type:	Client				
Inject. Date:	22-Jul-2025 11:47:33	ALS Bottle#:	6	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc2020				
Misc. Info.:	410-0154125-015				
Operator ID:	al109694	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	28-Jul-2025 14:56:23	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1662				
First Level Reviewer: D7UM		Date:	22-Jul-2025 13:38:18		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.412	3.405	-0.007	90	2340	0.1035	
18 Acetone	43	6.521	6.506	-0.007	100	136680	2.46	
21 Isopropyl alcohol	45	6.743	6.743	0.000	61	7354	0.1527	
35 2-Butanone (MEK)	72	9.329	9.336	-0.007	92	6234	0.2756	
* 39 Chlorobromomethane (IS)	130	9.758	9.787	-0.029	91	535274	10.0	
* 51 1,4-Difluorobenzene	114	11.356	11.377	-0.021	94	2002920	10.0	
70 2-Hexanone	43	13.798	13.798	-0.015	64	3815	0.0455	7M
* 73 Chlorobenzene-d5 (IS)	117	14.543	14.558	-0.015	87	1970662	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

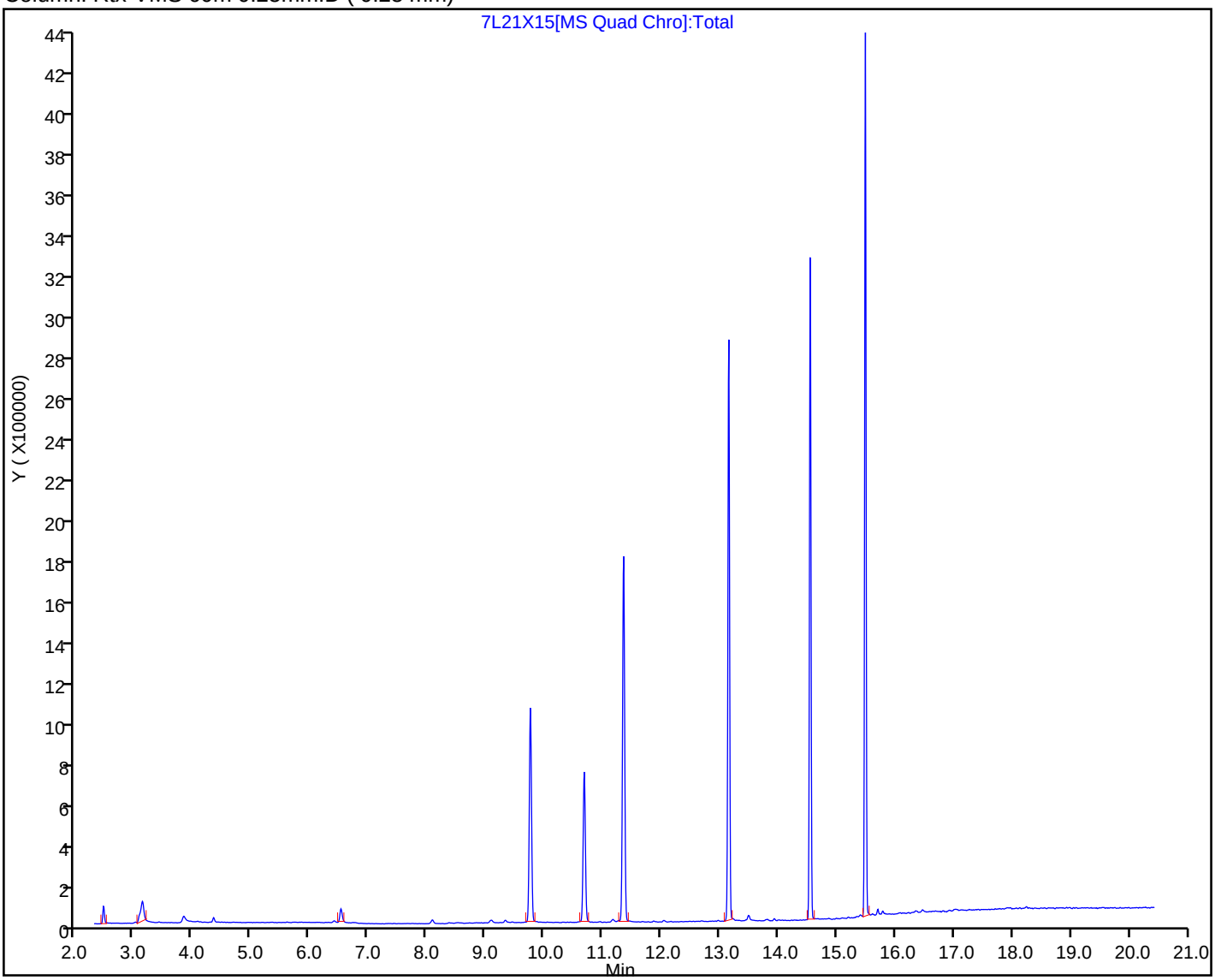
AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 29-Jul-2025 11:20:54 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X15.D				
Injection Date:	22-Jul-2025 11:47:33	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-1	Lab Sample ID:	410-234488-1		
Client ID:	2020				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

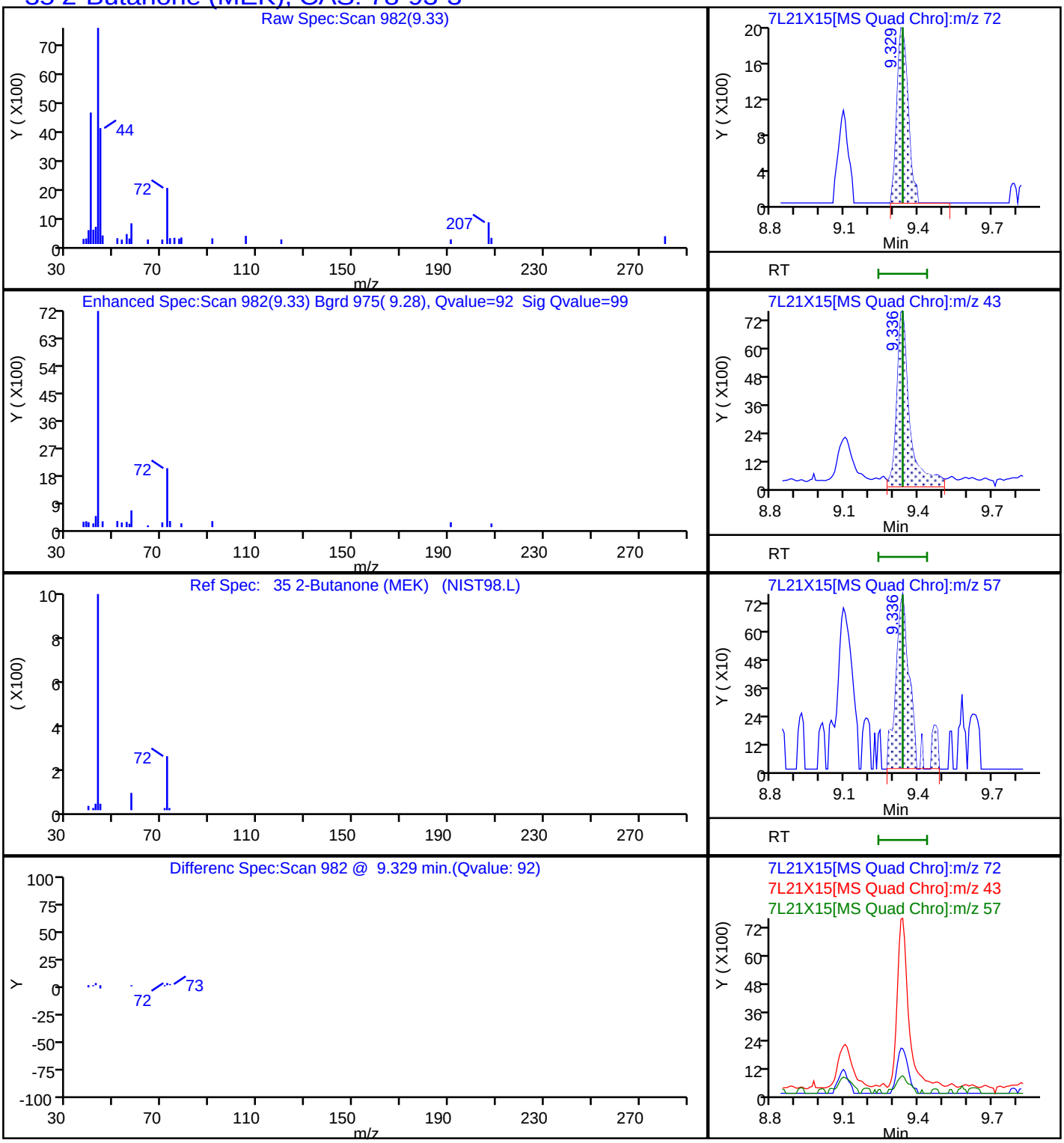


Report Date: 29-Jul-2025 11:20:55 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X15.D				
Injection Date:	22-Jul-2025 11:47:33	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-1	Lab Sample ID:	410-234488-1		
Client ID:	2020				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

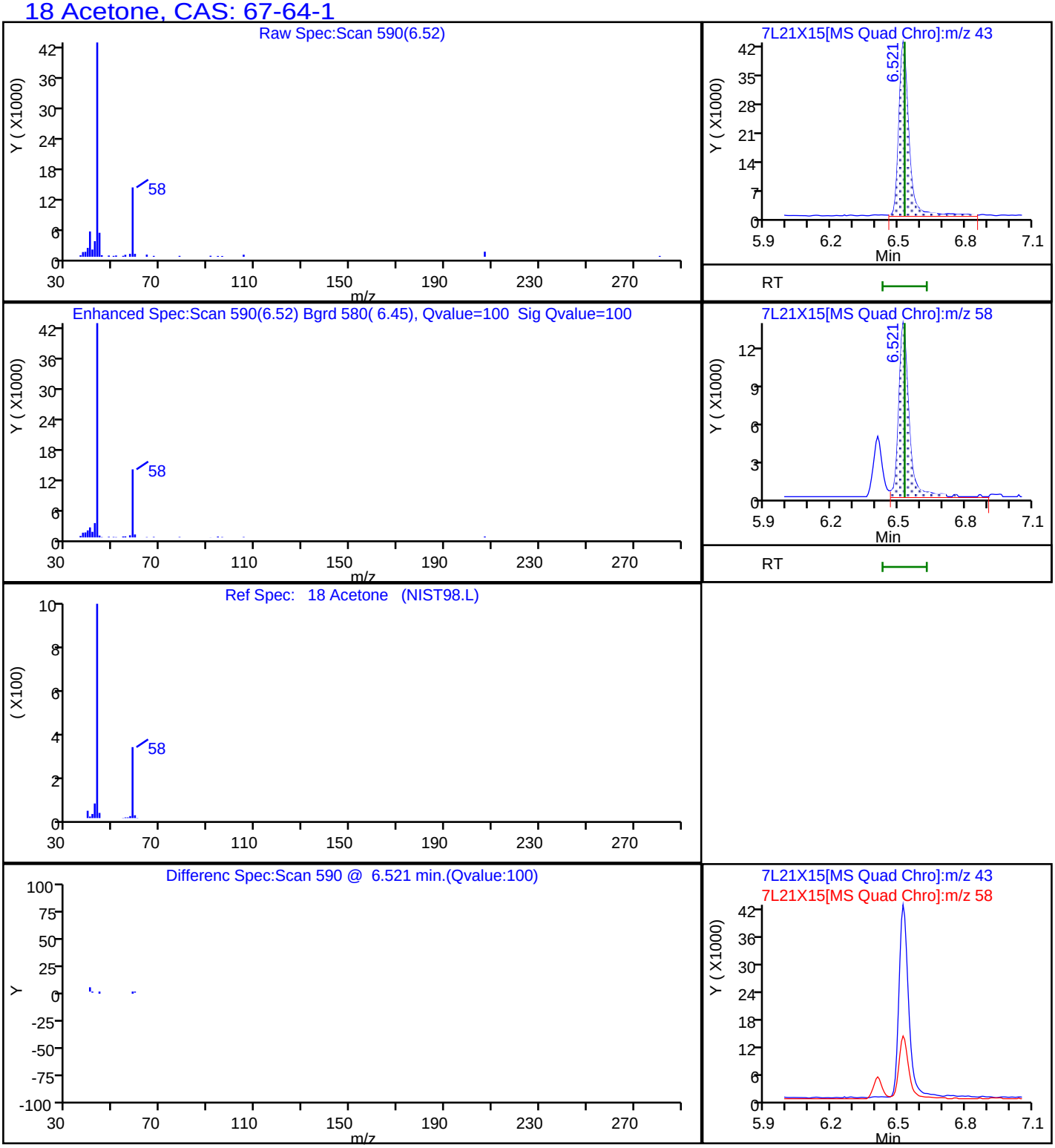


Report Date: 29-Jul-2025 11:20:54 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X15.D				
Injection Date:	22-Jul-2025 11:47:33	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-1	Lab Sample ID:	410-234488-1		
Client ID:	2020				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

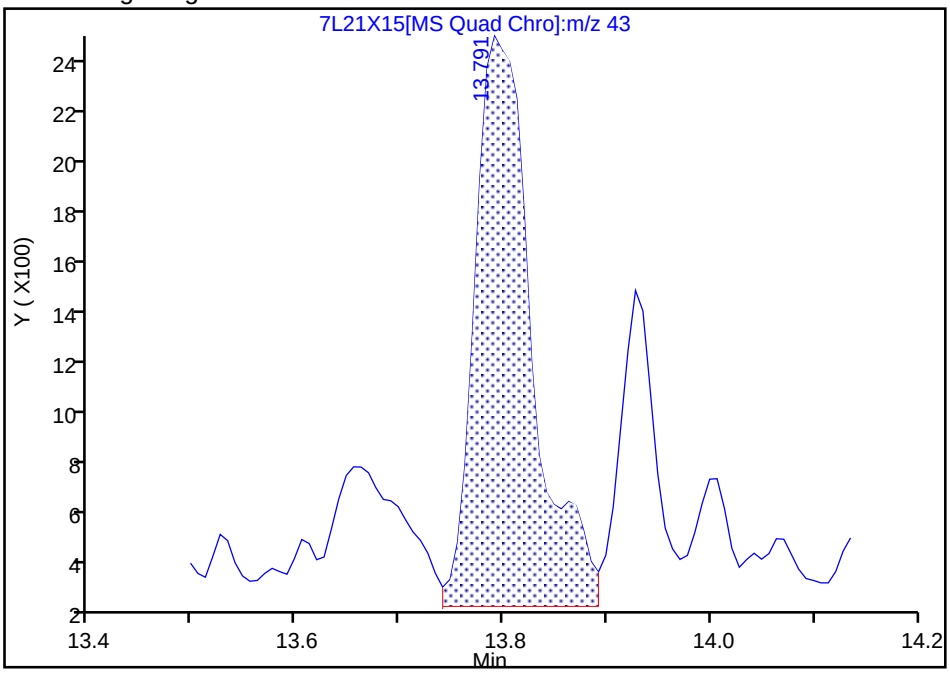
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Injection Date:	22-Jul-2025 11:47:33	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-1	Lab Sample ID:	410-234488-1		
Client ID:	2020				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

70 2-Hexanone, CAS: 591-78-6

Signal: 1

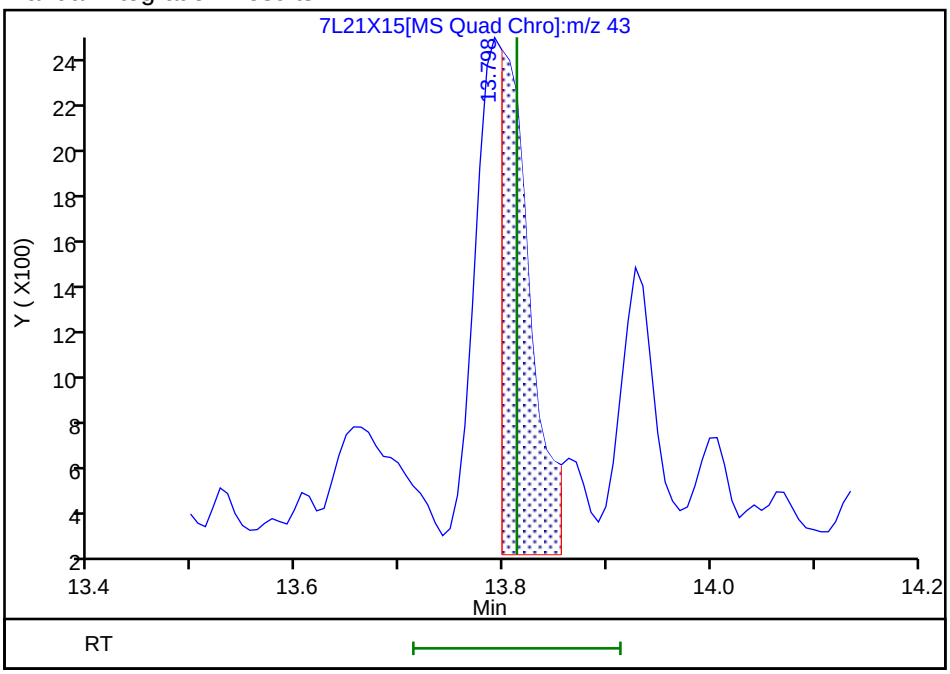
Processing Integration Results

RT: 13.79
Area: 8172
Amount: 0.097468
Amount Units: ppb v/v



Manual Integration Results

RT: 13.80
Area: 3815
Amount: 0.045502
Amount Units: ppb v/v



Reviewer: D7UM, 28-Jul-2025 14:40:47 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

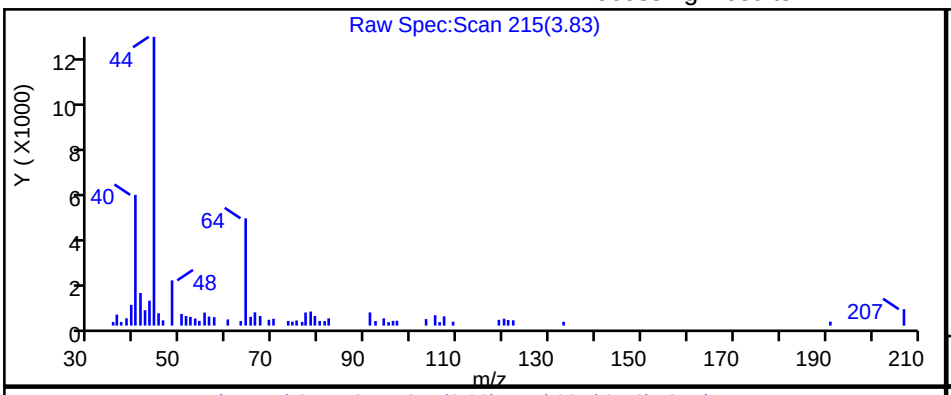
User Disabled Compound Report

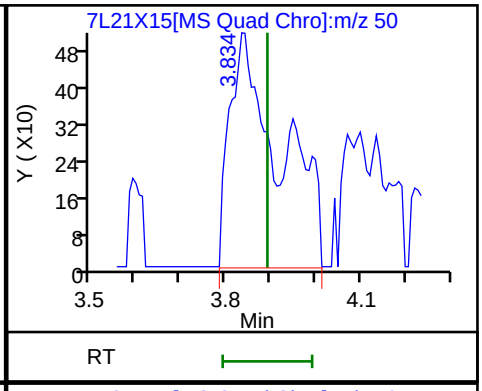
Eurofins Lancaster Laboratories Environment Testing, LLC

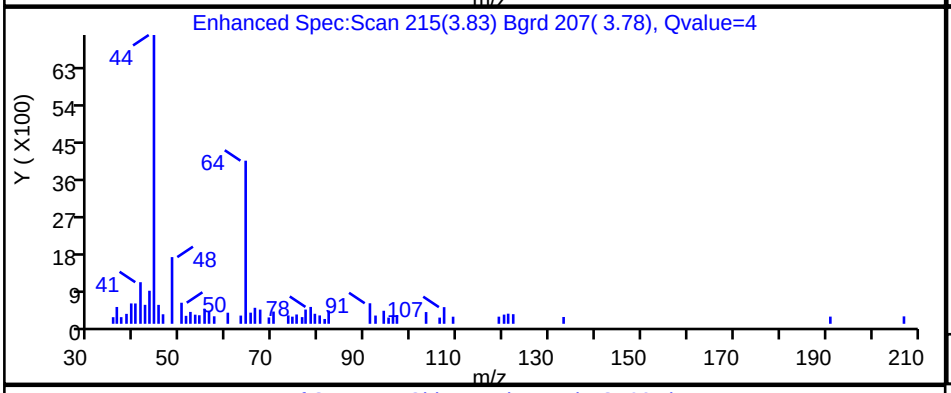
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Injection Date:	22-Jul-2025 11:47:33	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-1	Lab Sample ID:	410-234488-1		
Client ID:	2020				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

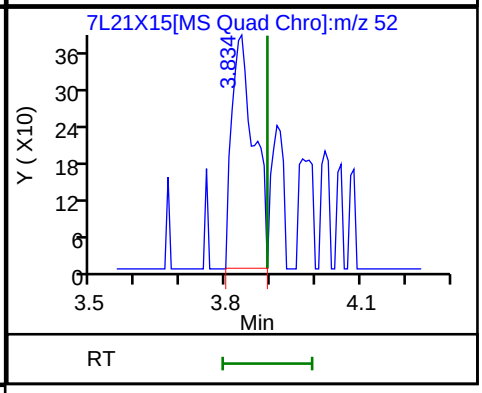
5 Chloromethane, CAS: 74-87-3

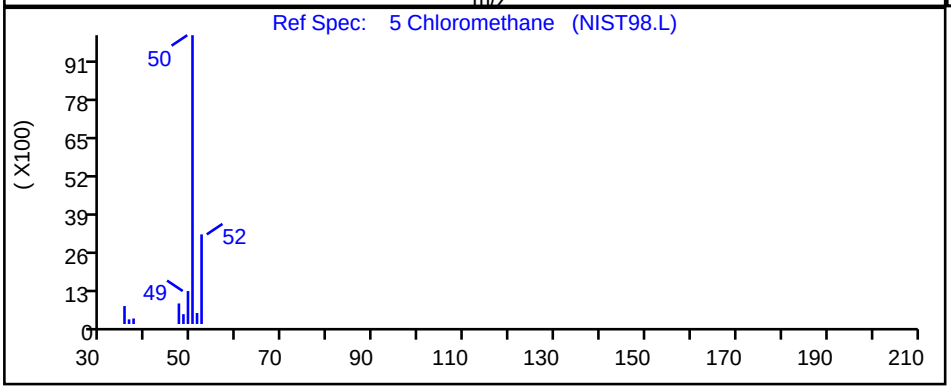
Processing Results











RT	Mass	Response	Amount
3.83	50.00	3968	0.132982
3.83	52.00	1326	

Reviewer: D7UM, 28-Jul-2025 14:40:09 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

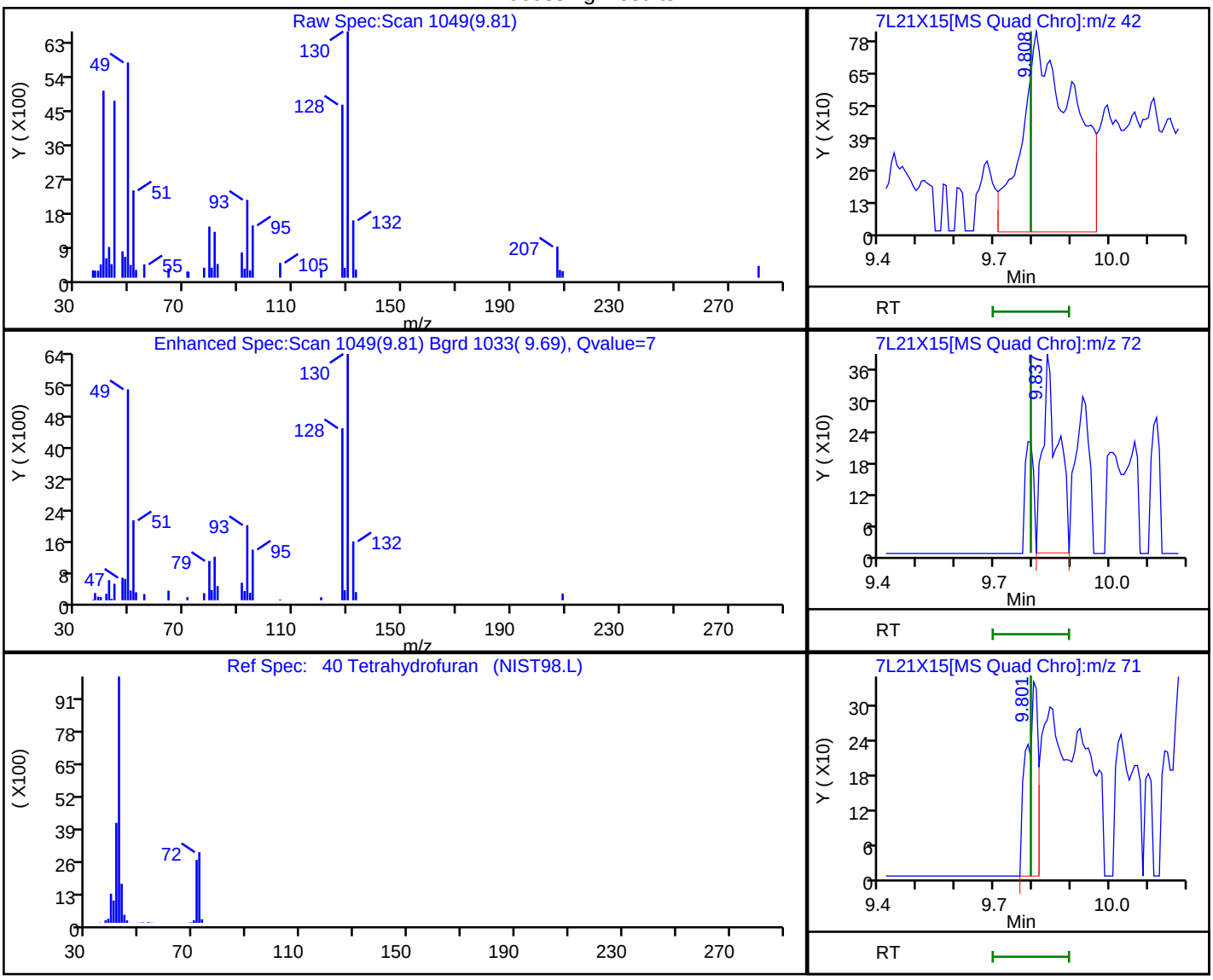
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X15.D				
Injection Date:	22-Jul-2025 11:47:33	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-1	Lab Sample ID:	410-234488-1		
Client ID:	2020				
Operator ID:	al109694	ALS Bottle#:	6	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.81	42.00	7358	0.166678
9.84	72.00	1078	
9.80	71.00	664	

Reviewer: D7UM, 28-Jul-2025 14:40:30 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2028 Lab Sample ID: 410-234488-2

Matrix: Air Lab File ID: 7L21X17.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 12:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND	H	1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND	H	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND	H	1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND	H	1.0	0.12
75-34-3	1,1-Dichloroethane	ND	H	1.0	0.089
75-35-4	1,1-Dichloroethene	ND	H	1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND	H	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND	H	2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	H	2.0	0.28
106-93-4	1,2-Dibromoethane	ND	H	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND	H	2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND	H	1.0	0.20
107-06-2	1,2-Dichloroethane	ND	H	1.0	0.080
78-87-5	1,2-Dichloropropane	ND	H	1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND	H	2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND	H	1.0	0.20
106-99-0	1,3-Butadiene	ND	H	1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND	H	1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND	H	1.0	0.30
78-93-3	2-Butanone	0.44	J H	1.0	0.21
591-78-6	2-Hexanone	ND	H	2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND	H	1.0	0.10
107-05-1	3-Chloroprene	ND	H	1.0	0.20
622-96-8	4-Ethyltoluene	ND	H	1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND	H	1.0	0.15
67-64-1	Acetone	3.3	J H	5.0	1.0
71-43-2	Benzene	ND	H	1.0	0.11
108-86-1	Bromobenzene	ND	H	1.0	0.20
75-27-4	Bromodichloromethane	ND	H	1.0	0.40
75-25-2	Bromoform	ND	H	1.0	0.40
74-83-9	Bromomethane	ND	H	1.0	0.20
75-15-0	Carbon disulfide	ND	H	1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2028 Lab Sample ID: 410-234488-2

Matrix: Air Lab File ID: 7L21X17.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 12:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND	H	1.0	0.14
108-90-7	Chlorobenzene	ND	H	1.0	0.13
75-45-6	Chlorodifluoromethane	ND	H	1.0	0.40
75-00-3	Chloroethane	ND	H	1.0	0.30
67-66-3	Chloroform	ND	H	1.0	0.092
74-87-3	Chloromethane	ND	H	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND	H	1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND	H	1.0	0.10
593-60-2	Bromoethene	ND	H	1.0	0.18
98-82-8	Cumene	ND	H	1.0	0.24
124-48-1	Dibromochloromethane	ND	H	1.0	0.40
74-95-3	Dibromomethane	ND	H	1.0	0.14
75-71-8	Dichlorodifluoromethane	ND	H	1.0	0.13
75-43-4	Dichlorofluoromethane	ND	H	1.0	0.11
100-41-4	Ethylbenzene	ND	H	1.0	0.19
76-13-1	Freon 113	ND	H	1.0	0.20
76-14-2	Freon-114	ND	H	1.0	0.12
142-82-5	Heptane	ND	H	1.0	0.23
67-72-1	Hexachloroethane	ND	H	2.0	0.27
110-54-3	Hexane	ND	H	1.0	0.30
540-84-1	Isooctane	ND	H	1.0	0.40
179601-23-1	m&p-Xylene	ND	H	1.0	0.26
1634-04-4	Methyl t-butyl ether	ND	H	1.0	0.15
75-09-2	Methylene Chloride	ND	H	2.0	0.25
95-47-6	o-Xylene	ND	H	1.0	0.19
111-65-9	Octane	ND	H	2.0	0.40
109-66-0	Pentane	ND	H	1.0	0.20
100-42-5	Styrene	ND	H	1.0	0.20
127-18-4	Tetrachloroethene	ND	H	2.0	0.25
108-88-3	Toluene	ND	H	1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND	H	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND	H	1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2028 Lab Sample ID: 410-234488-2

Matrix: Air Lab File ID: 7L21X17.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 12:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND	H	1.0	0.18
75-69-4	Trichlorofluoromethane	ND	H	1.0	0.15
75-01-4	Vinyl chloride	ND	H	1.0	0.12
67-63-0	Isopropanol	ND	H	1.0	0.60
91-20-3	Naphthalene	ND	H	2.0	1.0
1330-20-7	Xylenes, Total	ND	H	2.0	0.19
96-33-3	Methyl acrylate	ND	H	1.0	0.20
109-99-9	Tetrahydrofuran	ND	H	1.0	0.24
141-78-6	Ethyl acetate	ND	H	2.0	0.25
80-62-6	Methyl methacrylate	ND	H	1.0	0.15
75-65-0	tert-Butyl alcohol	ND	H	1.0	0.21
100-44-7	Benzyl chloride	ND	H	2.0	0.30
87-68-3	Hexachlorobutadiene	ND	H	2.0	0.47
104-51-8	n-Butylbenzene	ND	H	2.0	0.26
95-49-8	2-Chlorotoluene	ND	H	1.0	0.22
75-05-8	Acetonitrile	ND	H	5.0	0.83
115-07-1	Propene	ND	H	1.0	0.30
123-91-1	1,4-Dioxane	ND	H	1.0	0.17
74-88-4	Iodomethane	ND	H	1.0	0.20
107-13-1	Acrylonitrile	ND	H	1.0	0.20
98-83-9	Alpha Methyl Styrene	ND	H	1.0	0.20
97-63-2	Ethyl methacrylate	ND	H	1.0	0.19
135-98-8	sec-Butylbenzene	ND	H	2.0	0.39
103-65-1	N-Propylbenzene	ND	H	1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND	H	1.0	0.15
108-20-3	di-Isopropyl ether	ND	H	1.0	0.15
110-82-7	Cyclohexane	ND	H	1.0	0.20
107-02-8	Acrolein	ND	H	5.0	0.62
64-17-5	Ethanol	ND	H	5.0	2.0
99-87-6	p-Isopropyltoluene	ND	H	2.0	0.28
140-88-5	Ethyl acrylate	ND	H	1.0	0.16
994-05-8	Tert-amyl methyl ether	ND	H	1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2028 Lab Sample ID: 410-234488-2

Matrix: Air Lab File ID: 7L21X17.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 12:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND	H	1.0	0.16
98-06-6	tert-Butylbenzene	ND	H	5.0	0.76

Report Date: 29-Jul-2025 11:20:57 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X17.D
Lims ID: 410-234488-A-2
Client ID: 2028
Sample Type: Client
Inject. Date: 22-Jul-2025 12:52:22 ALS Bottle#: 8 Worklist Smp#: 17
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2028
Misc. Info.: 410-0154125-017
Operator ID: al109694 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 28-Jul-2025 14:56:23 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1662

First Level Reviewer: D7UM Date: 28-Jul-2025 14:41:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.412	3.405	-0.007	94	6122	0.2535	M
13 Pentane	43	5.726	5.718	-0.014	35	4488	0.0699	
18 Acetone	43	6.521	6.506	-0.007	97	194486	3.28	
21 Isopropyl alcohol	45	6.736	6.743	-0.007	97	28428	0.5526	
35 2-Butanone (MEK)	72	9.329	9.336	-0.007	99	10531	0.4358	
* 39 Chlorobromomethane (IS)	130	9.766	9.787	-0.021	91	571875	10.0	
* 51 1,4-Difluorobenzene	114	11.356	11.377	-0.021	94	2073244	10.0	
70 2-Hexanone	43	13.806	13.798	-0.007	71	6637	0.0805	7M
* 73 Chlorobenzene-d5 (IS)	117	14.543	14.558	-0.015	85	1937666	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

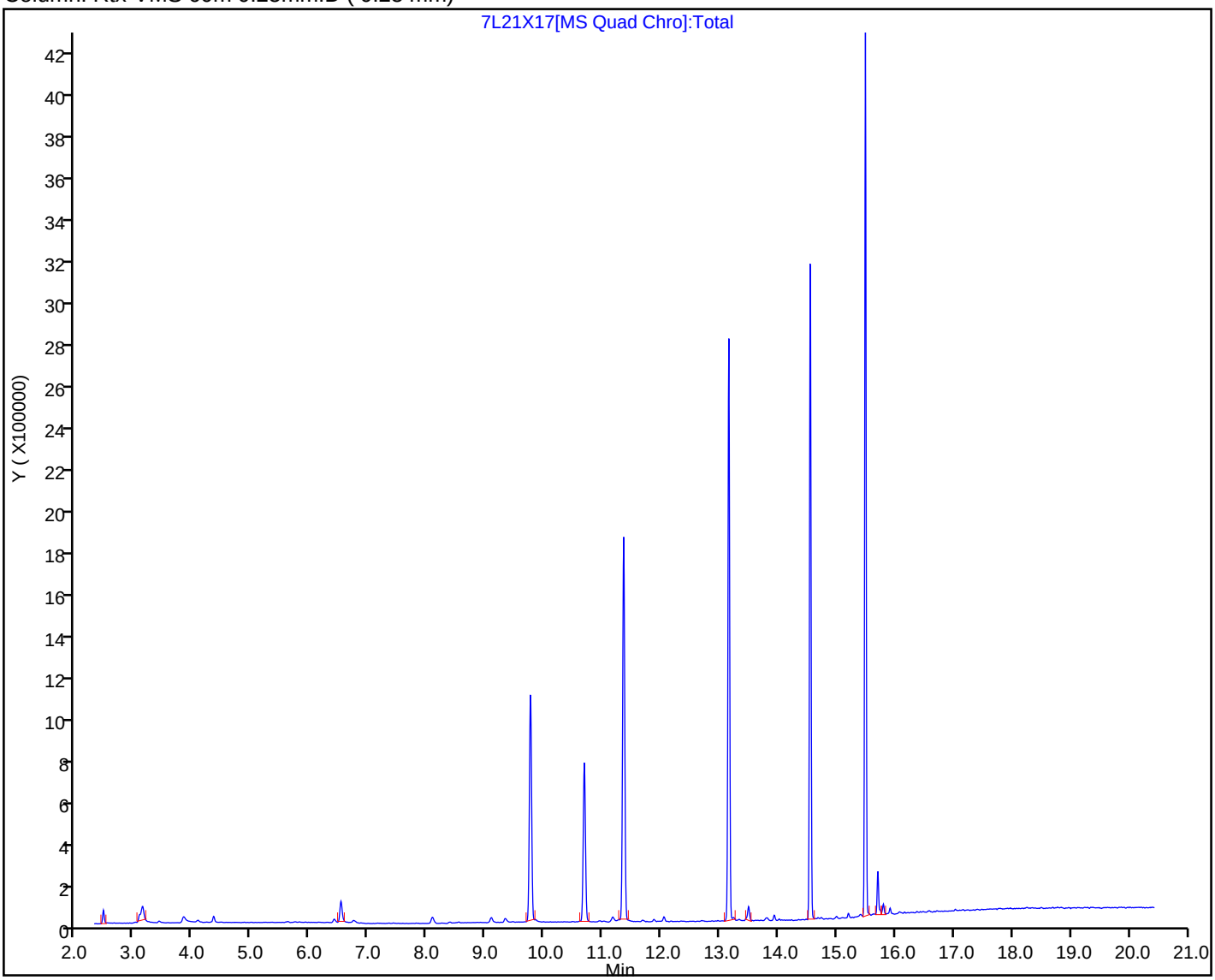
AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 29-Jul-2025 11:20:57 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X17.D				
Injection Date:	22-Jul-2025 12:52:22	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-2	Lab Sample ID:	410-234488-2		
Client ID:	2028				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

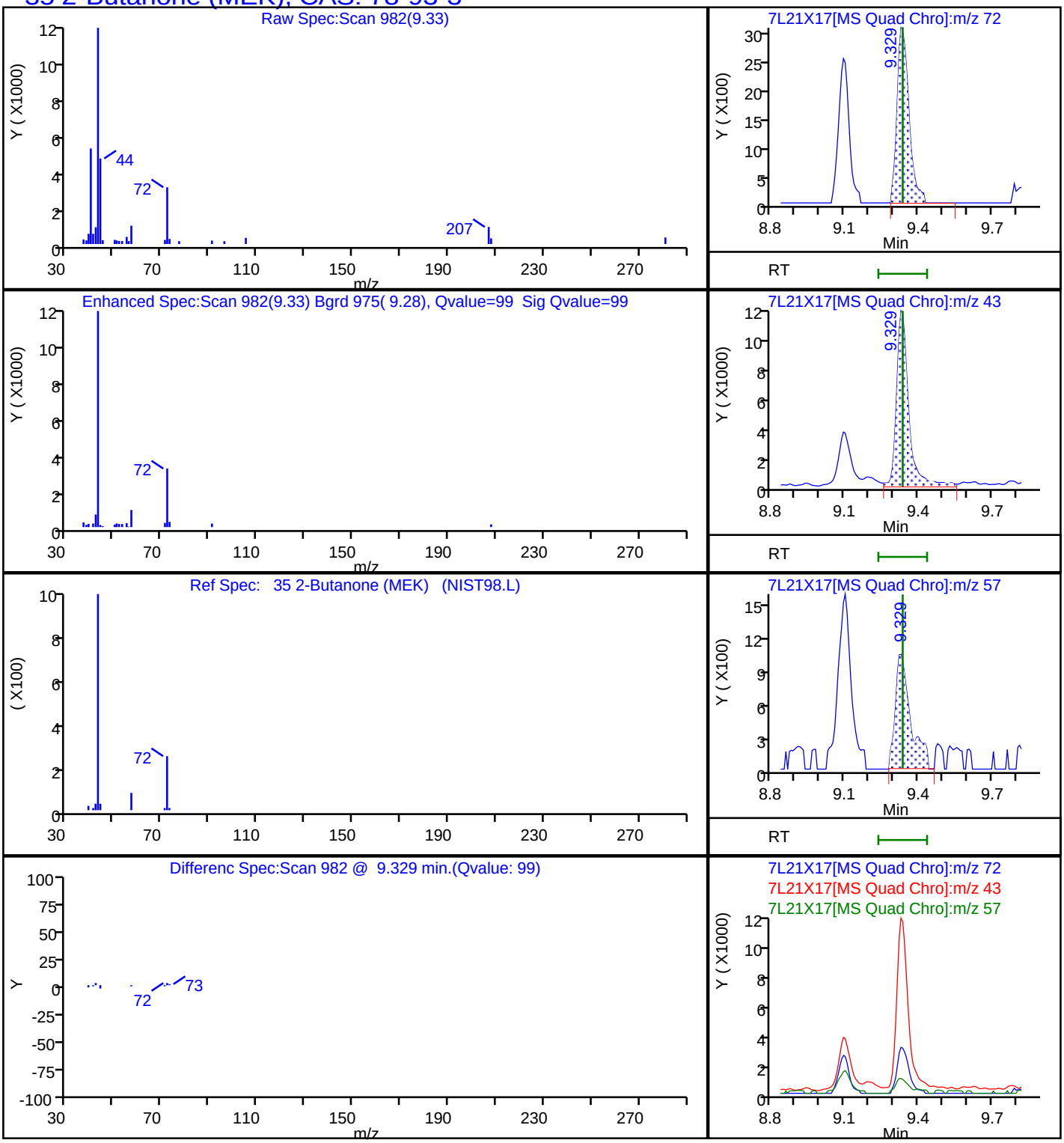


Report Date: 29-Jul-2025 11:20:57 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X17.D				
Injection Date:	22-Jul-2025 12:52:22	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-2	Lab Sample ID:	410-234488-2		
Client ID:	2028				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

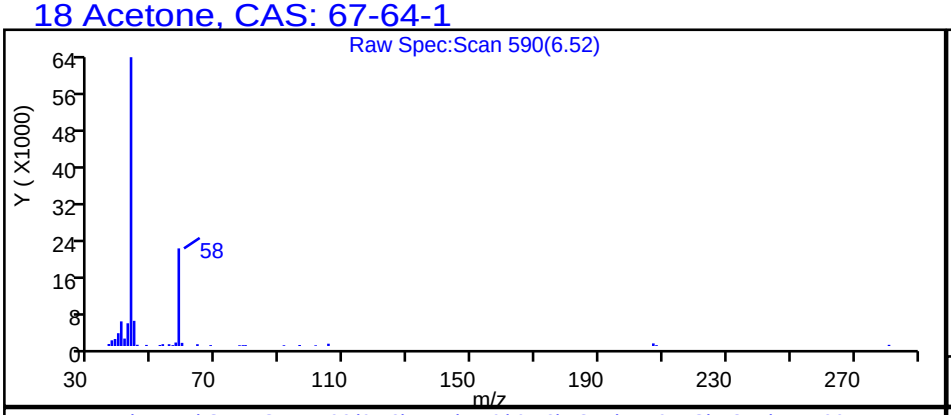


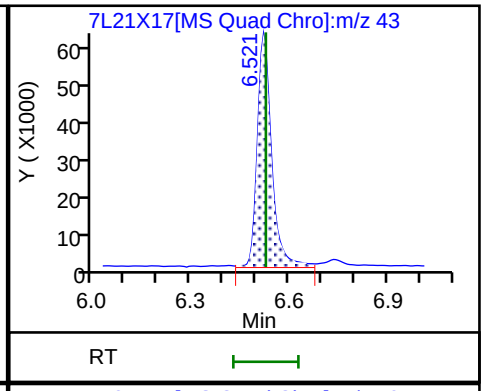
Report Date: 29-Jul-2025 11:20:57 Chrom Revision: 2.3 25-Jul-2025 13:52:40

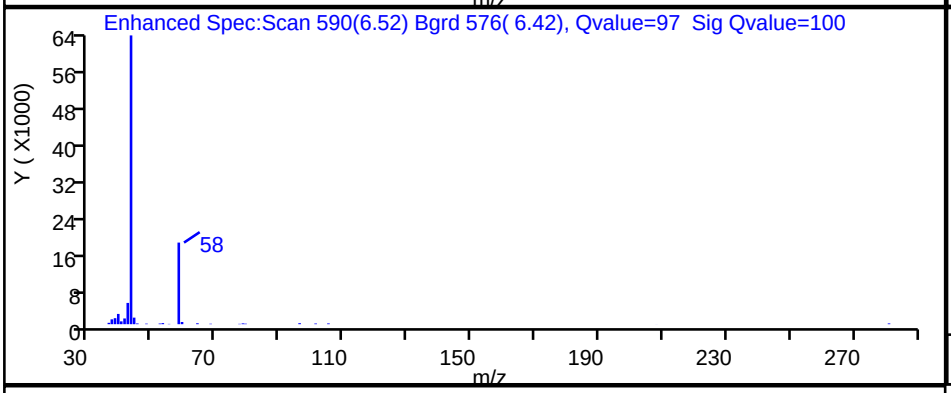
Eurofins Lancaster Laboratories Environment Testing, LLC

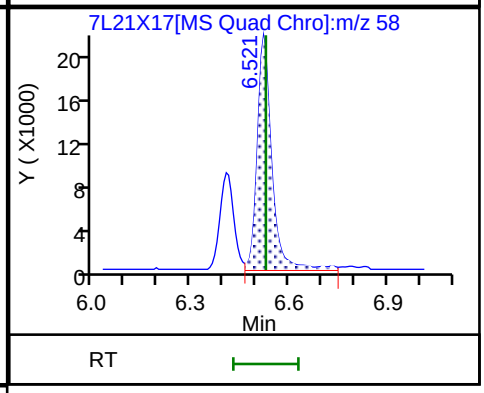
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Injection Date:	22-Jul-2025 12:52:22	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-2	Lab Sample ID:	410-234488-2		
Client ID:	2028				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

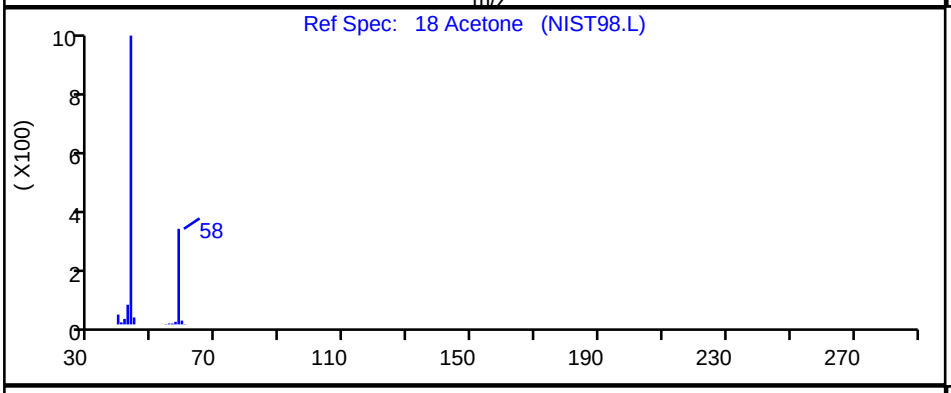
18 Acetone, CAS: 67-64-1

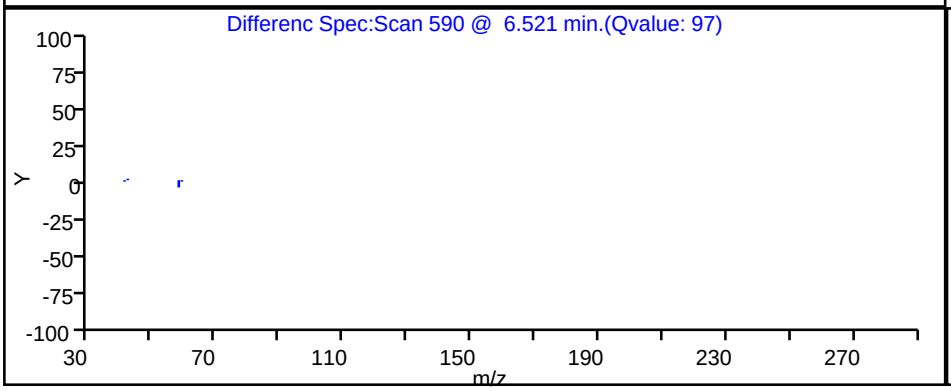


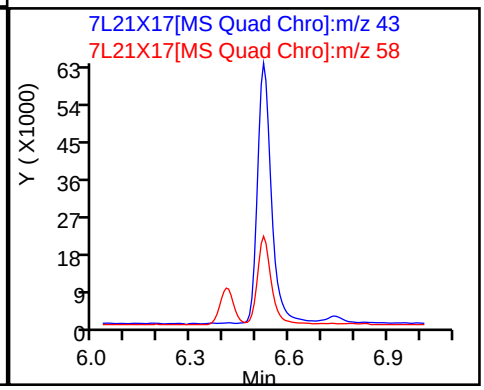












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

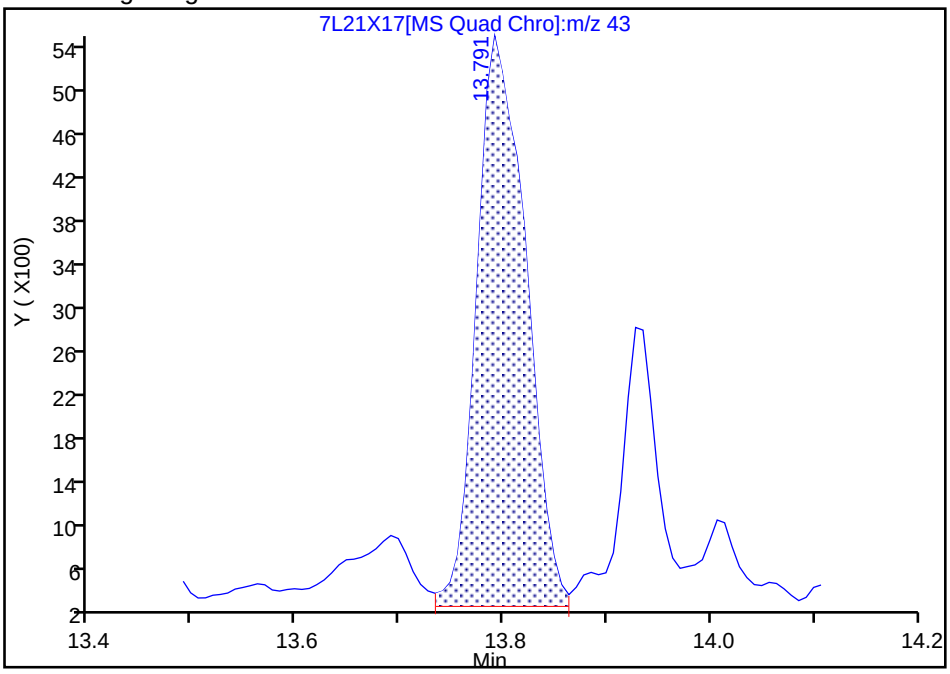
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Injection Date:	22-Jul-2025 12:52:22	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-2	Lab Sample ID:	410-234488-2		
Client ID:	2028				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

70 2-Hexanone, CAS: 591-78-6

Signal: 1

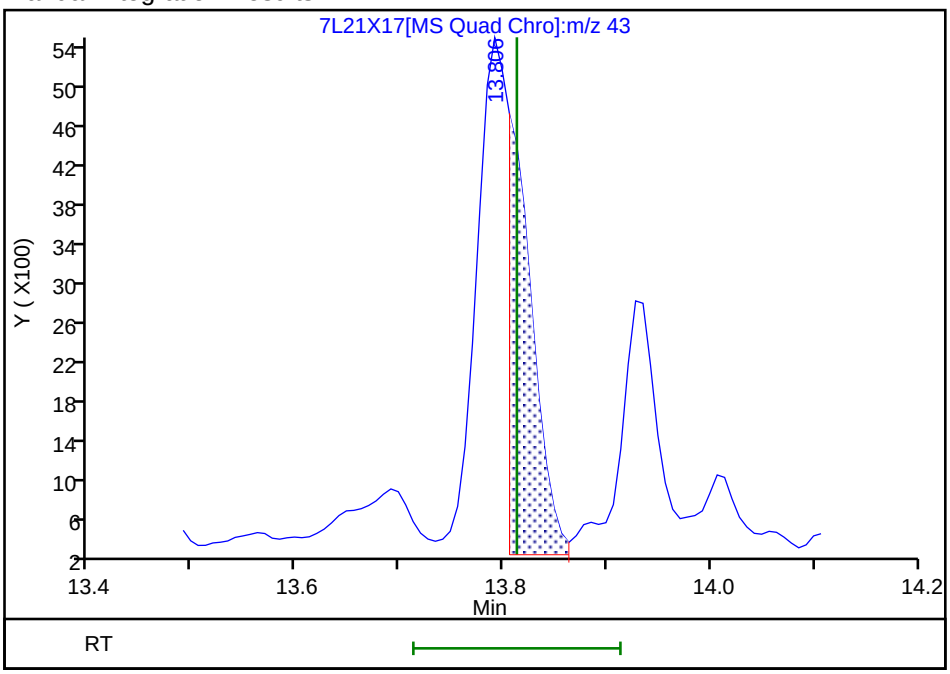
Processing Integration Results

RT: 13.79
Area: 17201
Amount: 0.208651
Amount Units: ppb v/v



Manual Integration Results

RT: 13.81
Area: 6637
Amount: 0.080508
Amount Units: ppb v/v



Reviewer: D7UM, 28-Jul-2025 14:42:51 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

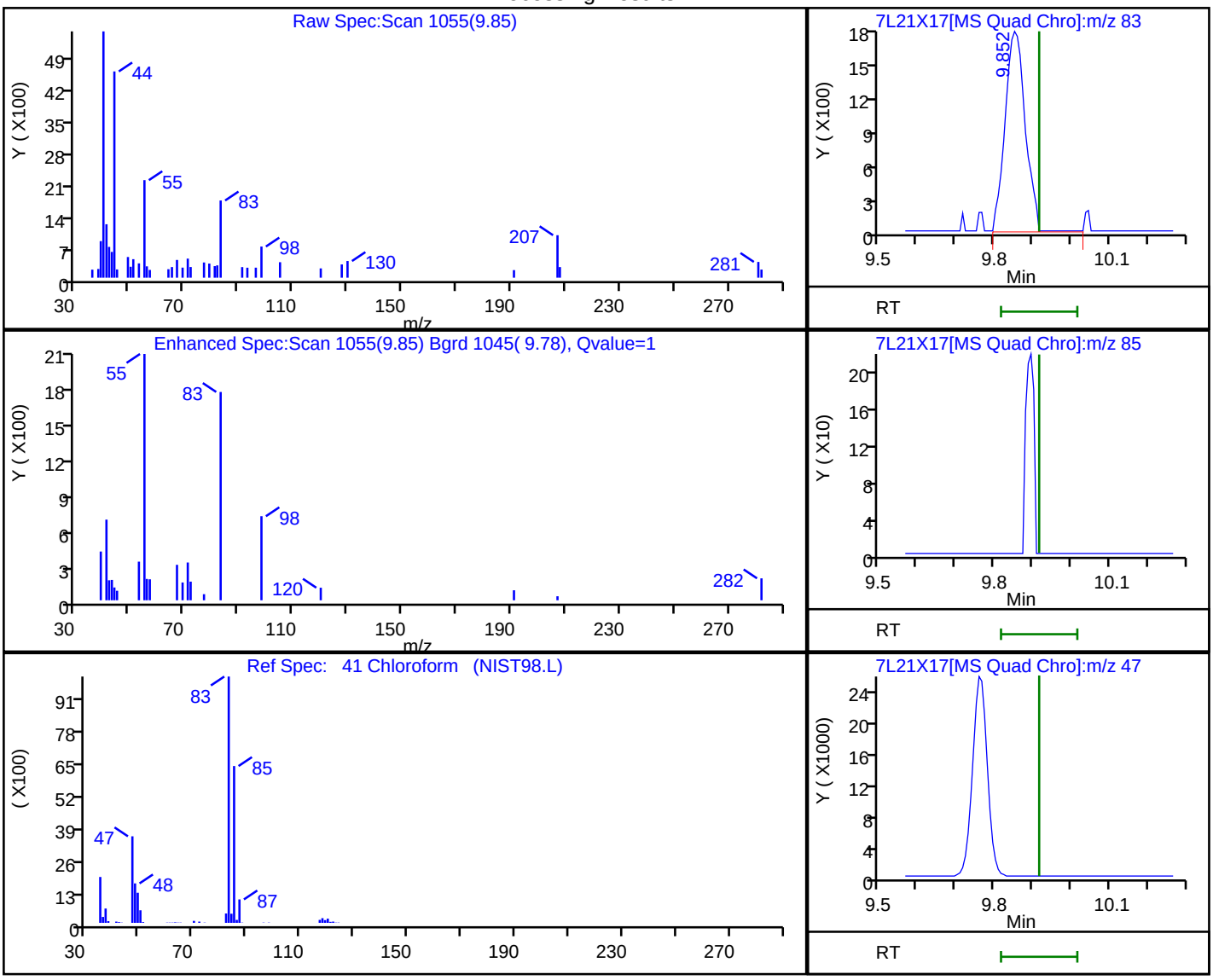
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X17.D				
Injection Date:	22-Jul-2025 12:52:22	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-2	Lab Sample ID:	410-234488-2		
Client ID:	2028				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

41 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
9.85	83.00	6242	0.061613
9.92	85.00	0	
9.92	47.00	0	

Reviewer: D7UM, 28-Jul-2025 14:42:20 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

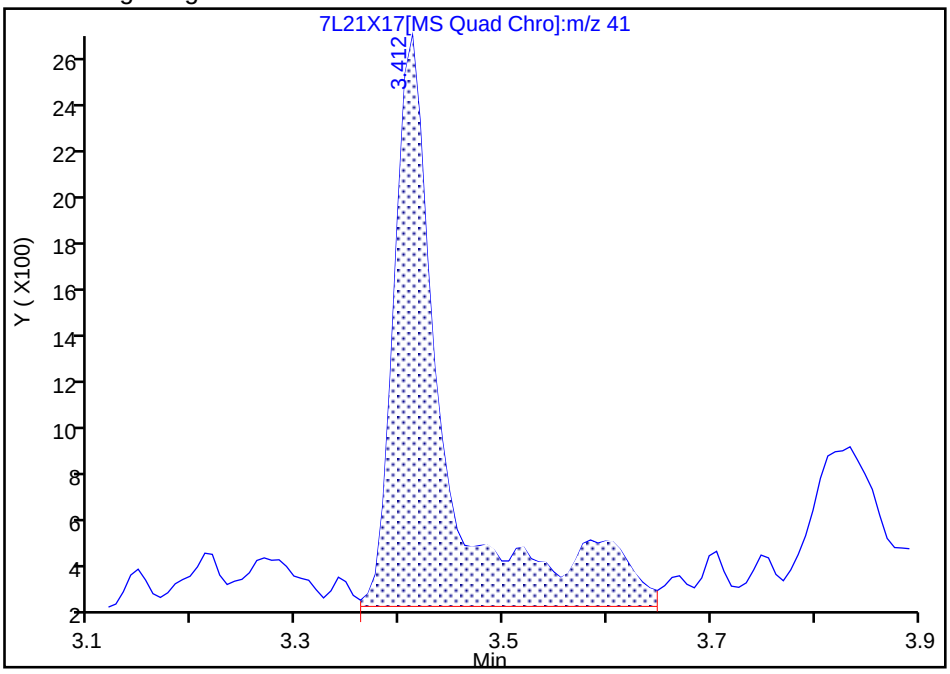
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Injection Date:	22-Jul-2025 12:52:22	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-2	Lab Sample ID:	410-234488-2		
Client ID:	2028				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

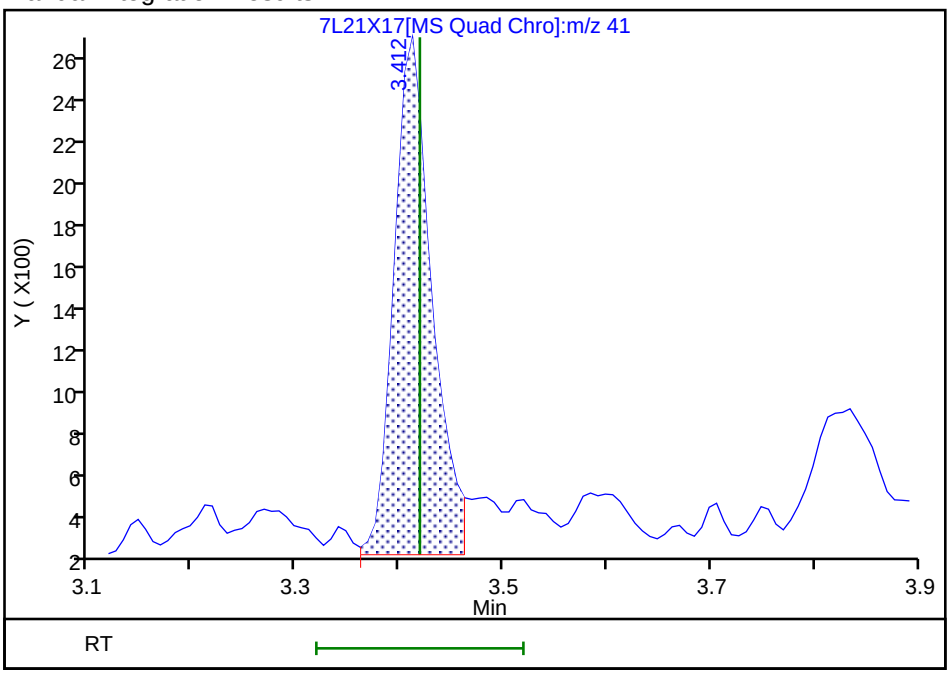
Processing Integration Results

RT: 3.41
Area: 8461
Amount: 0.350301
Amount Units: ppb v/v



Manual Integration Results

RT: 3.41
Area: 6122
Amount: 0.253462
Amount Units: ppb v/v



Reviewer: D7UM, 28-Jul-2025 14:41:43 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2026 Lab Sample ID: 410-234488-3

Matrix: Air Lab File ID: 7L21X19.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 13:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND	H	1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND	H	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND	H	1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND	H	1.0	0.12
75-34-3	1,1-Dichloroethane	ND	H	1.0	0.089
75-35-4	1,1-Dichloroethene	ND	H	1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND	H	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND	H	2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	H	2.0	0.28
106-93-4	1,2-Dibromoethane	ND	H	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND	H	2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND	H	1.0	0.20
107-06-2	1,2-Dichloroethane	ND	H	1.0	0.080
78-87-5	1,2-Dichloropropane	ND	H	1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND	H	2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND	H	1.0	0.20
106-99-0	1,3-Butadiene	ND	H	1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND	H	1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND	H	1.0	0.30
78-93-3	2-Butanone	0.28	J H	1.0	0.21
591-78-6	2-Hexanone	ND	H	2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND	H	1.0	0.10
107-05-1	3-Chloroprene	ND	H	1.0	0.20
622-96-8	4-Ethyltoluene	ND	H	1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND	H	1.0	0.15
67-64-1	Acetone	2.5	J H	5.0	1.0
71-43-2	Benzene	ND	H	1.0	0.11
108-86-1	Bromobenzene	ND	H	1.0	0.20
75-27-4	Bromodichloromethane	ND	H	1.0	0.40
75-25-2	Bromoform	ND	H	1.0	0.40
74-83-9	Bromomethane	ND	H	1.0	0.20
75-15-0	Carbon disulfide	ND	H	1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2026 Lab Sample ID: 410-234488-3

Matrix: Air Lab File ID: 7L21X19.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 13:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND	H	1.0	0.14
108-90-7	Chlorobenzene	ND	H	1.0	0.13
75-45-6	Chlorodifluoromethane	ND	H	1.0	0.40
75-00-3	Chloroethane	ND	H	1.0	0.30
67-66-3	Chloroform	ND	H	1.0	0.092
74-87-3	Chloromethane	ND	H	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND	H	1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND	H	1.0	0.10
593-60-2	Bromoethene	ND	H	1.0	0.18
98-82-8	Cumene	ND	H	1.0	0.24
124-48-1	Dibromochloromethane	ND	H	1.0	0.40
74-95-3	Dibromomethane	ND	H	1.0	0.14
75-71-8	Dichlorodifluoromethane	ND	H	1.0	0.13
75-43-4	Dichlorofluoromethane	ND	H	1.0	0.11
100-41-4	Ethylbenzene	ND	H	1.0	0.19
76-13-1	Freon 113	ND	H	1.0	0.20
76-14-2	Freon-114	ND	H	1.0	0.12
142-82-5	Heptane	ND	H	1.0	0.23
67-72-1	Hexachloroethane	ND	H	2.0	0.27
110-54-3	Hexane	ND	H	1.0	0.30
540-84-1	Isooctane	ND	H	1.0	0.40
179601-23-1	m&p-Xylene	ND	H	1.0	0.26
1634-04-4	Methyl t-butyl ether	ND	H	1.0	0.15
75-09-2	Methylene Chloride	ND	H	2.0	0.25
95-47-6	o-Xylene	ND	H	1.0	0.19
111-65-9	Octane	ND	H	2.0	0.40
109-66-0	Pentane	ND	H	1.0	0.20
100-42-5	Styrene	ND	H	1.0	0.20
127-18-4	Tetrachloroethene	ND	H	2.0	0.25
108-88-3	Toluene	ND	H	1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND	H	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND	H	1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2026 Lab Sample ID: 410-234488-3

Matrix: Air Lab File ID: 7L21X19.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 13:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND	H	1.0	0.18
75-69-4	Trichlorofluoromethane	ND	H	1.0	0.15
75-01-4	Vinyl chloride	ND	H	1.0	0.12
67-63-0	Isopropanol	ND	H	1.0	0.60
91-20-3	Naphthalene	ND	H	2.0	1.0
1330-20-7	Xylenes, Total	ND	H	2.0	0.19
96-33-3	Methyl acrylate	ND	H	1.0	0.20
109-99-9	Tetrahydrofuran	ND	H	1.0	0.24
141-78-6	Ethyl acetate	ND	H	2.0	0.25
80-62-6	Methyl methacrylate	ND	H	1.0	0.15
75-65-0	tert-Butyl alcohol	ND	H	1.0	0.21
100-44-7	Benzyl chloride	ND	H	2.0	0.30
87-68-3	Hexachlorobutadiene	ND	H	2.0	0.47
104-51-8	n-Butylbenzene	ND	H	2.0	0.26
95-49-8	2-Chlorotoluene	ND	H	1.0	0.22
75-05-8	Acetonitrile	ND	H	5.0	0.83
115-07-1	Propene	ND	H	1.0	0.30
123-91-1	1,4-Dioxane	ND	H	1.0	0.17
74-88-4	Iodomethane	ND	H	1.0	0.20
107-13-1	Acrylonitrile	ND	H	1.0	0.20
98-83-9	Alpha Methyl Styrene	ND	H	1.0	0.20
97-63-2	Ethyl methacrylate	ND	H	1.0	0.19
135-98-8	sec-Butylbenzene	ND	H	2.0	0.39
103-65-1	N-Propylbenzene	ND	H	1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND	H	1.0	0.15
108-20-3	di-Isopropyl ether	ND	H	1.0	0.15
110-82-7	Cyclohexane	ND	H	1.0	0.20
107-02-8	Acrolein	ND	H	5.0	0.62
64-17-5	Ethanol	ND	H	5.0	2.0
99-87-6	p-Isopropyltoluene	ND	H	2.0	0.28
140-88-5	Ethyl acrylate	ND	H	1.0	0.16
994-05-8	Tert-amyl methyl ether	ND	H	1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2026 Lab Sample ID: 410-234488-3

Matrix: Air Lab File ID: 7L21X19.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 13:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND	H	1.0	0.16
98-06-6	tert-Butylbenzene	ND	H	5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X19.D
Lims ID: 410-234488-A-3
Client ID: 2026
Sample Type: Client
Inject. Date: 22-Jul-2025 13:57:17 ALS Bottle#: 10 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2026
Misc. Info.: 410-0154125-019
Operator ID: al109694 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 28-Jul-2025 14:56:23 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1662

First Level Reviewer: D7UM Date: 28-Jul-2025 14:45:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.412	3.405	-0.007	76	2736	0.1140	M
18 Acetone	43	6.528	6.506	0.000	100	147689	2.51	
21 Isopropyl alcohol	45	6.750	6.743	0.007	72	6584	0.1288	
35 2-Butanone (MEK)	72	9.336	9.336	0.000	92	6814	0.2839	
* 39 Chlorobromomethane (IS)	130	9.765	9.787	-0.022	92	568081	10.0	
* 51 1,4-Difluorobenzene	114	11.363	11.377	-0.014	94	2085600	10.0	
70 2-Hexanone	43	13.805	13.798	-0.008	70	4407	0.0533	7M
* 73 Chlorobenzene-d5 (IS)	117	14.550	14.558	-0.008	86	1941772	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 29-Jul-2025 11:21:00 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X19.D

Injection Date: 22-Jul-2025 13:57:17 Instrument ID: HP8R004

Lims ID: 410-234488-A-3 Lab Sample ID: 410-234488-3

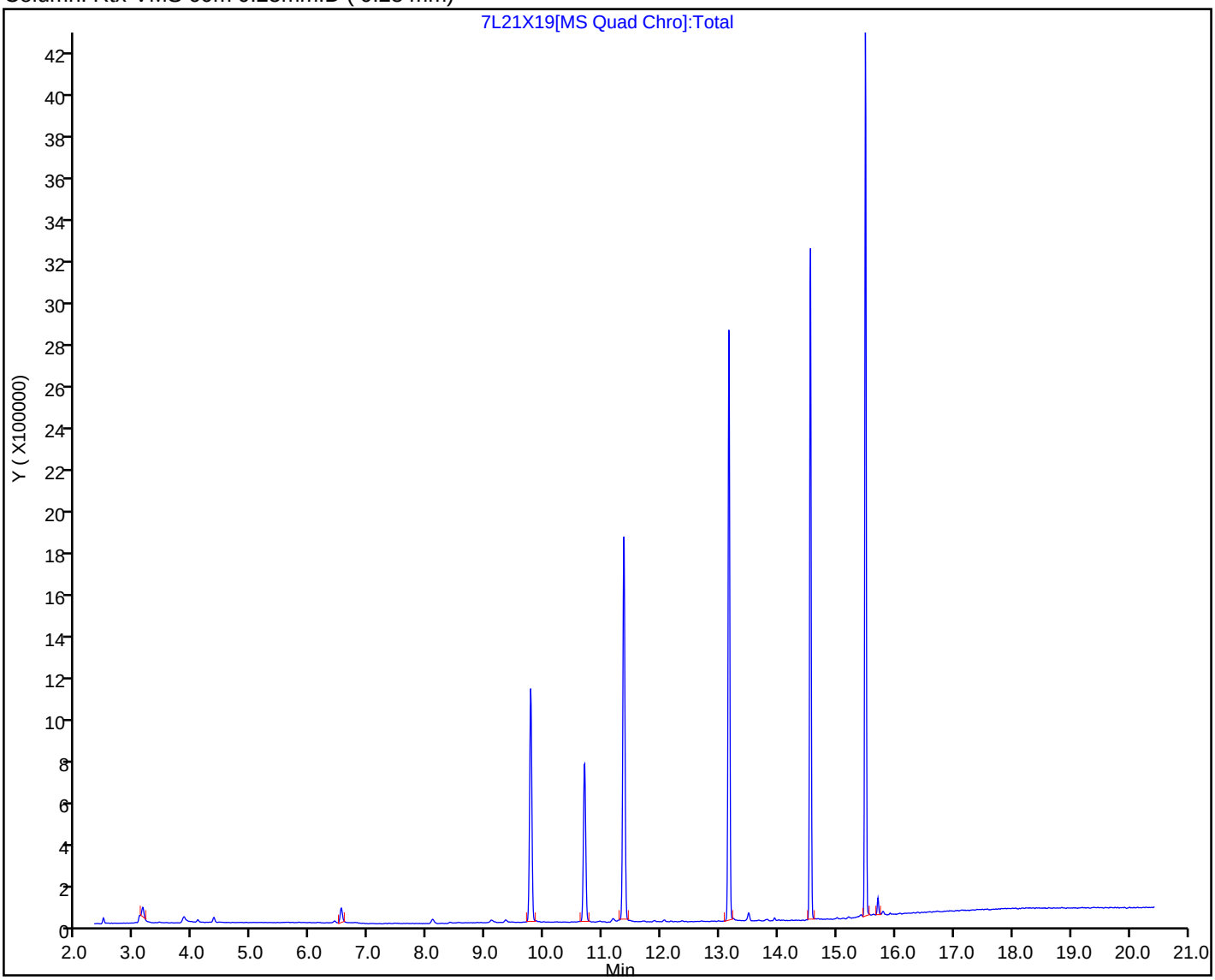
Client ID: 2026

Operator ID: al109694 ALS Bottle#: 10 Worklist Smp#: 19

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

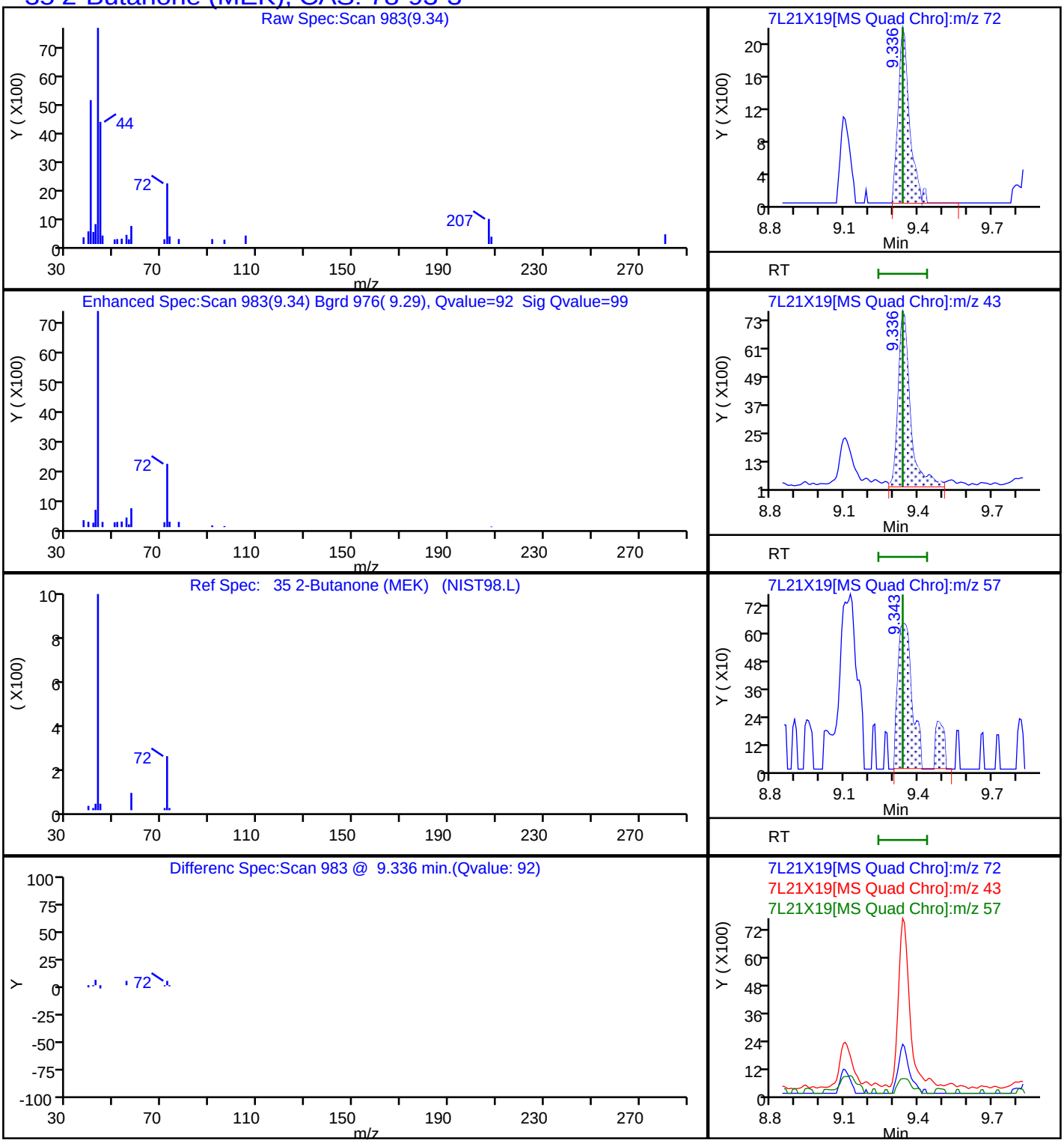


Report Date: 29-Jul-2025 11:21:00 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X19.D				
Injection Date:	22-Jul-2025 13:57:17	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-3	Lab Sample ID:	410-234488-3		
Client ID:	2026				
Operator ID:	al109694	ALS Bottle#:	10	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

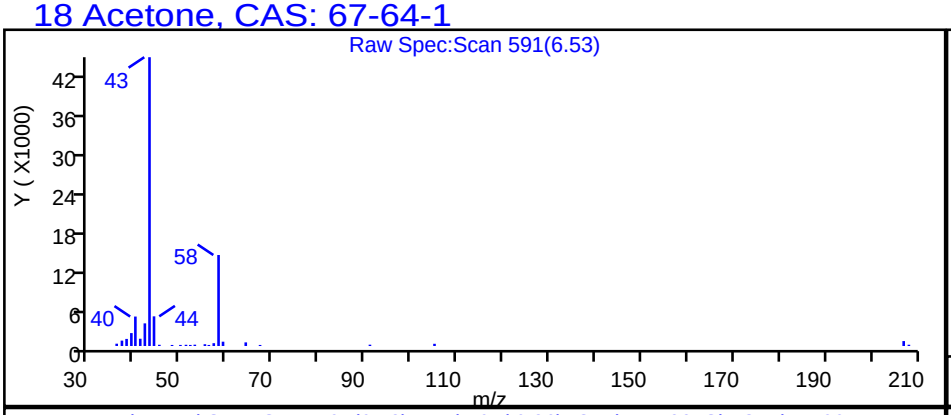


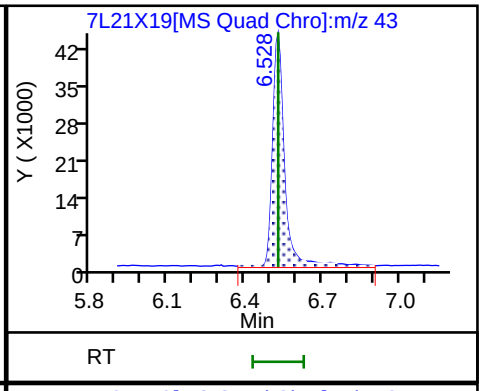
Report Date: 29-Jul-2025 11:21:00 Chrom Revision: 2.3 25-Jul-2025 13:52:40

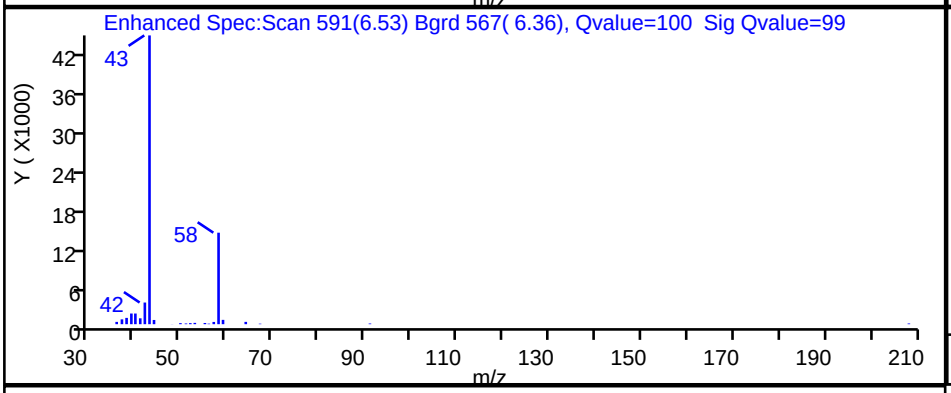
Eurofins Lancaster Laboratories Environment Testing, LLC

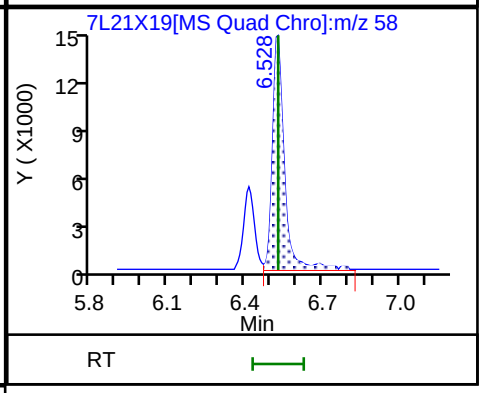
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Injection Date:	22-Jul-2025 13:57:17	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-3	Lab Sample ID:	410-234488-3		
Client ID:	2026				
Operator ID:	al109694	ALS Bottle#:	10	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

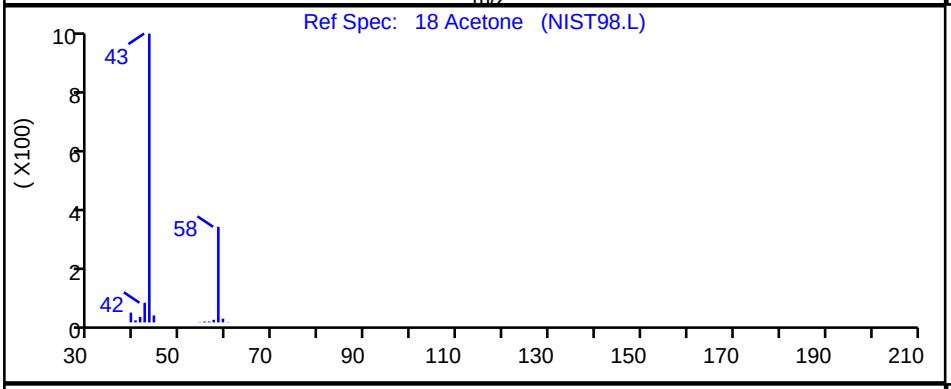
18 Acetone, CAS: 67-64-1

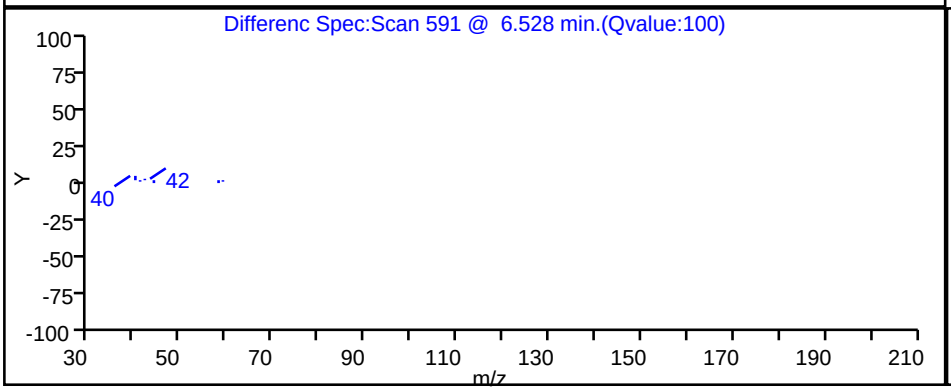


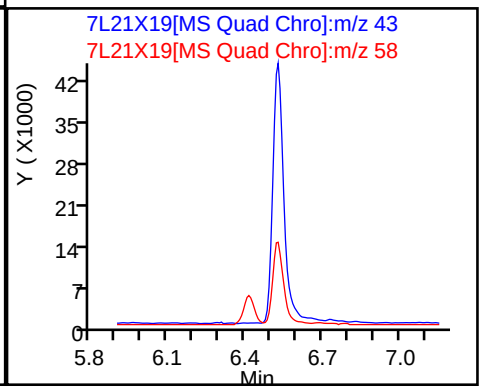












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

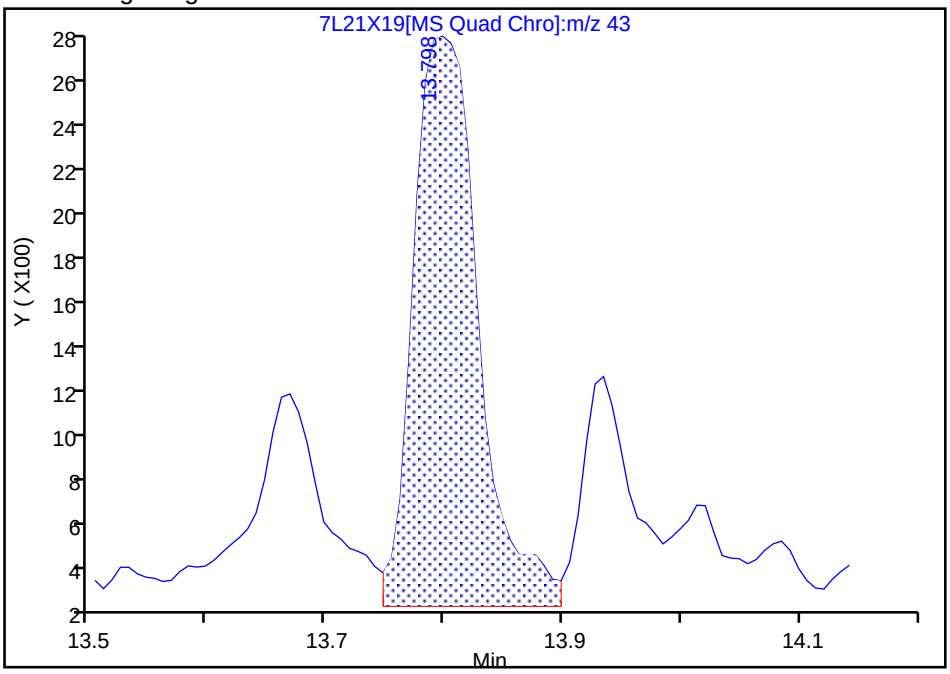
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Injection Date:	22-Jul-2025 13:57:17	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-3	Lab Sample ID:	410-234488-3		
Client ID:	2026				
Operator ID:	al109694	ALS Bottle#:	10	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

70 2-Hexanone, CAS: 591-78-6

Signal: 1

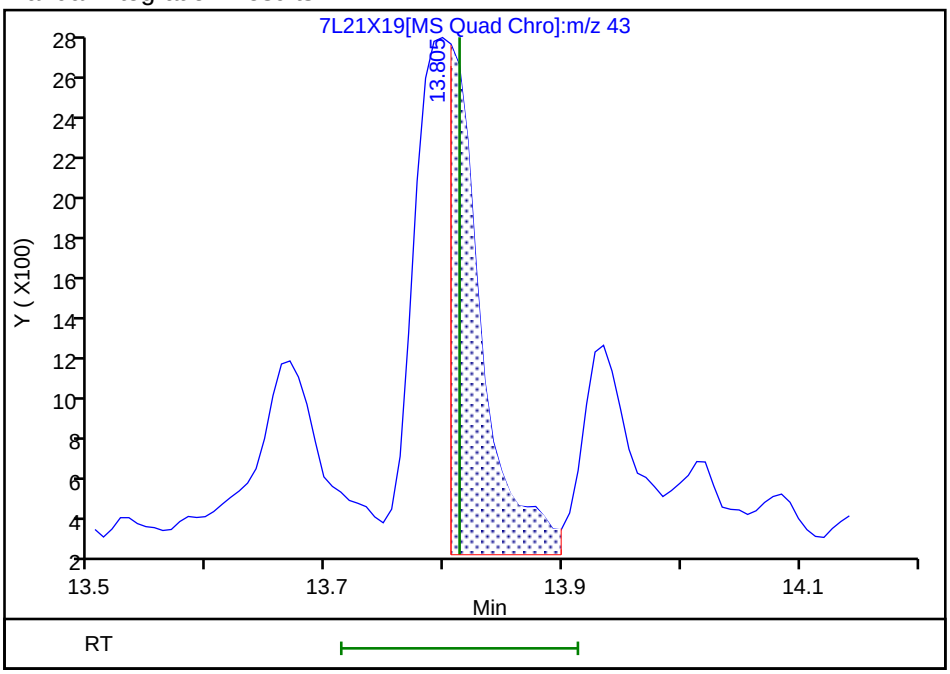
Processing Integration Results

RT: 13.80
Area: 9711
Amount: 0.117547
Amount Units: ppb v/v



Manual Integration Results

RT: 13.81
Area: 4407
Amount: 0.053345
Amount Units: ppb v/v



Reviewer: D7UM, 28-Jul-2025 14:45:12 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

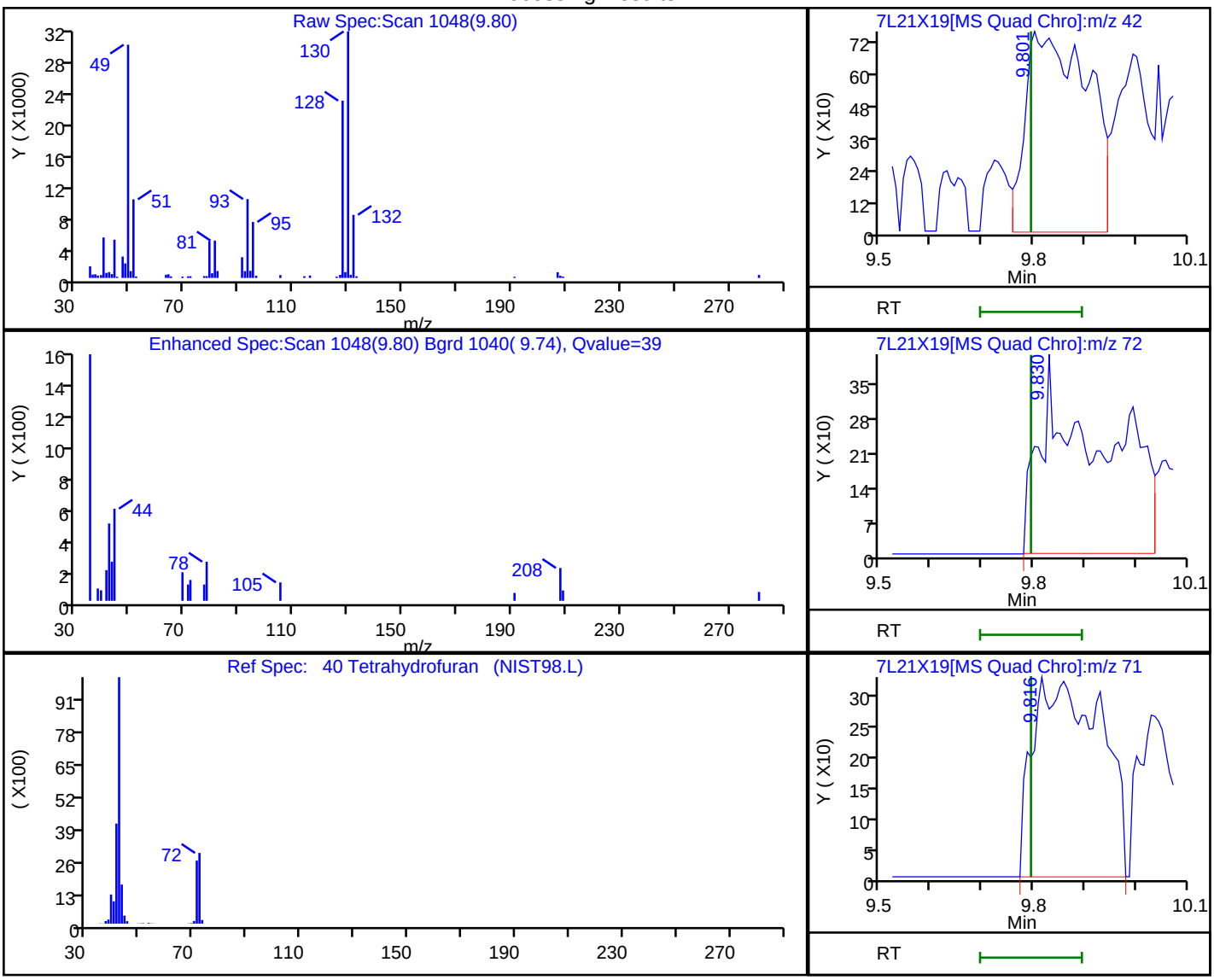
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X19.D				
Injection Date:	22-Jul-2025 13:57:17	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-3	Lab Sample ID:	410-234488-3		
Client ID:	2026				
Operator ID:	al109694	ALS Bottle#:	10	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.80	42.00	6331	0.135132
9.83	72.00	3463	
9.82	71.00	3030	

Reviewer: D7UM, 28-Jul-2025 14:44:23 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

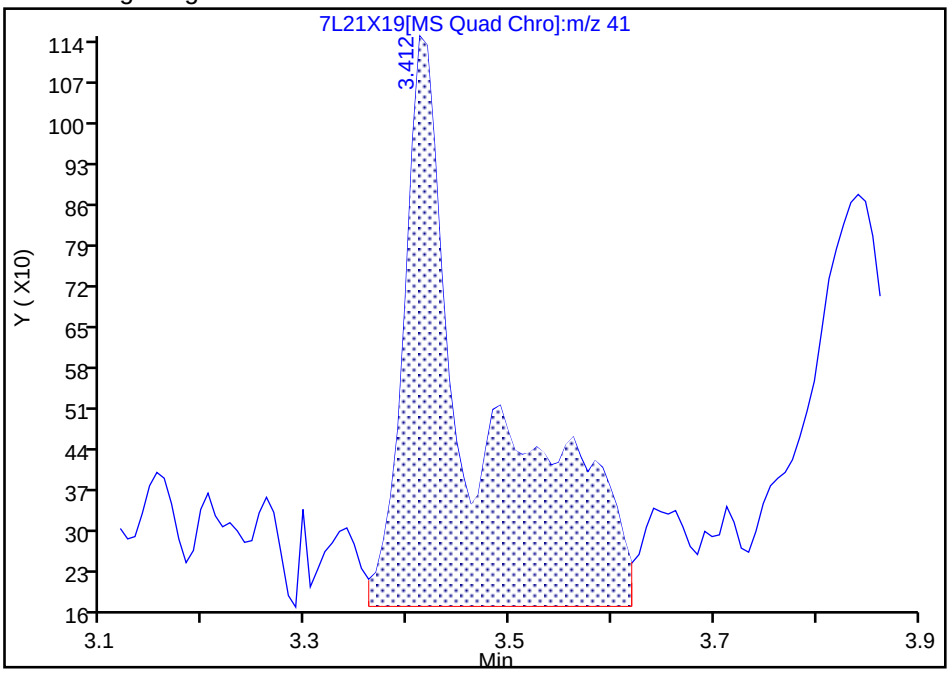
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Injection Date:	22-Jul-2025 13:57:17	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-3	Lab Sample ID:	410-234488-3		
Client ID:	2026				
Operator ID:	al109694	ALS Bottle#:	10	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

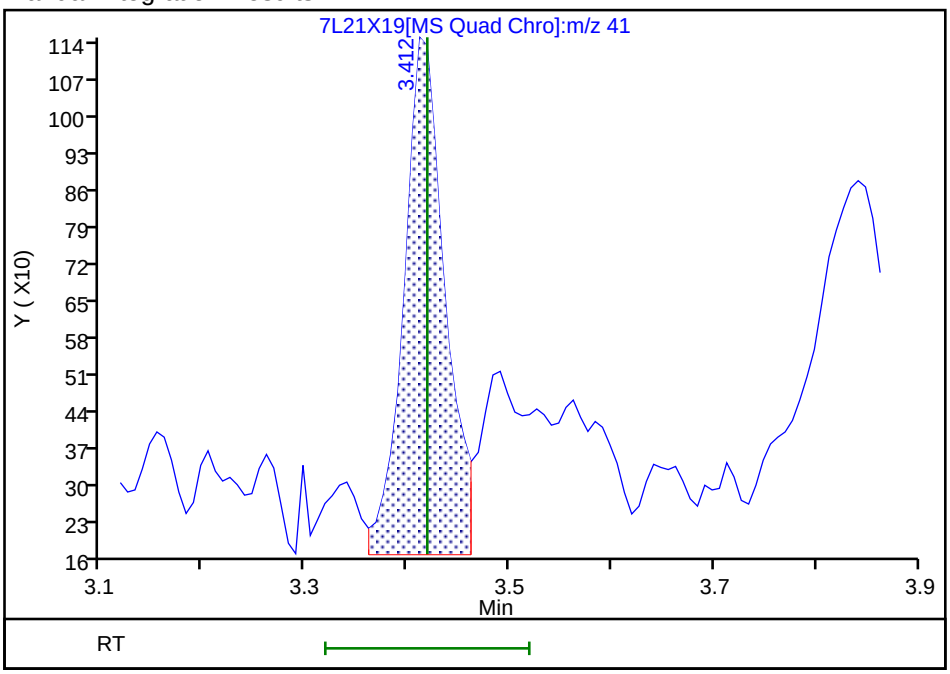
Processing Integration Results

RT: 3.41
Area: 5097
Amount: 0.212435
Amount Units: ppb v/v



Manual Integration Results

RT: 3.41
Area: 2736
Amount: 0.114032
Amount Units: ppb v/v



Reviewer: D7UM, 28-Jul-2025 14:43:58 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2064 Lab Sample ID: 410-234488-4

Matrix: Air Lab File ID: 7L21X23.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 16:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND	H	1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND	H	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND	H	1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND	H	1.0	0.12
75-34-3	1,1-Dichloroethane	ND	H	1.0	0.089
75-35-4	1,1-Dichloroethene	ND	H	1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND	H	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND	H	2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	H	2.0	0.28
106-93-4	1,2-Dibromoethane	ND	H	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND	H	2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND	H	1.0	0.20
107-06-2	1,2-Dichloroethane	ND	H	1.0	0.080
78-87-5	1,2-Dichloropropane	ND	H	1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND	H	2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND	H	1.0	0.20
106-99-0	1,3-Butadiene	ND	H	1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND	H	1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND	H	1.0	0.30
78-93-3	2-Butanone	0.27	J H	1.0	0.21
591-78-6	2-Hexanone	ND	H	2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND	H	1.0	0.10
107-05-1	3-Chloroprene	ND	H	1.0	0.20
622-96-8	4-Ethyltoluene	ND	H	1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND	H	1.0	0.15
67-64-1	Acetone	2.3	J H	5.0	1.0
71-43-2	Benzene	ND	H	1.0	0.11
108-86-1	Bromobenzene	ND	H	1.0	0.20
75-27-4	Bromodichloromethane	ND	H	1.0	0.40
75-25-2	Bromoform	ND	H	1.0	0.40
74-83-9	Bromomethane	ND	H	1.0	0.20
75-15-0	Carbon disulfide	ND	H	1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2064 Lab Sample ID: 410-234488-4

Matrix: Air Lab File ID: 7L21X23.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 16:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND	H	1.0	0.14
108-90-7	Chlorobenzene	ND	H	1.0	0.13
75-45-6	Chlorodifluoromethane	ND	H	1.0	0.40
75-00-3	Chloroethane	ND	H	1.0	0.30
67-66-3	Chloroform	ND	H	1.0	0.092
74-87-3	Chloromethane	ND	H	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND	H	1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND	H	1.0	0.10
593-60-2	Bromoethene	ND	H	1.0	0.18
98-82-8	Cumene	ND	H	1.0	0.24
124-48-1	Dibromochloromethane	ND	H	1.0	0.40
74-95-3	Dibromomethane	ND	H	1.0	0.14
75-71-8	Dichlorodifluoromethane	ND	H	1.0	0.13
75-43-4	Dichlorofluoromethane	ND	H	1.0	0.11
100-41-4	Ethylbenzene	ND	H	1.0	0.19
76-13-1	Freon 113	ND	H	1.0	0.20
76-14-2	Freon-114	ND	H	1.0	0.12
142-82-5	Heptane	ND	H	1.0	0.23
67-72-1	Hexachloroethane	ND	H	2.0	0.27
110-54-3	Hexane	ND	H	1.0	0.30
540-84-1	Isooctane	ND	H	1.0	0.40
179601-23-1	m&p-Xylene	ND	H	1.0	0.26
1634-04-4	Methyl t-butyl ether	ND	H	1.0	0.15
75-09-2	Methylene Chloride	ND	H	2.0	0.25
95-47-6	o-Xylene	ND	H	1.0	0.19
111-65-9	Octane	ND	H	2.0	0.40
109-66-0	Pentane	ND	H	1.0	0.20
100-42-5	Styrene	ND	H	1.0	0.20
127-18-4	Tetrachloroethene	ND	H	2.0	0.25
108-88-3	Toluene	ND	H	1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND	H	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND	H	1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2064 Lab Sample ID: 410-234488-4

Matrix: Air Lab File ID: 7L21X23.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 16:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND	H	1.0	0.18
75-69-4	Trichlorofluoromethane	ND	H	1.0	0.15
75-01-4	Vinyl chloride	ND	H	1.0	0.12
67-63-0	Isopropanol	ND	H	1.0	0.60
91-20-3	Naphthalene	ND	H	2.0	1.0
1330-20-7	Xylenes, Total	ND	H	2.0	0.19
96-33-3	Methyl acrylate	ND	H	1.0	0.20
109-99-9	Tetrahydrofuran	ND	H	1.0	0.24
141-78-6	Ethyl acetate	ND	H	2.0	0.25
80-62-6	Methyl methacrylate	ND	H	1.0	0.15
75-65-0	tert-Butyl alcohol	ND	H	1.0	0.21
100-44-7	Benzyl chloride	ND	H	2.0	0.30
87-68-3	Hexachlorobutadiene	ND	H	2.0	0.47
104-51-8	n-Butylbenzene	ND	H	2.0	0.26
95-49-8	2-Chlorotoluene	ND	H	1.0	0.22
75-05-8	Acetonitrile	ND	H	5.0	0.83
115-07-1	Propene	ND	H	1.0	0.30
123-91-1	1,4-Dioxane	ND	H	1.0	0.17
74-88-4	Iodomethane	ND	H	1.0	0.20
107-13-1	Acrylonitrile	ND	H	1.0	0.20
98-83-9	Alpha Methyl Styrene	ND	H	1.0	0.20
97-63-2	Ethyl methacrylate	ND	H	1.0	0.19
135-98-8	sec-Butylbenzene	ND	H	2.0	0.39
103-65-1	N-Propylbenzene	ND	H	1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND	H	1.0	0.15
108-20-3	di-Isopropyl ether	ND	H	1.0	0.15
110-82-7	Cyclohexane	ND	H	1.0	0.20
107-02-8	Acrolein	ND	H	5.0	0.62
64-17-5	Ethanol	ND	H	5.0	2.0
99-87-6	p-Isopropyltoluene	ND	H	2.0	0.28
140-88-5	Ethyl acrylate	ND	H	1.0	0.16
994-05-8	Tert-amyl methyl ether	ND	H	1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2064 Lab Sample ID: 410-234488-4

Matrix: Air Lab File ID: 7L21X23.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 16:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND	H	1.0	0.16
98-06-6	tert-Butylbenzene	ND	H	5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X23.D				
Lims ID:	410-234488-A-4				
Client ID:	2064				
Sample Type:	Client				
Inject. Date:	22-Jul-2025 16:11:03	ALS Bottle#:	14	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc2064				
Misc. Info.:	410-0154125-023				
Operator ID:	al109694	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	28-Jul-2025 14:56:23	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1662				
First Level Reviewer: D7UM		Date:	28-Jul-2025 14:48:00		

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	3.405	3.405	-0.014	92	3513	0.1602	
	18 Acetone	43	6.506	6.506	-0.022	96	121926	2.26	M
	21 Isopropyl alcohol	45	6.728	6.743	-0.015	71	11003	0.2355	
	35 2-Butanone (MEK)	72	9.321	9.336	-0.015	99	5878	0.2679	
*	39 Chlorobromomethane (IS)	130	9.751	9.787	-0.036	91	519272	10.0	
*	51 1,4-Difluorobenzene	114	11.341	11.377	-0.036	94	1921777	10.0	
	70 2-Hexanone	43	13.798	13.798	-0.015	80	4047	0.0533	7M
*	73 Chlorobenzene-d5 (IS)	117	14.536	14.558	-0.022	87	1785143	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

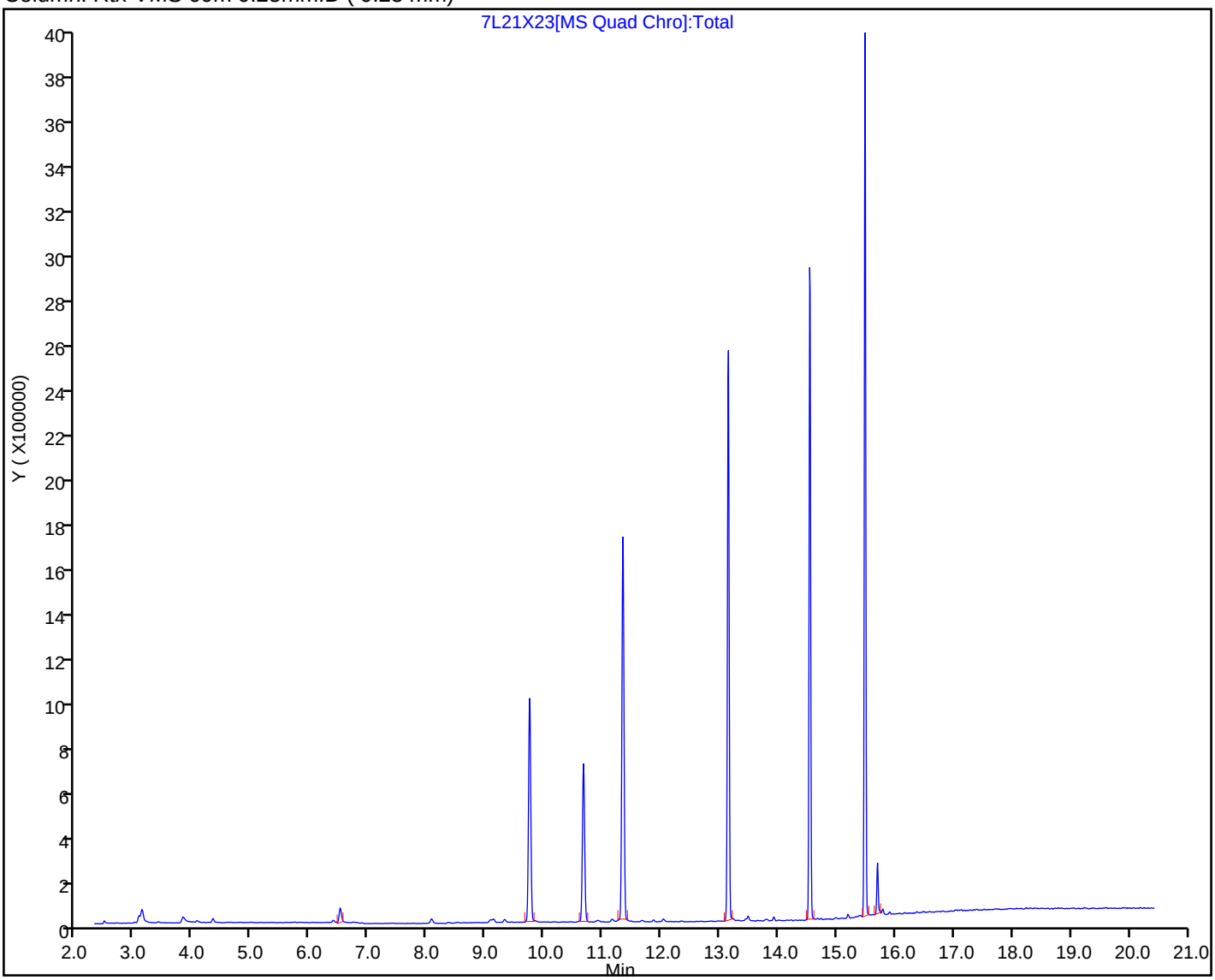
Report Date: 29-Jul-2025 11:20:34 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X23.D

Injection Date:	22-Jul-2025 16:11:03	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-4	Lab Sample ID:	410-234488-4		
Client ID:	2064				
Operator ID:	al109694	ALS Bottle#:	14	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

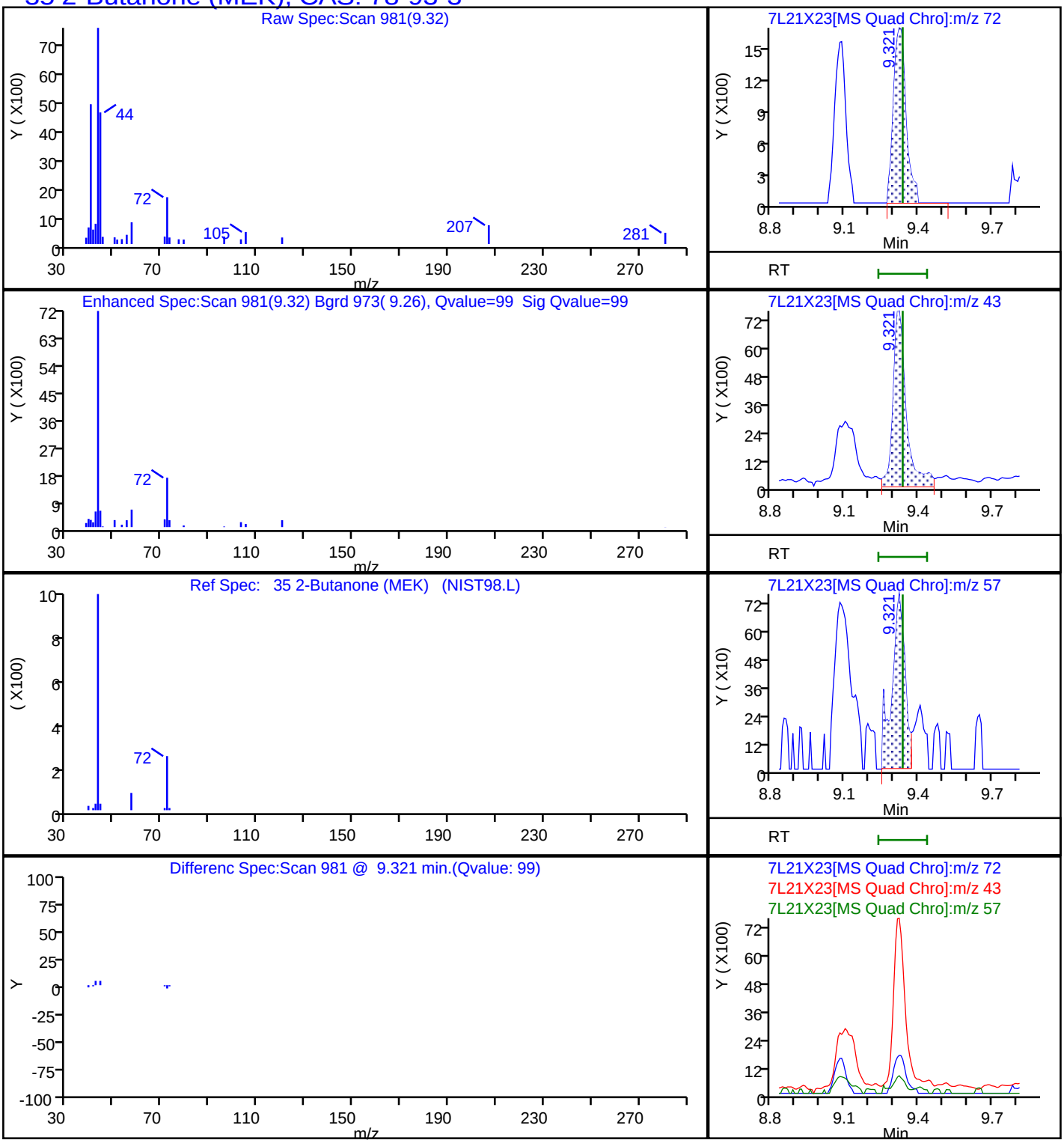


Report Date: 29-Jul-2025 11:20:34 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X23.D				
Injection Date:	22-Jul-2025 16:11:03	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-4	Lab Sample ID:	410-234488-4		
Client ID:	2064				
Operator ID:	al109694	ALS Bottle#:	14	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

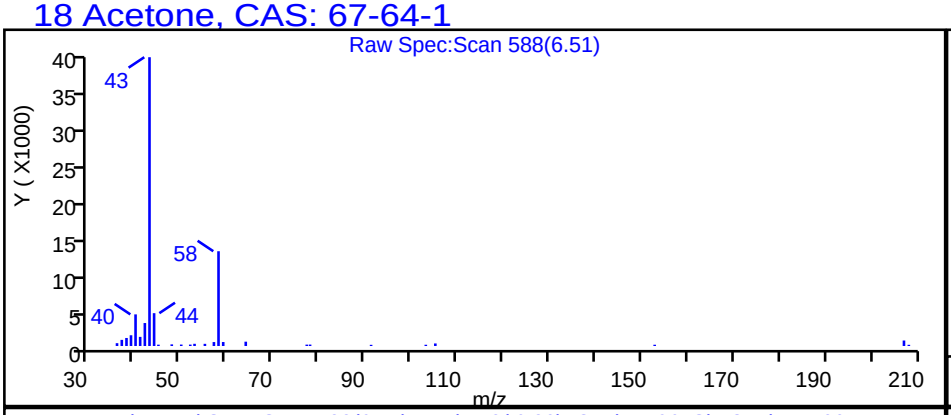


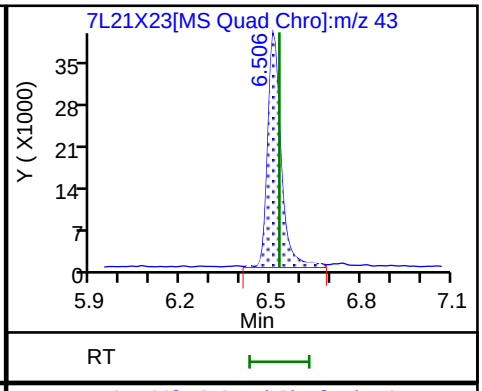
Report Date: 29-Jul-2025 11:20:34 Chrom Revision: 2.3 25-Jul-2025 13:52:40

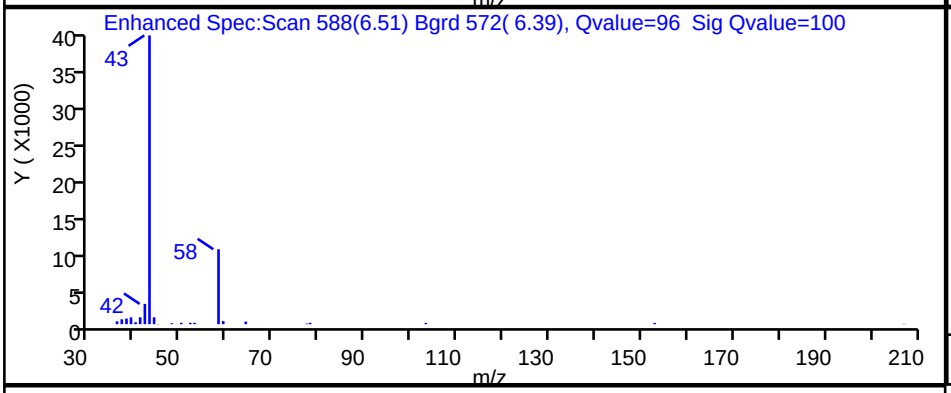
Eurofins Lancaster Laboratories Environment Testing, LLC

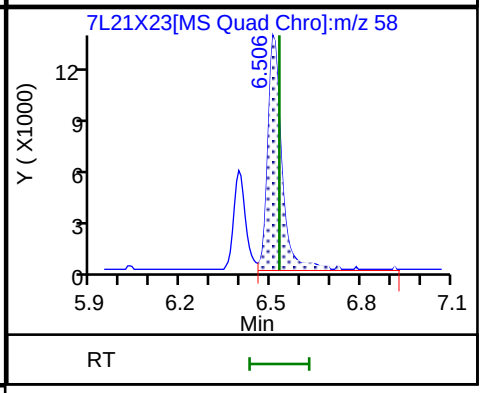
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Injection Date:	22-Jul-2025 16:11:03	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-4	Lab Sample ID:	410-234488-4		
Client ID:	2064				
Operator ID:	al109694	ALS Bottle#:	14	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

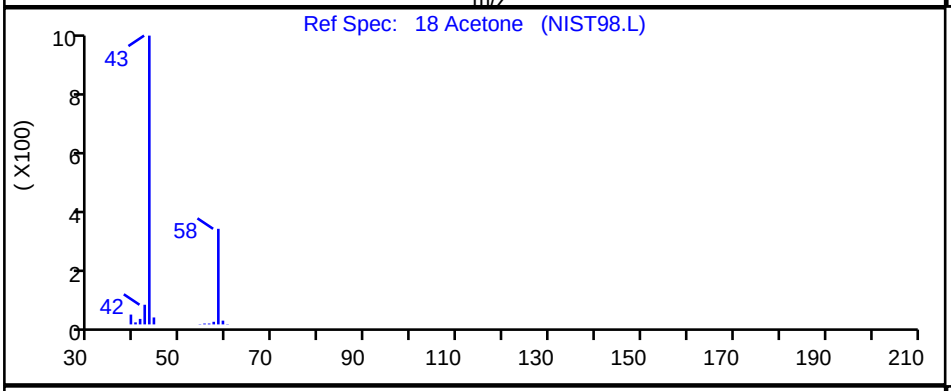
18 Acetone, CAS: 67-64-1

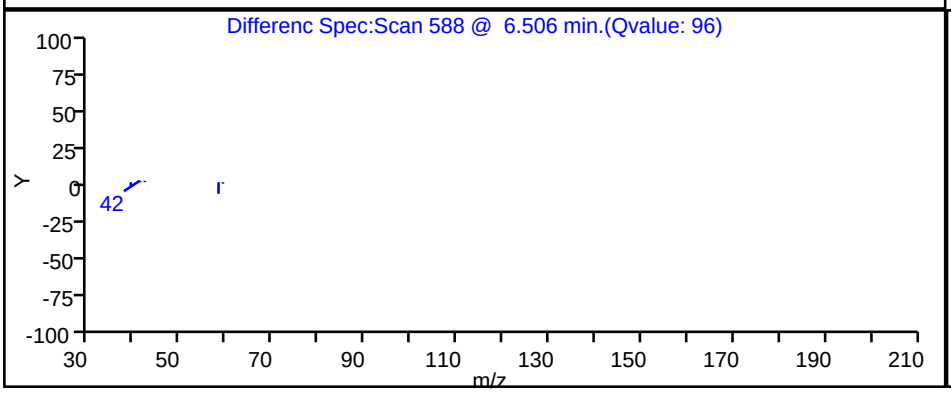


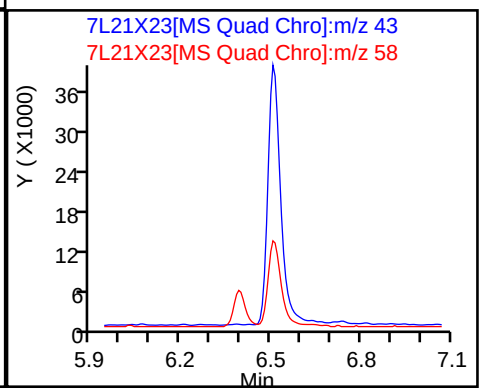












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

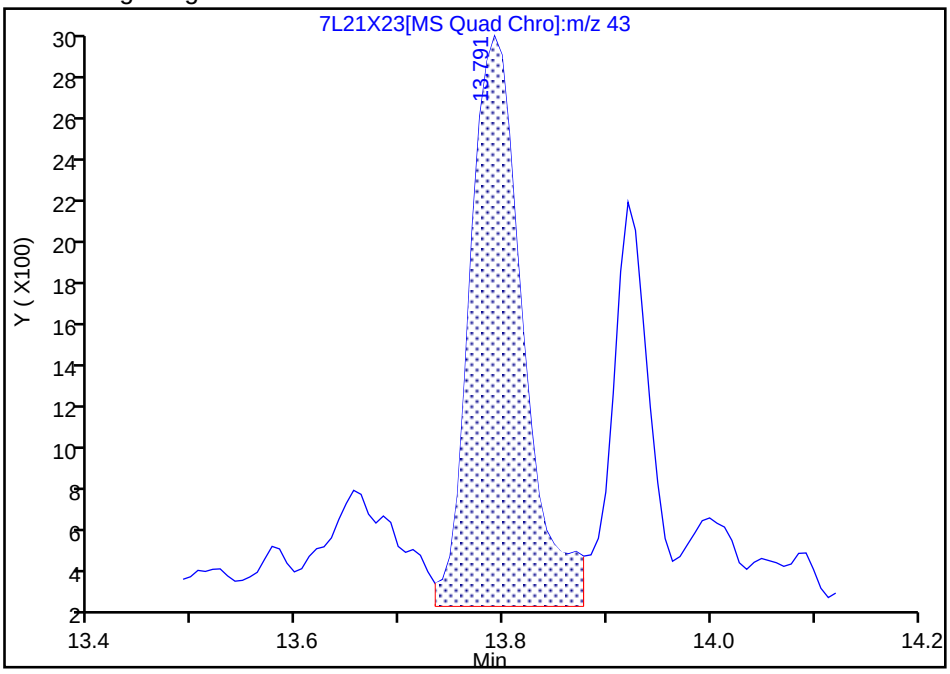
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Injection Date:	22-Jul-2025 16:11:03	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-4	Lab Sample ID:	410-234488-4		
Client ID:	2064				
Operator ID:	al109694	ALS Bottle#:	14	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

70 2-Hexanone, CAS: 591-78-6

Signal: 1

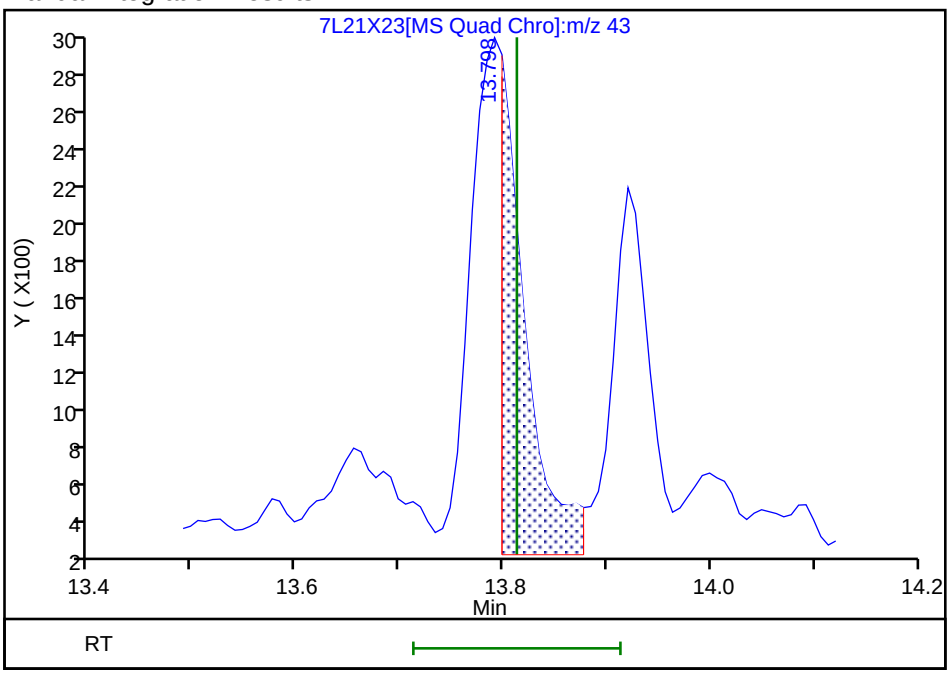
Processing Integration Results

RT: 13.79
Area: 9509
Amount: 0.125201
Amount Units: ppb v/v



Manual Integration Results

RT: 13.80
Area: 4047
Amount: 0.053285
Amount Units: ppb v/v



Reviewer: D7UM, 28-Jul-2025 14:47:29 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

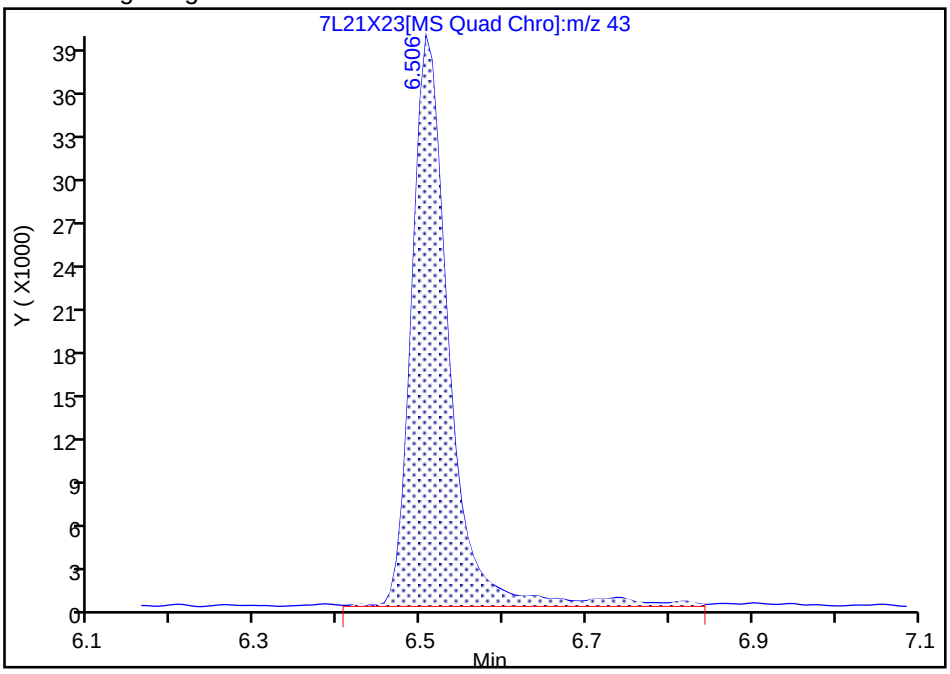
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Injection Date:	22-Jul-2025 16:11:03	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-4	Lab Sample ID:	410-234488-4		
Client ID:	2064				
Operator ID:	al109694	ALS Bottle#:	14	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

Signal: 1

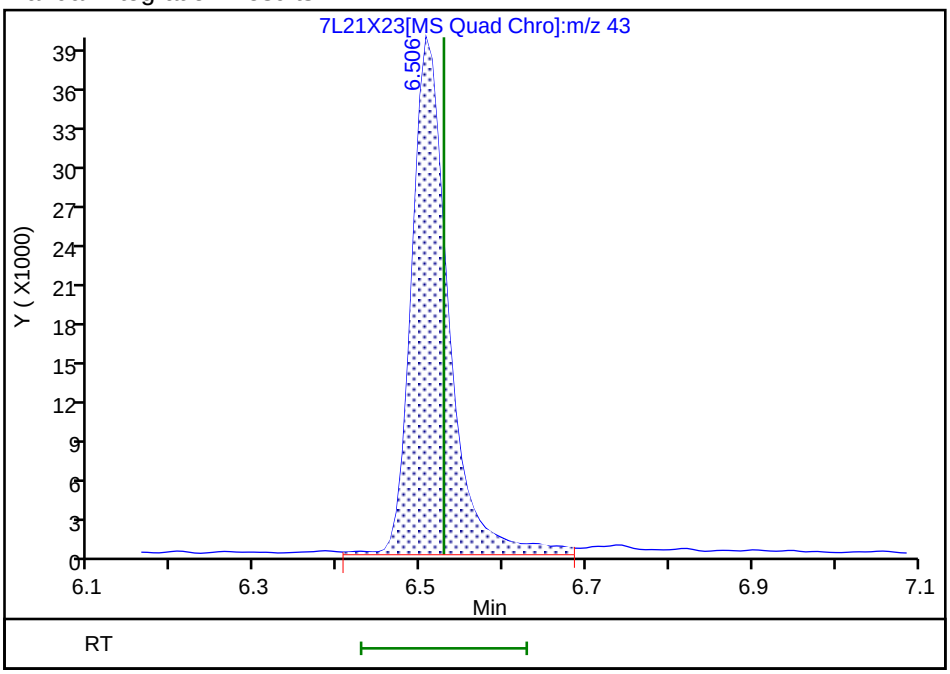
Processing Integration Results

RT: 6.51
Area: 125883
Amount: 2.337414
Amount Units: ppb v/v



Manual Integration Results

RT: 6.51
Area: 121926
Amount: 2.263940
Amount Units: ppb v/v



Reviewer: D7UM, 28-Jul-2025 14:47:10 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

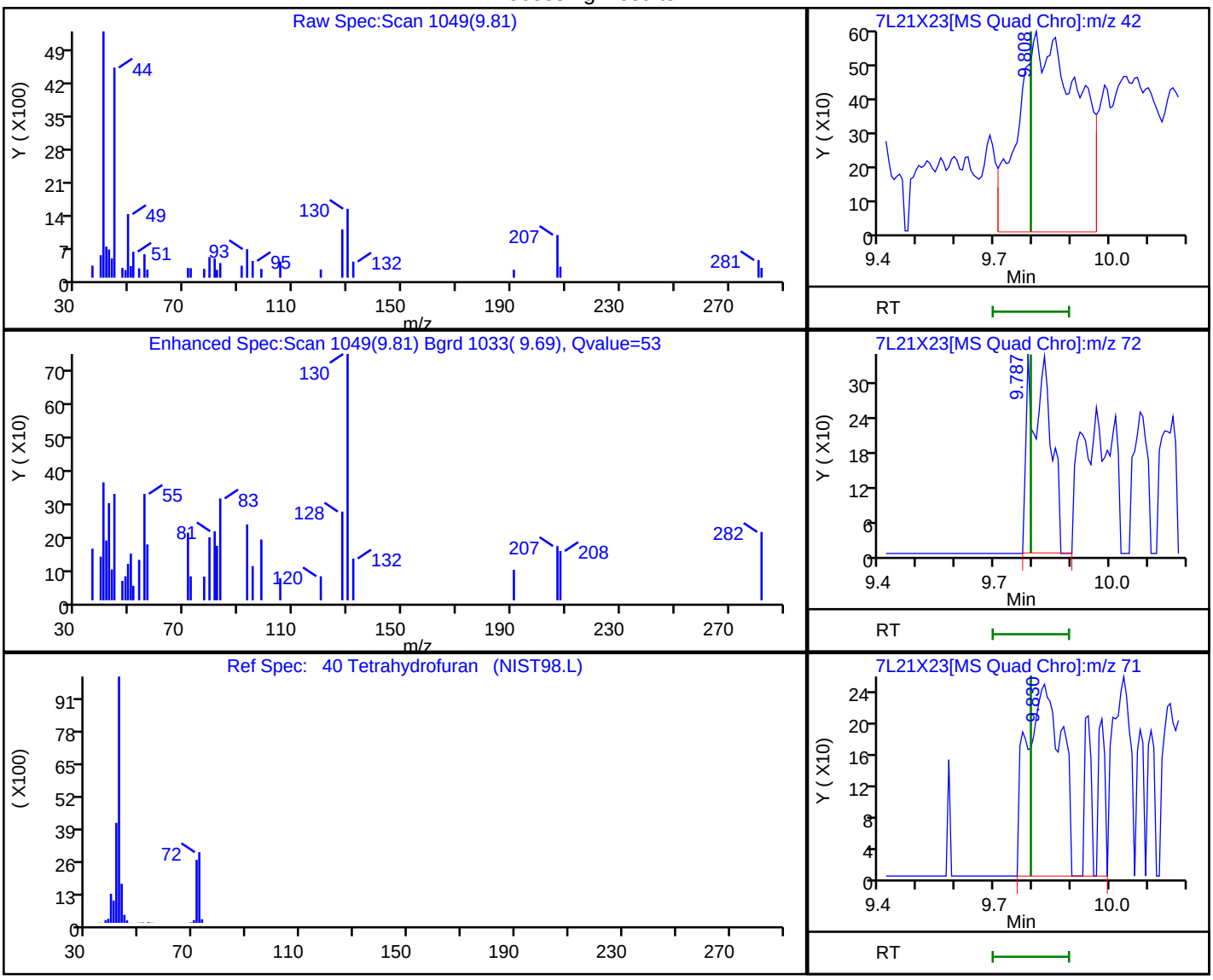
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X23.D				
Injection Date:	22-Jul-2025 16:11:03	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-4	Lab Sample ID:	410-234488-4		
Client ID:	2064				
Operator ID:	al109694	ALS Bottle#:	14	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.81	42.00	6422	0.149958
9.79	72.00	1306	
9.83	71.00	2062	

Reviewer: D7UM, 28-Jul-2025 14:47:19 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2056 Lab Sample ID: 410-234488-5

Matrix: Air Lab File ID: 7L21X24.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 16:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND	H	1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND	H	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND	H	1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND	H	1.0	0.12
75-34-3	1,1-Dichloroethane	ND	H	1.0	0.089
75-35-4	1,1-Dichloroethene	ND	H	1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND	H	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND	H	2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	H	2.0	0.28
106-93-4	1,2-Dibromoethane	ND	H	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND	H	2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND	H	1.0	0.20
107-06-2	1,2-Dichloroethane	ND	H	1.0	0.080
78-87-5	1,2-Dichloropropane	ND	H	1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND	H	2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND	H	1.0	0.20
106-99-0	1,3-Butadiene	ND	H	1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND	H	1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND	H	1.0	0.30
78-93-3	2-Butanone	0.42	J H	1.0	0.21
591-78-6	2-Hexanone	ND	H	2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND	H	1.0	0.10
107-05-1	3-Chloroprene	ND	H	1.0	0.20
622-96-8	4-Ethyltoluene	ND	H	1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND	H	1.0	0.15
67-64-1	Acetone	3.2	J H	5.0	1.0
71-43-2	Benzene	ND	H	1.0	0.11
108-86-1	Bromobenzene	ND	H	1.0	0.20
75-27-4	Bromodichloromethane	ND	H	1.0	0.40
75-25-2	Bromoform	ND	H	1.0	0.40
74-83-9	Bromomethane	ND	H	1.0	0.20
75-15-0	Carbon disulfide	ND	H	1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2056 Lab Sample ID: 410-234488-5

Matrix: Air Lab File ID: 7L21X24.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 16:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND	H	1.0	0.14
108-90-7	Chlorobenzene	ND	H	1.0	0.13
75-45-6	Chlorodifluoromethane	ND	H	1.0	0.40
75-00-3	Chloroethane	ND	H	1.0	0.30
67-66-3	Chloroform	ND	H	1.0	0.092
74-87-3	Chloromethane	ND	H	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND	H	1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND	H	1.0	0.10
593-60-2	Bromoethene	ND	H	1.0	0.18
98-82-8	Cumene	ND	H	1.0	0.24
124-48-1	Dibromochloromethane	ND	H	1.0	0.40
74-95-3	Dibromomethane	ND	H	1.0	0.14
75-71-8	Dichlorodifluoromethane	ND	H	1.0	0.13
75-43-4	Dichlorofluoromethane	ND	H	1.0	0.11
100-41-4	Ethylbenzene	ND	H	1.0	0.19
76-13-1	Freon 113	ND	H	1.0	0.20
76-14-2	Freon-114	ND	H	1.0	0.12
142-82-5	Heptane	ND	H	1.0	0.23
67-72-1	Hexachloroethane	ND	H	2.0	0.27
110-54-3	Hexane	ND	H	1.0	0.30
540-84-1	Isooctane	ND	H	1.0	0.40
179601-23-1	m&p-Xylene	ND	H	1.0	0.26
1634-04-4	Methyl t-butyl ether	ND	H	1.0	0.15
75-09-2	Methylene Chloride	ND	H	2.0	0.25
95-47-6	o-Xylene	ND	H	1.0	0.19
111-65-9	Octane	ND	H	2.0	0.40
109-66-0	Pentane	ND	H	1.0	0.20
100-42-5	Styrene	ND	H	1.0	0.20
127-18-4	Tetrachloroethene	ND	H	2.0	0.25
108-88-3	Toluene	ND	H	1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND	H	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND	H	1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2056 Lab Sample ID: 410-234488-5

Matrix: Air Lab File ID: 7L21X24.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 16:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND	H	1.0	0.18
75-69-4	Trichlorofluoromethane	ND	H	1.0	0.15
75-01-4	Vinyl chloride	ND	H	1.0	0.12
67-63-0	Isopropanol	ND	H	1.0	0.60
91-20-3	Naphthalene	ND	H	2.0	1.0
1330-20-7	Xylenes, Total	ND	H	2.0	0.19
96-33-3	Methyl acrylate	ND	H	1.0	0.20
109-99-9	Tetrahydrofuran	ND	H	1.0	0.24
141-78-6	Ethyl acetate	ND	H	2.0	0.25
80-62-6	Methyl methacrylate	ND	H	1.0	0.15
75-65-0	tert-Butyl alcohol	ND	H	1.0	0.21
100-44-7	Benzyl chloride	ND	H	2.0	0.30
87-68-3	Hexachlorobutadiene	ND	H	2.0	0.47
104-51-8	n-Butylbenzene	ND	H	2.0	0.26
95-49-8	2-Chlorotoluene	ND	H	1.0	0.22
75-05-8	Acetonitrile	ND	H	5.0	0.83
115-07-1	Propene	ND	H	1.0	0.30
123-91-1	1,4-Dioxane	ND	H	1.0	0.17
74-88-4	Iodomethane	ND	H	1.0	0.20
107-13-1	Acrylonitrile	ND	H	1.0	0.20
98-83-9	Alpha Methyl Styrene	ND	H	1.0	0.20
97-63-2	Ethyl methacrylate	ND	H	1.0	0.19
135-98-8	sec-Butylbenzene	ND	H	2.0	0.39
103-65-1	N-Propylbenzene	ND	H	1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND	H	1.0	0.15
108-20-3	di-Isopropyl ether	ND	H	1.0	0.15
110-82-7	Cyclohexane	ND	H	1.0	0.20
107-02-8	Acrolein	ND	H	5.0	0.62
64-17-5	Ethanol	ND	H	5.0	2.0
99-87-6	p-Isopropyltoluene	ND	H	2.0	0.28
140-88-5	Ethyl acrylate	ND	H	1.0	0.16
994-05-8	Tert-amyl methyl ether	ND	H	1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2056 Lab Sample ID: 410-234488-5

Matrix: Air Lab File ID: 7L21X24.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 16:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND	H	1.0	0.16
98-06-6	tert-Butylbenzene	ND	H	5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X24.D
Lims ID: 410-234488-A-5
Client ID: 2056
Sample Type: Client
Inject. Date: 22-Jul-2025 16:45:55 ALS Bottle#: 15 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2056
Misc. Info.: 410-0154125-024
Operator ID: al109694 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 28-Jul-2025 14:56:23 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1662

First Level Reviewer: D7UM Date: 28-Jul-2025 14:49:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.405	3.405	-0.014	94	4302	0.1958	M
13 Pentane	43	5.718	5.718	-0.022	70	3313	0.0568	7M
18 Acetone	43	6.506	6.506	-0.022	98	174895	3.24	
21 Isopropyl alcohol	45	6.728	6.743	-0.015	78	11747	0.2511	
35 2-Butanone (MEK)	72	9.321	9.336	-0.015	98	9214	0.4193	
* 39 Chlorobromomethane (IS)	130	9.751	9.787	-0.036	90	520087	10.0	
* 51 1,4-Difluorobenzene	114	11.341	11.377	-0.036	94	1904522	10.0	
70 2-Hexanone	43	13.798	13.798	-0.015	77	6743	0.0891	7M
* 73 Chlorobenzene-d5 (IS)	117	14.543	14.558	-0.015	86	1778809	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

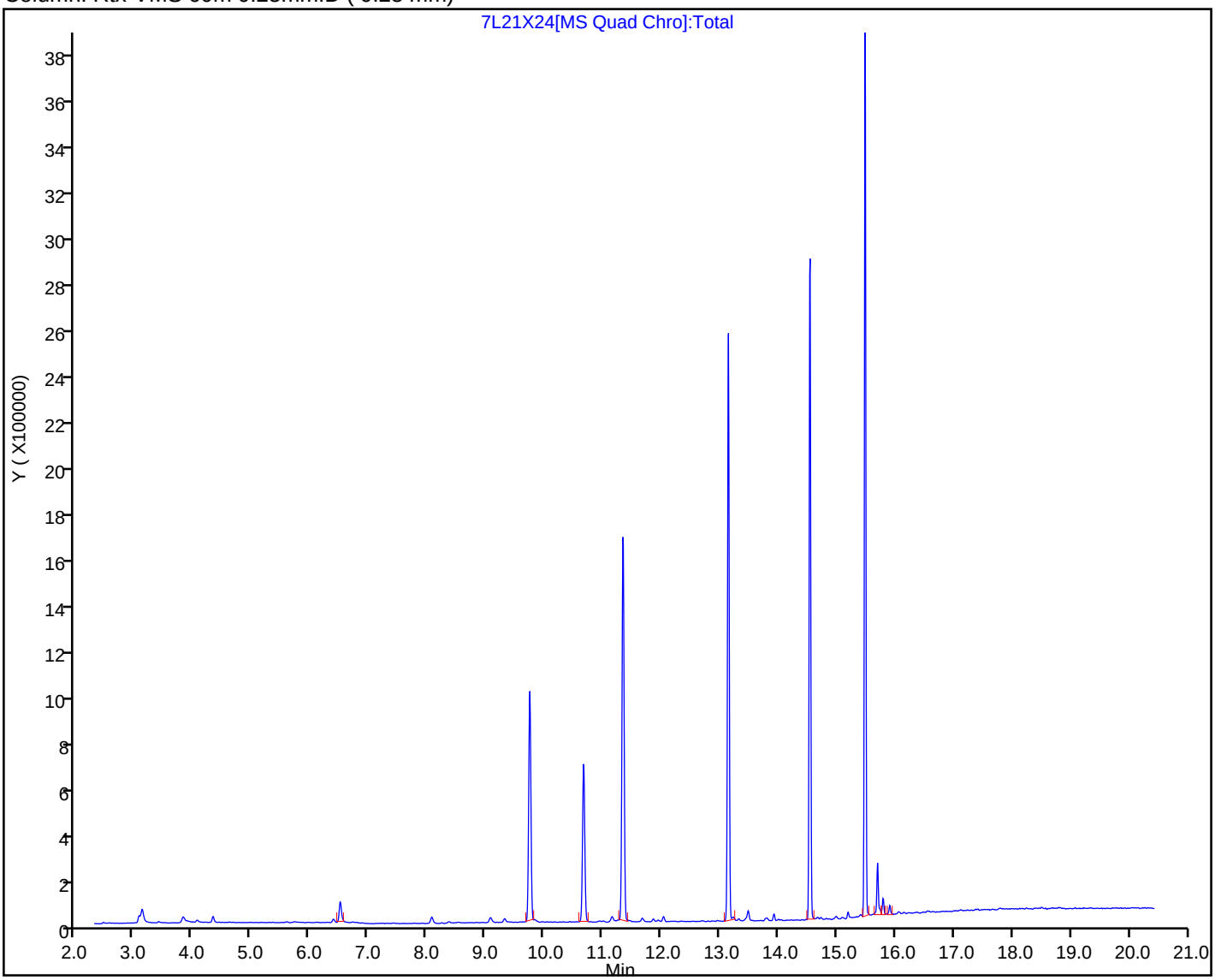
AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 29-Jul-2025 11:20:37 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X24.D				
Injection Date:	22-Jul-2025 16:45:55	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-5	Lab Sample ID:	410-234488-5		
Client ID:	2056				
Operator ID:	al109694	ALS Bottle#:	15	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

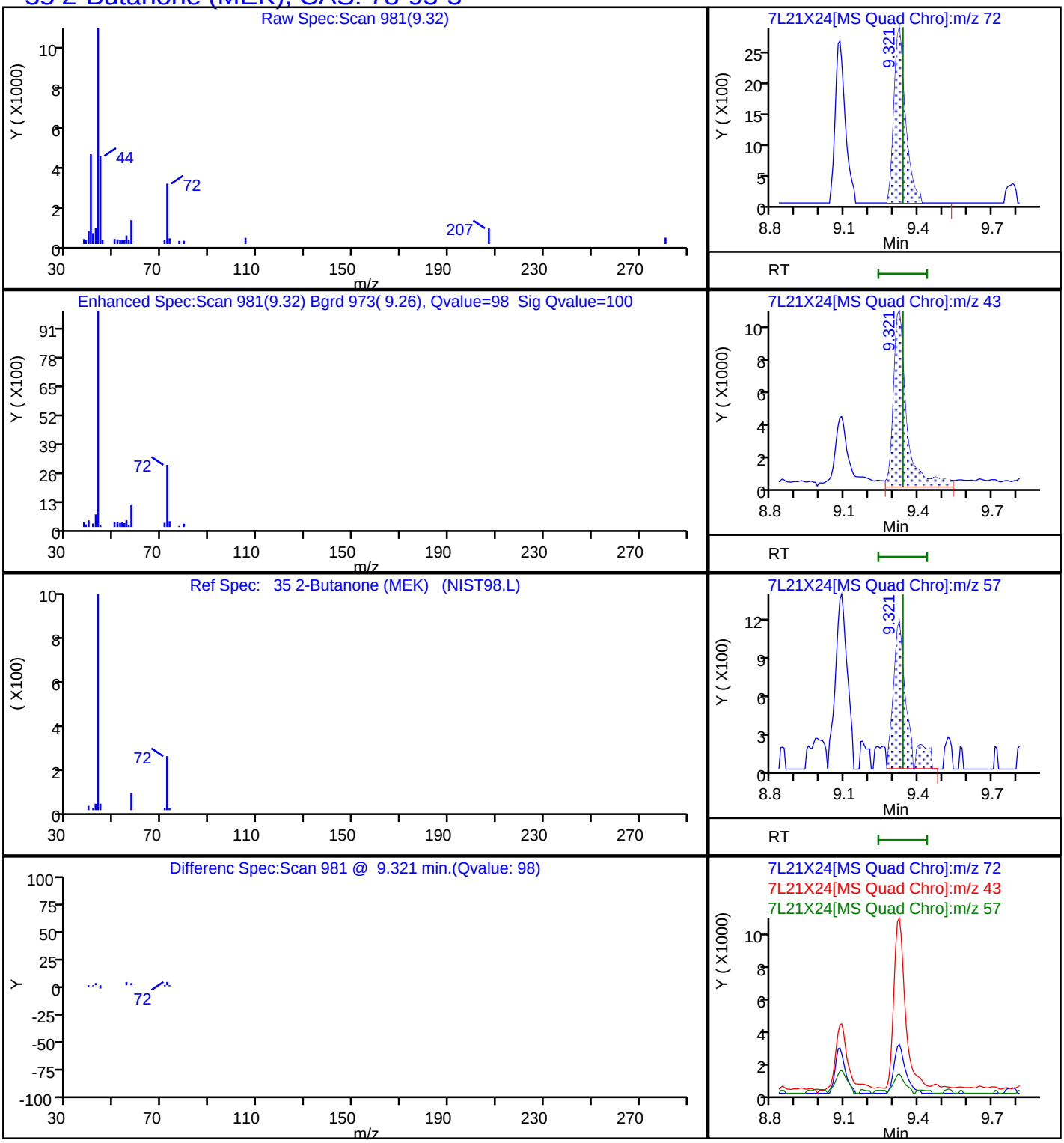


Report Date: 29-Jul-2025 11:20:38 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X24.D				
Injection Date:	22-Jul-2025 16:45:55	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-5	Lab Sample ID:	410-234488-5		
Client ID:	2056				
Operator ID:	al109694	ALS Bottle#:	15	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

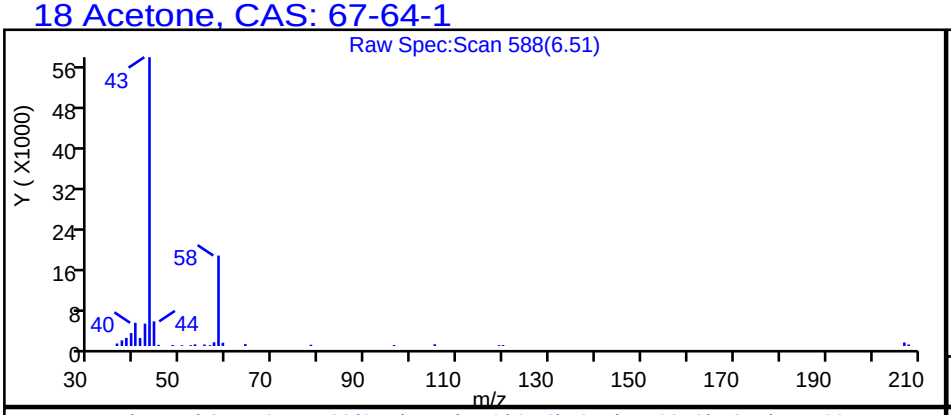


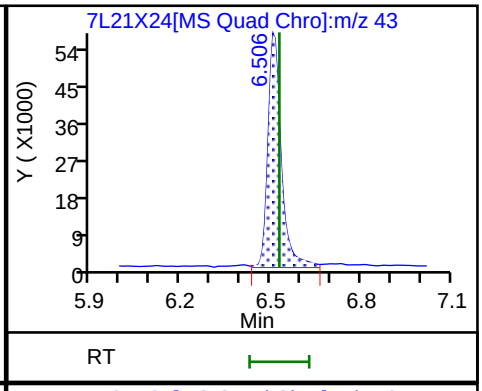
Report Date: 29-Jul-2025 11:20:38 Chrom Revision: 2.3 25-Jul-2025 13:52:40

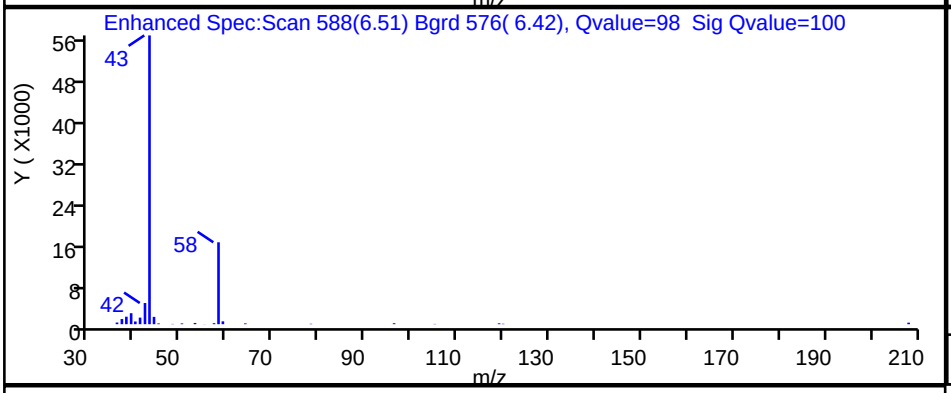
Eurofins Lancaster Laboratories Environment Testing, LLC

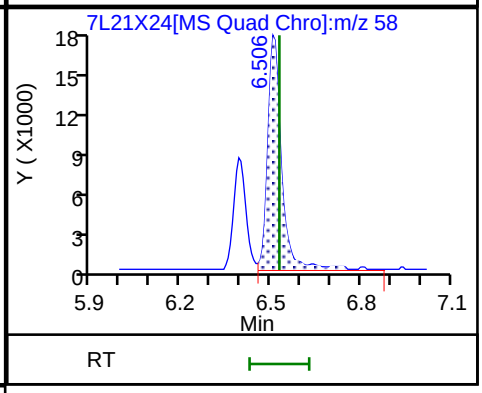
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Injection Date:	22-Jul-2025 16:45:55	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-5	Lab Sample ID:	410-234488-5		
Client ID:	2056				
Operator ID:	al109694	ALS Bottle#:	15	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

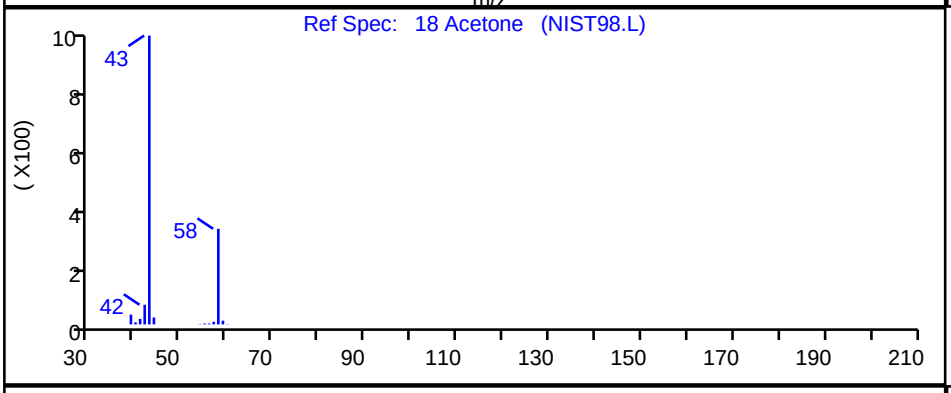
18 Acetone, CAS: 67-64-1

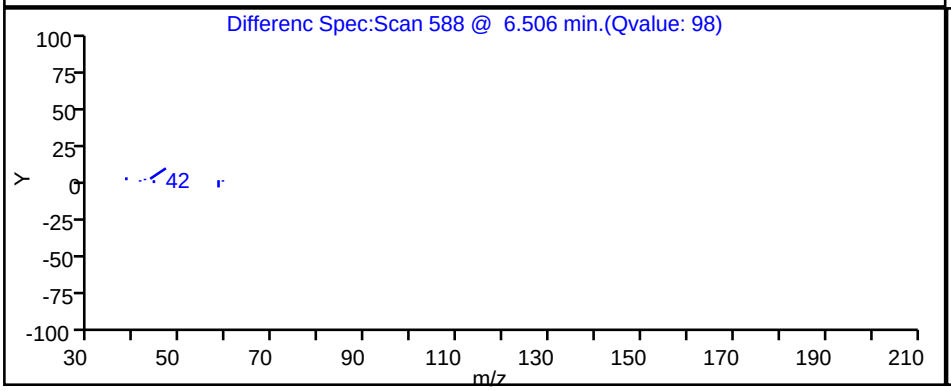


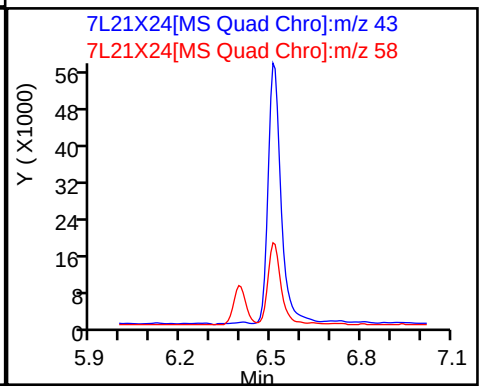












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

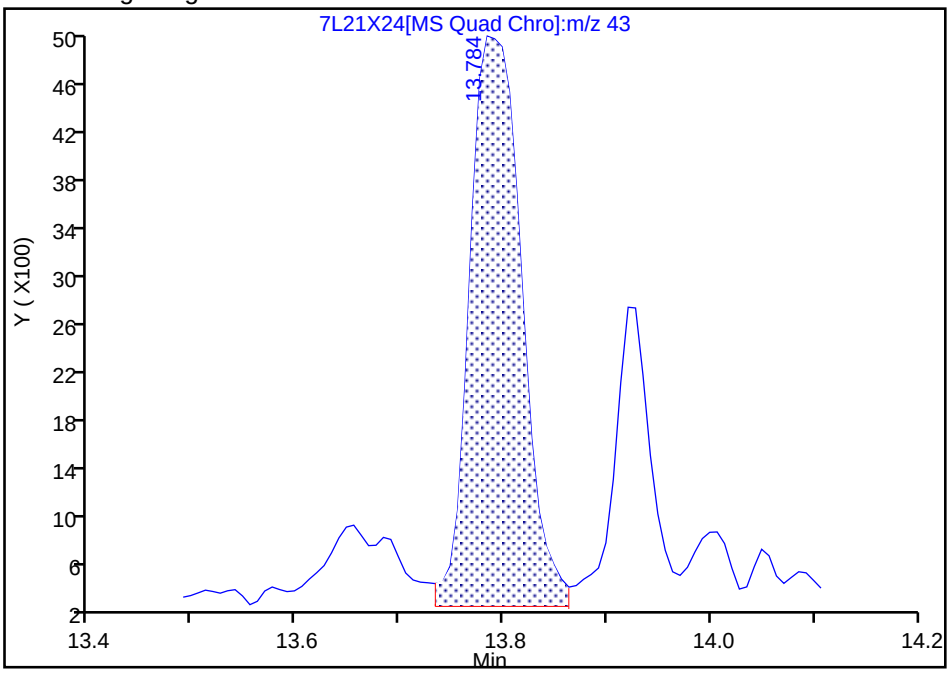
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Injection Date:	22-Jul-2025 16:45:55	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-5	Lab Sample ID:	410-234488-5		
Client ID:	2056				
Operator ID:	al109694	ALS Bottle#:	15	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

70 2-Hexanone, CAS: 591-78-6

Signal: 1

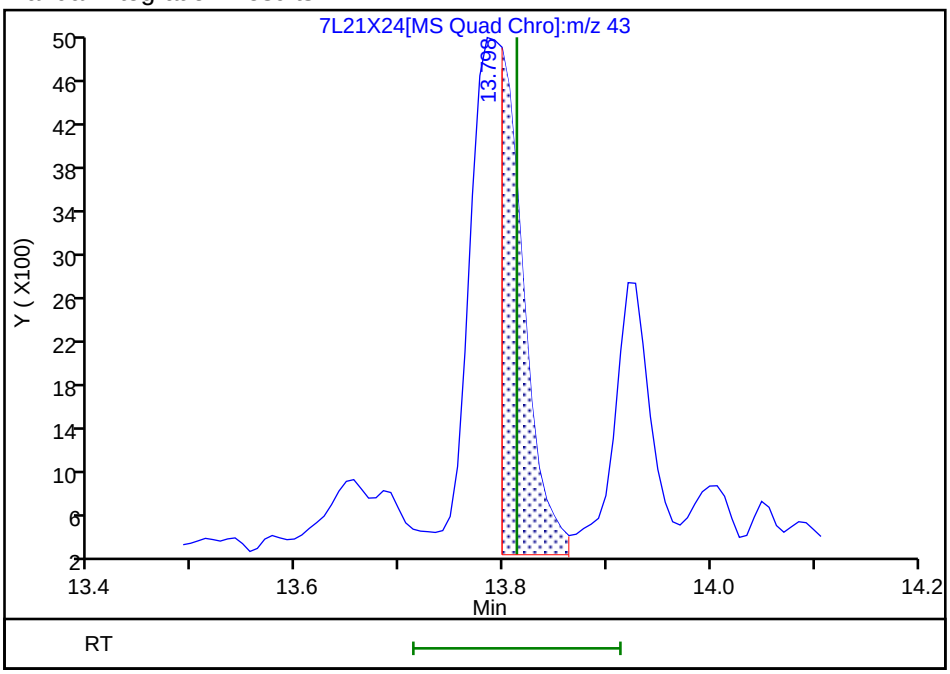
Processing Integration Results

RT: 13.78
Area: 16484
Amount: 0.217811
Amount Units: ppb v/v



Manual Integration Results

RT: 13.80
Area: 6743
Amount: 0.089098
Amount Units: ppb v/v



Reviewer: D7UM, 28-Jul-2025 14:48:59 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

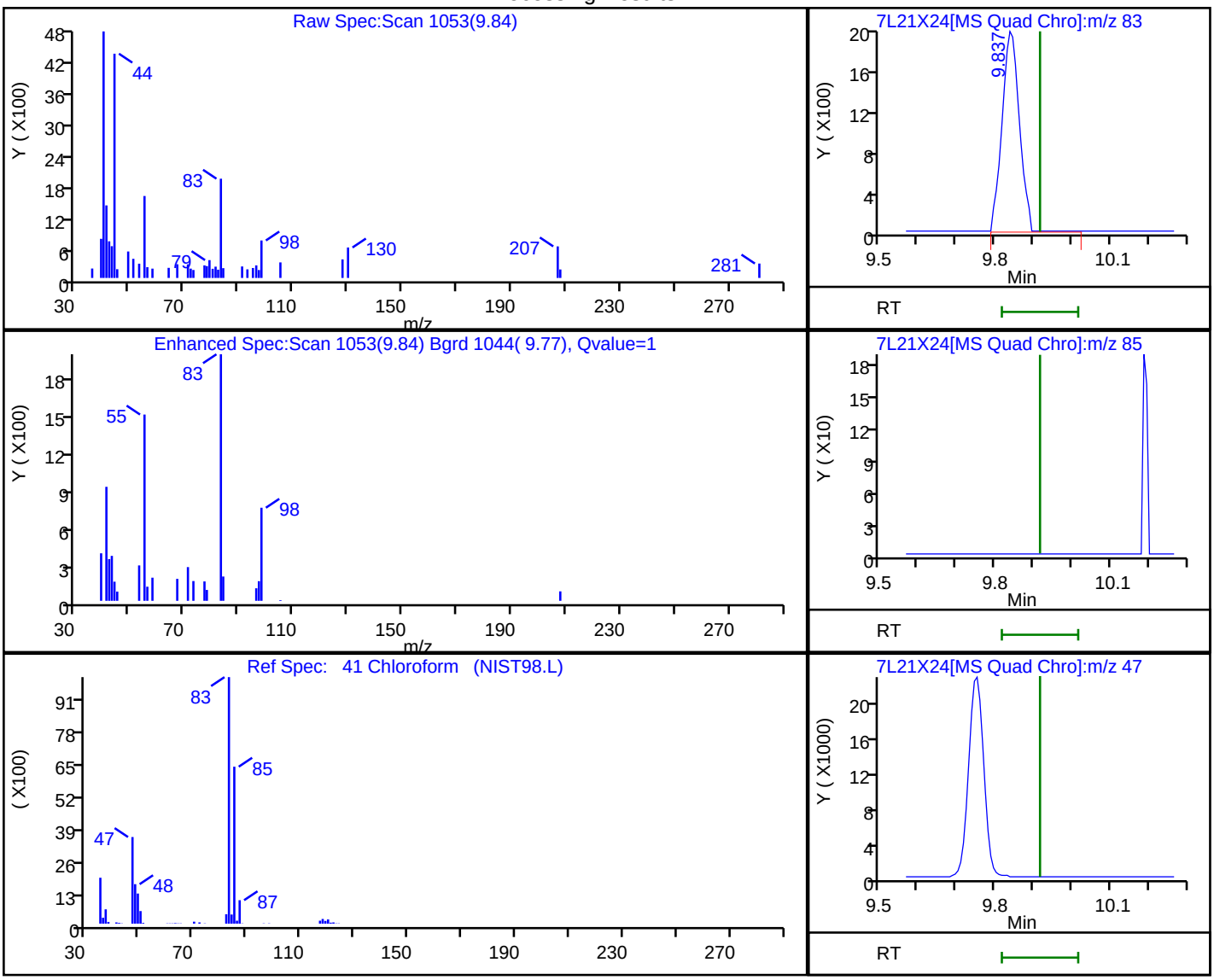
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X24.D				
Injection Date:	22-Jul-2025 16:45:55	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-5	Lab Sample ID:	410-234488-5		
Client ID:	2056				
Operator ID:	al109694	ALS Bottle#:	15	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

41 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
9.84	83.00	5991	0.065024
9.92	85.00	0	
9.92	47.00	0	

Reviewer: D7UM, 28-Jul-2025 14:48:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

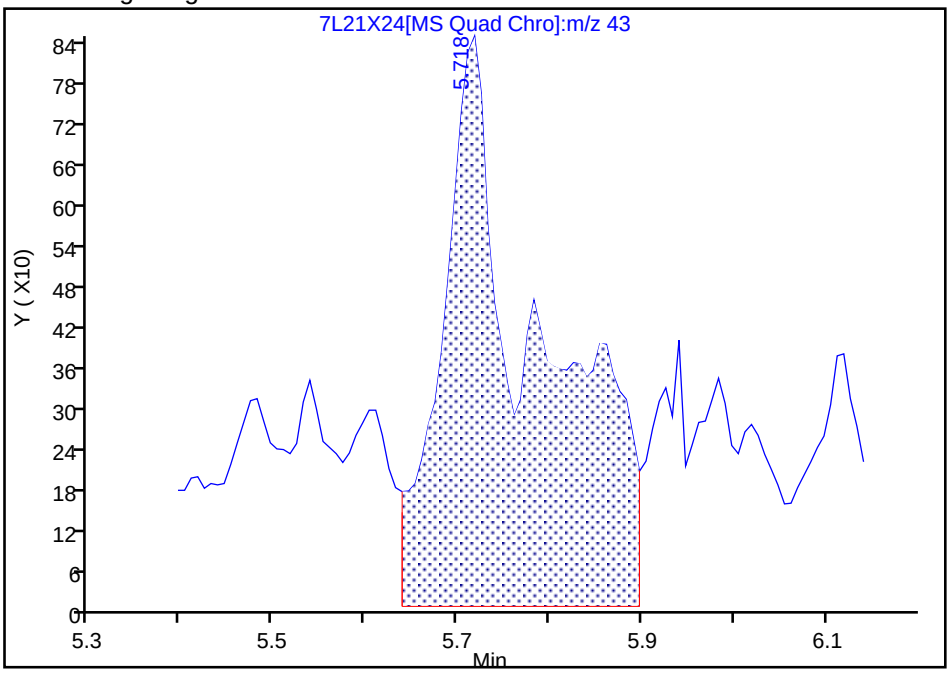
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Injection Date:	22-Jul-2025 16:45:55	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-5	Lab Sample ID:	410-234488-5		
Client ID:	2056				
Operator ID:	al109694	ALS Bottle#:	15	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

13 Pentane, CAS: 109-66-0

Signal: 1

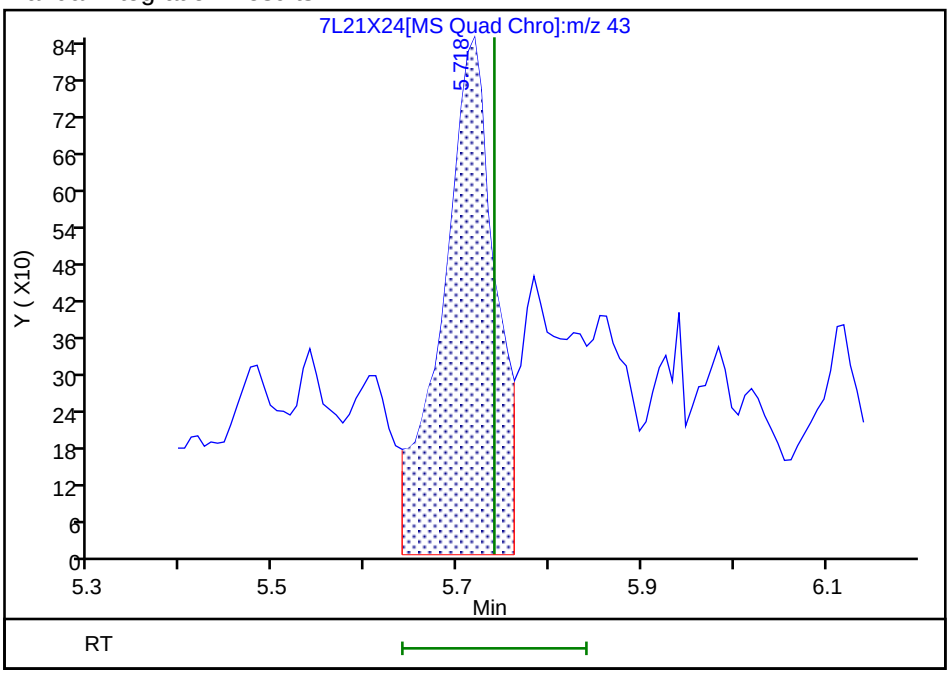
Processing Integration Results

RT: 5.72
Area: 6159
Amount: 0.105532
Amount Units: ppb v/v



Manual Integration Results

RT: 5.72
Area: 3313
Amount: 0.056767
Amount Units: ppb v/v



Reviewer: D7UM, 28-Jul-2025 14:48:25 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

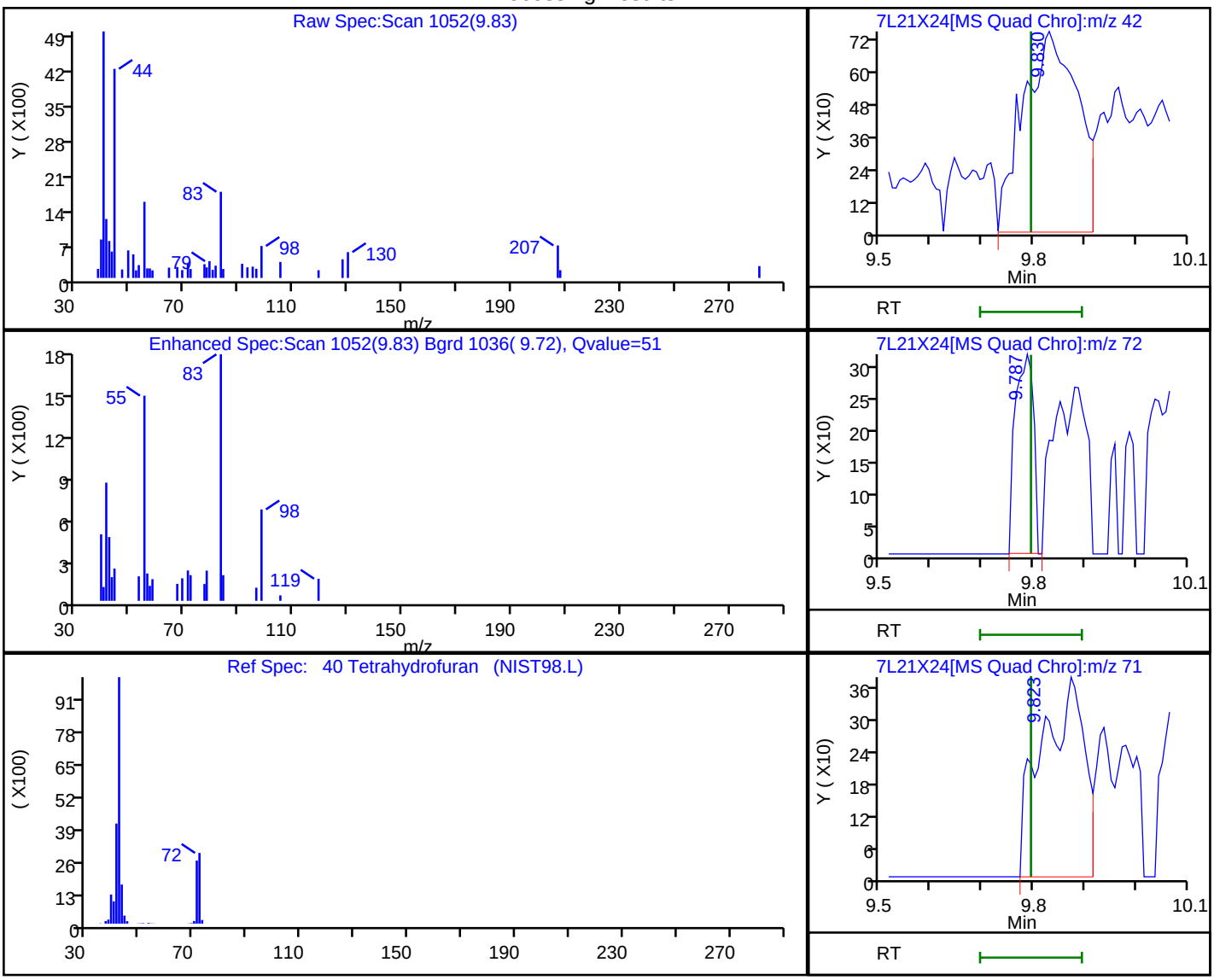
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X24.D				
Injection Date:	22-Jul-2025 16:45:55	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-5	Lab Sample ID:	410-234488-5		
Client ID:	2056				
Operator ID:	al109694	ALS Bottle#:	15	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.83	42.00	5427	0.126526
9.79	72.00	784	
9.82	71.00	2144	

Reviewer: D7UM, 28-Jul-2025 14:48:39 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

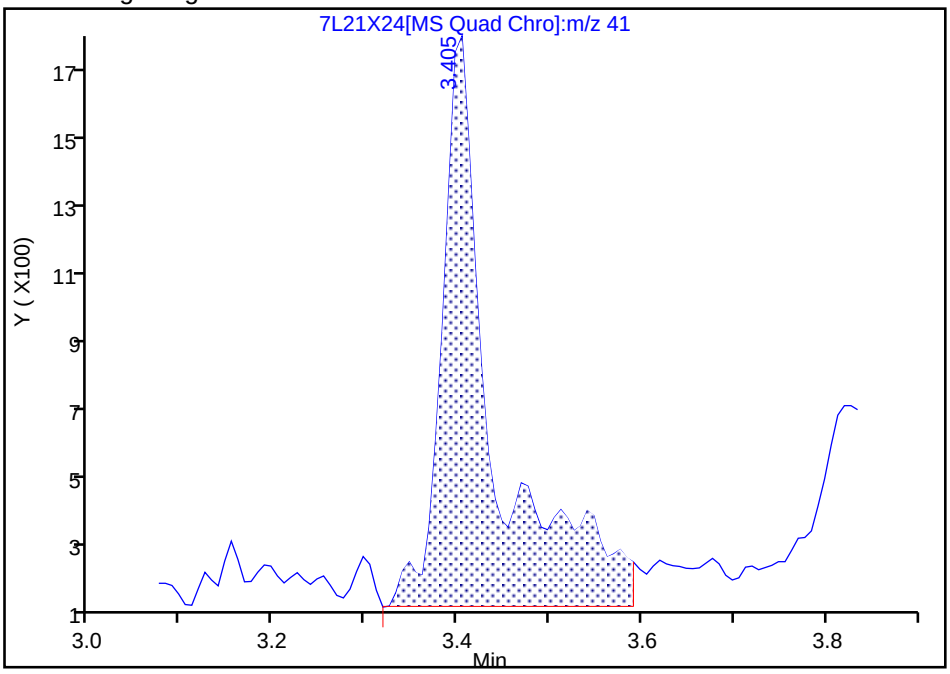
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Injection Date:	22-Jul-2025 16:45:55	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-5	Lab Sample ID:	410-234488-5		
Client ID:	2056				
Operator ID:	al109694	ALS Bottle#:	15	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

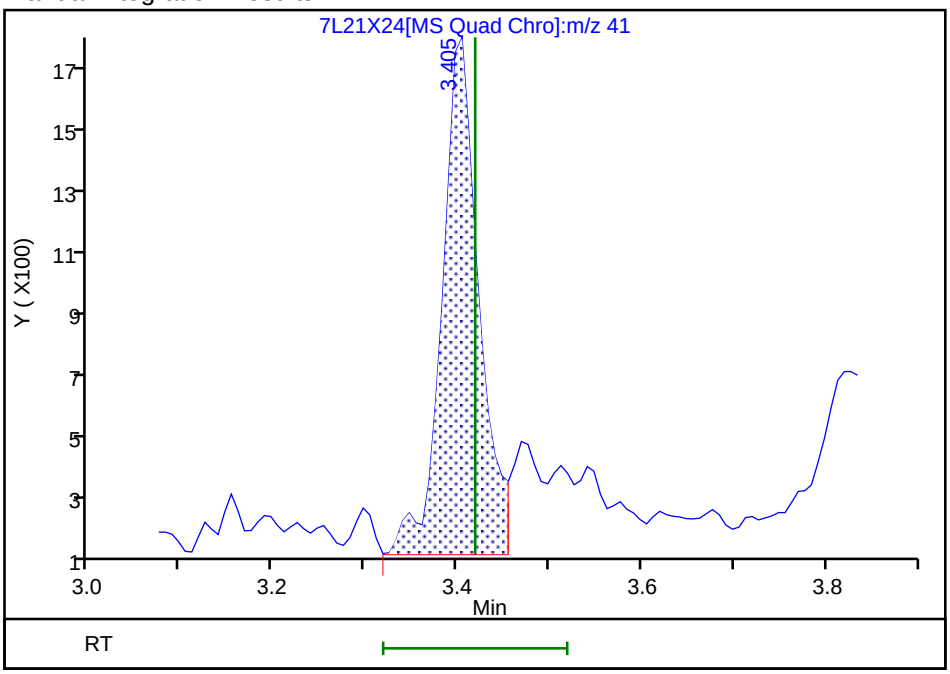
Processing Integration Results

RT: 3.40
Area: 6130
Amount: 0.279065
Amount Units: ppb v/v



Manual Integration Results

RT: 3.40
Area: 4302
Amount: 0.195846
Amount Units: ppb v/v



Reviewer: D7UM, 28-Jul-2025 14:48:08 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

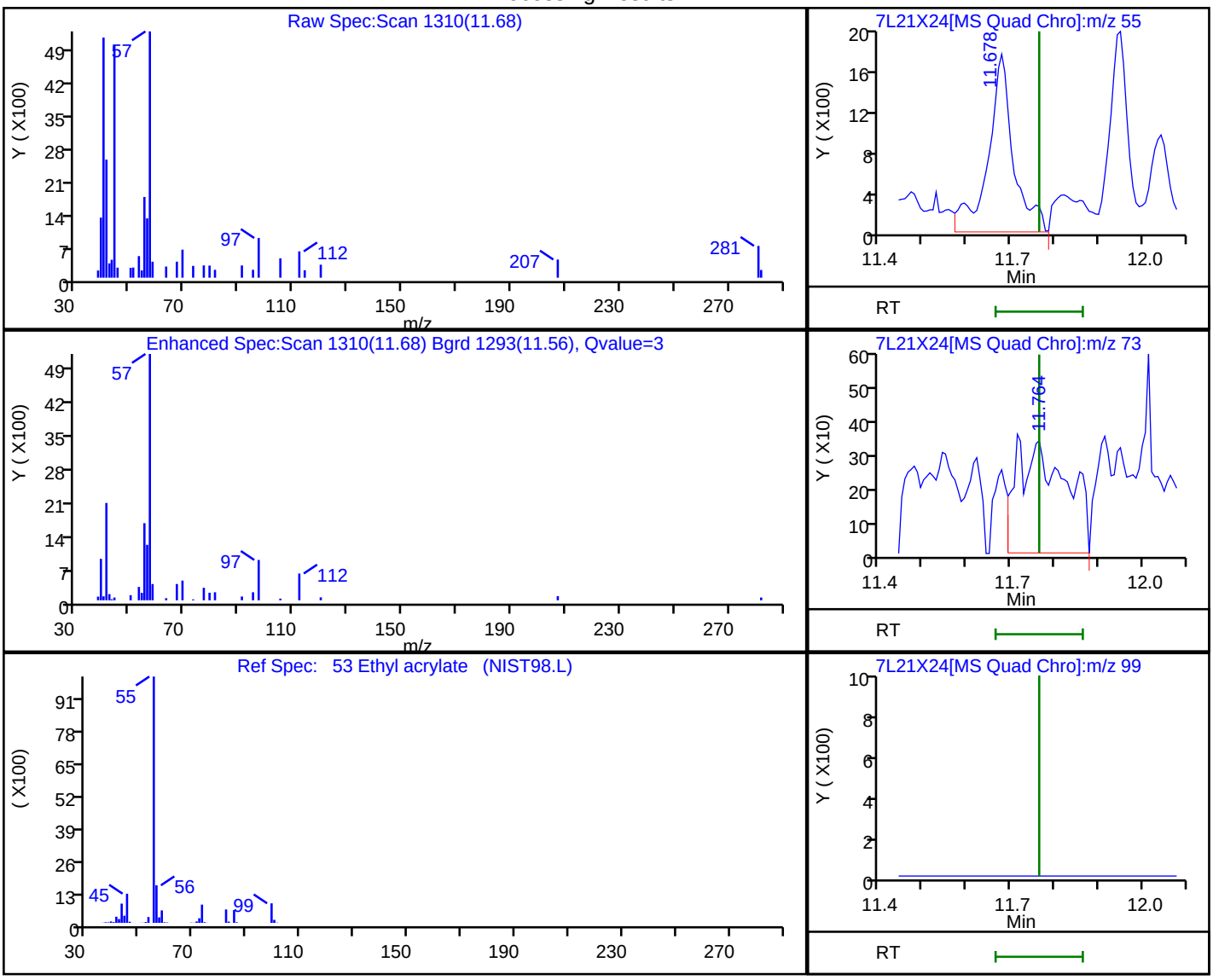
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X24.D				
Injection Date:	22-Jul-2025 16:45:55	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-5	Lab Sample ID:	410-234488-5		
Client ID:	2056				
Operator ID:	al109694	ALS Bottle#:	15	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

53 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
11.68	55.00	6741	0.082702
11.76	73.00	2616	
11.76	99.00	0	

Reviewer: D7UM, 28-Jul-2025 14:48:52 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2055 Lab Sample ID: 410-234488-6

Matrix: Air Lab File ID: 7L21X25.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 17:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND	H	1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND	H	1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND	H	1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND	H	1.0	0.12
75-34-3	1,1-Dichloroethane	ND	H	1.0	0.089
75-35-4	1,1-Dichloroethene	ND	H	1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND	H	1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND	H	2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND	H	2.0	0.28
106-93-4	1,2-Dibromoethane	ND	H	1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND	H	2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND	H	1.0	0.20
107-06-2	1,2-Dichloroethane	ND	H	1.0	0.080
78-87-5	1,2-Dichloropropane	ND	H	1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND	H	2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND	H	1.0	0.20
106-99-0	1,3-Butadiene	ND	H	1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND	H	1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND	H	1.0	0.30
78-93-3	2-Butanone	0.21	J H	1.0	0.21
591-78-6	2-Hexanone	ND	H	2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND	H	1.0	0.10
107-05-1	3-Chloroprene	ND	H	1.0	0.20
622-96-8	4-Ethyltoluene	ND	H	1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND	H	1.0	0.15
67-64-1	Acetone	1.4	J H	5.0	1.0
71-43-2	Benzene	ND	H	1.0	0.11
108-86-1	Bromobenzene	ND	H	1.0	0.20
75-27-4	Bromodichloromethane	ND	H	1.0	0.40
75-25-2	Bromoform	ND	H	1.0	0.40
74-83-9	Bromomethane	ND	H	1.0	0.20
75-15-0	Carbon disulfide	ND	H	1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2055 Lab Sample ID: 410-234488-6

Matrix: Air Lab File ID: 7L21X25.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 17:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND	H	1.0	0.14
108-90-7	Chlorobenzene	ND	H	1.0	0.13
75-45-6	Chlorodifluoromethane	ND	H	1.0	0.40
75-00-3	Chloroethane	ND	H	1.0	0.30
67-66-3	Chloroform	ND	H	1.0	0.092
74-87-3	Chloromethane	ND	H	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND	H	1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND	H	1.0	0.10
593-60-2	Bromoethene	ND	H	1.0	0.18
98-82-8	Cumene	ND	H	1.0	0.24
124-48-1	Dibromochloromethane	ND	H	1.0	0.40
74-95-3	Dibromomethane	ND	H	1.0	0.14
75-71-8	Dichlorodifluoromethane	ND	H	1.0	0.13
75-43-4	Dichlorofluoromethane	ND	H	1.0	0.11
100-41-4	Ethylbenzene	ND	H	1.0	0.19
76-13-1	Freon 113	ND	H	1.0	0.20
76-14-2	Freon-114	ND	H	1.0	0.12
142-82-5	Heptane	ND	H	1.0	0.23
67-72-1	Hexachloroethane	ND	H	2.0	0.27
110-54-3	Hexane	ND	H	1.0	0.30
540-84-1	Isooctane	ND	H	1.0	0.40
179601-23-1	m&p-Xylene	ND	H	1.0	0.26
1634-04-4	Methyl t-butyl ether	ND	H	1.0	0.15
75-09-2	Methylene Chloride	ND	H	2.0	0.25
95-47-6	o-Xylene	ND	H	1.0	0.19
111-65-9	Octane	ND	H	2.0	0.40
109-66-0	Pentane	ND	H	1.0	0.20
100-42-5	Styrene	ND	H	1.0	0.20
127-18-4	Tetrachloroethene	ND	H	2.0	0.25
108-88-3	Toluene	ND	H	1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND	H	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND	H	1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2055 Lab Sample ID: 410-234488-6

Matrix: Air Lab File ID: 7L21X25.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 17:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND	H	1.0	0.18
75-69-4	Trichlorofluoromethane	ND	H	1.0	0.15
75-01-4	Vinyl chloride	ND	H	1.0	0.12
67-63-0	Isopropanol	ND	H	1.0	0.60
91-20-3	Naphthalene	ND	H	2.0	1.0
1330-20-7	Xylenes, Total	ND	H	2.0	0.19
96-33-3	Methyl acrylate	ND	H	1.0	0.20
109-99-9	Tetrahydrofuran	ND	H	1.0	0.24
141-78-6	Ethyl acetate	ND	H	2.0	0.25
80-62-6	Methyl methacrylate	ND	H	1.0	0.15
75-65-0	tert-Butyl alcohol	ND	H	1.0	0.21
100-44-7	Benzyl chloride	ND	H	2.0	0.30
87-68-3	Hexachlorobutadiene	ND	H	2.0	0.47
104-51-8	n-Butylbenzene	ND	H	2.0	0.26
95-49-8	2-Chlorotoluene	ND	H	1.0	0.22
75-05-8	Acetonitrile	ND	H	5.0	0.83
115-07-1	Propene	ND	H	1.0	0.30
123-91-1	1,4-Dioxane	ND	H	1.0	0.17
74-88-4	Iodomethane	ND	H	1.0	0.20
107-13-1	Acrylonitrile	ND	H	1.0	0.20
98-83-9	Alpha Methyl Styrene	ND	H	1.0	0.20
97-63-2	Ethyl methacrylate	ND	H	1.0	0.19
135-98-8	sec-Butylbenzene	ND	H	2.0	0.39
103-65-1	N-Propylbenzene	ND	H	1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND	H	1.0	0.15
108-20-3	di-Isopropyl ether	ND	H	1.0	0.15
110-82-7	Cyclohexane	ND	H	1.0	0.20
107-02-8	Acrolein	ND	H	5.0	0.62
64-17-5	Ethanol	ND	H	5.0	2.0
99-87-6	p-Isopropyltoluene	ND	H	2.0	0.28
140-88-5	Ethyl acrylate	ND	H	1.0	0.16
994-05-8	Tert-amyl methyl ether	ND	H	1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-234488-1

SDG No.:

Client Sample ID: 2055 Lab Sample ID: 410-234488-6

Matrix: Air Lab File ID: 7L21X25.D

Analysis Method: TO-15 Date Collected: 05/15/2025 16:32

Sample wt/vol: 200(mL) Date Analyzed: 07/22/2025 17:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 674225 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND	H	1.0	0.16
98-06-6	tert-Butylbenzene	ND	H	5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X25.D				
Lims ID:	410-234488-A-6				
Client ID:	2055				
Sample Type:	Client				
Inject. Date:	22-Jul-2025 17:21:59	ALS Bottle#:	16	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc2055				
Misc. Info.:	410-0154125-025				
Operator ID:	al109694	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	28-Jul-2025 14:56:23	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1662				
First Level Reviewer: D7UM		Date:	28-Jul-2025 14:56:23		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.405	3.405	-0.014	77	3118	0.1421	
18 Acetone	43	6.513	6.506	-0.015	98	78040	1.45	
21 Isopropyl alcohol	45	6.728	6.743	-0.015	63	8700	0.1861	
35 2-Butanone (MEK)	72	9.321	9.336	-0.015	91	4586	0.2089	
* 39 Chlorobromomethane (IS)	130	9.751	9.787	-0.036	91	519543	10.0	
* 51 1,4-Difluorobenzene	114	11.349	11.377	-0.028	94	1932991	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.543	14.558	-0.015	86	1787282	10.0	

QC Flag Legend

Processing Flags

Reagents:

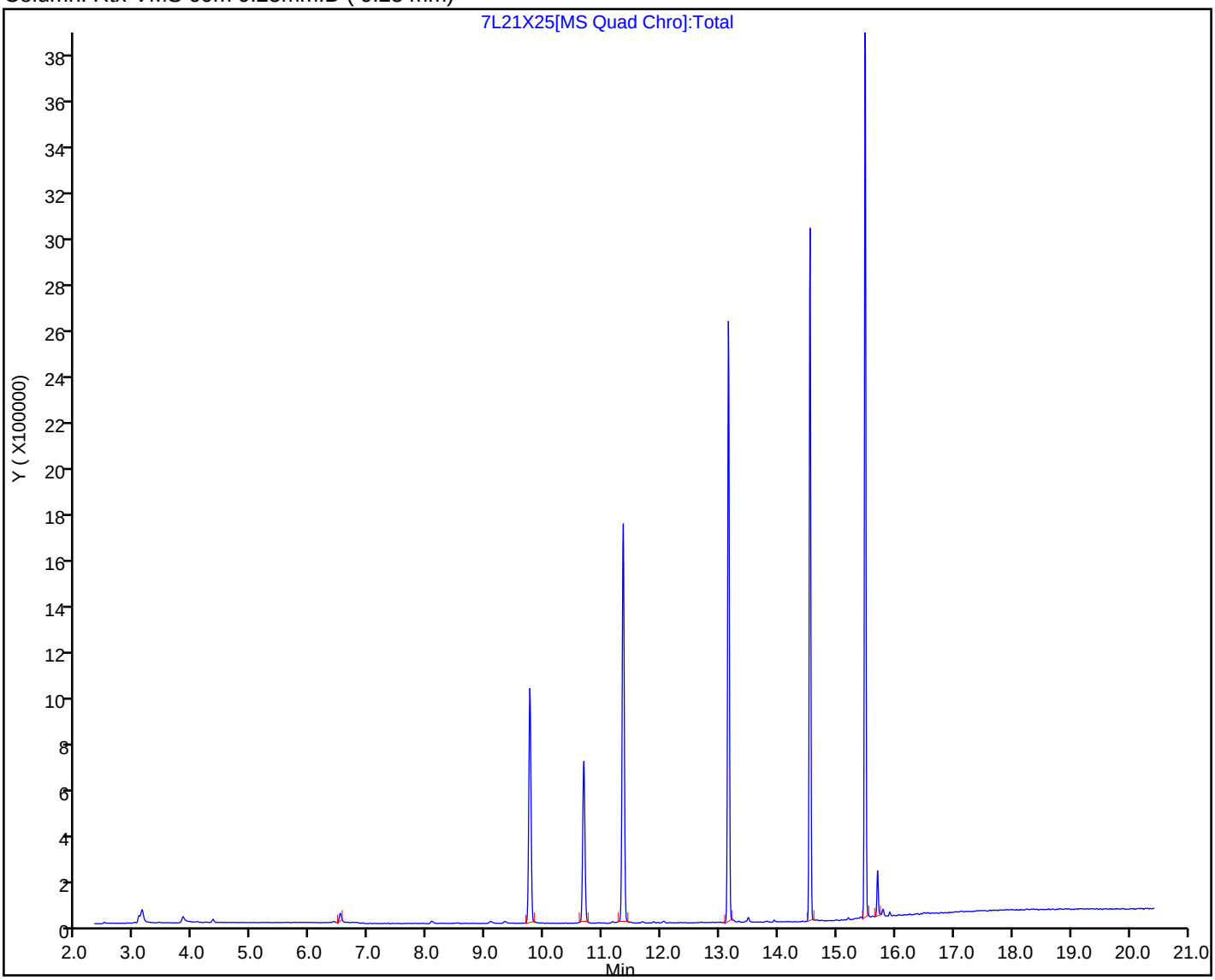
AIRIS200 ppb_00498 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 29-Jul-2025 11:20:40 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X25.D				
Injection Date:	22-Jul-2025 17:21:59	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-6	Lab Sample ID:	410-234488-6		
Client ID:	2055				
Operator ID:	al109694	ALS Bottle#:	16	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

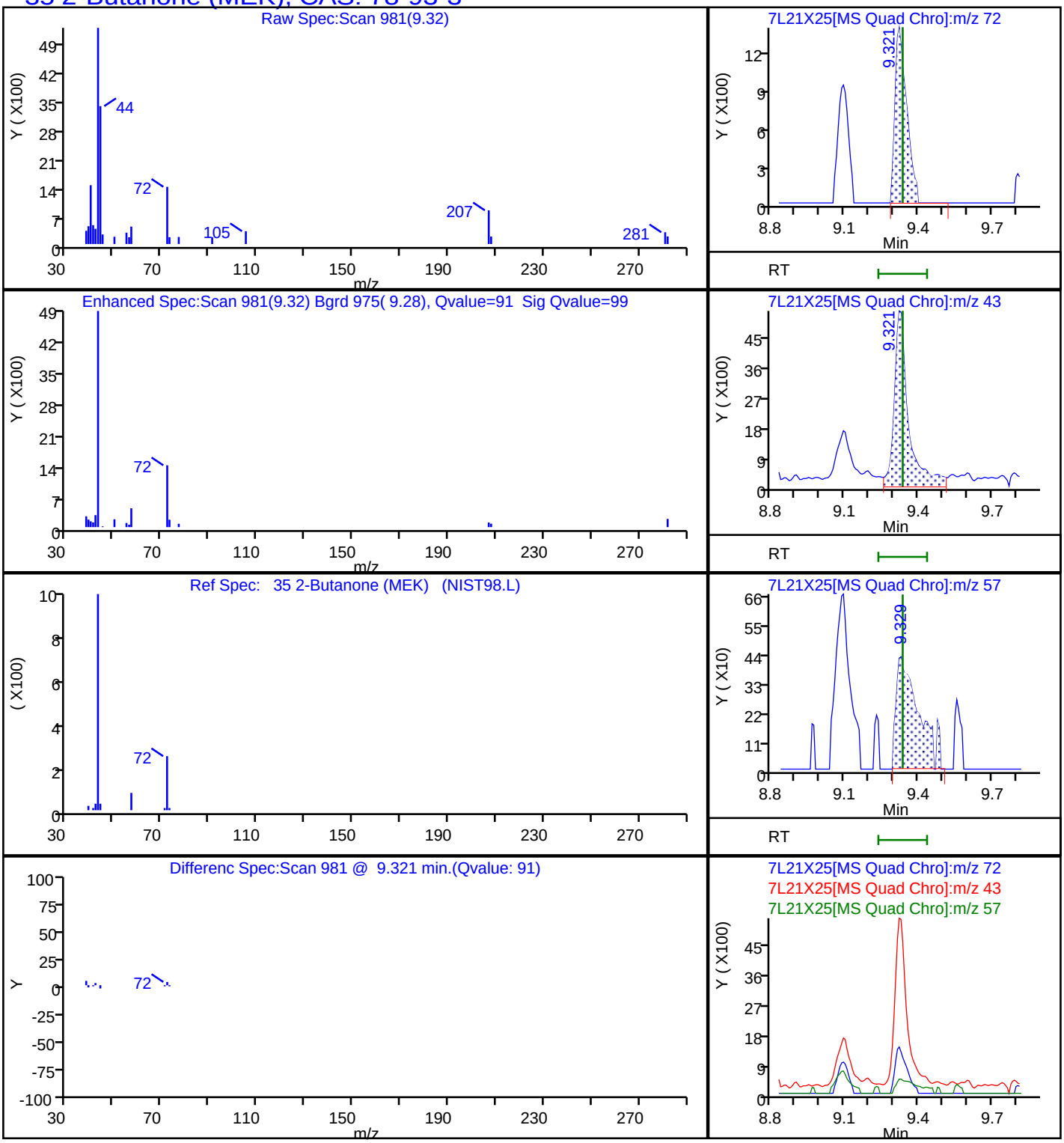


Report Date: 29-Jul-2025 11:20:40 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X25.D				
Injection Date:	22-Jul-2025 17:21:59	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-6	Lab Sample ID:	410-234488-6		
Client ID:	2055				
Operator ID:	al109694	ALS Bottle#:	16	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

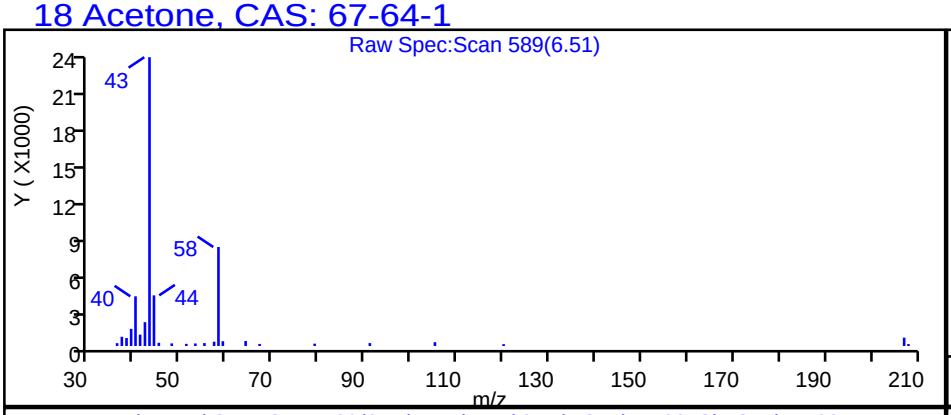


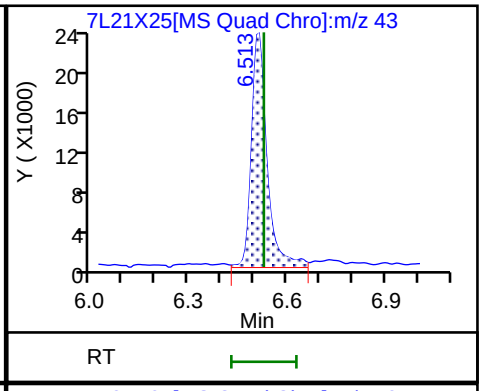
Report Date: 29-Jul-2025 11:20:40 Chrom Revision: 2.3 25-Jul-2025 13:52:40

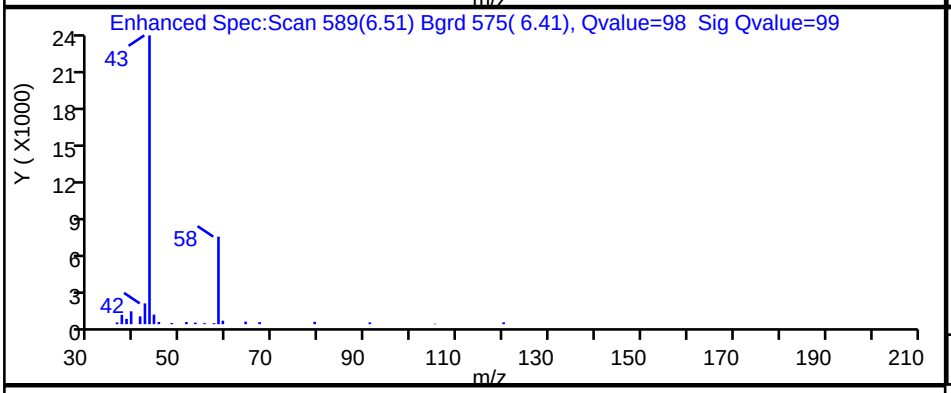
Eurofins Lancaster Laboratories Environment Testing, LLC

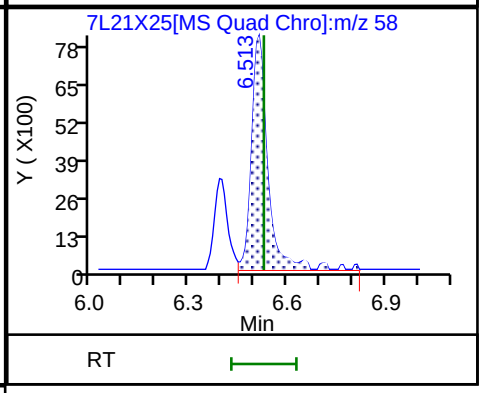
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Injection Date:	22-Jul-2025 17:21:59	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-6	Lab Sample ID:	410-234488-6		
Client ID:	2055				
Operator ID:	al109694	ALS Bottle#:	16	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

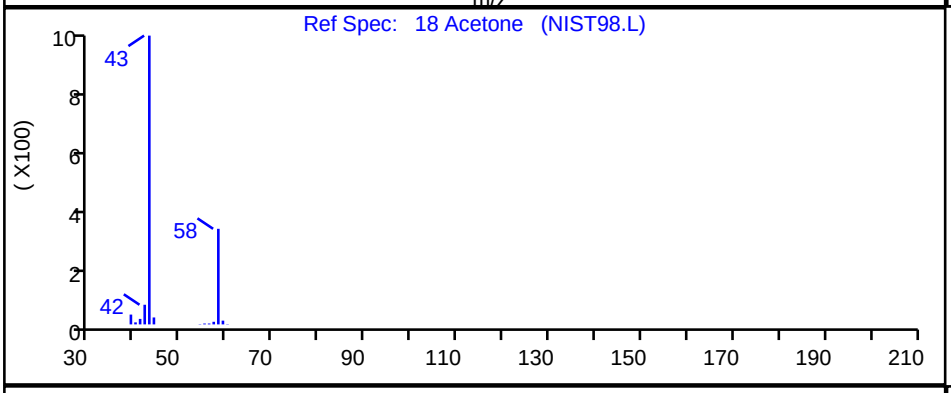
18 Acetone, CAS: 67-64-1

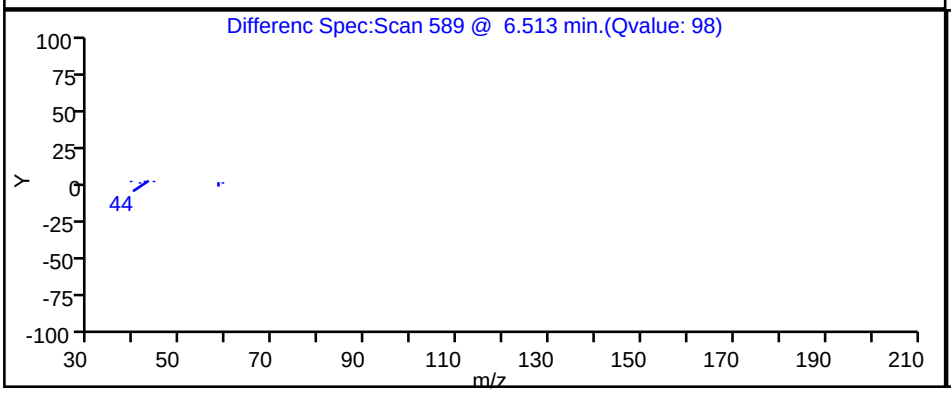


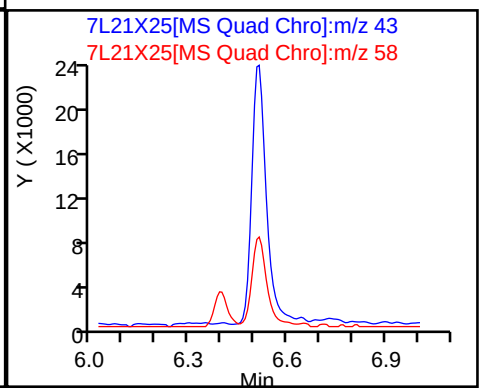












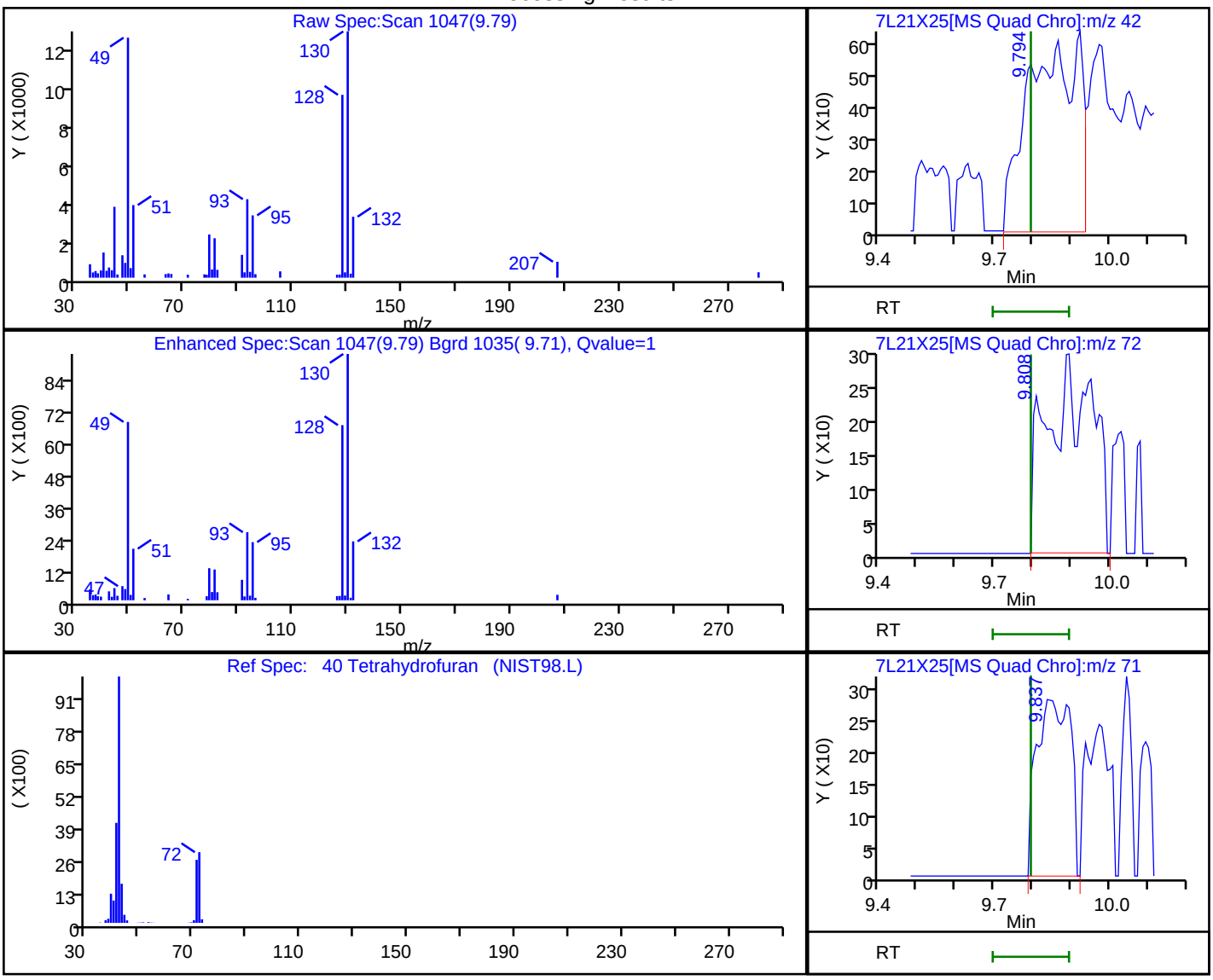
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250721-154125.b\7L21X25.D				
Injection Date:	22-Jul-2025 17:21:59	Instrument ID:	HP8R004		
Lims ID:	410-234488-A-6	Lab Sample ID:	410-234488-6		
Client ID:	2055				
Operator ID:	al109694	ALS Bottle#:	16	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
9.79	42.00	5650	0.131863
9.81	72.00	2367	
9.84	71.00	1698	

Reviewer: D7UM, 28-Jul-2025 14:50:12 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2124 Lab Sample ID: 410-236563-1

Matrix: Air Lab File ID: 5G05X28.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 16:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.26	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2124 Lab Sample ID: 410-236563-1

Matrix: Air Lab File ID: 5G05X28.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 16:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2124 Lab Sample ID: 410-236563-1

Matrix: Air Lab File ID: 5G05X28.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 16:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	0.89	J	1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2124 Lab Sample ID: 410-236563-1

Matrix: Air Lab File ID: 5G05X28.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 16:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\5G05X28.D				
Lims ID:	410-236563-A-1				
Client ID:	2124				
Sample Type:	Client				
Inject. Date:	06-Aug-2025 16:12:23	ALS Bottle#:	8	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN10057				
Misc. Info.:	410-0155619-028				
Operator ID:	al109694	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	11-Aug-2025 10:15:19	Calib Date:	20-Jun-2025 20:16:24		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1635				
First Level Reviewer: D7UM		Date:	11-Aug-2025 09:43:47		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.787	3.787	0.000	100	70767	2.10	
20 Carbon disulfide	76	4.002	4.016	-0.007	95	7146	0.0973	M
21 Isopropyl alcohol	45	4.066	4.066	0.000	97	36592	0.8867	
36 2-Butanone (MEK)	43	6.065	6.058	0.007	99	11653	0.2588	
* 39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	95	114735	10.0	
* 51 1,4-Difluorobenzene	114	7.275	7.275	0.000	95	510468	10.0	
* 72 Chlorobenzene-d5 (IS)	117	9.610	9.539	0.071	86	552130	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00510 Amount Added: 10.00 Units: mL Run Reagent

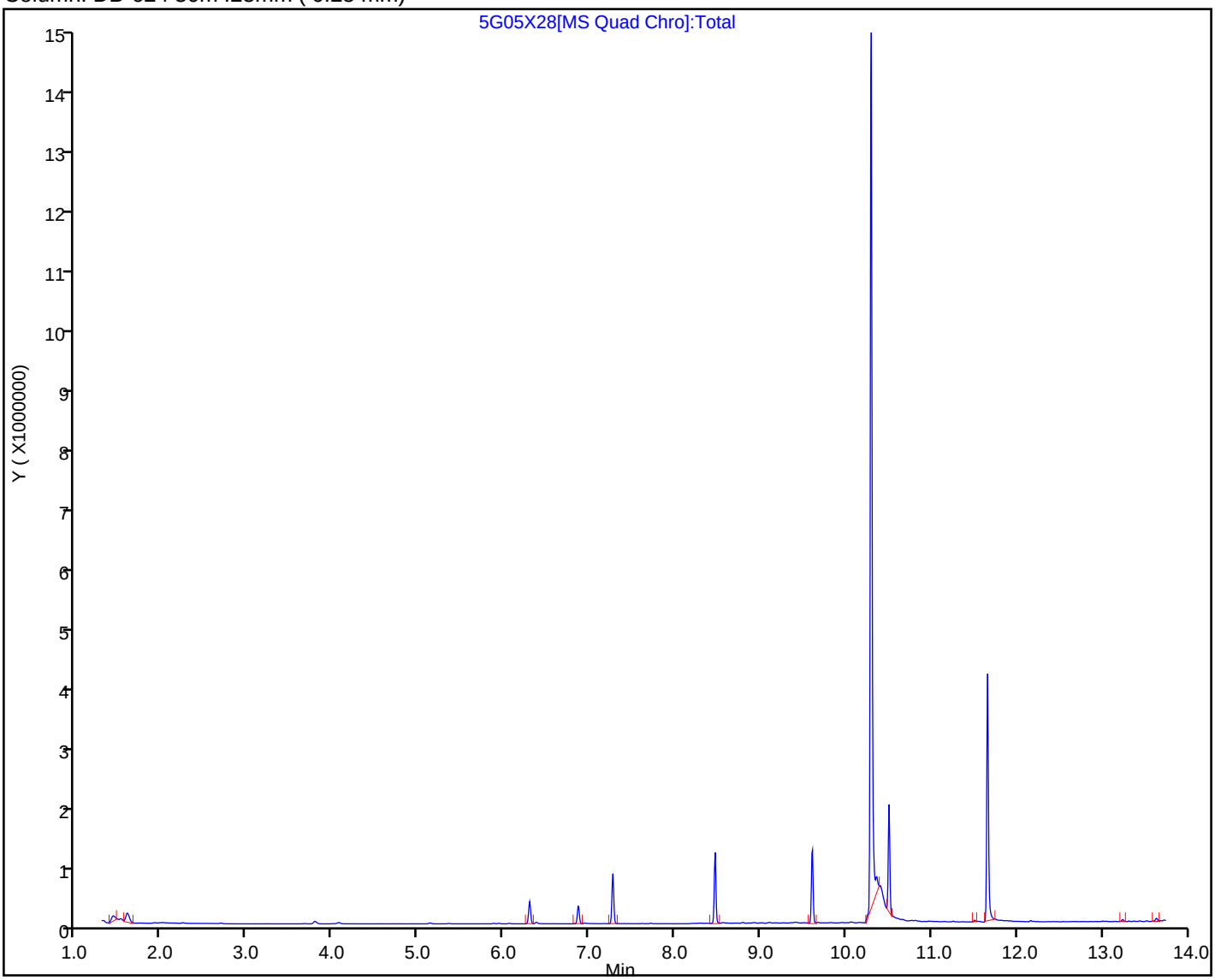
Report Date: 11-Aug-2025 12:11:41 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\5G05X28.D

Injection Date:	06-Aug-2025 16:12:23	Instrument ID:	HP22820		
Lims ID:	410-236563-A-1	Lab Sample ID:	410-236563-1		
Client ID:	2124				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

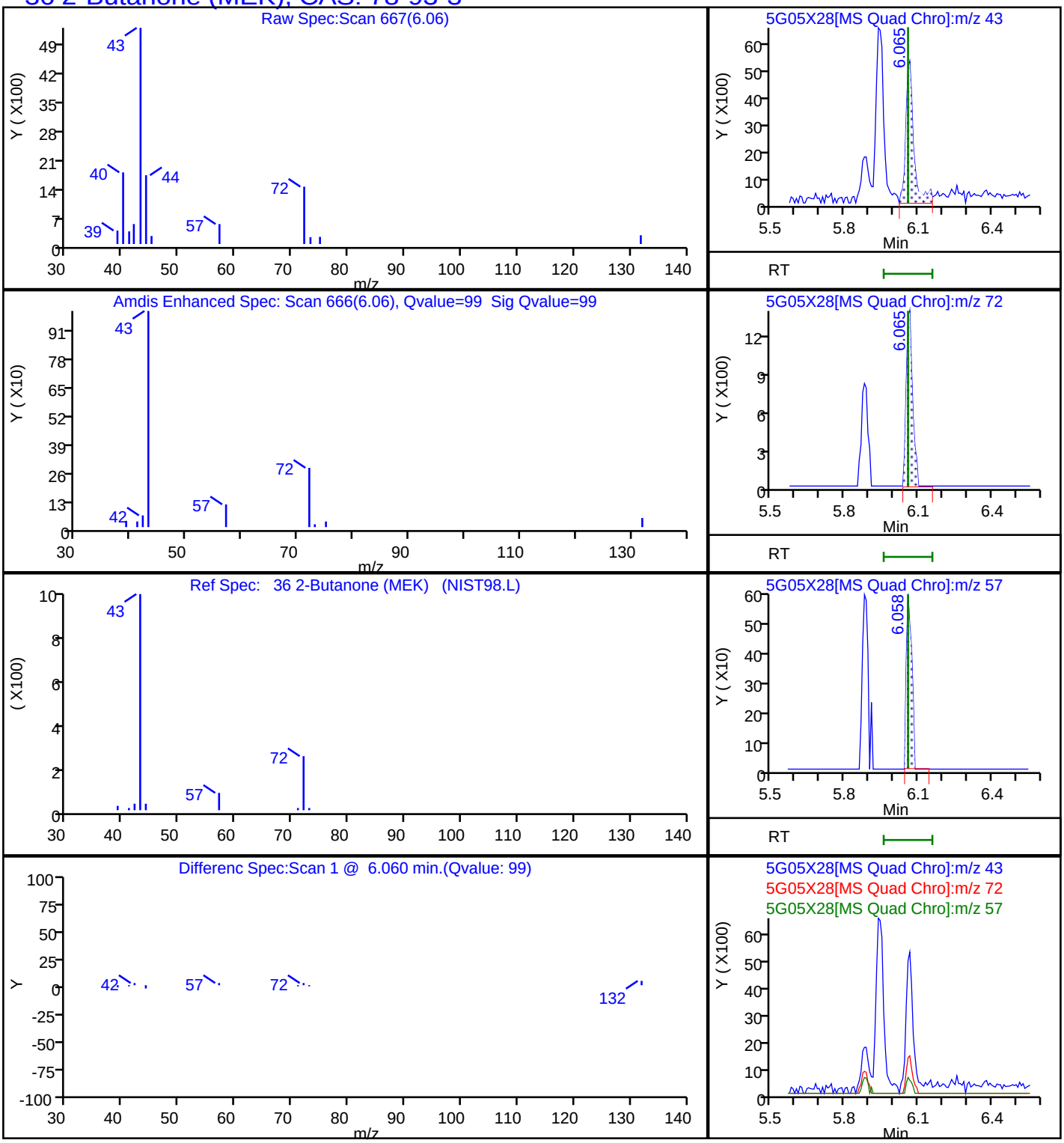


Report Date: 11-Aug-2025 12:11:41 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	06-Aug-2025 16:12:23	Instrument ID:	HP22820		
Lims ID:	410-236563-A-1	Lab Sample ID:	410-236563-1		
Client ID:	2124				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

36 2-Butanone (MEK), CAS: 78-93-3

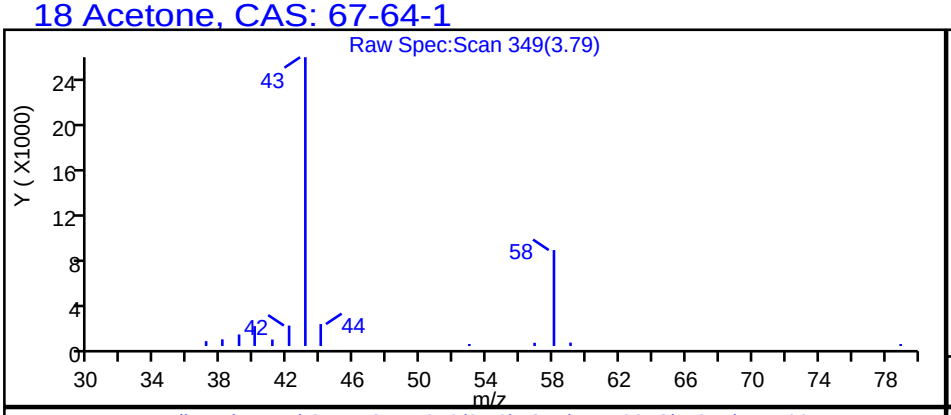


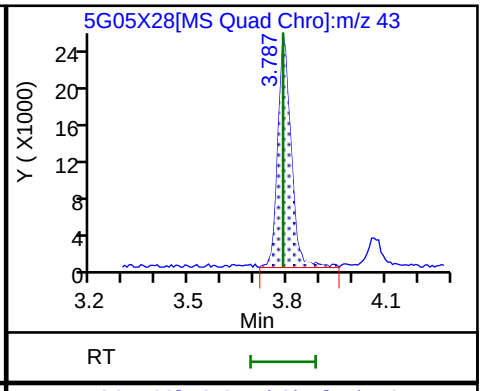
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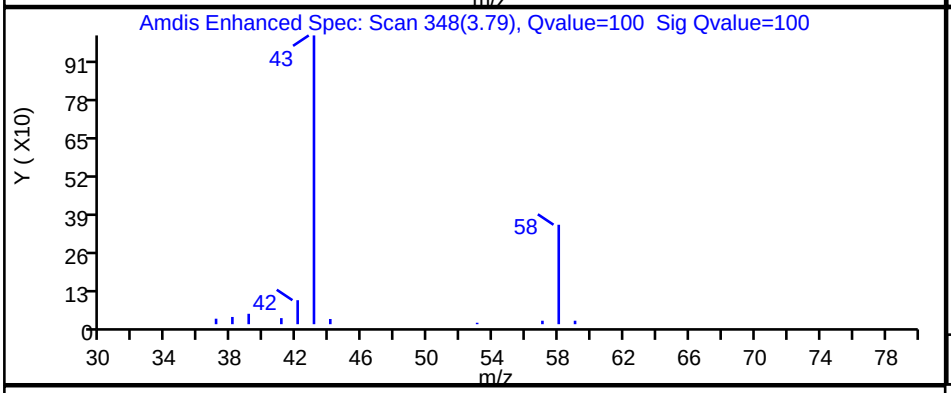
Eurofins Lancaster Laboratories Environment Testing, LLC

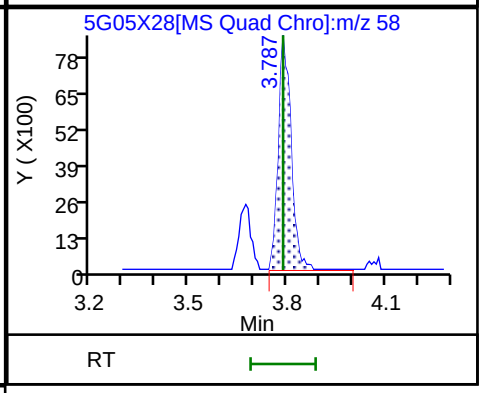
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Injection Date:	06-Aug-2025 16:12:23	Instrument ID:	HP22820		
Lims ID:	410-236563-A-1	Lab Sample ID:	410-236563-1		
Client ID:	2124				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

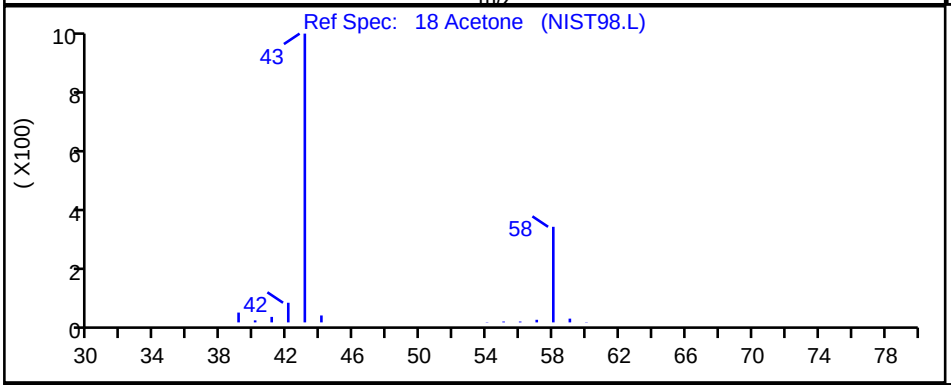
18 Acetone, CAS: 67-64-1

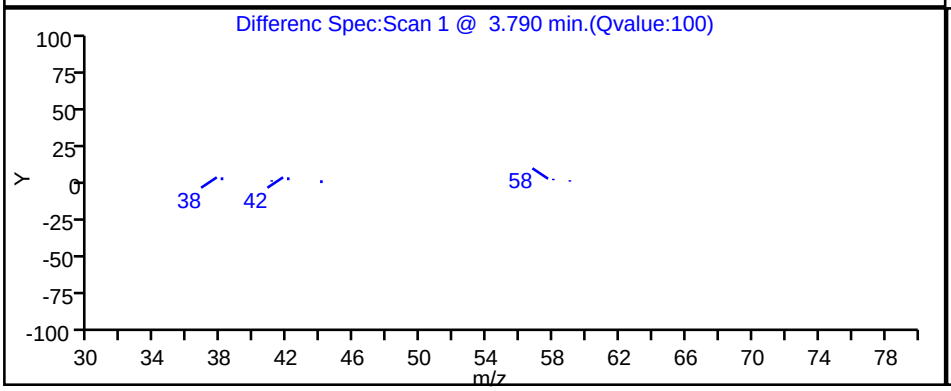


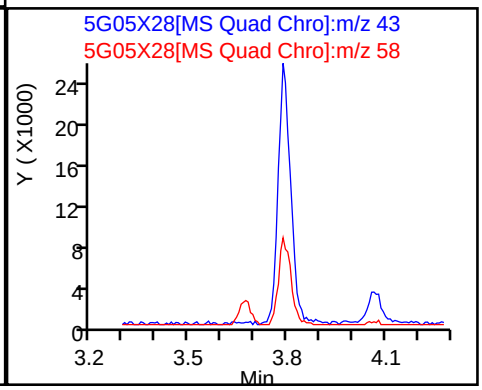










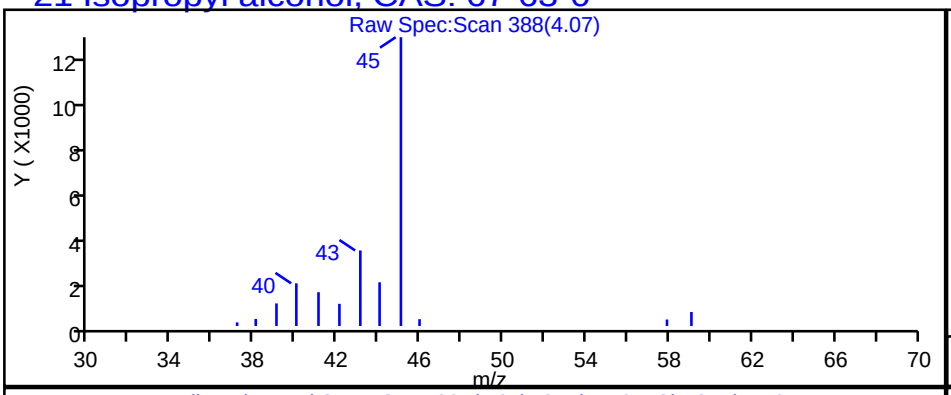


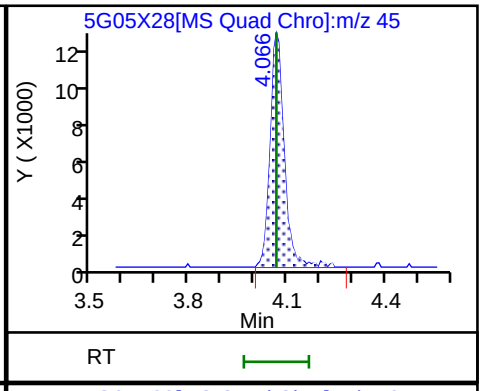
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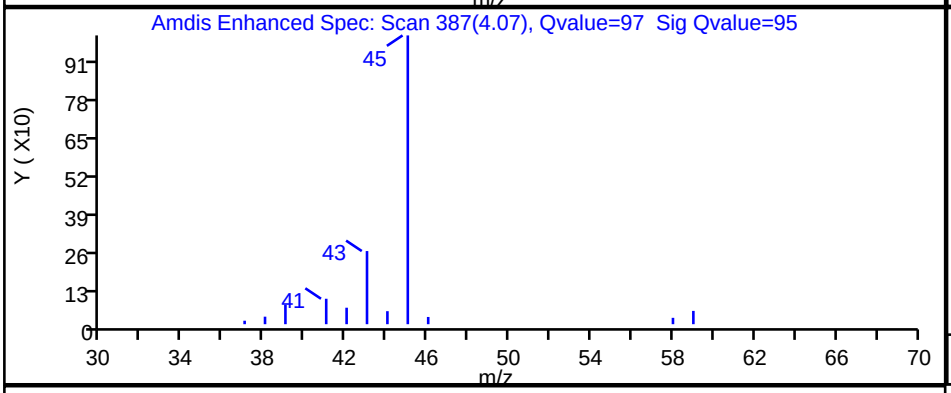
Eurofins Lancaster Laboratories Environment Testing, LLC

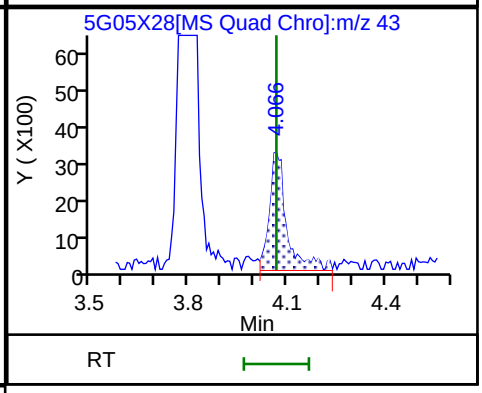
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Injection Date:	06-Aug-2025 16:12:23	Instrument ID:	HP22820		
Lims ID:	410-236563-A-1	Lab Sample ID:	410-236563-1		
Client ID:	2124				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

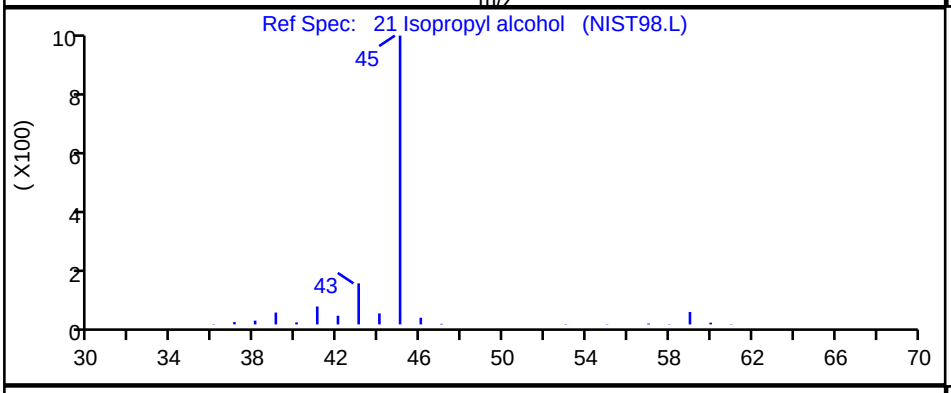
21 Isopropyl alcohol, CAS: 67-63-0

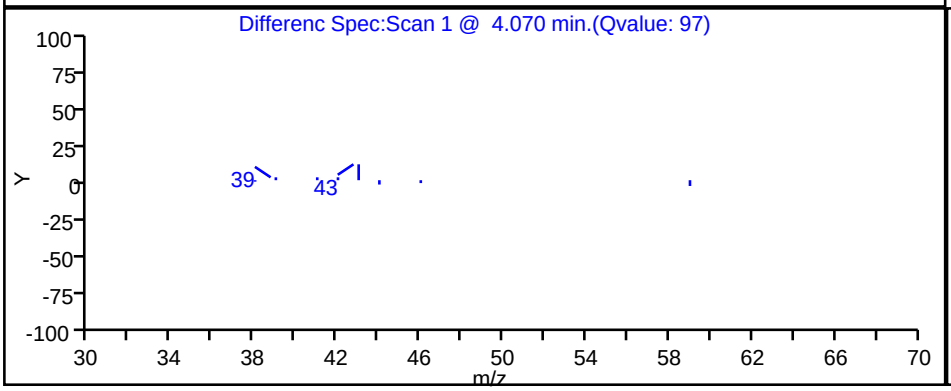


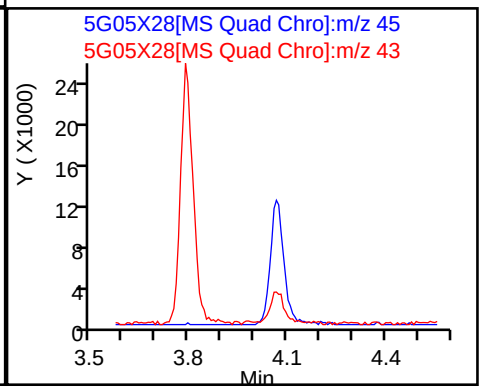












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

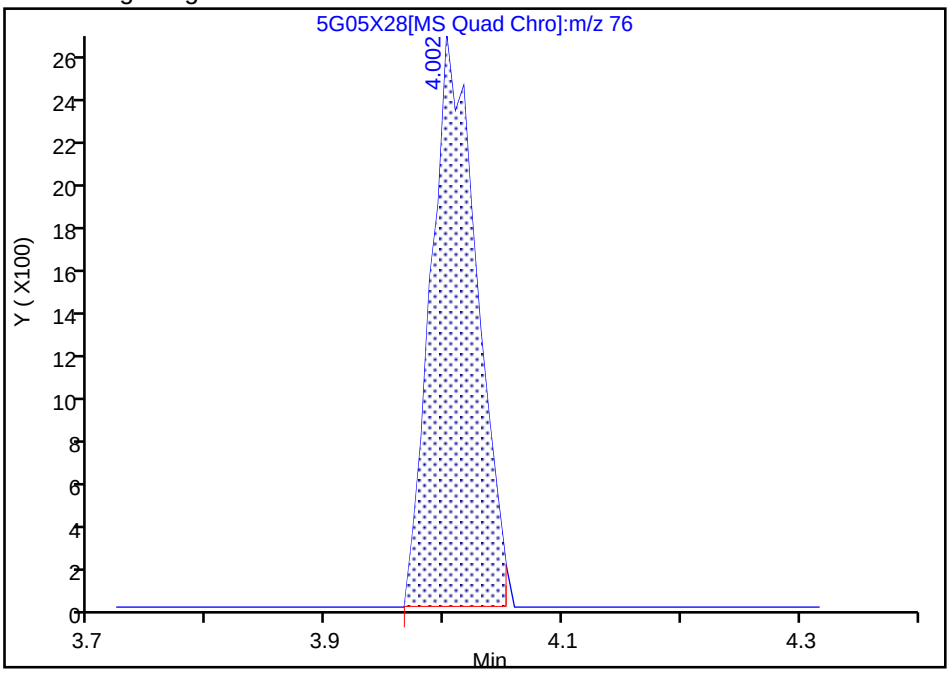
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Injection Date:	06-Aug-2025 16:12:23	Instrument ID:	HP22820		
Lims ID:	410-236563-A-1	Lab Sample ID:	410-236563-1		
Client ID:	2124				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

20 Carbon disulfide, CAS: 75-15-0

Signal: 1

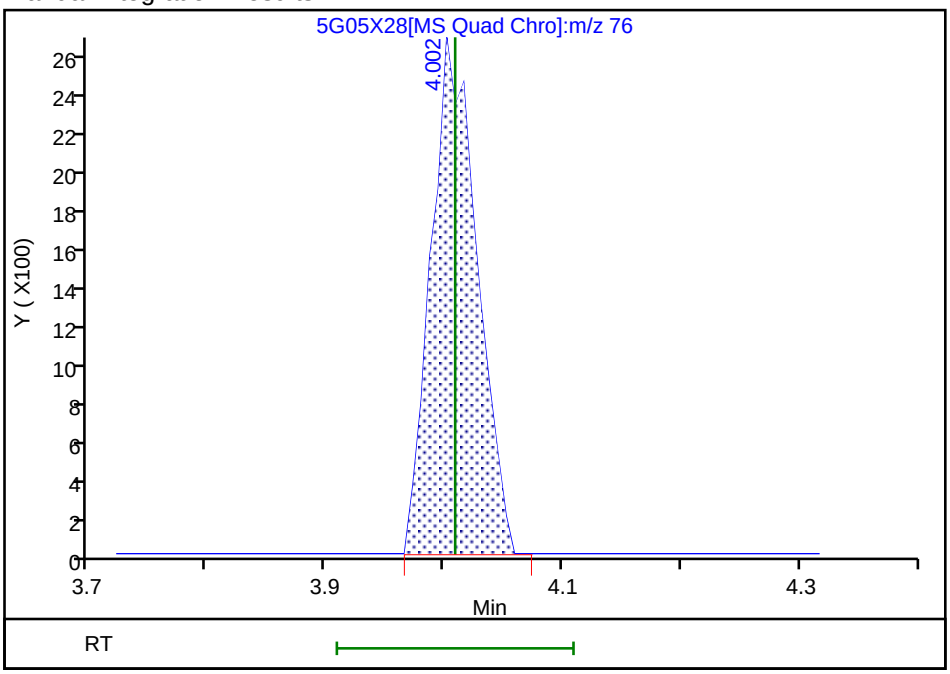
Processing Integration Results

RT: 4.00
Area: 7103
Amount: 0.096737
Amount Units: ppb v/v



Manual Integration Results

RT: 4.00
Area: 7146
Amount: 0.097323
Amount Units: ppb v/v



Reviewer: D7UM, 11-Aug-2025 09:42:54 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2125 Lab Sample ID: 410-236563-2

Matrix: Air Lab File ID: 5G05X29.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 16:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.34	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.7	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2125 Lab Sample ID: 410-236563-2

Matrix: Air Lab File ID: 5G05X29.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 16:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2125 Lab Sample ID: 410-236563-2

Matrix: Air Lab File ID: 5G05X29.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 16:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2125 Lab Sample ID: 410-236563-2

Matrix: Air Lab File ID: 5G05X29.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 16:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\5G05X29.D				
Lims ID:	410-236563-A-2				
Client ID:	2125				
Sample Type:	Client				
Inject. Date:	06-Aug-2025 16:37:08	ALS Bottle#:	9	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN10045				
Misc. Info.:	410-0155619-029				
Operator ID:	al109694	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	11-Aug-2025 10:15:19	Calib Date:	20-Jun-2025 20:16:24		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1635				
First Level Reviewer: D7UM		Date:	11-Aug-2025 09:45:13		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.787	3.787	0.000	100	57909	1.75	
20 Carbon disulfide	76	4.016	4.016	0.007	95	10455	0.1447	M
36 2-Butanone (MEK)	43	6.065	6.058	0.007	99	15178	0.3426	
* 39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	95	112878	10.0	
* 51 1,4-Difluorobenzene	114	7.275	7.275	0.000	95	509682	10.0	
69 2-Hexanone	43	9.023	9.091	0.000	94	4493	0.0955	M
* 72 Chlorobenzene-d5 (IS)	117	9.603	9.539	0.064	86	550641	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00510 Amount Added: 10.00 Units: mL Run Reagent

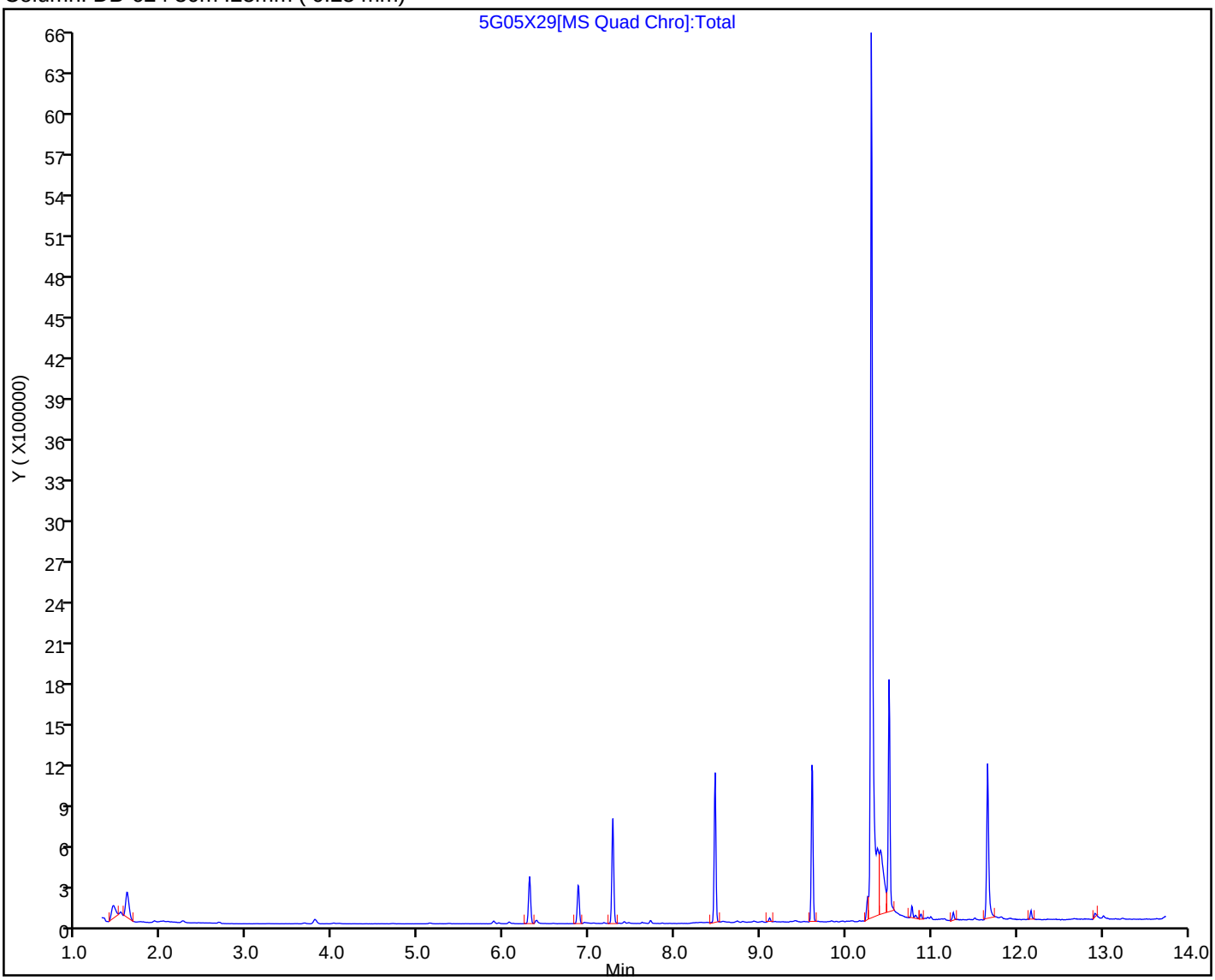
Report Date: 11-Aug-2025 12:11:43 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\5G05X29.D

Injection Date:	06-Aug-2025 16:37:08	Instrument ID:	HP22820		
Lims ID:	410-236563-A-2	Lab Sample ID:	410-236563-2		
Client ID:	2125				
Operator ID:	al109694	ALS Bottle#:	9	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

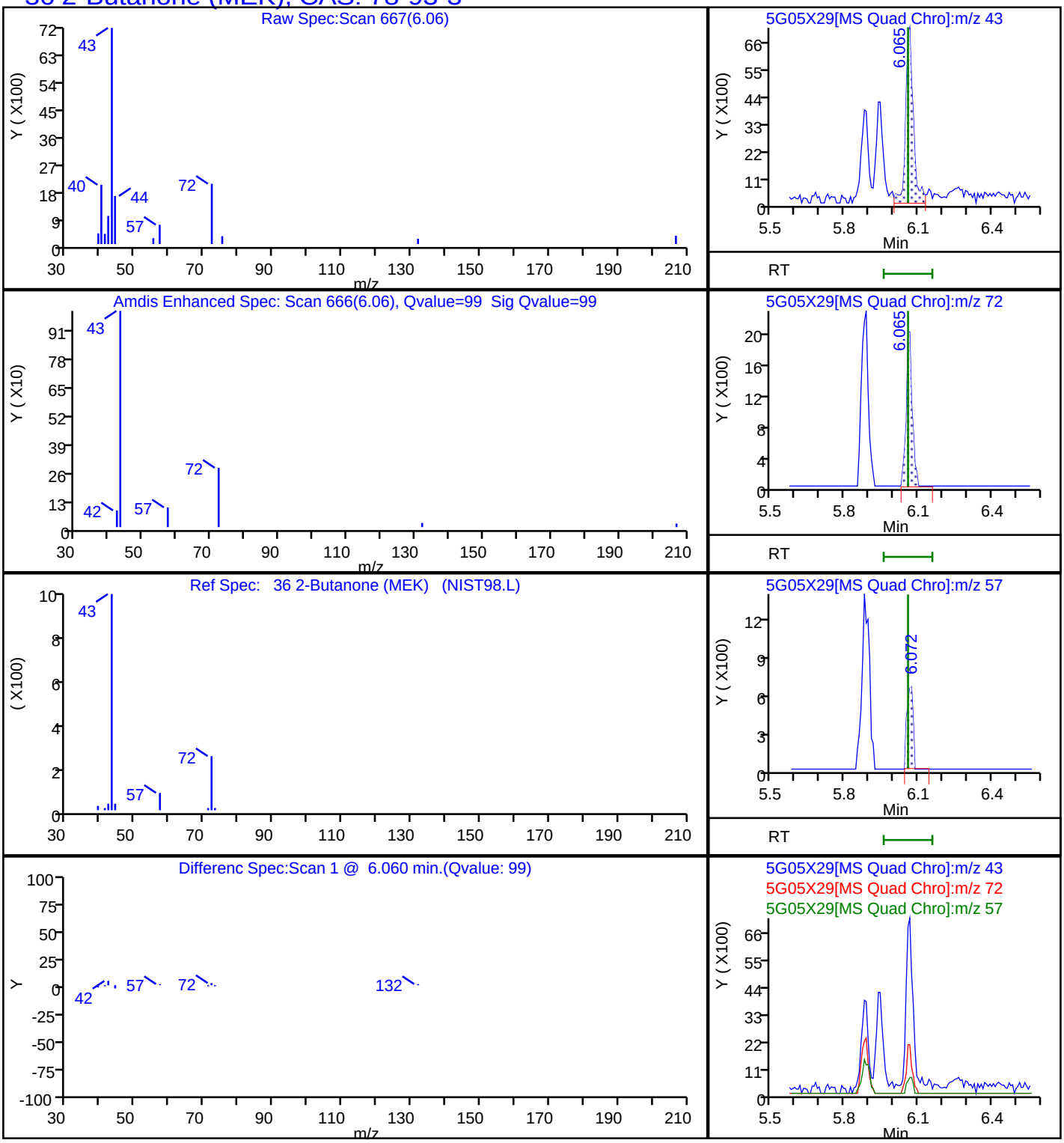


Report Date: 11-Aug-2025 12:11:43 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	06-Aug-2025 16:37:08	Instrument ID:	HP22820		
Lims ID:	410-236563-A-2	Lab Sample ID:	410-236563-2		
Client ID:	2125				
Operator ID:	al109694	ALS Bottle#:	9	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

36 2-Butanone (MEK), CAS: 78-93-3



Report Date: 11-Aug-2025 12:11:43 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\5G05X29.D

Injection Date: 06-Aug-2025 16:37:08 Instrument ID: HP22820

Lims ID: 410-236563-A-2 Lab Sample ID: 410-236563-2

Client ID: 2125

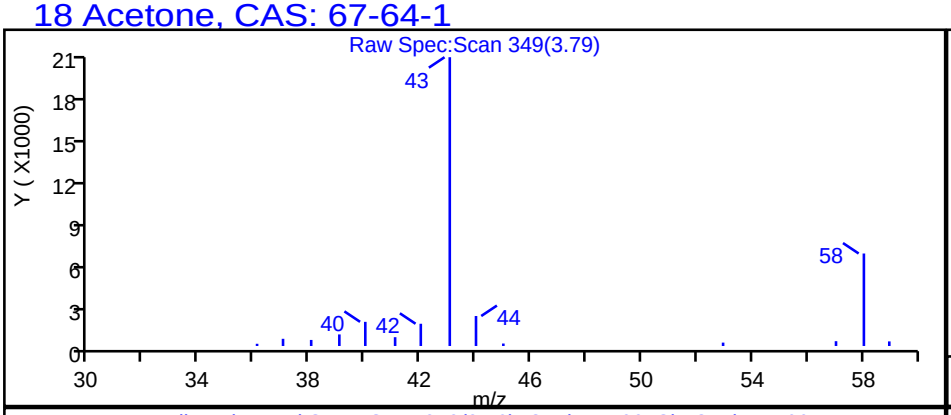
Operator ID: al109694 ALS Bottle#: 9 Worklist Smp#: 29

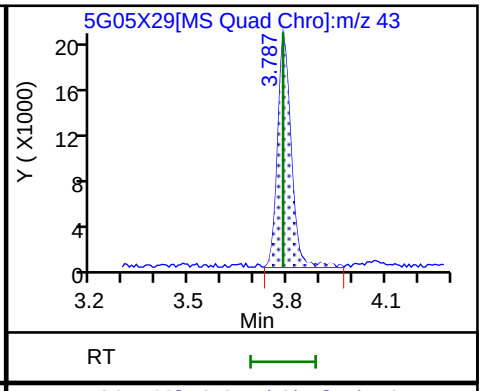
Purge Vol: 200.000 mL Dil. Factor: 1.0000

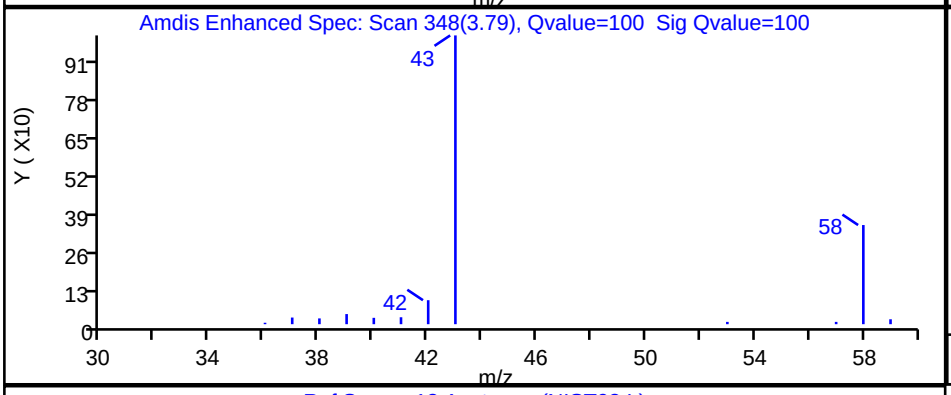
Method: AirMS_TO15_HP22820 Limit Group: MSV - TO15

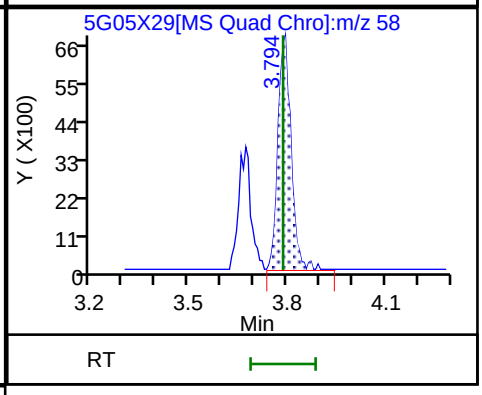
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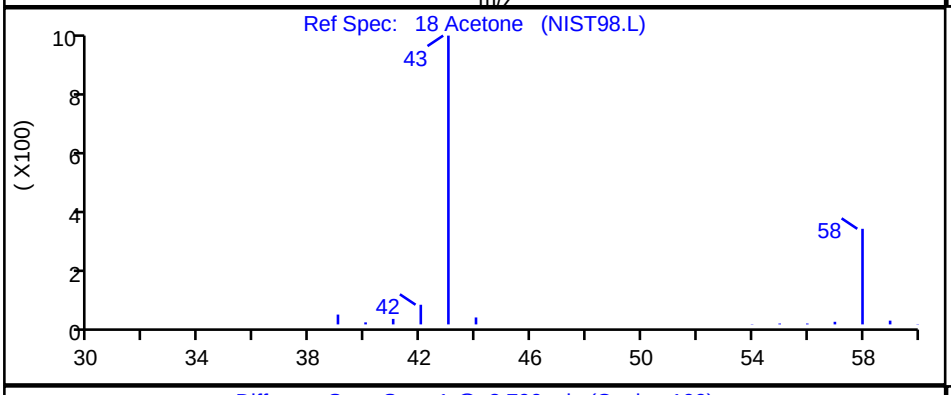
18 Acetone, CAS: 67-64-1

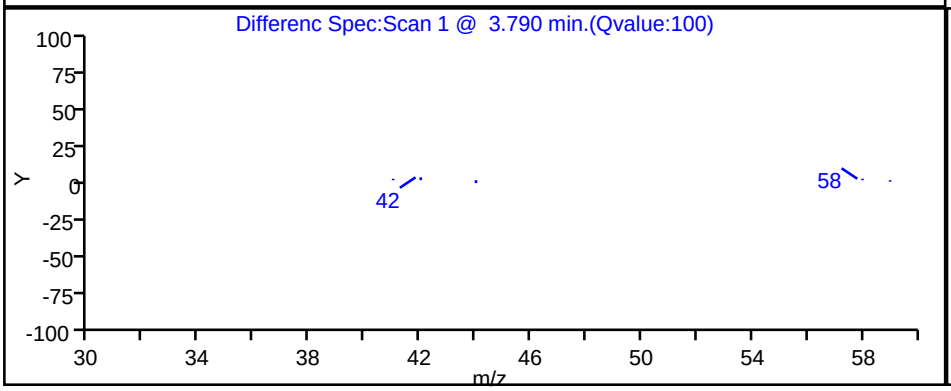


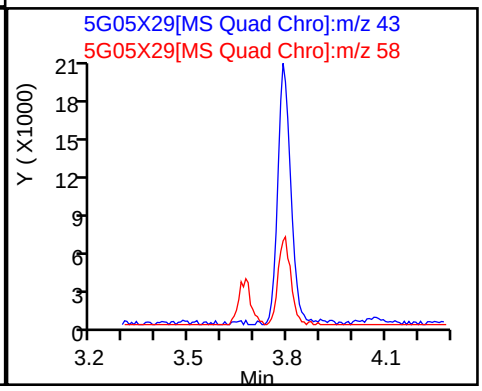












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

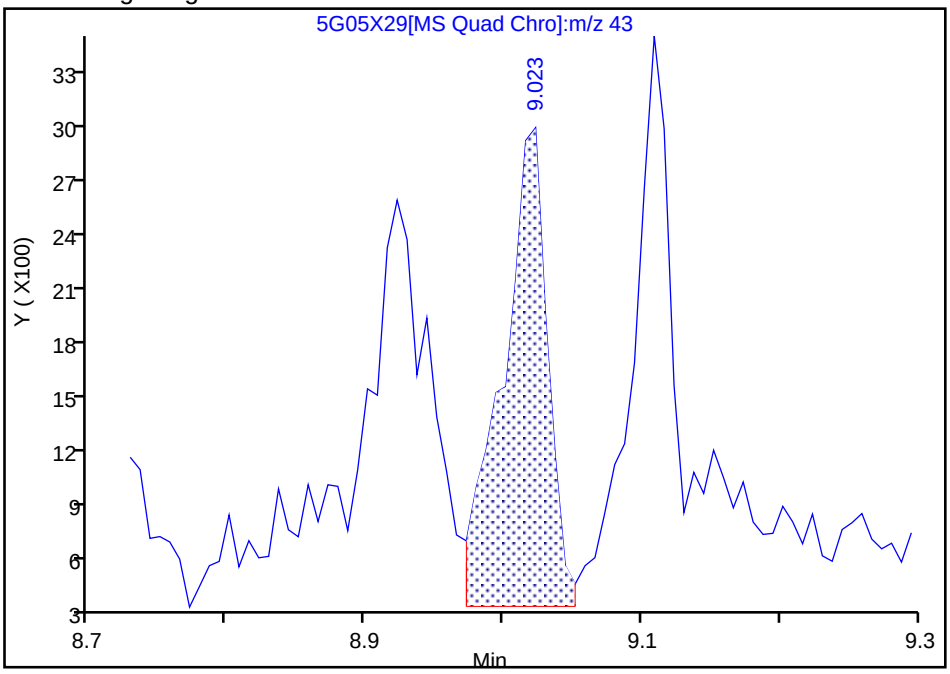
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Injection Date:	06-Aug-2025 16:37:08	Instrument ID:	HP22820		
Lims ID:	410-236563-A-2	Lab Sample ID:	410-236563-2		
Client ID:	2125				
Operator ID:	al109694	ALS Bottle#:	9	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Signal: 1

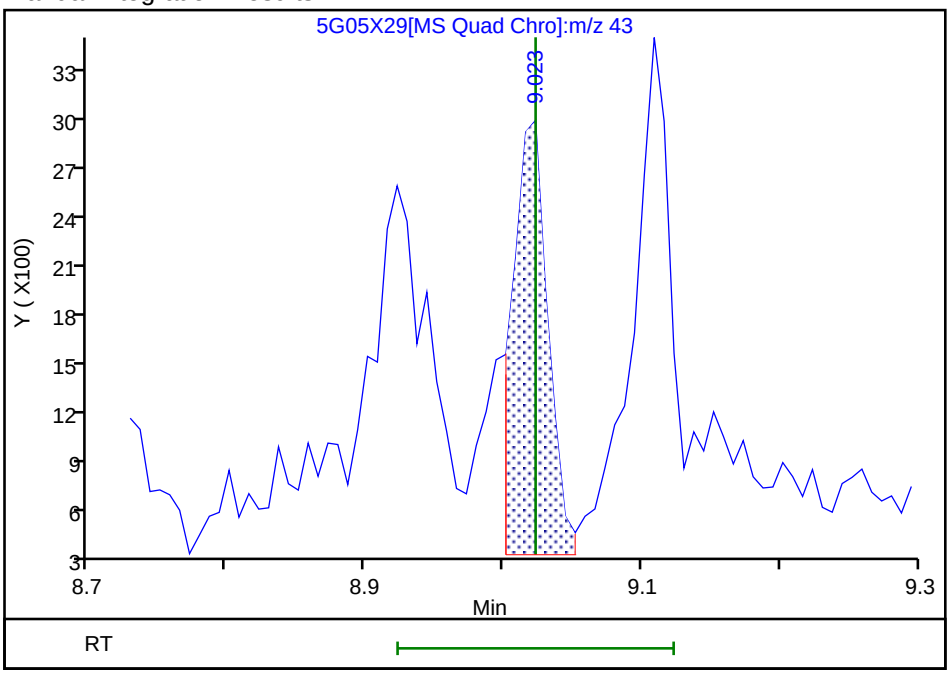
Processing Integration Results

RT: 9.02
Area: 6009
Amount: 0.127768
Amount Units: ppb v/v



Manual Integration Results

RT: 9.02
Area: 4493
Amount: 0.095534
Amount Units: ppb v/v



Reviewer: D7UM, 11-Aug-2025 09:44:35 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

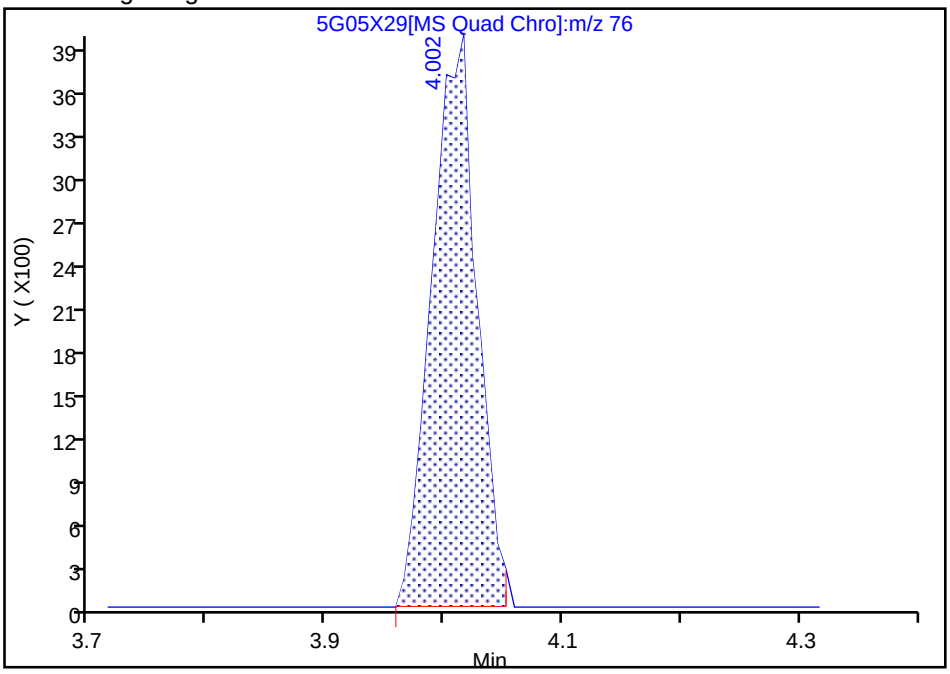
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Injection Date:	06-Aug-2025 16:37:08	Instrument ID:	HP22820		
Lims ID:	410-236563-A-2	Lab Sample ID:	410-236563-2		
Client ID:	2125				
Operator ID:	al109694	ALS Bottle#:	9	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

20 Carbon disulfide, CAS: 75-15-0

Signal: 1

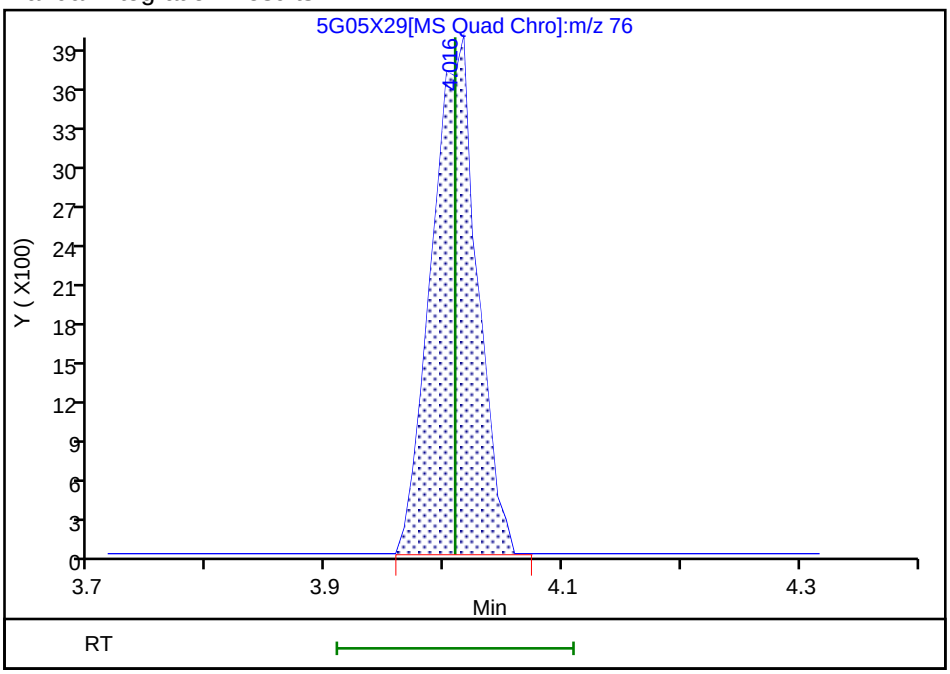
Processing Integration Results

RT: 4.00
Area: 10399
Amount: 0.143956
Amount Units: ppb v/v



Manual Integration Results

RT: 4.02
Area: 10455
Amount: 0.144731
Amount Units: ppb v/v



Reviewer: D7UM, 11-Aug-2025 09:44:05 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2126 Lab Sample ID: 410-236563-3

Matrix: Air Lab File ID: 5G05X30.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 17:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.0	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2126 Lab Sample ID: 410-236563-3

Matrix: Air Lab File ID: 5G05X30.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 17:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2126 Lab Sample ID: 410-236563-3

Matrix: Air Lab File ID: 5G05X30.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 17:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	0.79	J	1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2126 Lab Sample ID: 410-236563-3

Matrix: Air Lab File ID: 5G05X30.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 17:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\5G05X30.D				
Lims ID:	410-236563-A-3				
Client ID:	2126				
Sample Type:	Client				
Inject. Date:	06-Aug-2025 17:02:08	ALS Bottle#:	10	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN9934				
Misc. Info.:	410-0155619-030				
Operator ID:	al109694	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	11-Aug-2025 10:15:19	Calib Date:	20-Jun-2025 20:16:24		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1635				
First Level Reviewer: D7UM		Date:	11-Aug-2025 09:46:08		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.794	3.787	0.007	100	35769	1.04	
20 Carbon disulfide	76	4.002	4.016	-0.007	95	6810	0.0913	
21 Isopropyl alcohol	45	4.067	4.066	0.000	97	33312	0.7943	
36 2-Butanone (MEK)	43	6.058	6.058	0.000	99	7616	0.1664	
* 39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	94	116601	10.0	
* 51 1,4-Difluorobenzene	114	7.276	7.275	0.001	95	509030	10.0	
69 2-Hexanone	43	9.016	9.091	-0.007	67	4399	0.0945	
* 72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.072	86	545041	10.0	

QC Flag Legend

Processing Flags

Reagents:

AIRIS200 ppb_00510 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 11-Aug-2025 12:11:45 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\5G05X30.D

Injection Date: 06-Aug-2025 17:02:08 Instrument ID: HP22820

Lims ID: 410-236563-A-3 Lab Sample ID: 410-236563-3

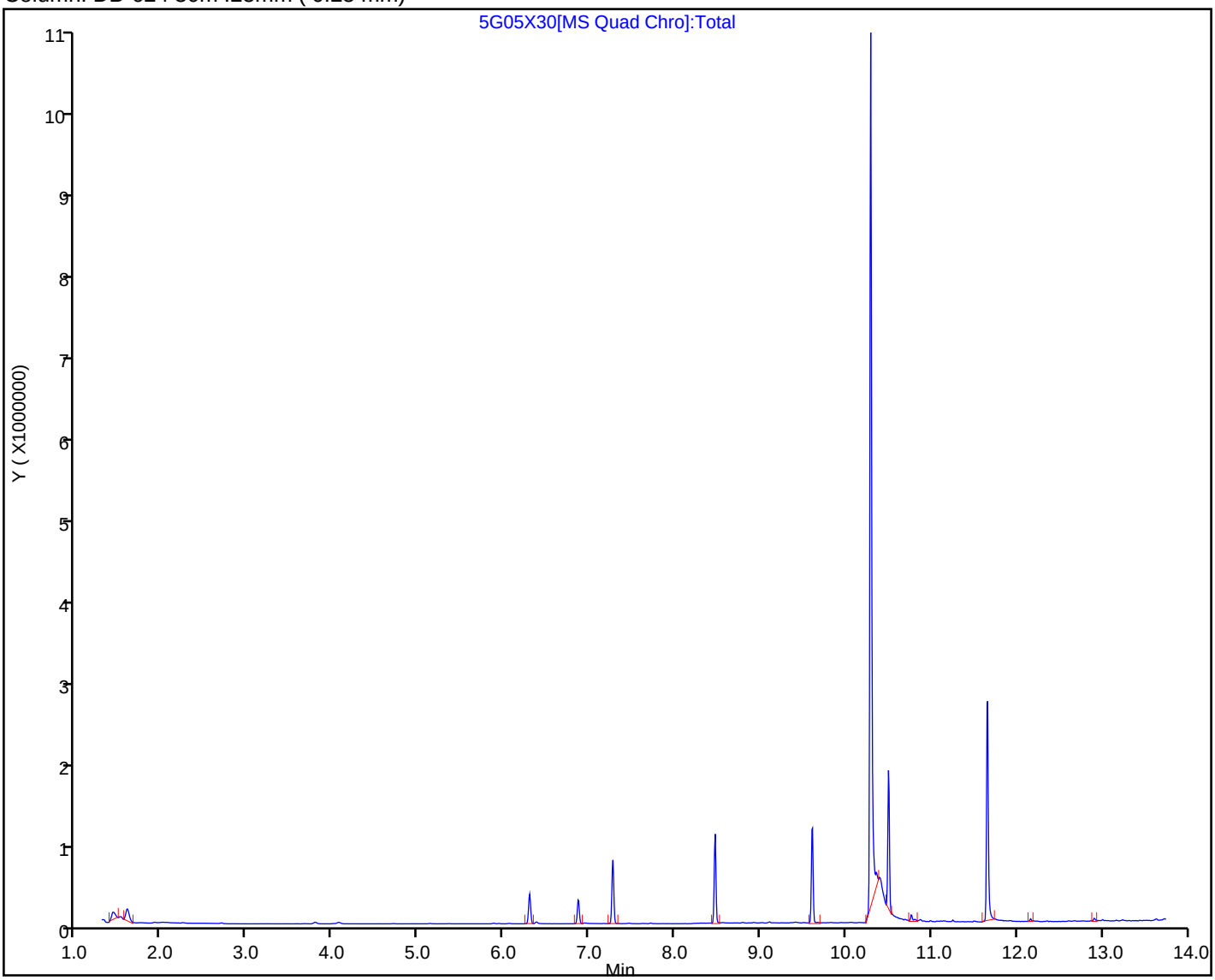
Client ID: 2126

Operator ID: al109694 ALS Bottle#: 10 Worklist Smp#: 30

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_TO15_HP22820 Limit Group: MSV - TO15

Column: DB-624 30m .25mm (0.25 mm)

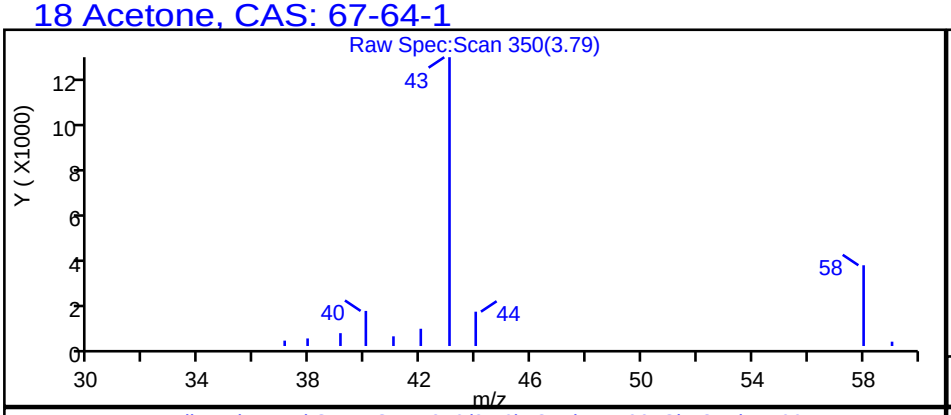


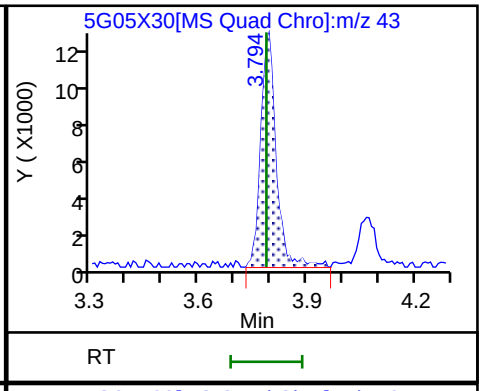
Report Date: 11-Aug-2025 12:11:45 Chrom Revision: 2.3 25-Jul-2025 13:52:40

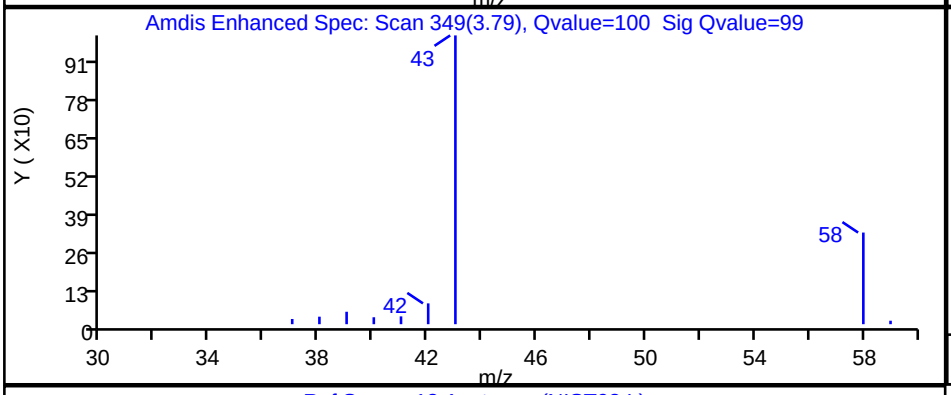
Eurofins Lancaster Laboratories Environment Testing, LLC

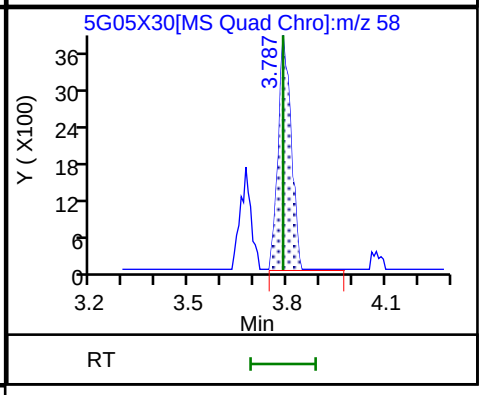
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Injection Date:	06-Aug-2025 17:02:08	Instrument ID:	HP22820		
Lims ID:	410-236563-A-3	Lab Sample ID:	410-236563-3		
Client ID:	2126				
Operator ID:	al109694	ALS Bottle#:	10	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

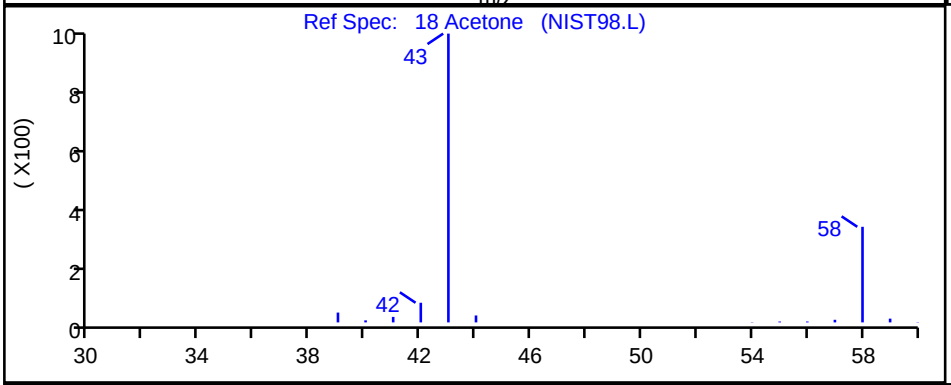
18 Acetone, CAS: 67-64-1

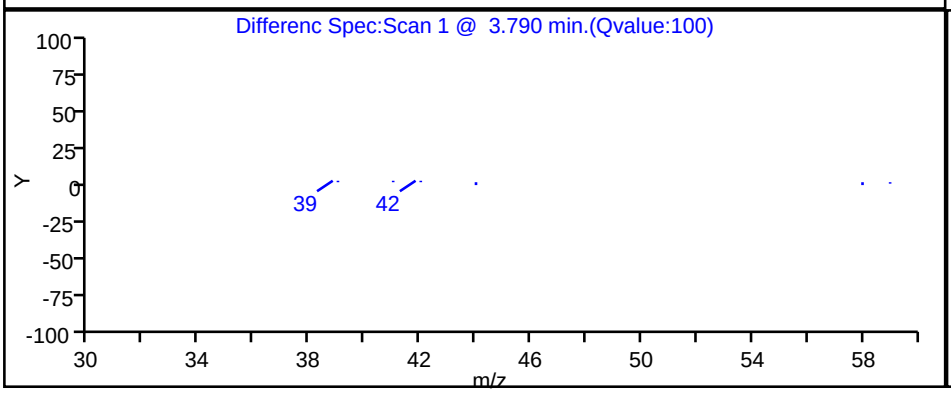


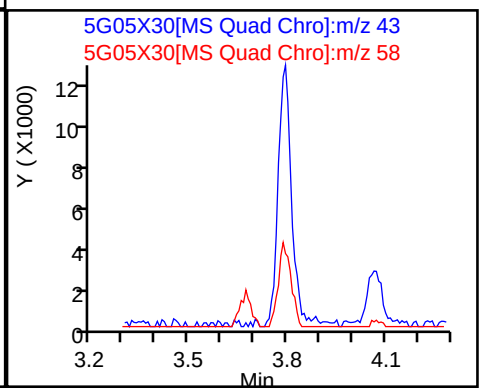












Report Date: 11-Aug-2025 12:11:45 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\5G05X30.D

Injection Date: 06-Aug-2025 17:02:08 Instrument ID: HP22820

Lims ID: 410-236563-A-3 Lab Sample ID: 410-236563-3

Client ID: 2126

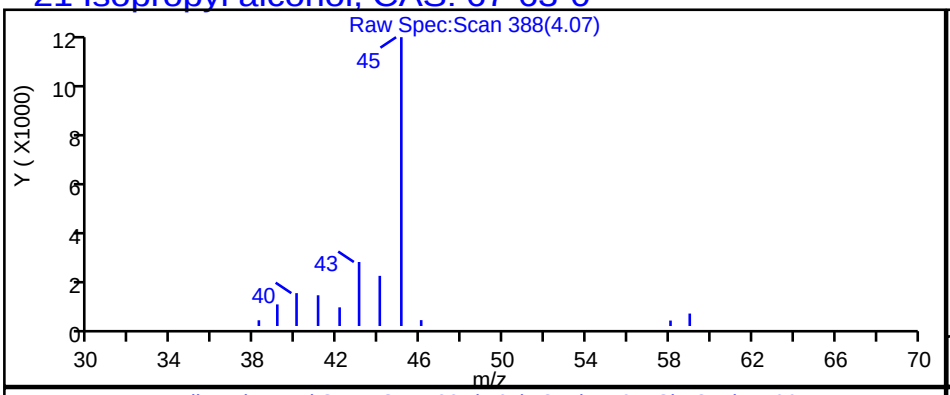
Operator ID: al109694 ALS Bottle#: 10 Worklist Smp#: 30

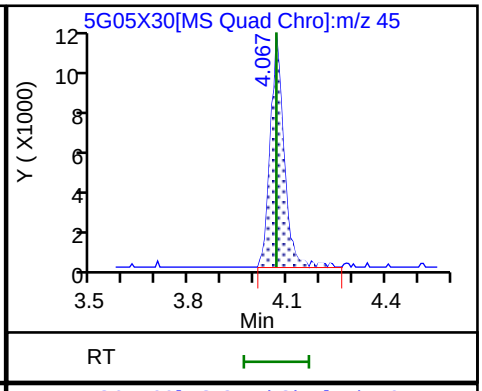
Purge Vol: 200.000 mL Dil. Factor: 1.0000

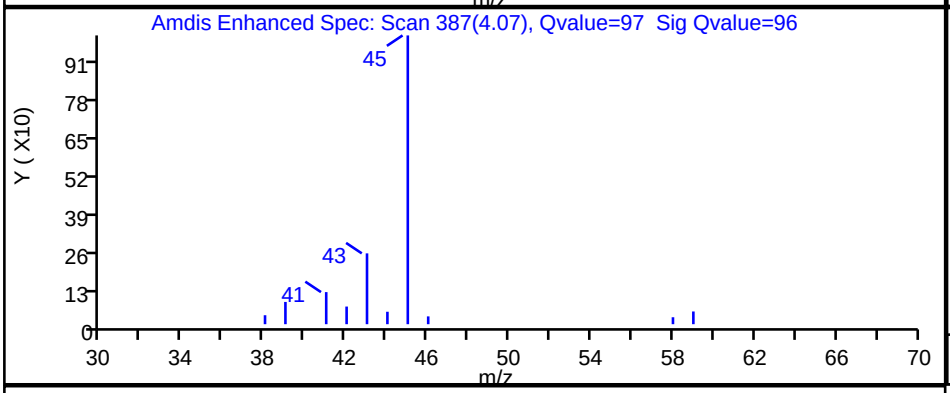
Method: AirMS_TO15_HP22820 Limit Group: MSV - TO15

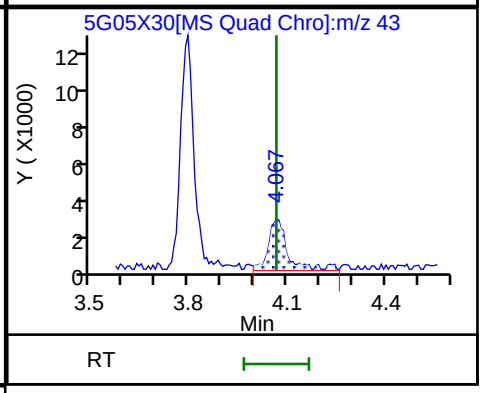
Column: DB-624 30m .25mm (0.25 mm) Detector MS Quad

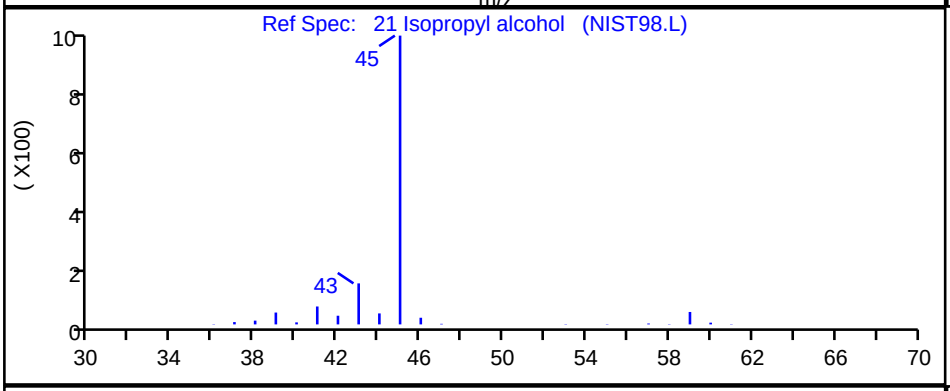
21 Isopropyl alcohol, CAS: 67-63-0

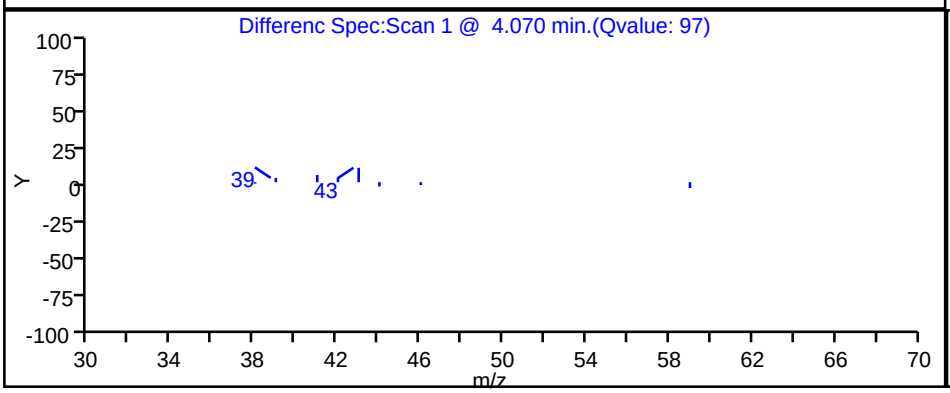


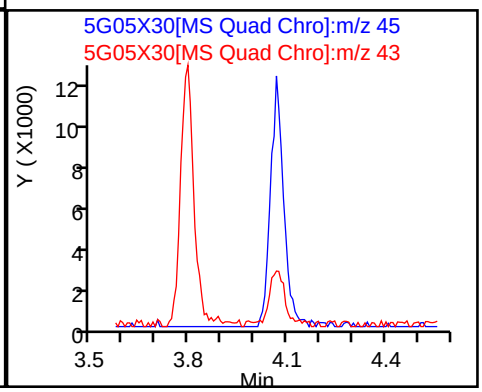












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2127 Lab Sample ID: 410-236563-4

Matrix: Air Lab File ID: 5G05X31.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 17:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.8	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2127 Lab Sample ID: 410-236563-4

Matrix: Air Lab File ID: 5G05X31.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 17:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2127 Lab Sample ID: 410-236563-4

Matrix: Air Lab File ID: 5G05X31.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 17:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2127 Lab Sample ID: 410-236563-4

Matrix: Air Lab File ID: 5G05X31.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 17:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\5G05X31.D
Lims ID: 410-236563-A-4
Client ID: 2127
Sample Type: Client
Inject. Date: 06-Aug-2025 17:26:56 ALS Bottle#: 11 Worklist Smp#: 31
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: ccN10017
Misc. Info.: 410-0155619-031
Operator ID: al109694 Instrument ID: HP22820

Method: \\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\AirMS_TO15_HP22820.m
Limit Group: MSV - TO15
Last Update: 11-Aug-2025 10:15:19 Calib Date: 20-Jun-2025 20:16:24
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D

Column 1 : DB-624 30m .25mm (0.25 mm) Det: MS Quad
Process Host: CTX1635

First Level Reviewer: D7UM Date: 11-Aug-2025 09:47:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.794	3.787	0.007	100	61074	1.75	
20 Carbon disulfide	76	4.009	4.016	0.000	99	7194	0.0949	
36 2-Butanone (MEK)	43	6.065	6.058	0.007	99	8665	0.1863	
* 39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	95	118509	10.0	
* 51 1,4-Difluorobenzene	114	7.275	7.275	0.000	94	515656	10.0	
* 72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.072	86	559524	10.0	

QC Flag Legend
Processing Flags

Reagents:
AIRIS200 ppb_00510 Amount Added: 10.00 Units: mL Run Reagent

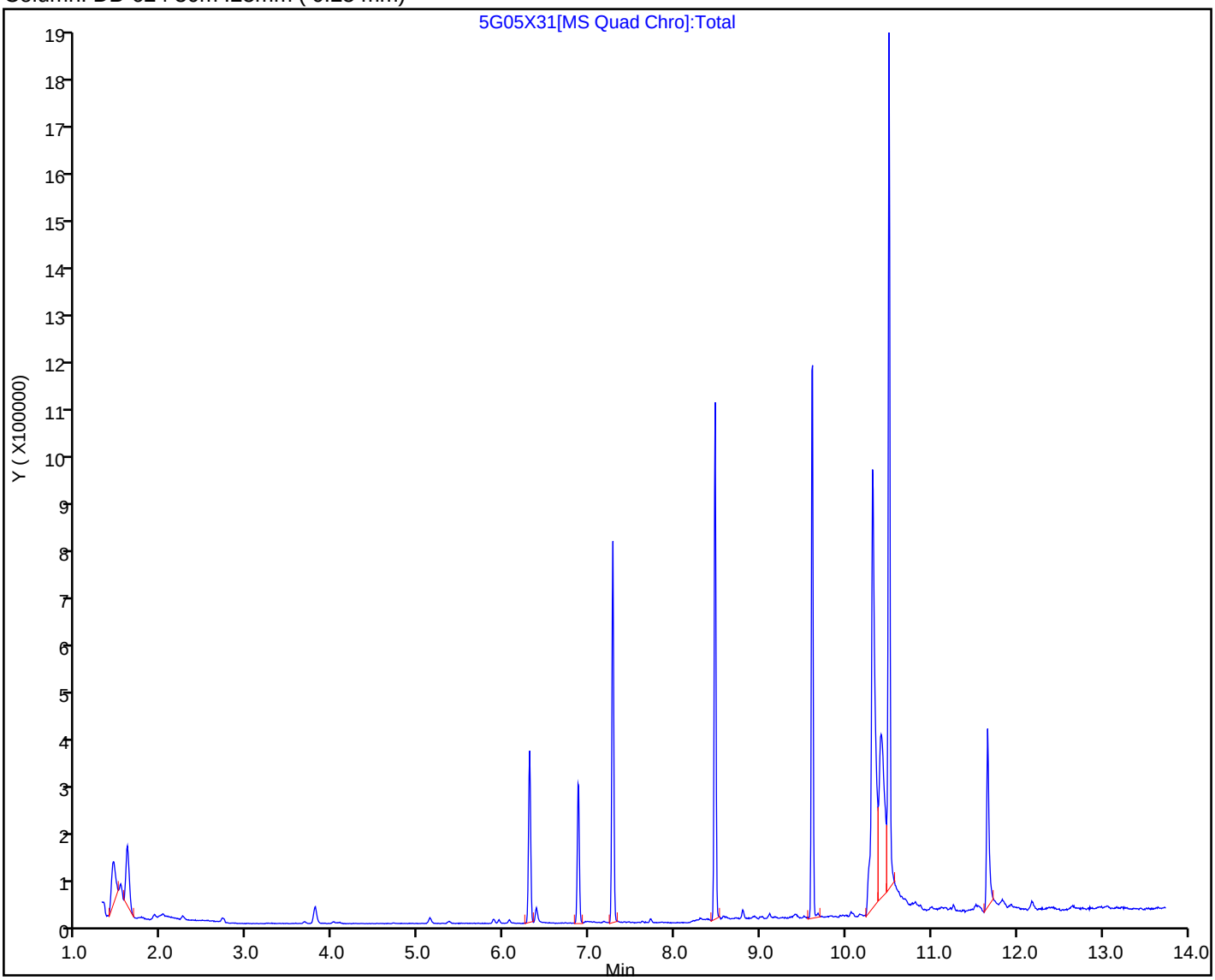
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Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\5G05X31.D

Injection Date:	06-Aug-2025 17:26:56	Instrument ID:	HP22820		
Lims ID:	410-236563-A-4	Lab Sample ID:	410-236563-4		
Client ID:	2127				
Operator ID:	al109694	ALS Bottle#:	11	Worklist Smp#:	31
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

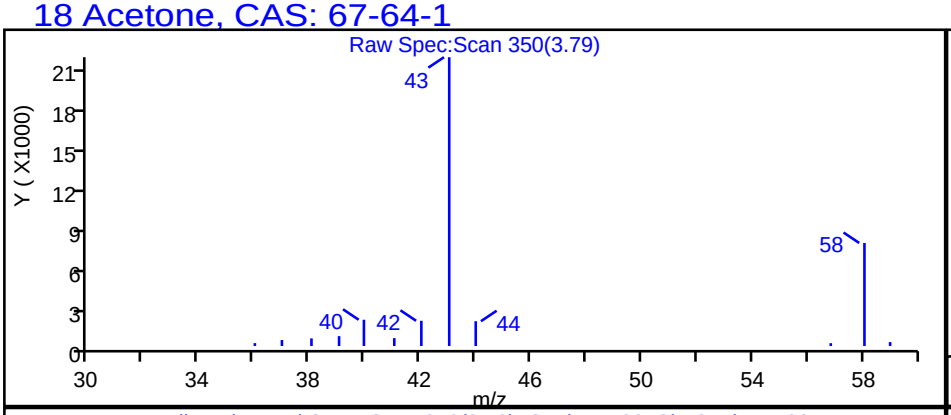


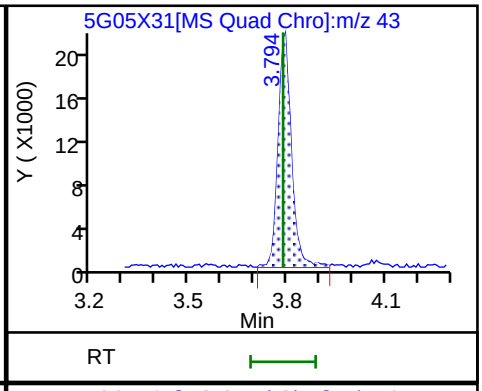
Report Date: 11-Aug-2025 12:11:51 Chrom Revision: 2.3 25-Jul-2025 13:52:40

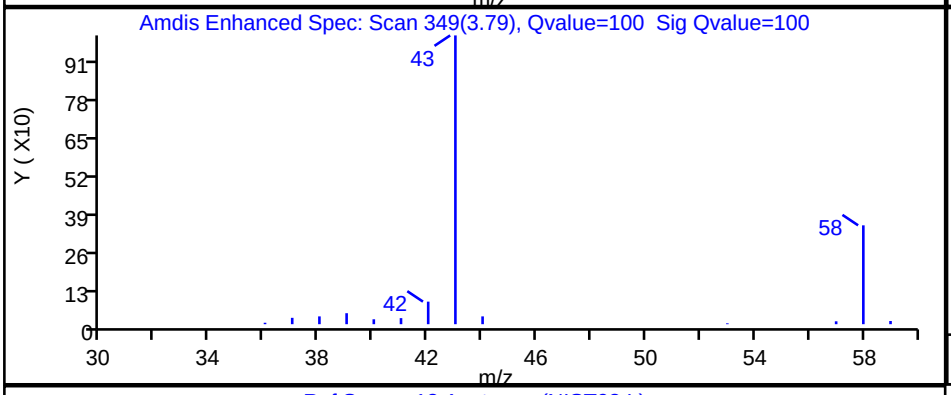
Eurofins Lancaster Laboratories Environment Testing, LLC

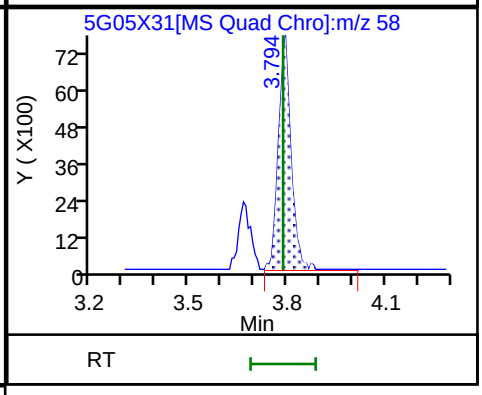
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Injection Date:	06-Aug-2025 17:26:56	Instrument ID:	HP22820		
Lims ID:	410-236563-A-4	Lab Sample ID:	410-236563-4		
Client ID:	2127				
Operator ID:	al109694	ALS Bottle#:	11	Worklist Smp#:	31
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

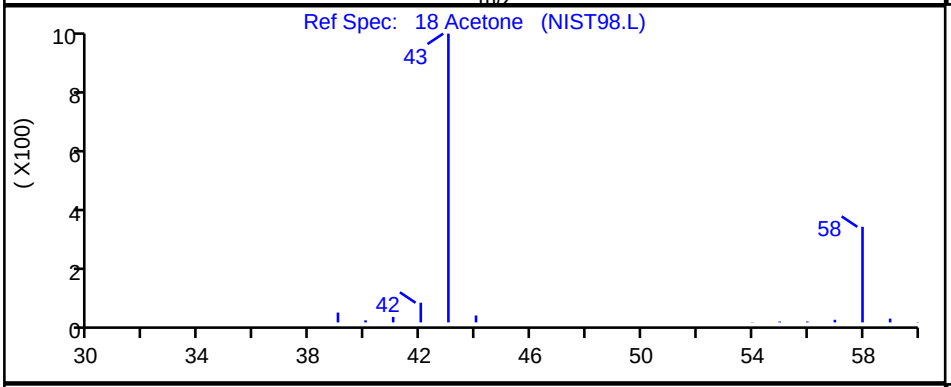
18 Acetone, CAS: 67-64-1

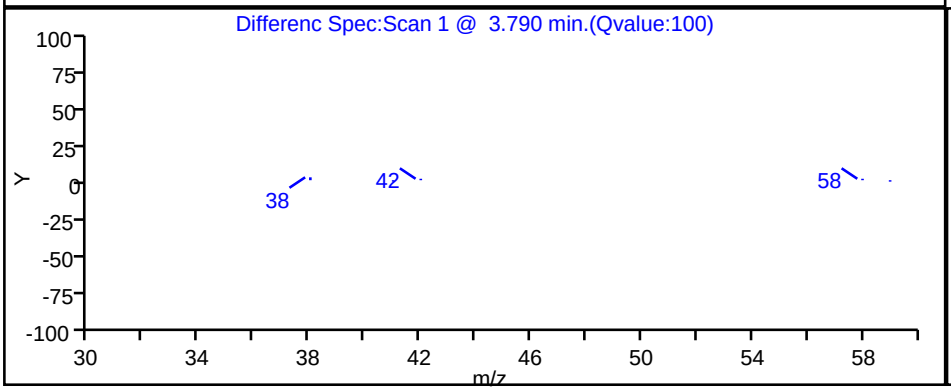


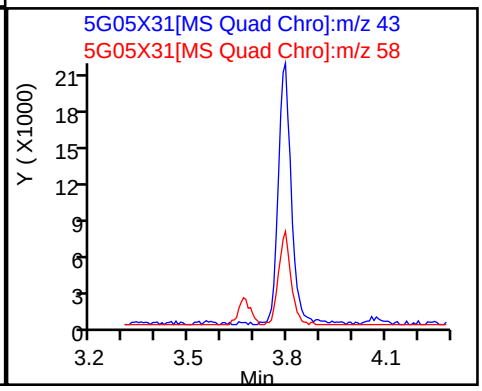












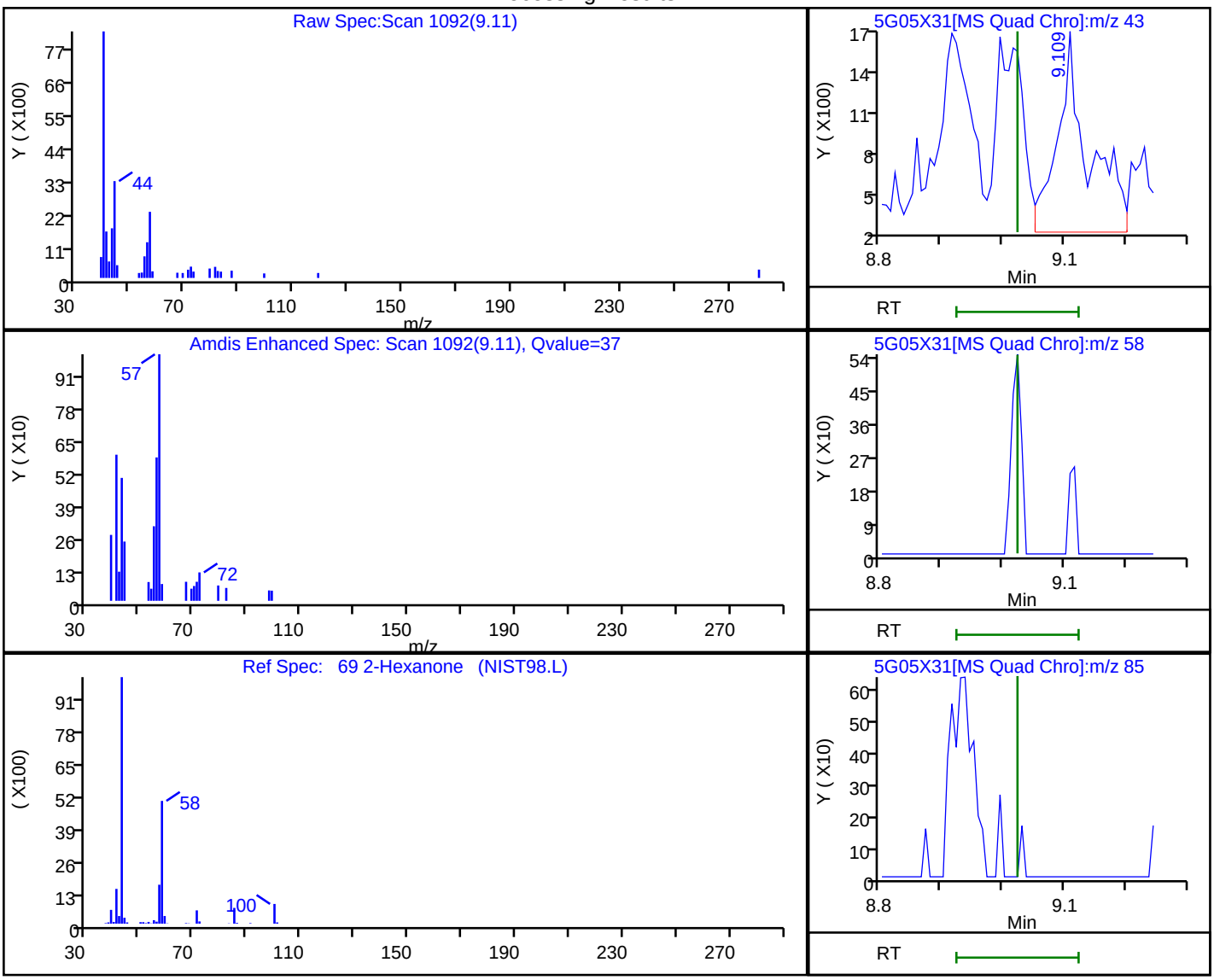
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\5G05X31.D				
Injection Date:	06-Aug-2025 17:26:56	Instrument ID:	HP22820		
Lims ID:	410-236563-A-4	Lab Sample ID:	410-236563-4		
Client ID:	2127				
Operator ID:	al109694	ALS Bottle#:	11	Worklist Smp#:	31
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
9.11	43.00	4920	0.102952
9.02	58.00	0	
9.02	85.00	0	

Reviewer: D7UM, 11-Aug-2025 09:46:53 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

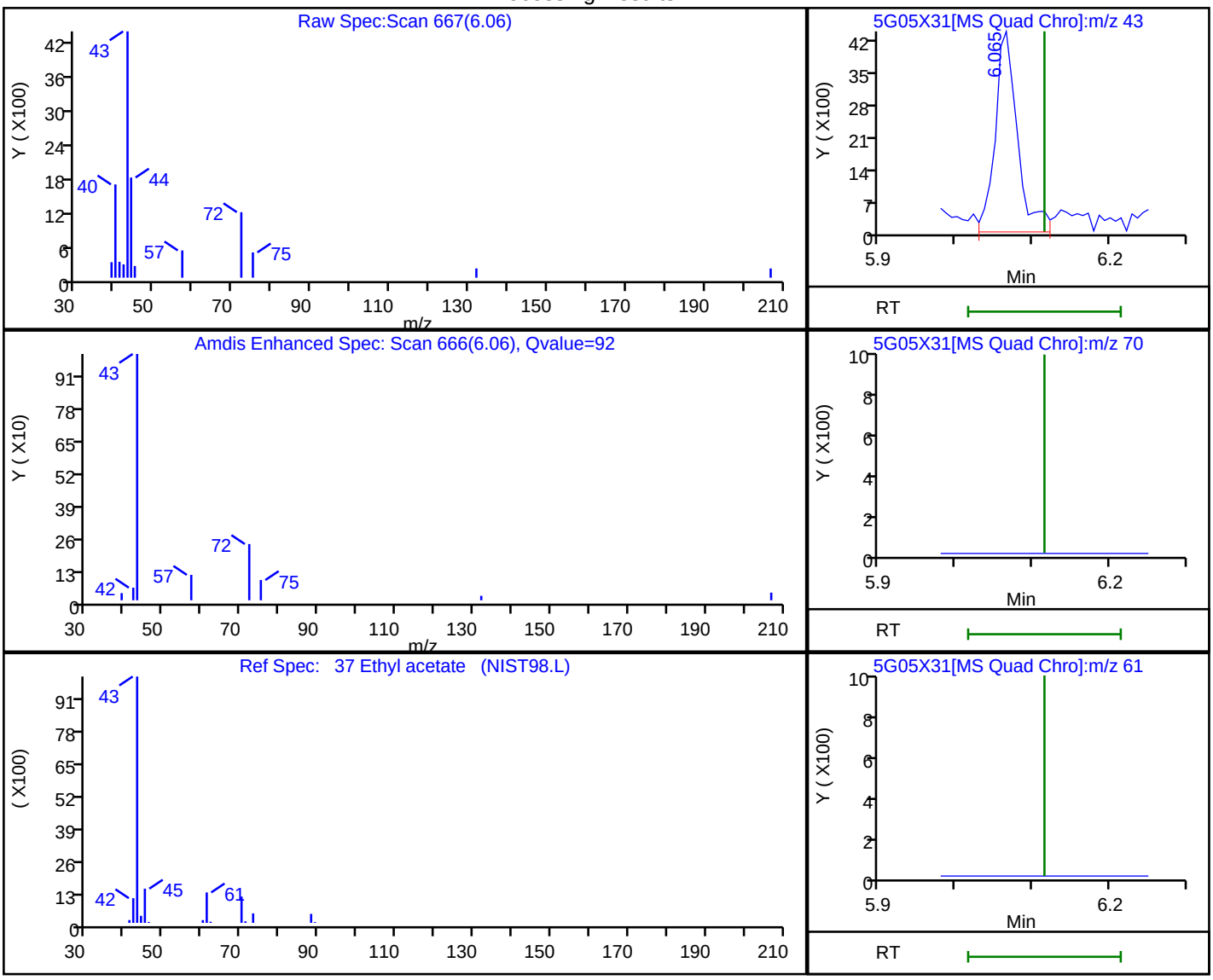
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\5G05X31.D				
Injection Date:	06-Aug-2025 17:26:56	Instrument ID:	HP22820		
Lims ID:	410-236563-A-4	Lab Sample ID:	410-236563-4		
Client ID:	2127				
Operator ID:	al109694	ALS Bottle#:	11	Worklist Smp#:	31
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

37 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
6.06	43.00	8665	0.151887
6.11	70.00	0	
6.11	61.00	0	

Reviewer: D7UM, 11-Aug-2025 09:46:31 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2128 Lab Sample ID: 410-236563-5

Matrix: Air Lab File ID: 5G05X32.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 17:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2128 Lab Sample ID: 410-236563-5

Matrix: Air Lab File ID: 5G05X32.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 17:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2128 Lab Sample ID: 410-236563-5

Matrix: Air Lab File ID: 5G05X32.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 17:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2128 Lab Sample ID: 410-236563-5

Matrix: Air Lab File ID: 5G05X32.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/06/2025 17:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681150 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\5G05X32.D				
Lims ID:	410-236563-A-5				
Client ID:	2128				
Sample Type:	Client				
Inject. Date:	06-Aug-2025 17:51:41	ALS Bottle#:	12	Worklist Smp#:	32
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN10046				
Misc. Info.:	410-0155619-032				
Operator ID:	al109694	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	11-Aug-2025 10:15:19	Calib Date:	20-Jun-2025 20:16:24		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1635				
First Level Reviewer: D7UM		Date:	11-Aug-2025 10:15:19		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.794	3.787	0.007	100	24863	0.7389	
20 Carbon disulfide	76	4.016	4.016	0.007	99	7367	0.1005	
36 2-Butanone (MEK)	43	6.065	6.058	0.007	98	5619	0.1250	
* 39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	95	114535	10.0	
* 51 1,4-Difluorobenzene	114	7.275	7.275	0.000	94	494682	10.0	
* 72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.072	86	535562	10.0	

QC Flag Legend

Processing Flags

Reagents:

AIRIS200 ppb_00510 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 11-Aug-2025 12:12:02 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\5G05X32.D

Injection Date: 06-Aug-2025 17:51:41 Instrument ID: HP22820

Lims ID: 410-236563-A-5 Lab Sample ID: 410-236563-5

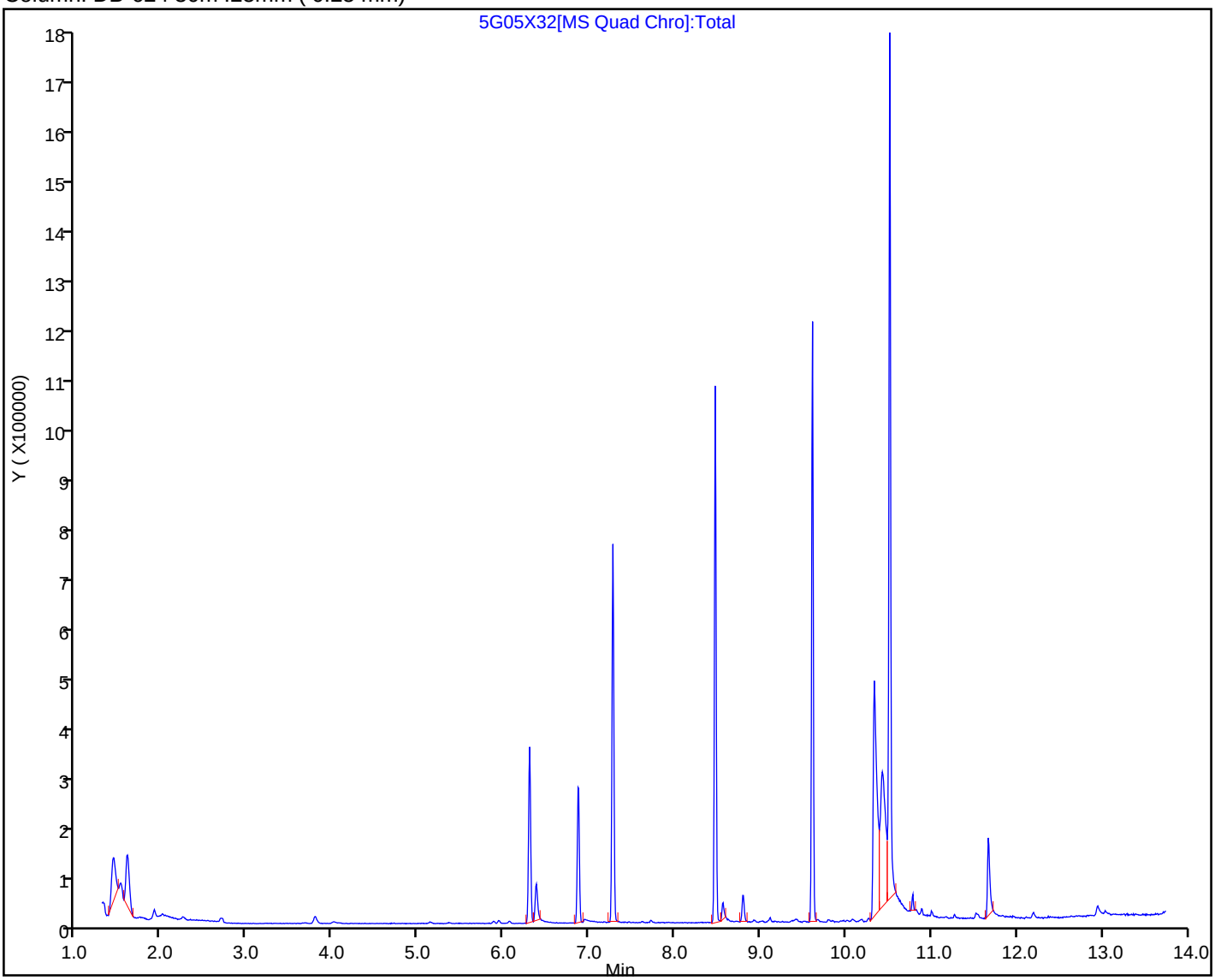
Client ID: 2128

Operator ID: al109694 ALS Bottle#: 12 Worklist Smp#: 32

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_TO15_HP22820 Limit Group: MSV - TO15

Column: DB-624 30m .25mm (0.25 mm)



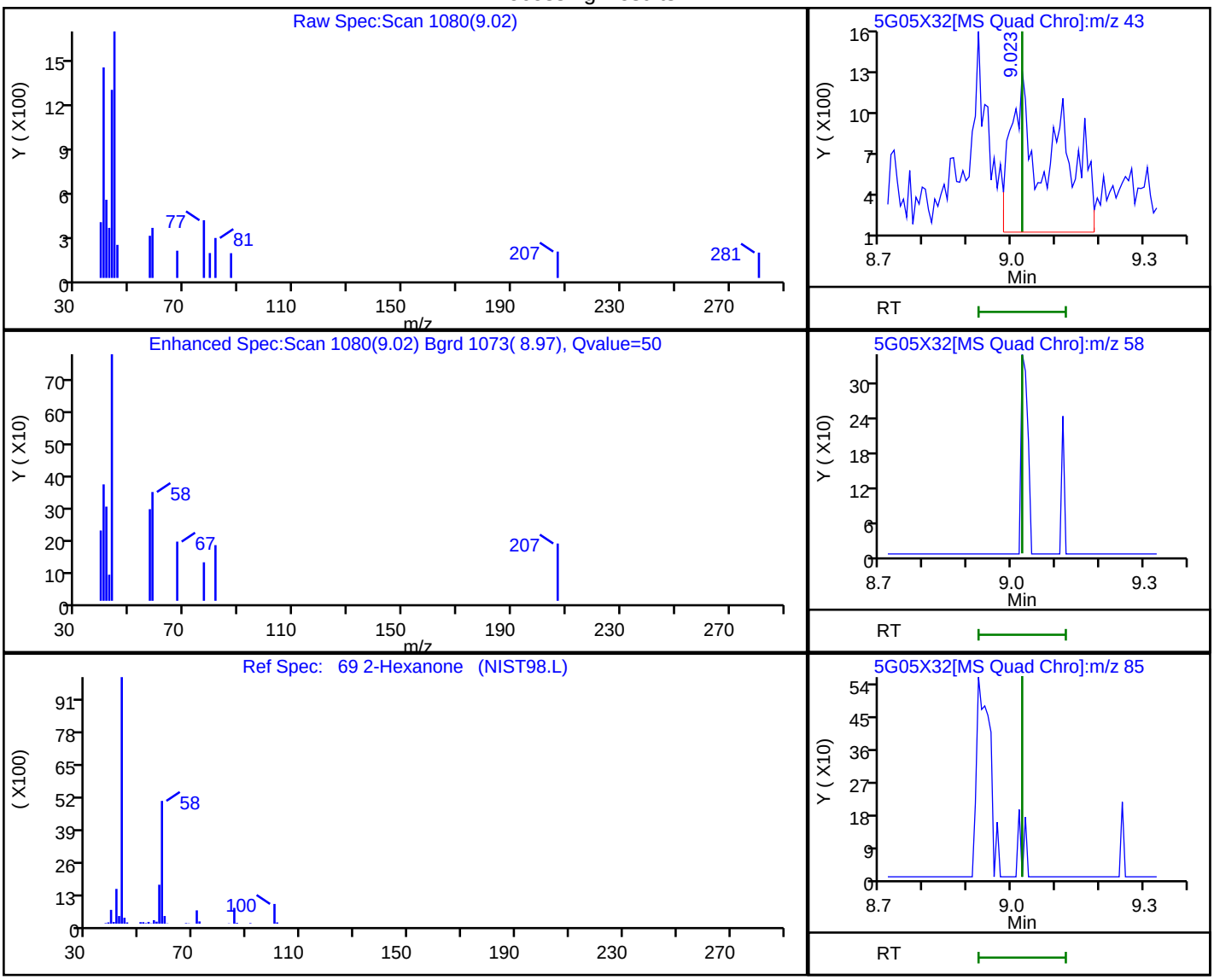
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250805-155619.b\5G05X32.D				
Injection Date:	06-Aug-2025 17:51:41	Instrument ID:	HP22820		
Lims ID:	410-236563-A-5	Lab Sample ID:	410-236563-5		
Client ID:	2128				
Operator ID:	al109694	ALS Bottle#:	12	Worklist Smp#:	32
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
9.02	43.00	7121	0.155676
9.02	58.00	0	
9.02	85.00	0	

Reviewer: D7UM, 11-Aug-2025 09:48:04 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2082 Lab Sample ID: 410-236563-6

Matrix: Air Lab File ID: 5G06X09.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 07:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.32	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.4	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2082 Lab Sample ID: 410-236563-6

Matrix: Air Lab File ID: 5G06X09.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 07:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2082 Lab Sample ID: 410-236563-6

Matrix: Air Lab File ID: 5G06X09.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 07:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2082 Lab Sample ID: 410-236563-6

Matrix: Air Lab File ID: 5G06X09.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 07:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X09.D				
Lims ID:	410-236563-A-6				
Client ID:	2082				
Sample Type:	Client				
Inject. Date:	07-Aug-2025 07:57:56	ALS Bottle#:	5	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN9994				
Misc. Info.:	410-0155761-009				
Operator ID:	al109694	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	11-Aug-2025 10:46:02	Calib Date:	20-Jun-2025 20:16:24		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1635				
First Level Reviewer: D7UM		Date:	08-Aug-2025 09:28:35		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.787	3.787	0.000	100	76862	2.36	
20 Carbon disulfide	76	4.016	4.009	0.007	94	6220	0.0877	
36 2-Butanone (MEK)	43	6.065	6.058	0.007	100	13868	0.3186	
* 39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	94	110882	10.0	
* 51 1,4-Difluorobenzene	114	7.275	7.276	-0.001	95	448165	10.0	
* 72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.072	86	484514	10.0	

QC Flag Legend

Processing Flags

Reagents:

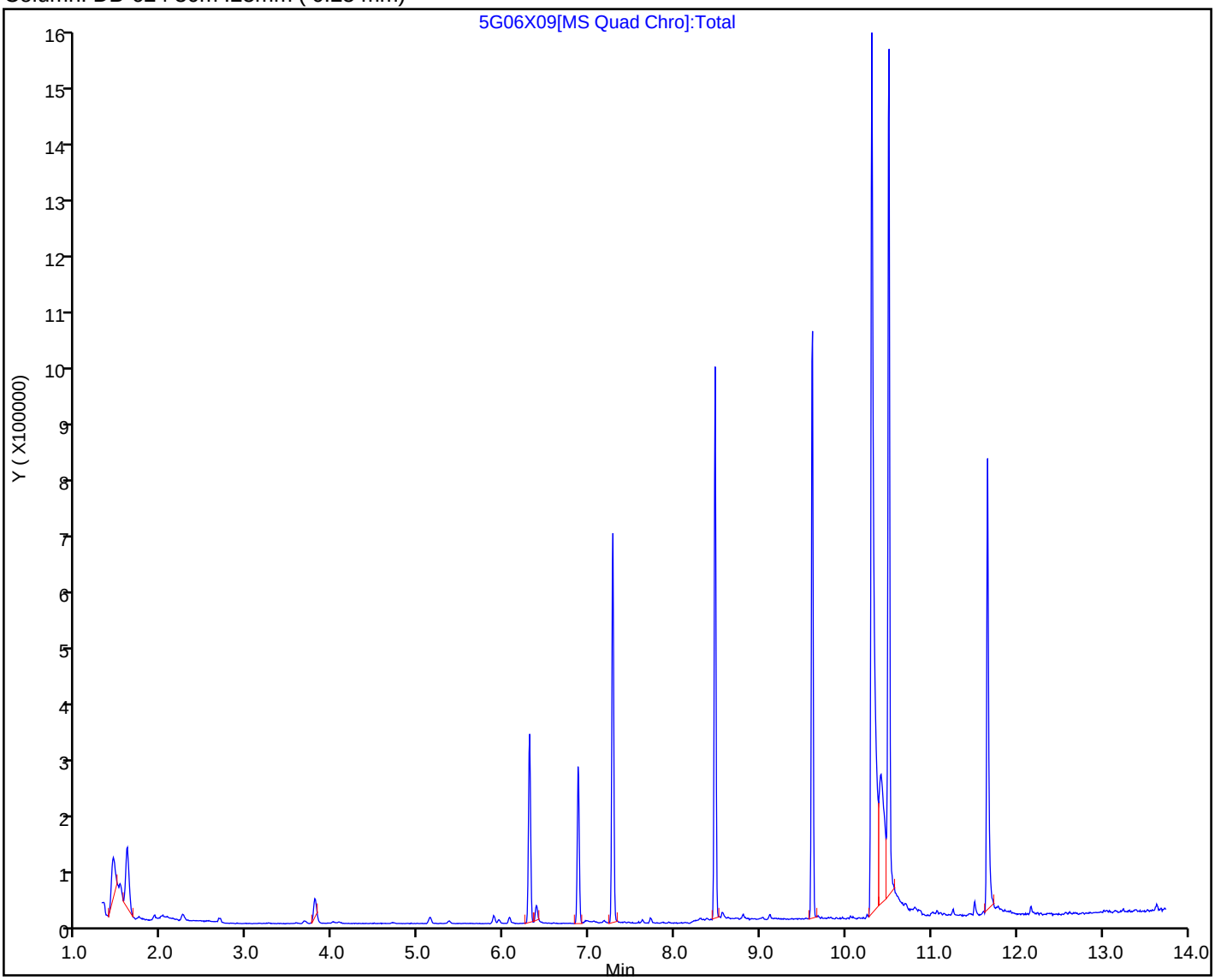
AIRIS200 ppb_00510 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 11-Aug-2025 12:23:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X09.D				
Injection Date:	07-Aug-2025 07:57:56	Instrument ID:	HP22820		
Lims ID:	410-236563-A-6	Lab Sample ID:	410-236563-6		
Client ID:	2082				
Operator ID:	al109694	ALS Bottle#:	5	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

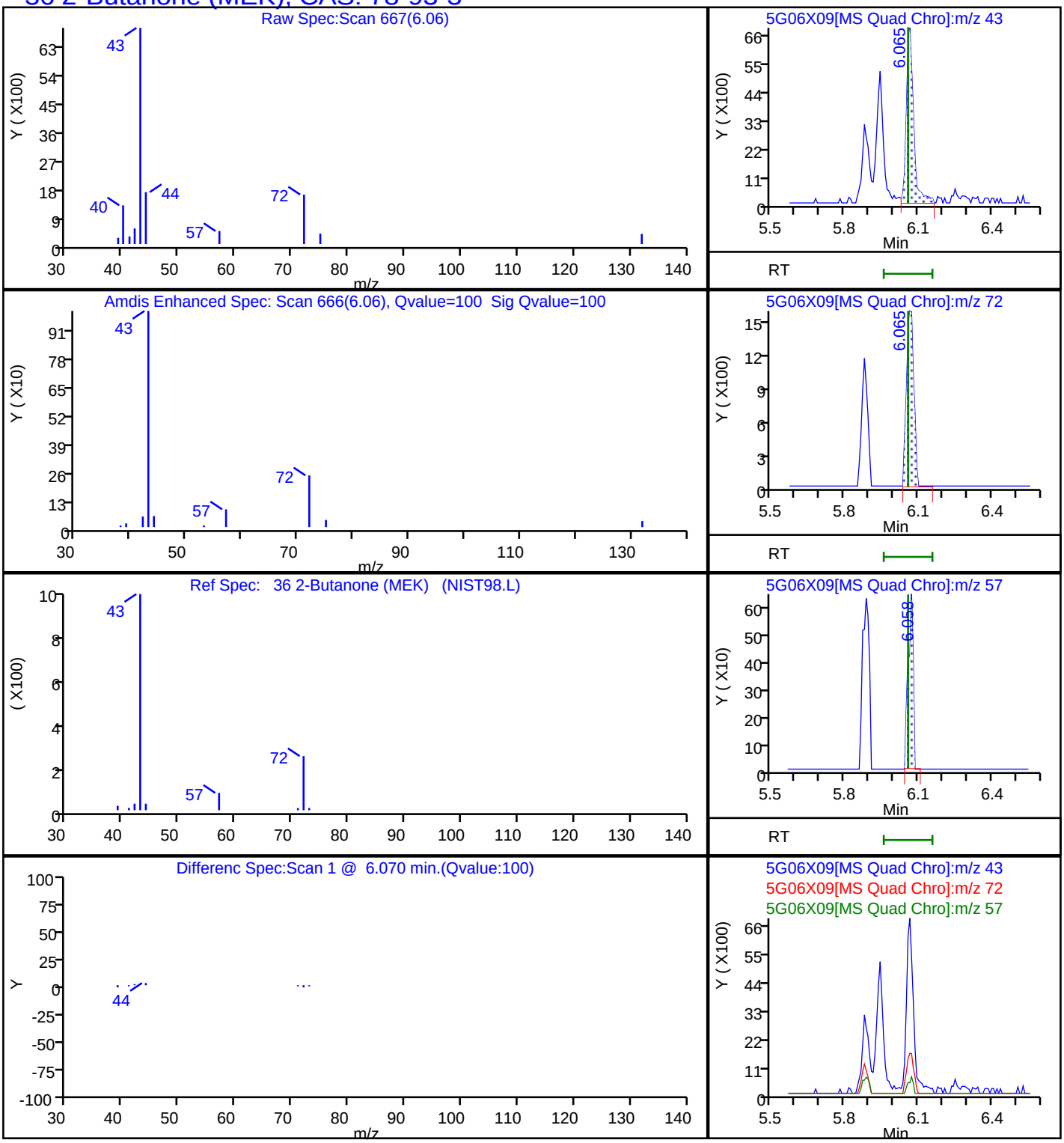


Report Date: 11-Aug-2025 12:23:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X09.D				
Injection Date:	07-Aug-2025 07:57:56	Instrument ID:	HP22820		
Lims ID:	410-236563-A-6	Lab Sample ID:	410-236563-6		
Client ID:	2082				
Operator ID:	al109694	ALS Bottle#:	5	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

36 2-Butanone (MEK), CAS: 78-93-3



Report Date: 11-Aug-2025 12:23:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X09.D

Injection Date: 07-Aug-2025 07:57:56 Instrument ID: HP22820

Lims ID: 410-236563-A-6 Lab Sample ID: 410-236563-6

Client ID: 2082

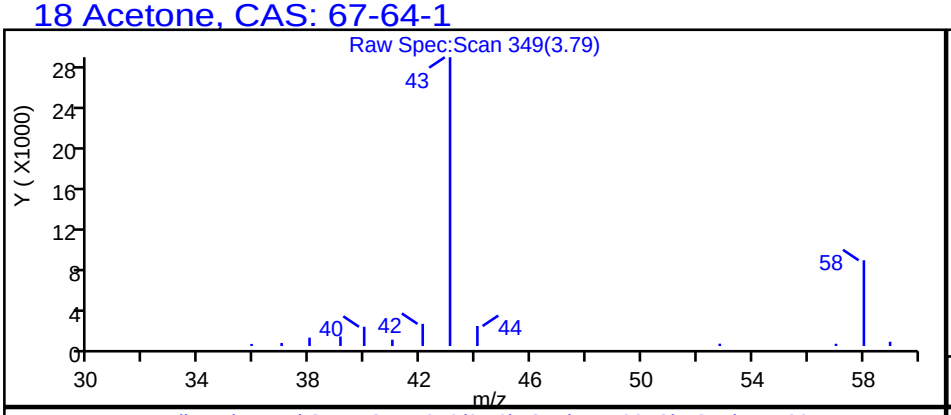
Operator ID: al109694 ALS Bottle#: 5 Worklist Smp#: 9

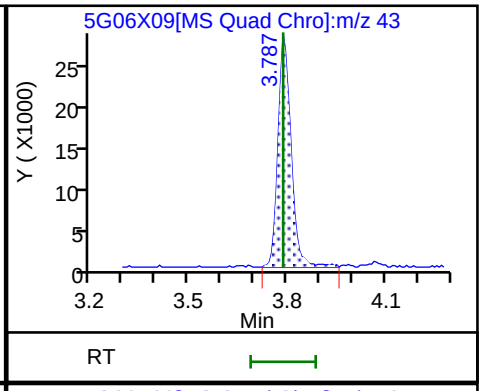
Purge Vol: 200.000 mL Dil. Factor: 1.0000

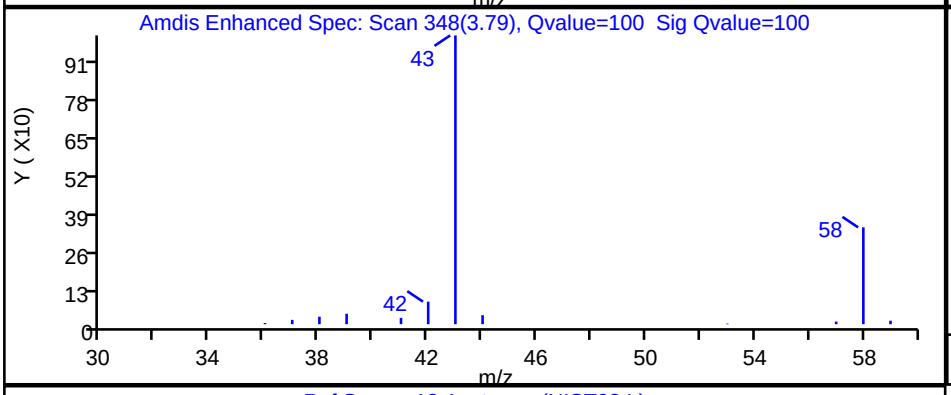
Method: AirMS_TO15_HP22820 Limit Group: MSV - TO15

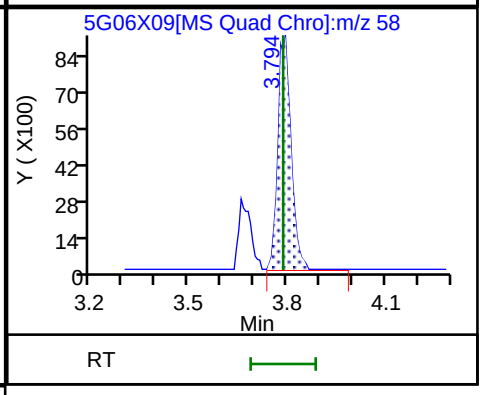
Column: DB-624 30m .25mm (0.25 mm) Detector MS Quad

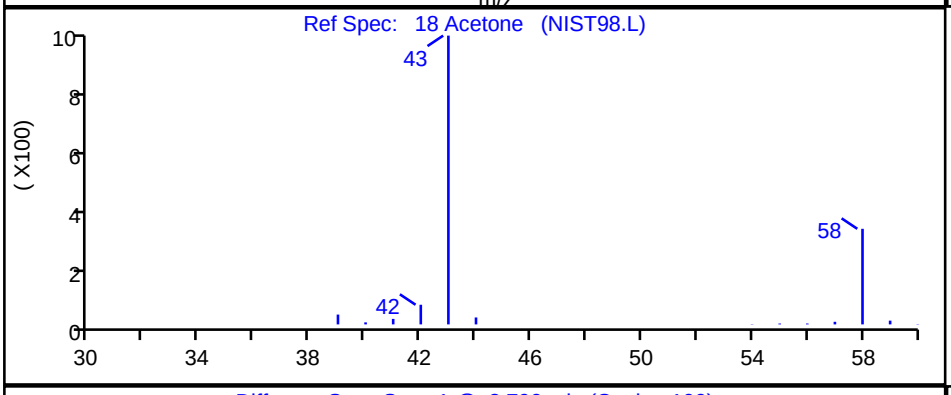
18 Acetone, CAS: 67-64-1

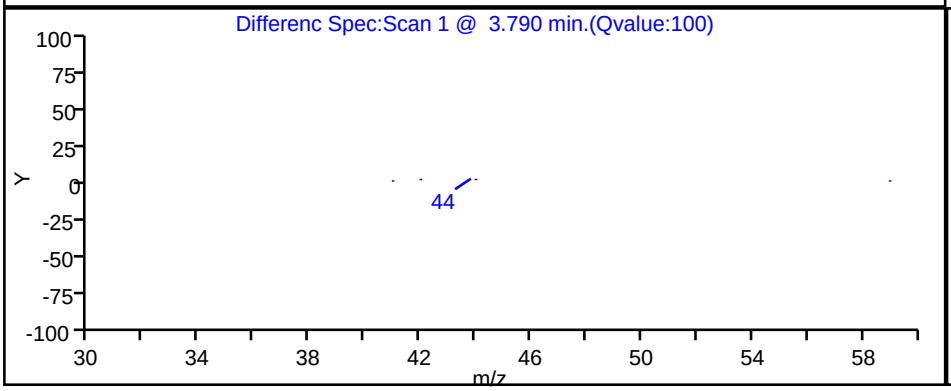


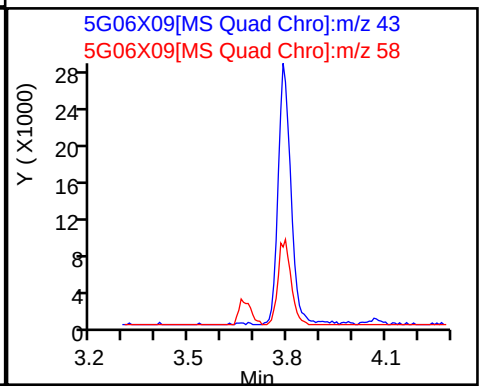












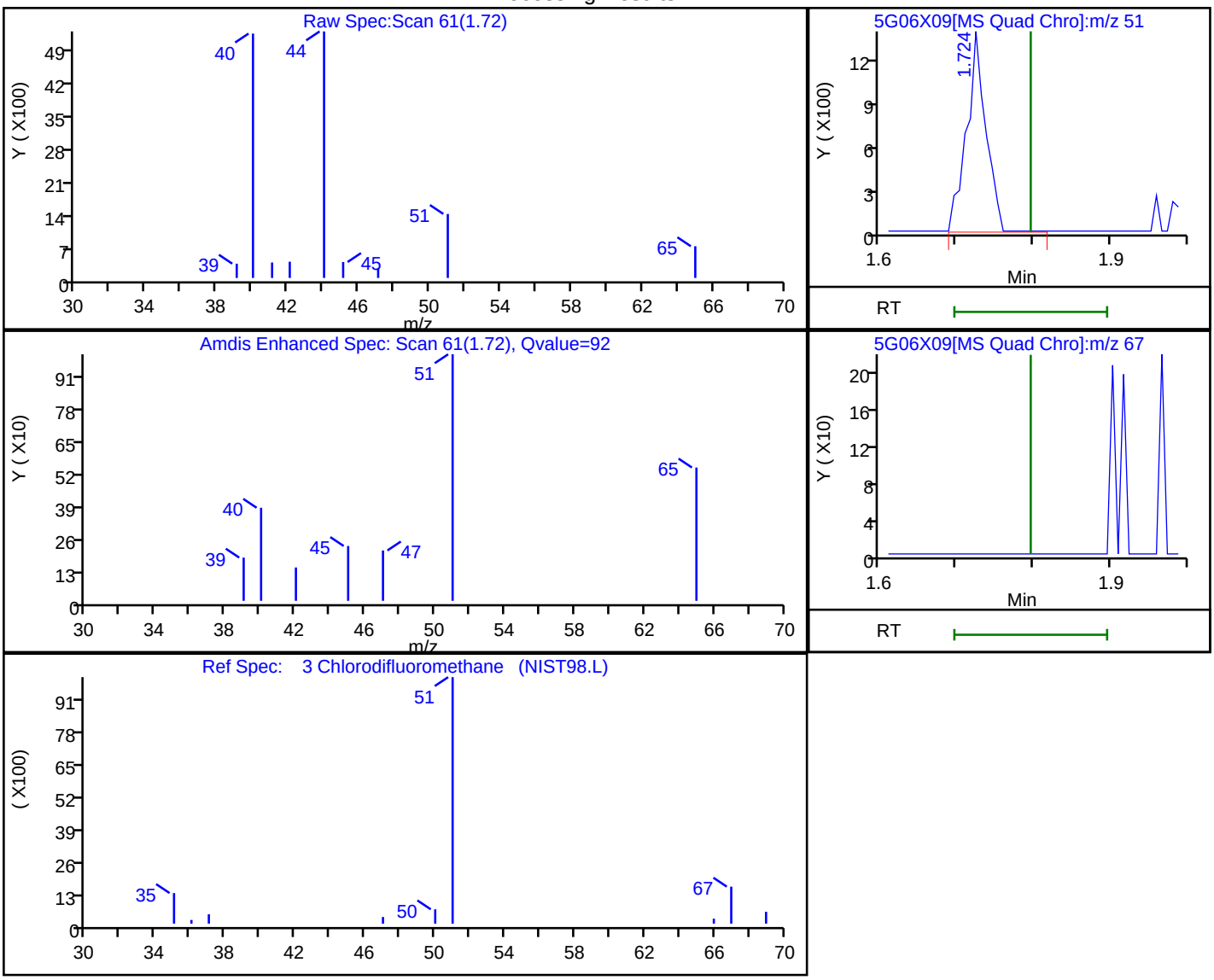
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X09.D				
Injection Date:	07-Aug-2025 07:57:56	Instrument ID:	HP22820		
Lims ID:	410-236563-A-6	Lab Sample ID:	410-236563-6		
Client ID:	2082				
Operator ID:	al109694	ALS Bottle#:	5	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.72	51.00	2359	0.086614
1.80	67.00	0	

Reviewer: D7UM, 11-Aug-2025 10:17:10 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2077 Lab Sample ID: 410-236563-7

Matrix: Air Lab File ID: 5G06X10.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 08:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.28	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.9	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2077 Lab Sample ID: 410-236563-7

Matrix: Air Lab File ID: 5G06X10.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 08:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2077 Lab Sample ID: 410-236563-7

Matrix: Air Lab File ID: 5G06X10.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 08:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2077 Lab Sample ID: 410-236563-7

Matrix: Air Lab File ID: 5G06X10.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 08:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X10.D
Lims ID: 410-236563-A-7
Client ID: 2077
Sample Type: Client
Inject. Date: 07-Aug-2025 08:22:45 ALS Bottle#: 8 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: ccN9935
Misc. Info.: 410-0155761-010
Operator ID: al109694 Instrument ID: HP22820

Method: \\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\AirMS_TO15_HP22820.m
Limit Group: MSV - TO15
Last Update: 11-Aug-2025 10:46:02 Calib Date: 20-Jun-2025 20:16:24
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D

Column 1 : DB-624 30m .25mm (0.25 mm) Det: MS Quad
Process Host: CTX1635

First Level Reviewer: D7UM Date: 11-Aug-2025 10:38:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.794	3.787	0.007	99	59221	1.88	
20 Carbon disulfide	76	4.002	4.009	-0.007	100	6552	0.0957	
21 Isopropyl alcohol	45	4.059	4.066	-0.007	97	22858	0.5942	
36 2-Butanone (MEK)	43	6.065	6.058	0.007	99	11898	0.2834	
* 39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	94	106956	10.0	
* 51 1,4-Difluorobenzene	114	7.275	7.276	-0.001	95	441602	10.0	
69 2-Hexanone	43	9.023	9.023	0.000	89	2455	0.0581	7M
* 72 Chlorobenzene-d5 (IS)	117	9.610	9.539	0.071	86	494303	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

AIRIS200 ppb_00510 Amount Added: 10.00 Units: mL Run Reagent

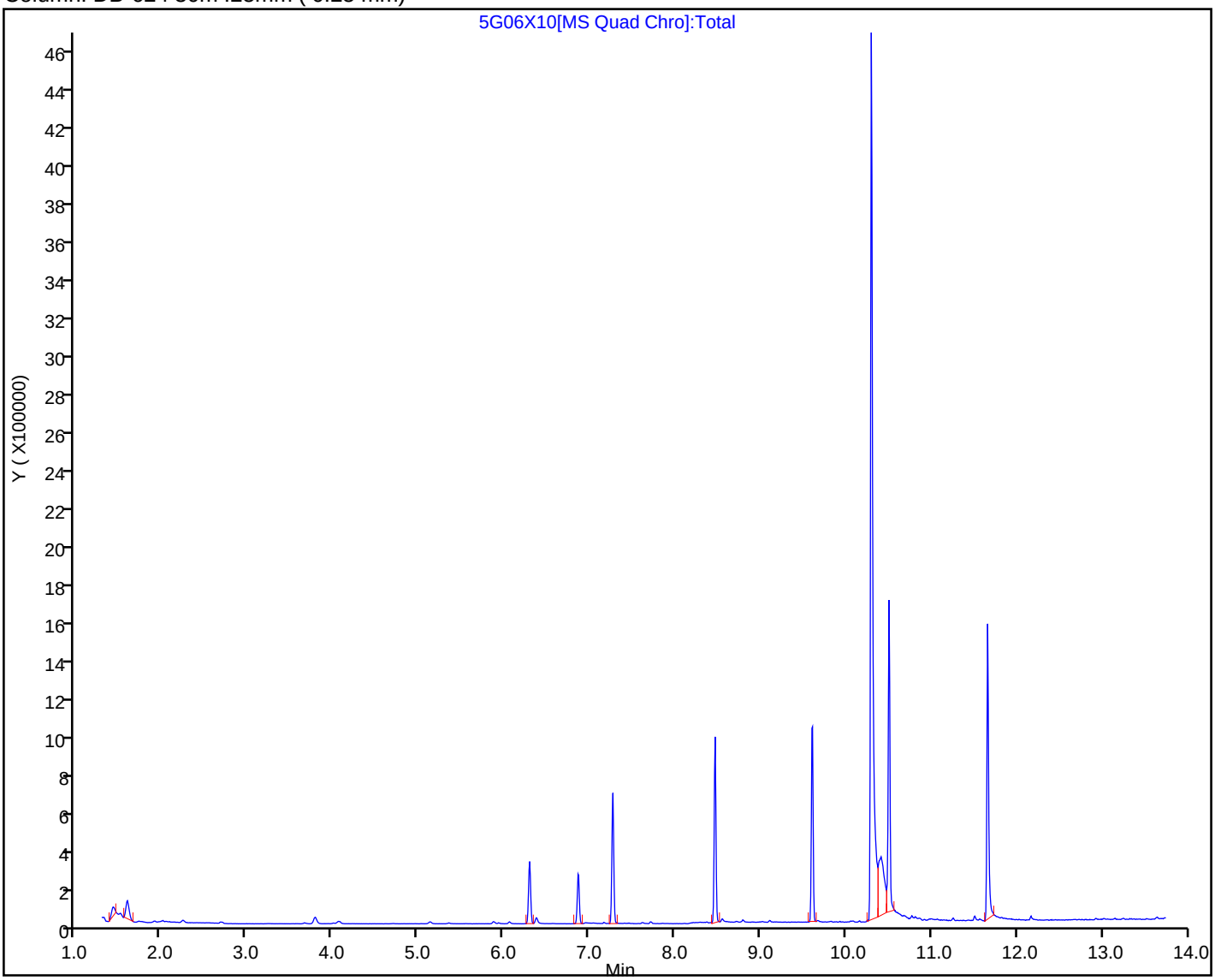
Report Date: 11-Aug-2025 12:23:20 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X10.D

Injection Date:	07-Aug-2025 08:22:45	Instrument ID:	HP22820		
Lims ID:	410-236563-A-7	Lab Sample ID:	410-236563-7		
Client ID:	2077				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

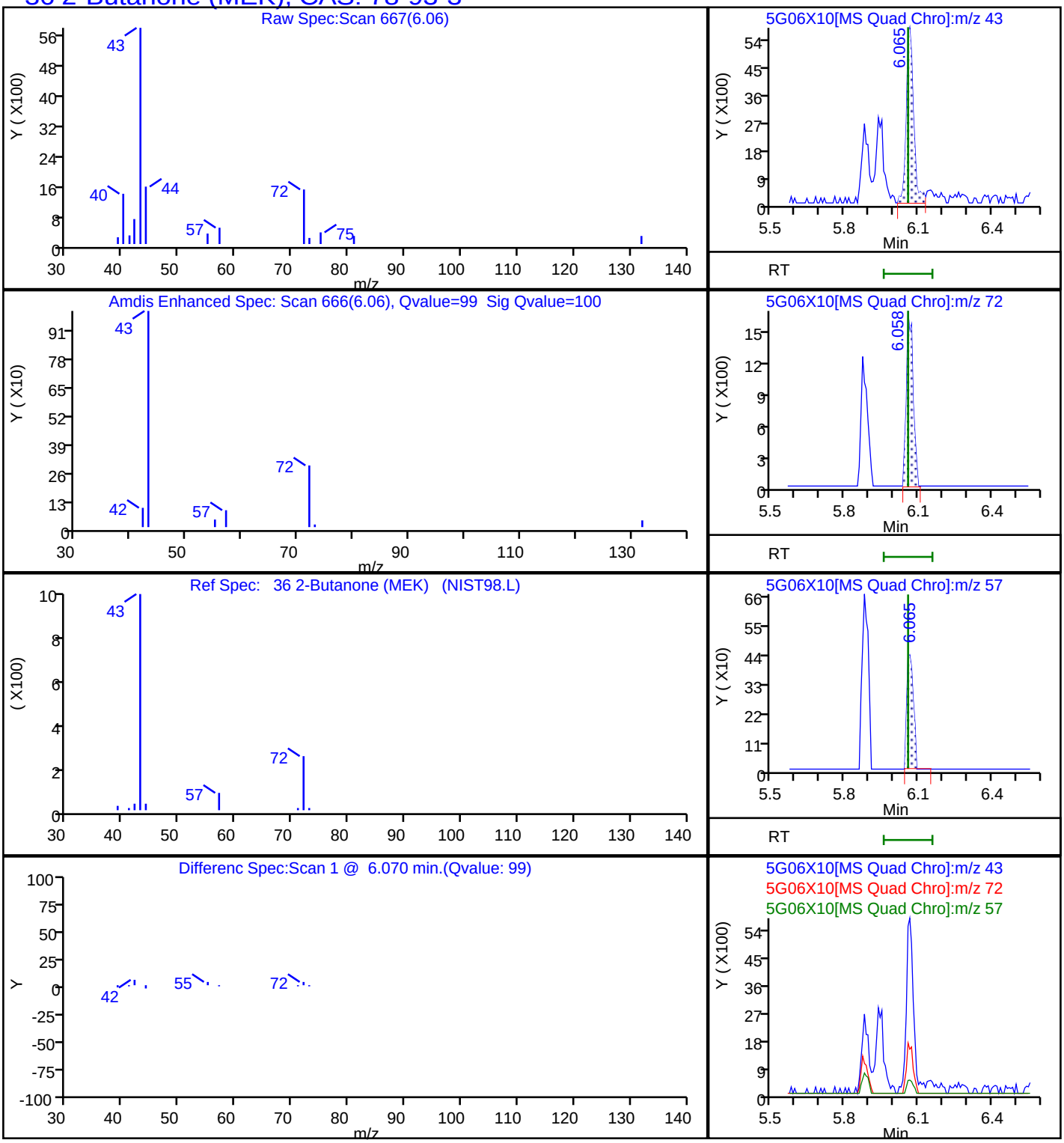


Report Date: 11-Aug-2025 12:23:20 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X10.D				
Injection Date:	07-Aug-2025 08:22:45	Instrument ID:	HP22820		
Lims ID:	410-236563-A-7	Lab Sample ID:	410-236563-7		
Client ID:	2077				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

36 2-Butanone (MEK), CAS: 78-93-3



Report Date: 11-Aug-2025 12:23:20 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X10.D

Injection Date: 07-Aug-2025 08:22:45 Instrument ID: HP22820

Lims ID: 410-236563-A-7 Lab Sample ID: 410-236563-7

Client ID: 2077

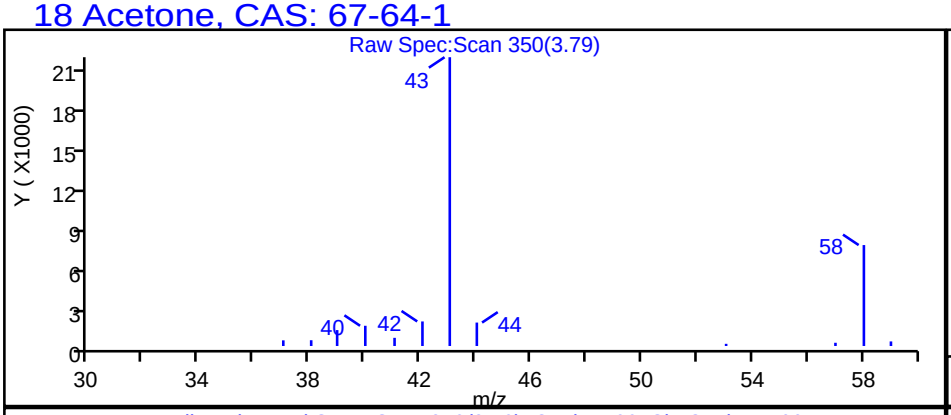
Operator ID: al109694 ALS Bottle#: 8 Worklist Smp#: 10

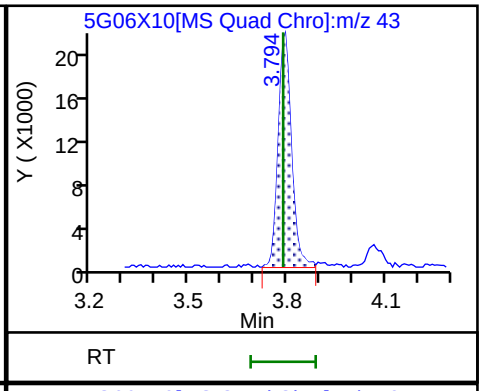
Purge Vol: 200.000 mL Dil. Factor: 1.0000

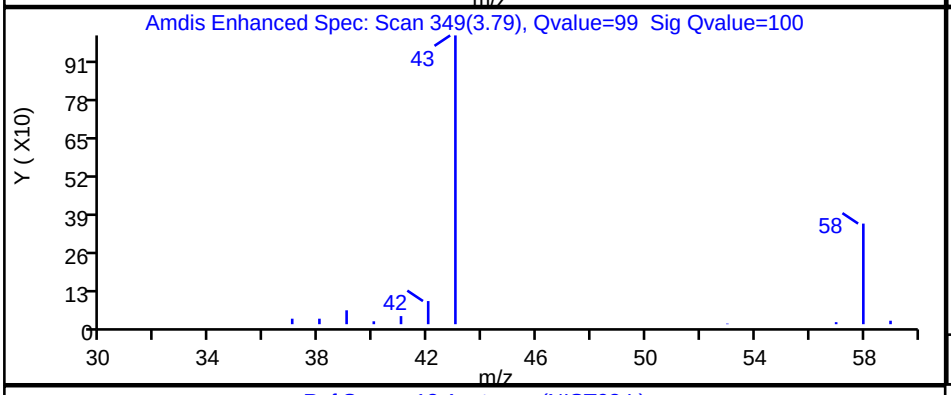
Method: AirMS_TO15_HP22820 Limit Group: MSV - TO15

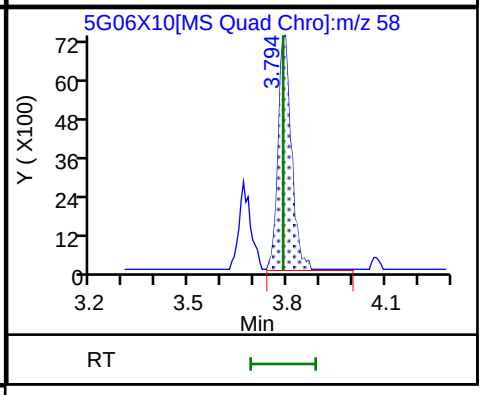
Column: DB-624 30m .25mm (0.25 mm) Detector MS Quad

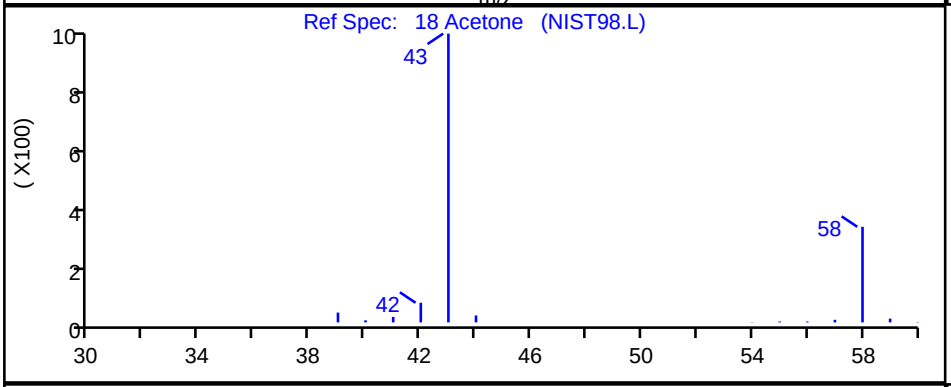
18 Acetone, CAS: 67-64-1

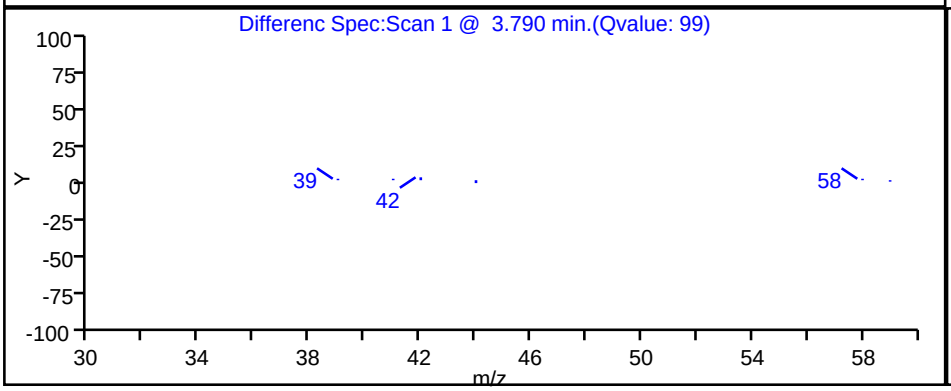


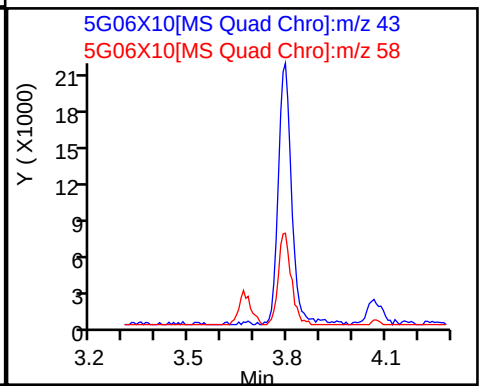












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

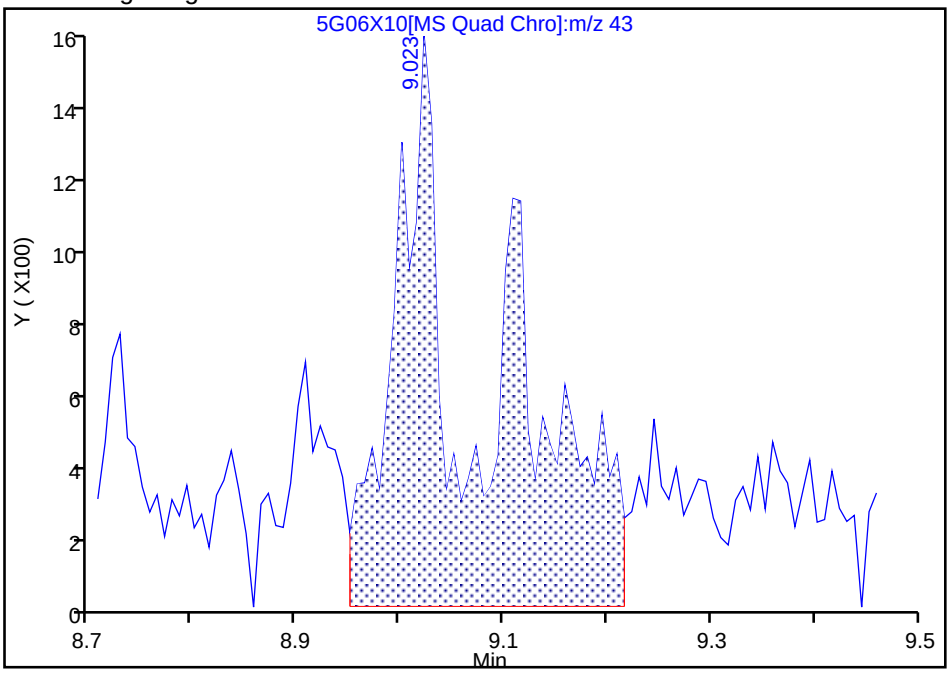
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Injection Date:	07-Aug-2025 08:22:45	Instrument ID:	HP22820		
Lims ID:	410-236563-A-7	Lab Sample ID:	410-236563-7		
Client ID:	2077				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Signal: 1

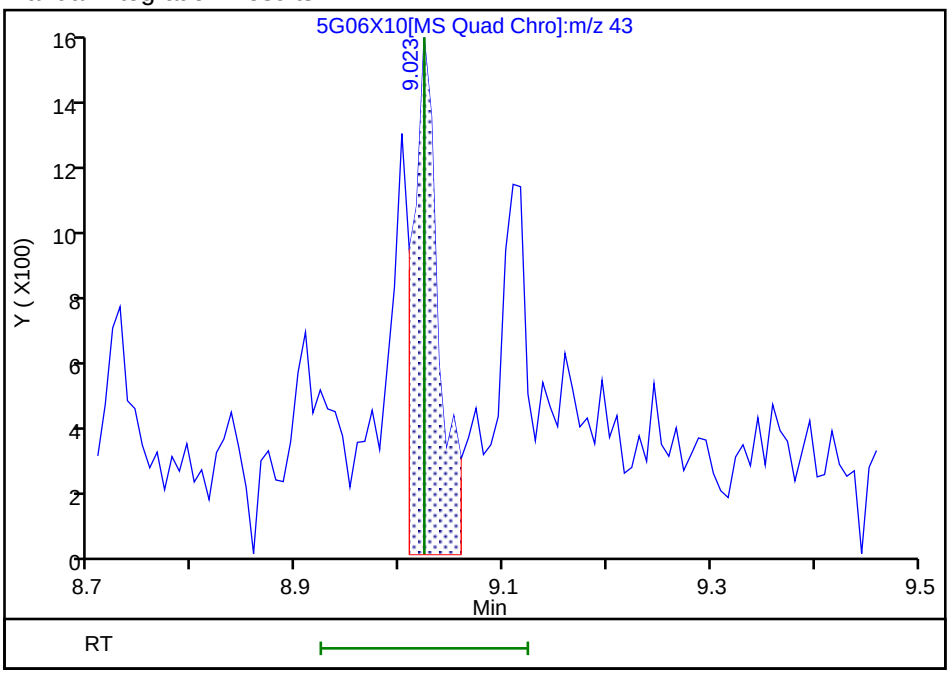
Processing Integration Results

RT: 9.02
Area: 8995
Amount: 0.213058
Amount Units: ppb v/v



Manual Integration Results

RT: 9.02
Area: 2455
Amount: 0.058150
Amount Units: ppb v/v



Reviewer: D7UM, 11-Aug-2025 10:37:56 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

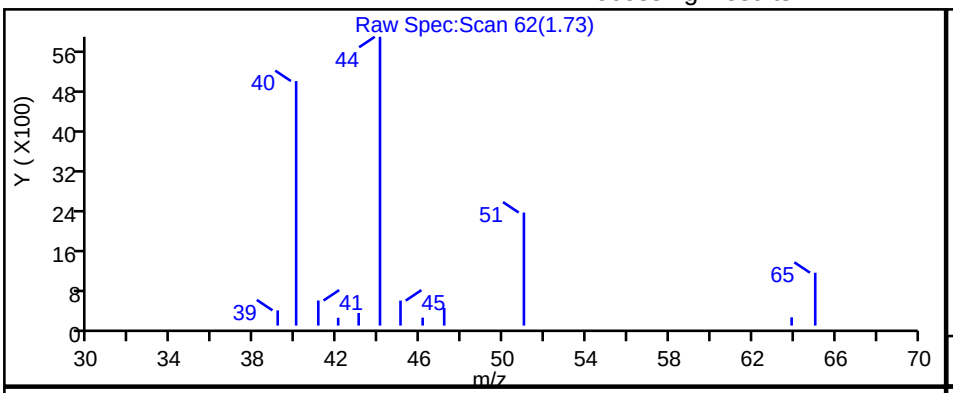
User Disabled Compound Report

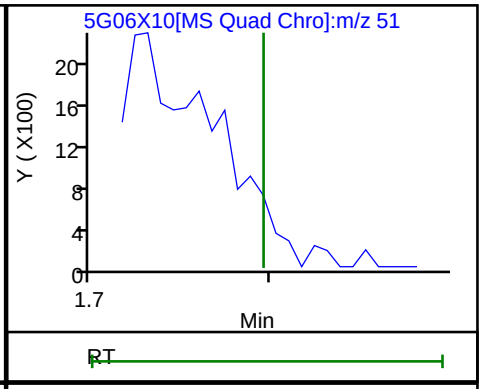
Eurofins Lancaster Laboratories Environment Testing, LLC

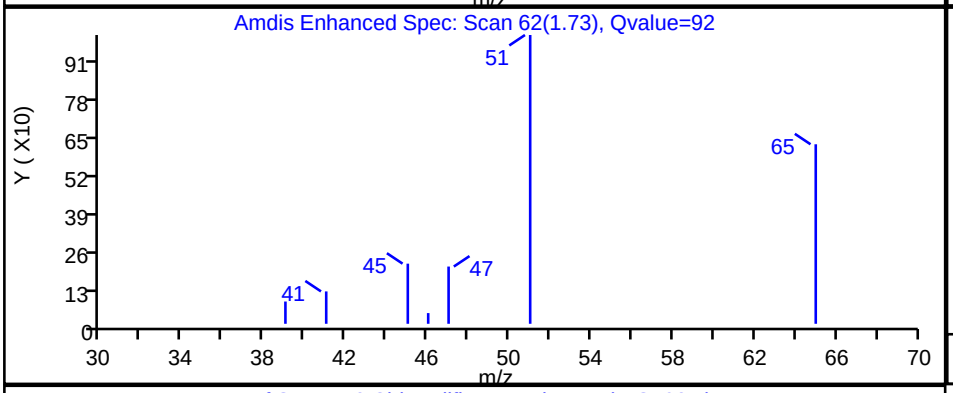
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Injection Date:	07-Aug-2025 08:22:45	Instrument ID:	HP22820		
Lims ID:	410-236563-A-7	Lab Sample ID:	410-236563-7		
Client ID:	2077				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

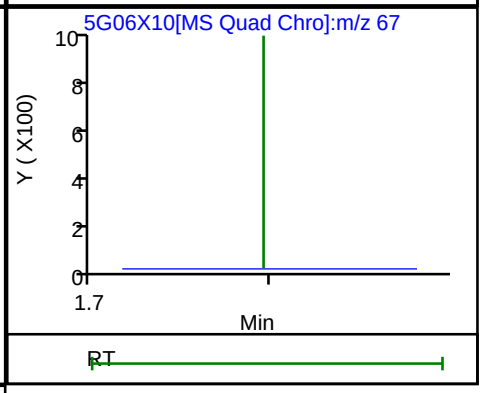
3 Chlorodifluoromethane, CAS: 75-45-6

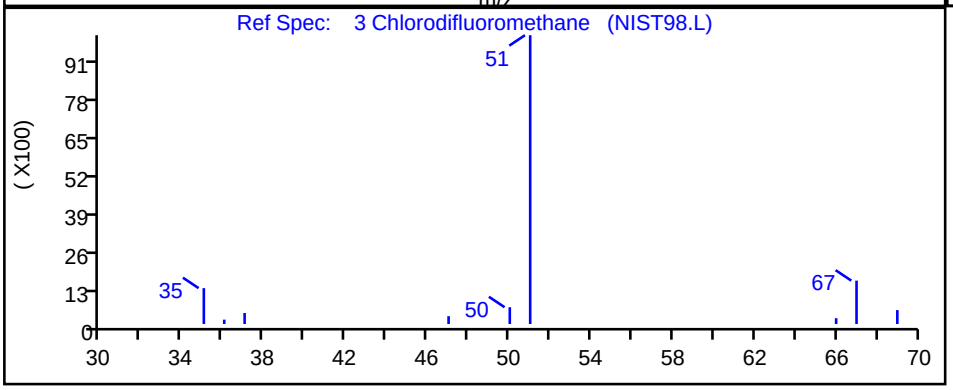
Processing Results











RT	Mass	Response	Amount
1.73	51.00	4365	0.166151
1.80	67.00	0	

Reviewer: D7UM, 11-Aug-2025 10:37:23 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2074 Lab Sample ID: 410-236563-8

Matrix: Air Lab File ID: 5G06X12.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 09:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.2	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2074 Lab Sample ID: 410-236563-8

Matrix: Air Lab File ID: 5G06X12.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 09:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2074 Lab Sample ID: 410-236563-8

Matrix: Air Lab File ID: 5G06X12.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 09:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2074 Lab Sample ID: 410-236563-8

Matrix: Air Lab File ID: 5G06X12.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 09:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X12.D
Lims ID: 410-236563-A-8
Client ID: 2074
Sample Type: Client
Inject. Date: 07-Aug-2025 09:12:19 ALS Bottle#: 10 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: ccN10007
Misc. Info.: 410-0155761-012
Operator ID: al109694 Instrument ID: HP22820

Method: \\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\AirMS_TO15_HP22820.m
Limit Group: MSV - TO15
Last Update: 11-Aug-2025 10:46:02 Calib Date: 20-Jun-2025 20:16:24
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D

Column 1 : DB-624 30m .25mm (0.25 mm) Det: MS Quad
Process Host: CTX1635

First Level Reviewer: D7UM Date: 08-Aug-2025 09:27:57

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	18 Acetone	43	3.787	3.787	0.000	99	36409	1.15	
	20 Carbon disulfide	76	4.009	4.009	0.000	97	7591	0.1102	
	26 2-Methyl-2-propanol	59	4.704	4.704	0.000	97	9499	0.1945	
	36 2-Butanone (MEK)	43	6.065	6.058	0.007	98	6606	0.1563	
*	39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	94	107669	10.0	
*	51 1,4-Difluorobenzene	114	7.275	7.276	-0.001	94	450189	10.0	
*	72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.072	86	486765	10.0	

QC Flag Legend
Processing Flags

Reagents:
AIRIS200 ppb_00510 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 11-Aug-2025 12:23:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date: 07-Aug-2025 09:12:19 Instrument ID: HP22820

Lims ID: 410-236563-A-8 Lab Sample ID: 410-236563-8

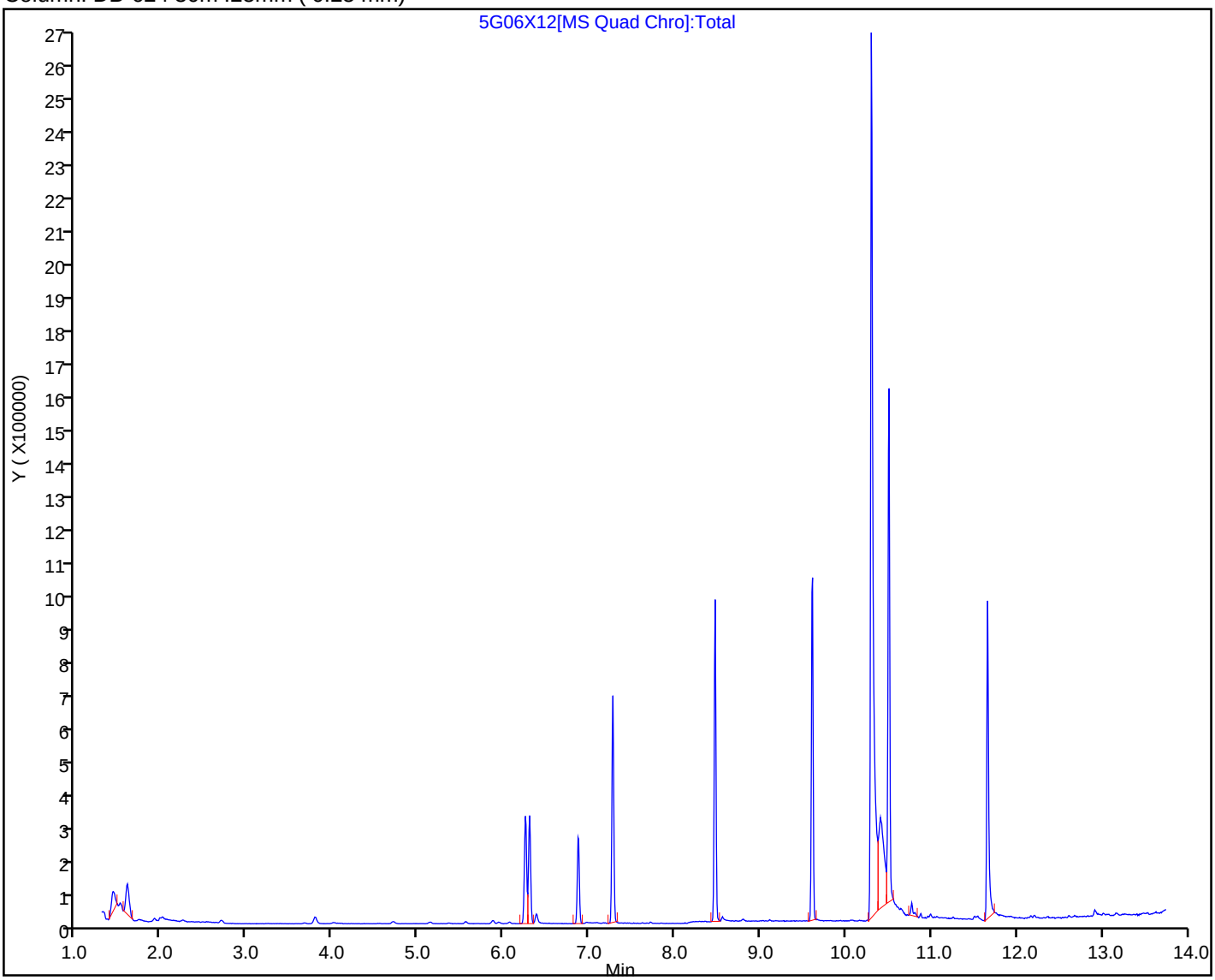
Client ID: 2074

Operator ID: al109694 ALS Bottle#: 10 Worklist Smp#: 12

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_TO15_HP22820 Limit Group: MSV - TO15

Column: DB-624 30m .25mm (0.25 mm)



Report Date: 11-Aug-2025 12:23:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X12.D

Injection Date: 07-Aug-2025 09:12:19 Instrument ID: HP22820

Lims ID: 410-236563-A-8 Lab Sample ID: 410-236563-8

Client ID: 2074

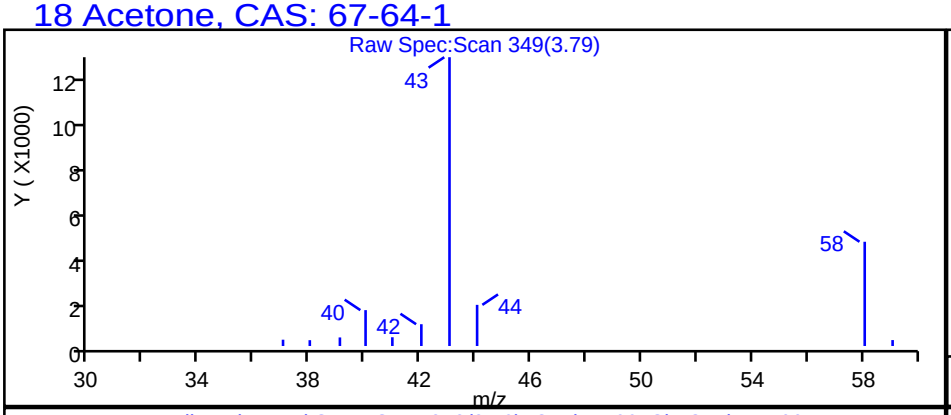
Operator ID: al109694 ALS Bottle#: 10 Worklist Smp#: 12

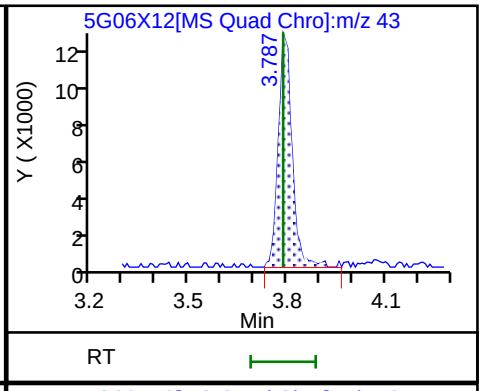
Purge Vol: 200.000 mL Dil. Factor: 1.0000

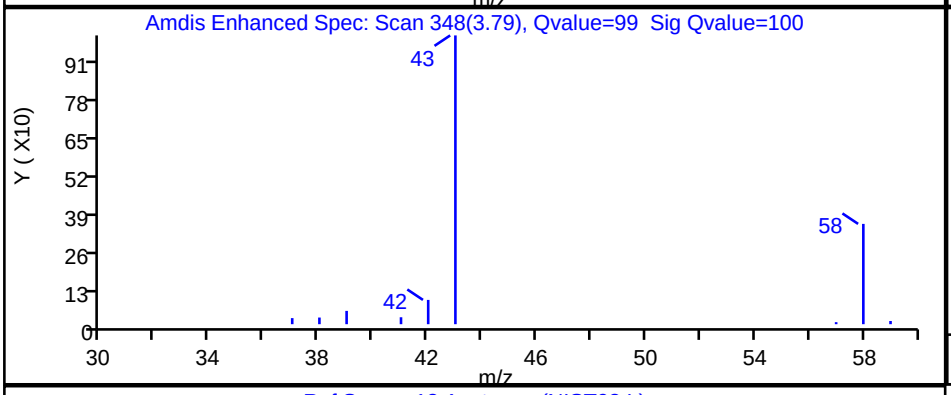
Method: AirMS_TO15_HP22820 Limit Group: MSV - TO15

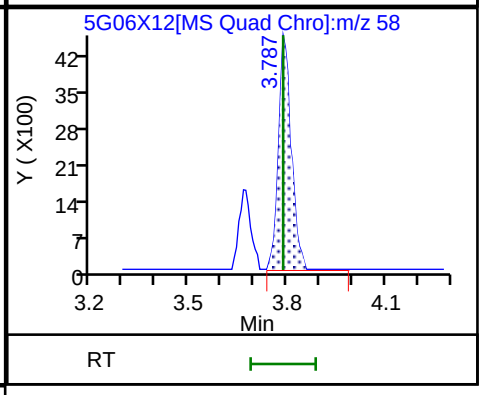
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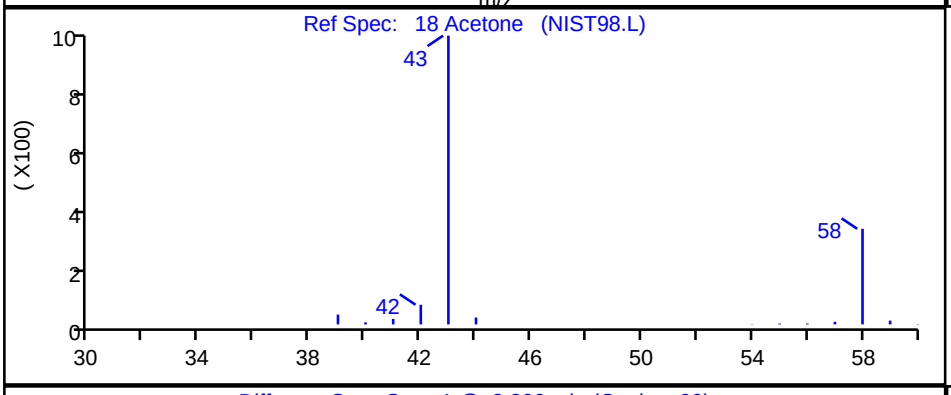
18 Acetone, CAS: 67-64-1

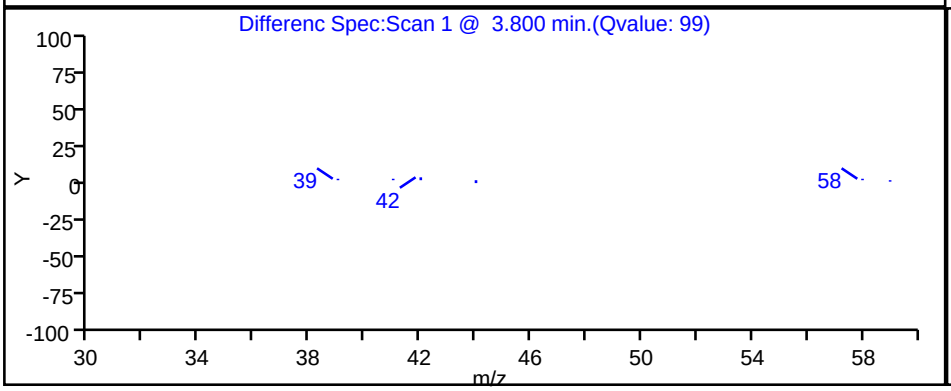


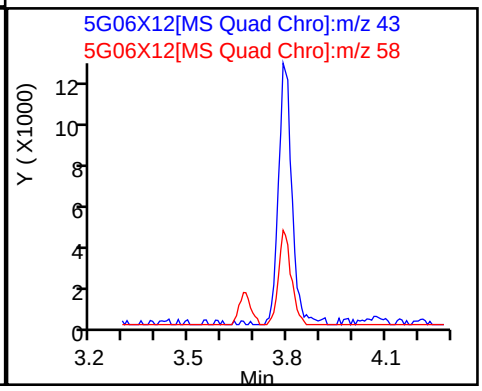












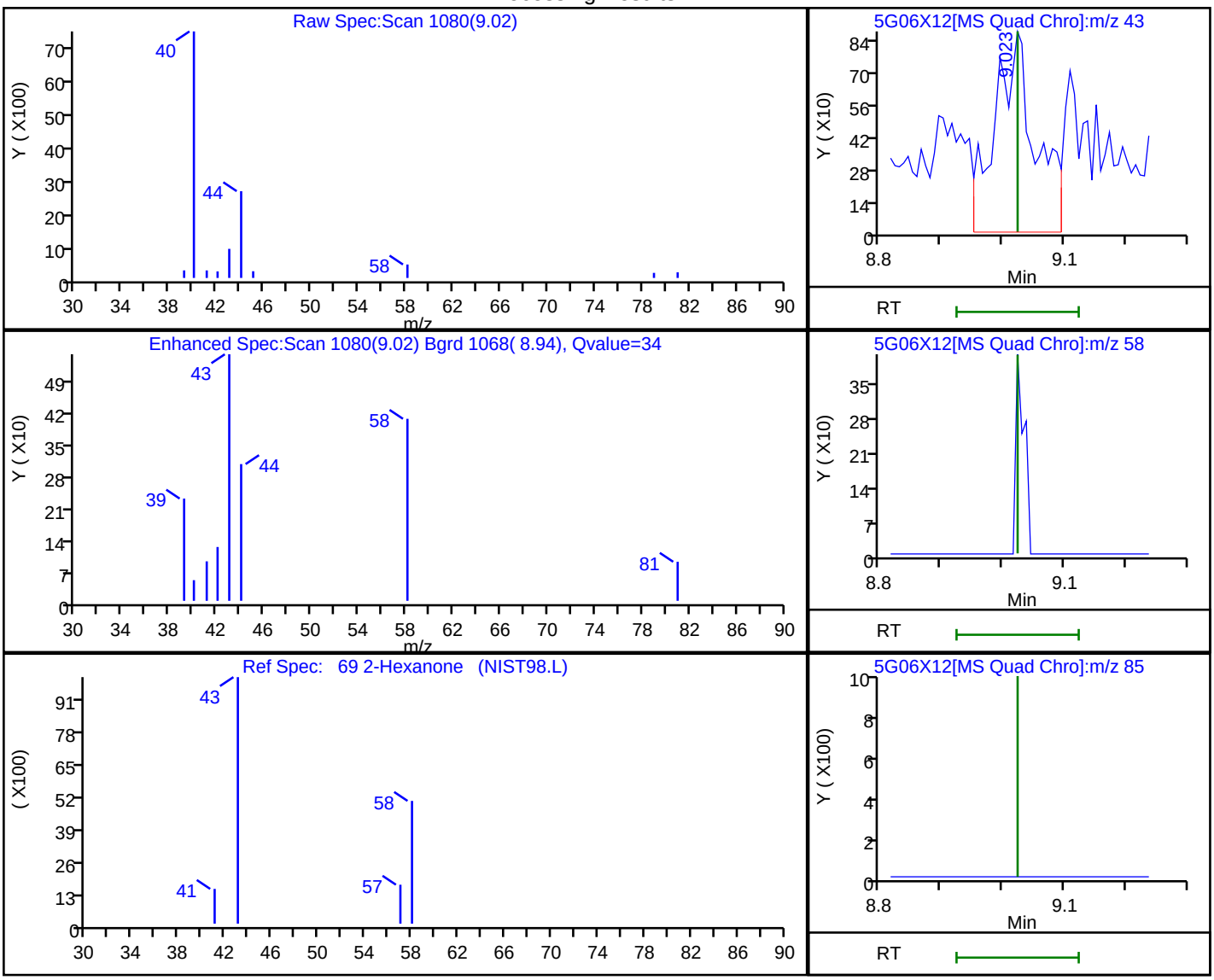
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X12.D				
Injection Date:	07-Aug-2025 09:12:19	Instrument ID:	HP22820		
Lims ID:	410-236563-A-8	Lab Sample ID:	410-236563-8		
Client ID:	2074				
Operator ID:	al109694	ALS Bottle#:	10	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
9.02	43.00	3955	0.095130
9.02	58.00	0	
9.02	85.00	0	

Reviewer: D7UM, 11-Aug-2025 10:39:16 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

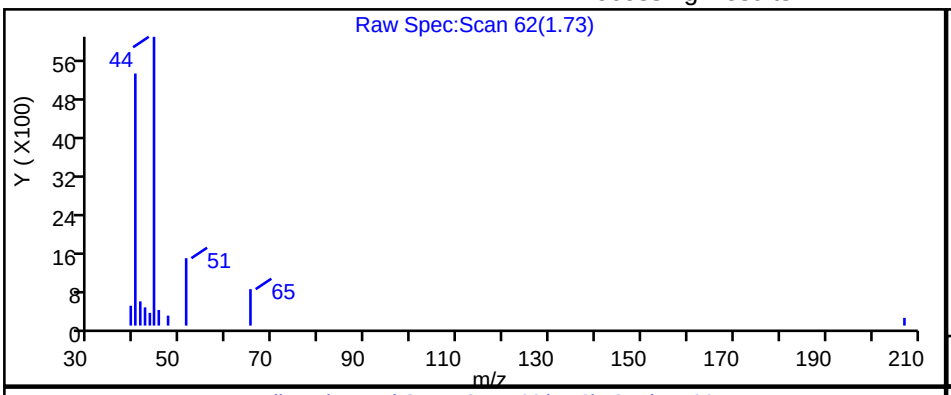
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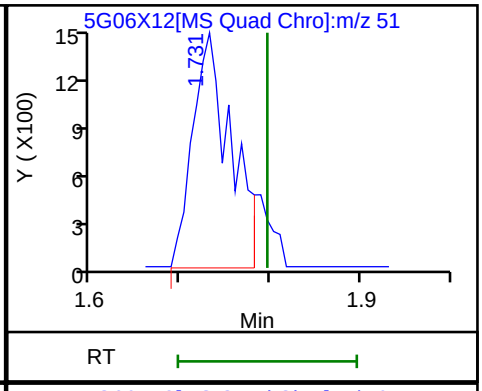
Eurofins Lancaster Laboratories Environment Testing, LLC

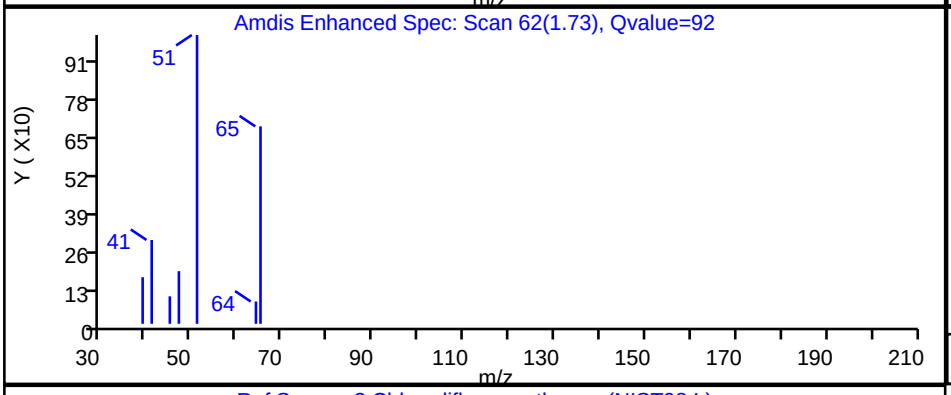
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Injection Date:	07-Aug-2025 09:12:19	Instrument ID:	HP22820		
Lims ID:	410-236563-A-8	Lab Sample ID:	410-236563-8		
Client ID:	2074				
Operator ID:	al109694	ALS Bottle#:	10	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

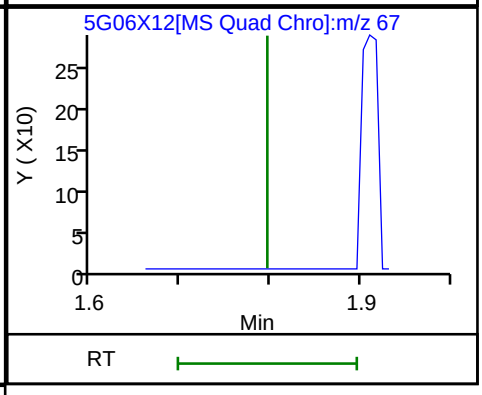
3 Chlorodifluoromethane, CAS: 75-45-6

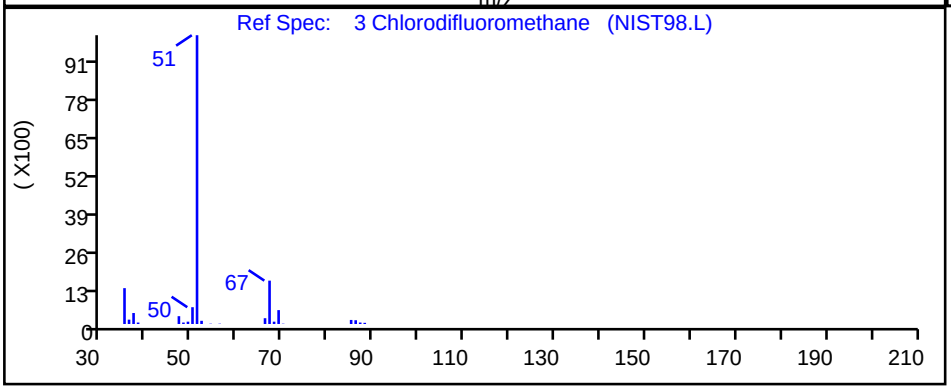
Processing Results











RT	Mass	Response	Amount
1.73	51.00	4101	0.155068
1.80	67.00	0	

Reviewer: D7UM, 11-Aug-2025 10:38:40 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

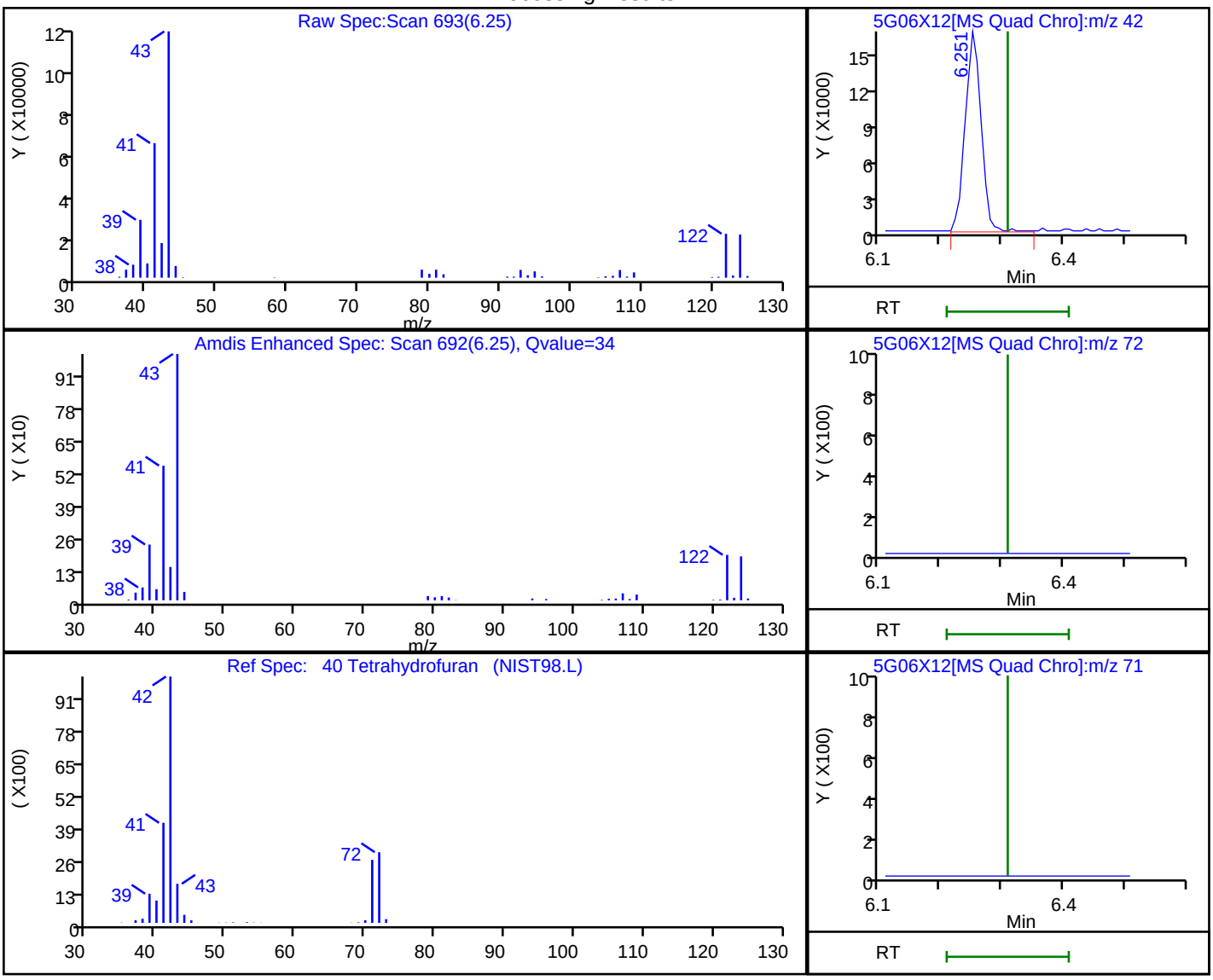
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X12.D				
Injection Date:	07-Aug-2025 09:12:19	Instrument ID:	HP22820		
Lims ID:	410-236563-A-8	Lab Sample ID:	410-236563-8		
Client ID:	2074				
Operator ID:	al109694	ALS Bottle#:	10	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

40 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
6.25	42.00	30000	1.366093
6.31	72.00	0	
6.31	71.00	0	

Reviewer: D7UM, 11-Aug-2025 10:39:00 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

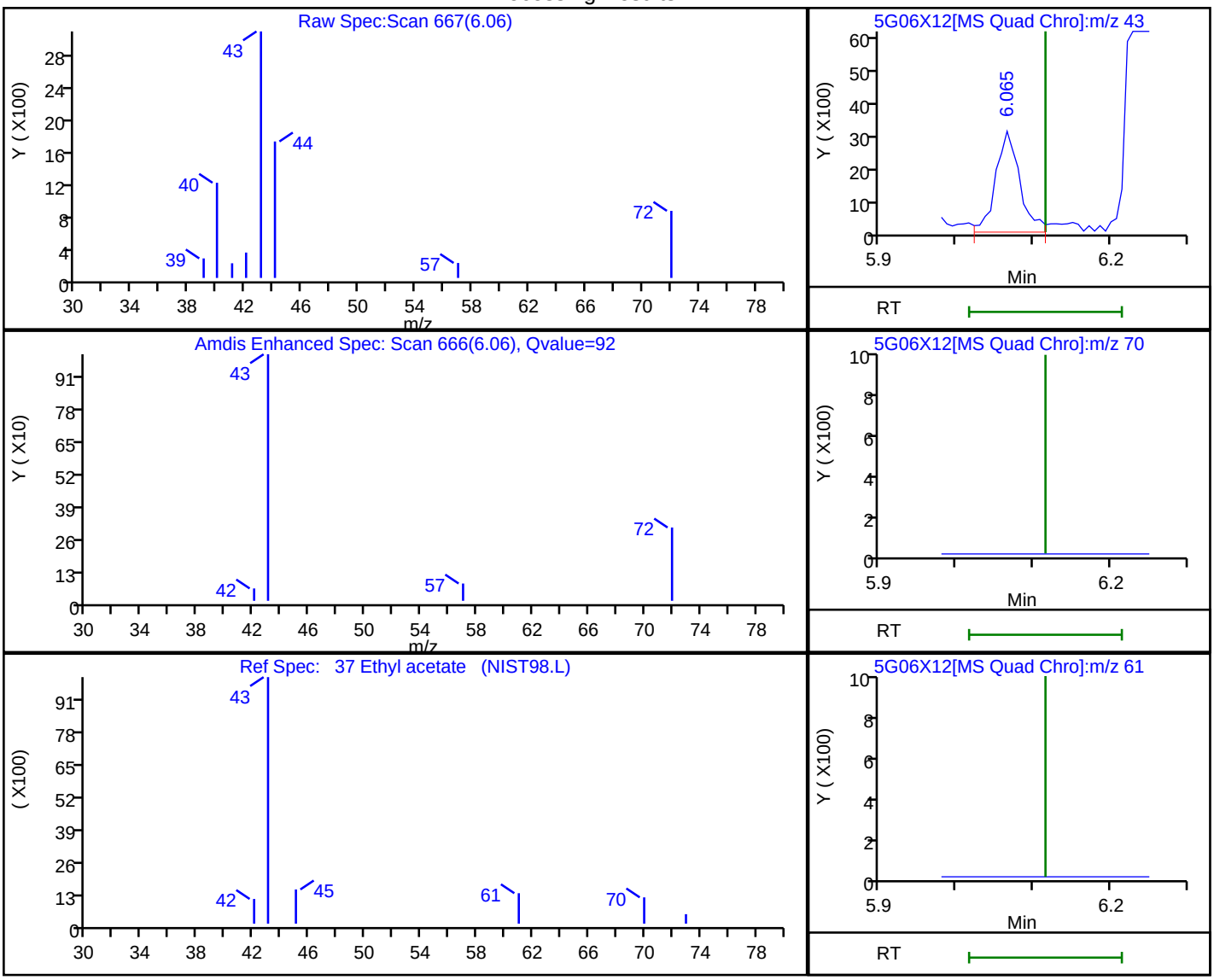
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X12.D				
Injection Date:	07-Aug-2025 09:12:19	Instrument ID:	HP22820		
Lims ID:	410-236563-A-8	Lab Sample ID:	410-236563-8		
Client ID:	2074				
Operator ID:	al109694	ALS Bottle#:	10	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

37 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
6.06	43.00	6606	0.127453
6.12	70.00	0	
6.12	61.00	0	

Reviewer: D7UM, 11-Aug-2025 10:38:57 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2070 Lab Sample ID: 410-236563-9

Matrix: Air Lab File ID: 5G06X13.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 09:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.24	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.5	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2070 Lab Sample ID: 410-236563-9

Matrix: Air Lab File ID: 5G06X13.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 09:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2070 Lab Sample ID: 410-236563-9

Matrix: Air Lab File ID: 5G06X13.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 09:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2070 Lab Sample ID: 410-236563-9

Matrix: Air Lab File ID: 5G06X13.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 09:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X13.D				
Lims ID:	410-236563-A-9				
Client ID:	2070				
Sample Type:	Client				
Inject. Date:	07-Aug-2025 09:37:04	ALS Bottle#:	11	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN9923				
Misc. Info.:	410-0155761-013				
Operator ID:	al109694	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	11-Aug-2025 10:46:02	Calib Date:	20-Jun-2025 20:16:24		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1635				
First Level Reviewer: D7UM		Date:	11-Aug-2025 10:44:55		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.794	3.787	0.007	100	44476	1.49	
20 Carbon disulfide	76	4.009	4.009	0.000	95	6732	0.1039	M
21 Isopropyl alcohol	45	4.074	4.066	0.008	95	12895	0.3540	
36 2-Butanone (MEK)	43	6.065	6.058	0.007	98	9377	0.2359	
* 39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	93	101268	10.0	
* 51 1,4-Difluorobenzene	114	7.275	7.276	-0.001	94	425155	10.0	
* 72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.072	86	486149	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

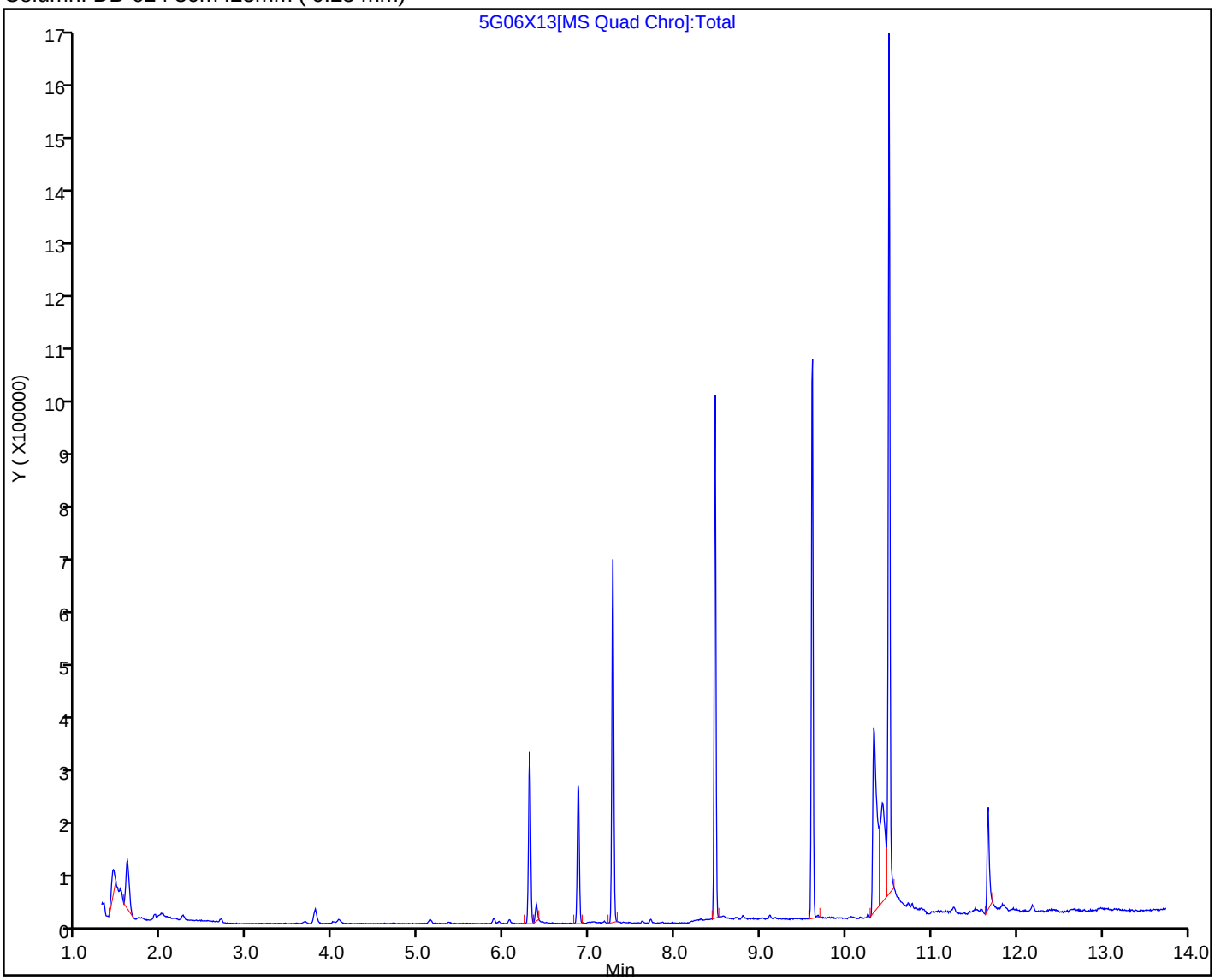
AIRIS200 ppb_00510 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 11-Aug-2025 12:23:12 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

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Client ID:	2070				
Operator ID:	al109694	ALS Bottle#:	11	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

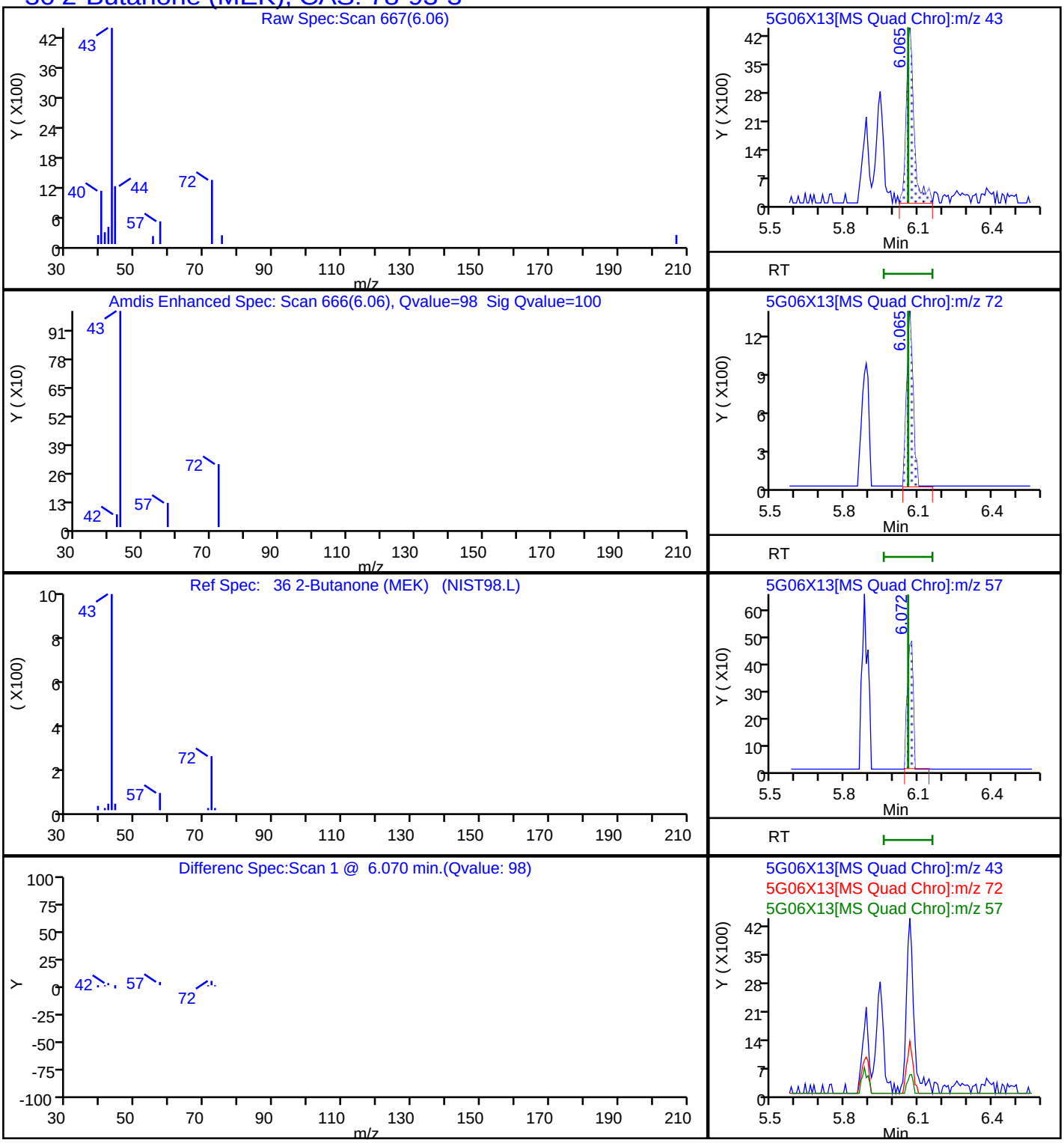


Report Date: 11-Aug-2025 12:23:12 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	07-Aug-2025 09:37:04	Instrument ID:	HP22820		
Lims ID:	410-236563-A-9	Lab Sample ID:	410-236563-9		
Client ID:	2070				
Operator ID:	al109694	ALS Bottle#:	11	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

36 2-Butanone (MEK), CAS: 78-93-3

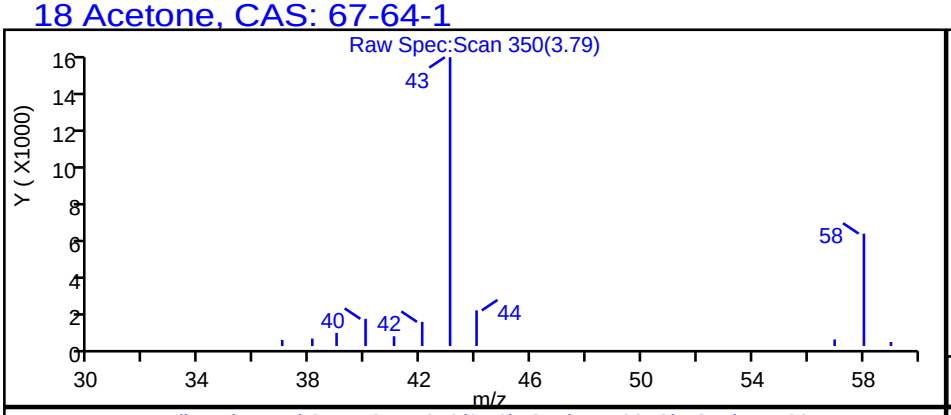


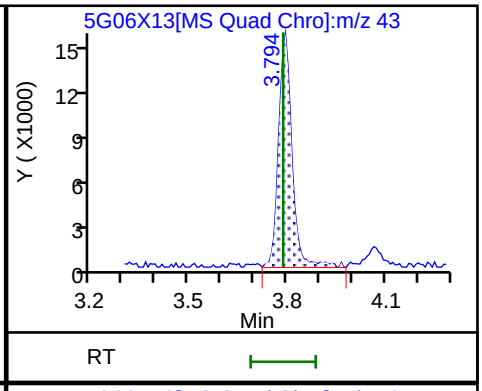
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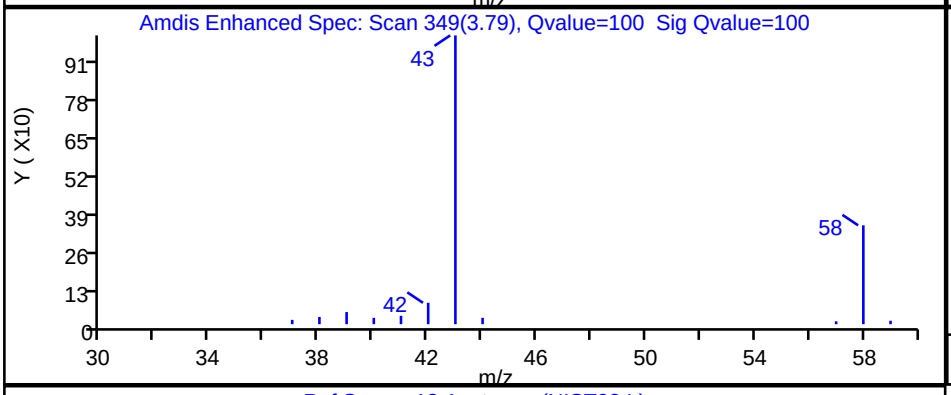
Eurofins Lancaster Laboratories Environment Testing, LLC

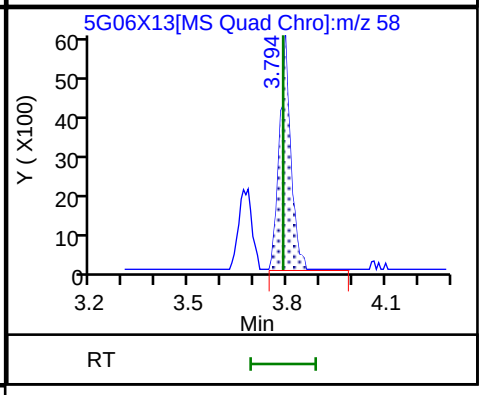
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Lims ID:	410-236563-A-9	Lab Sample ID:	410-236563-9		
Client ID:	2070				
Operator ID:	al109694	ALS Bottle#:	11	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

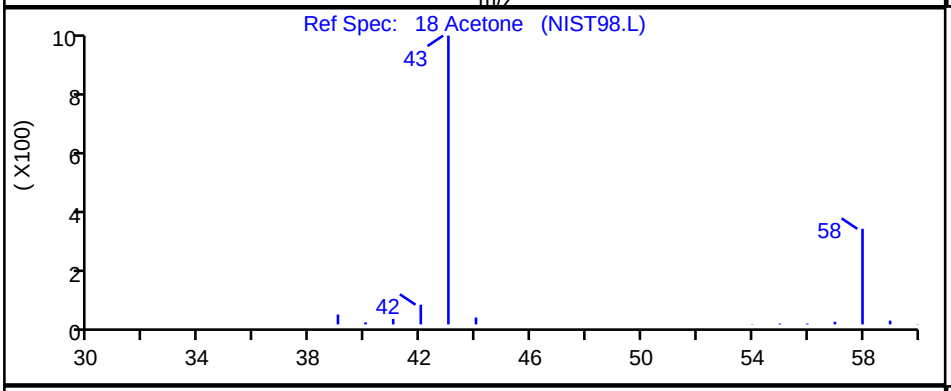
18 Acetone, CAS: 67-64-1

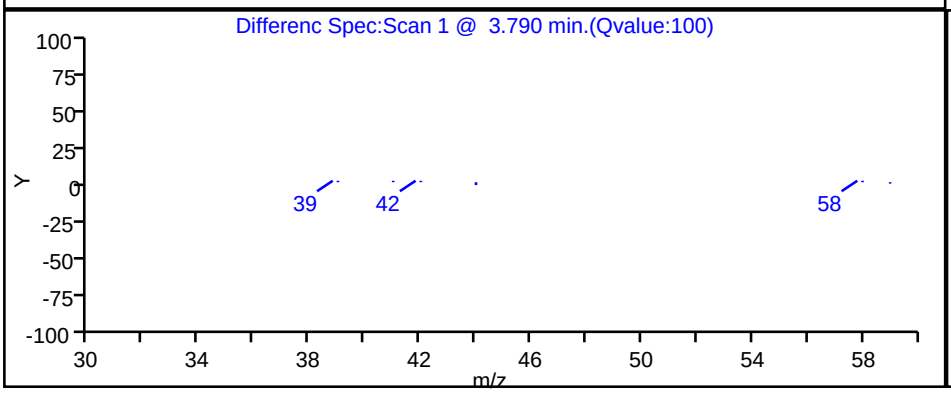


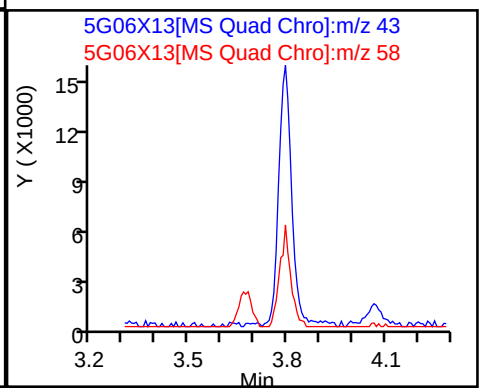












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

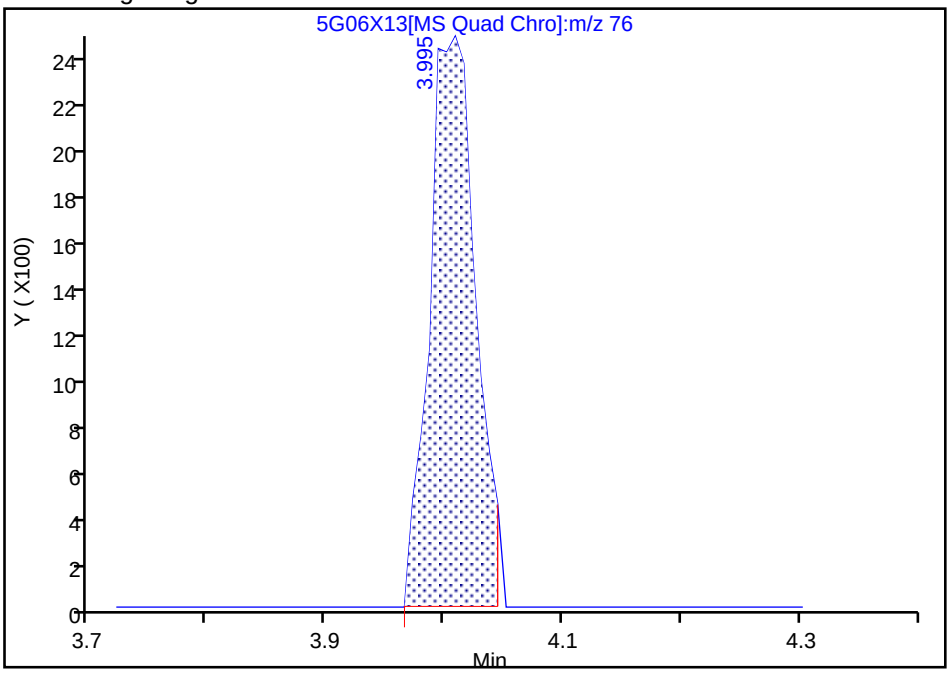
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Lims ID:	410-236563-A-9	Lab Sample ID:	410-236563-9		
Client ID:	2070				
Operator ID:	al109694	ALS Bottle#:	11	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

20 Carbon disulfide, CAS: 75-15-0

Signal: 1

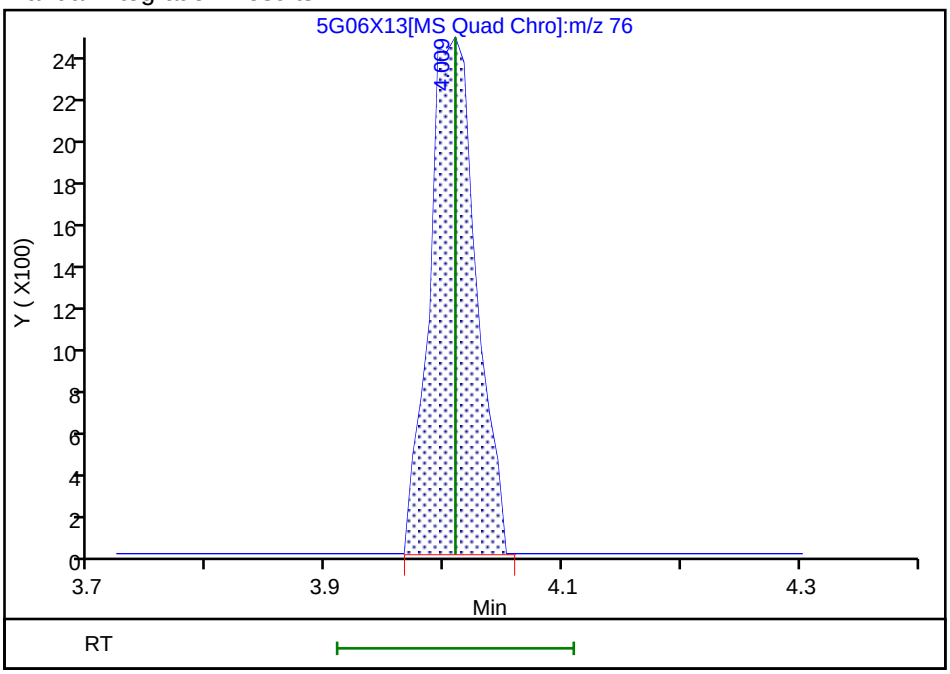
Processing Integration Results

RT: 3.99
Area: 6635
Amount: 0.102380
Amount Units: ppb v/v



Manual Integration Results

RT: 4.01
Area: 6732
Amount: 0.103877
Amount Units: ppb v/v



Reviewer: D7UM, 11-Aug-2025 10:44:08 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

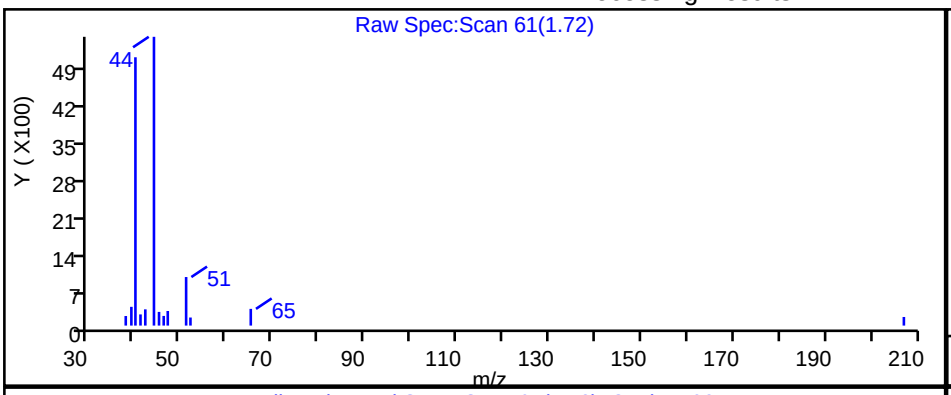
User Disabled Compound Report

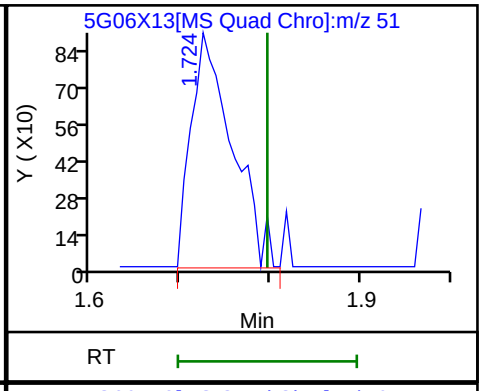
Eurofins Lancaster Laboratories Environment Testing, LLC

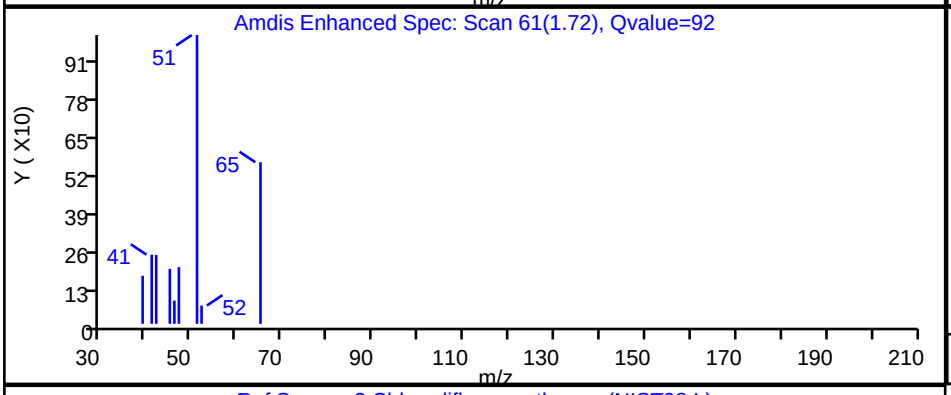
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Lims ID:	410-236563-A-9	Lab Sample ID:	410-236563-9		
Client ID:	2070				
Operator ID:	al109694	ALS Bottle#:	11	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

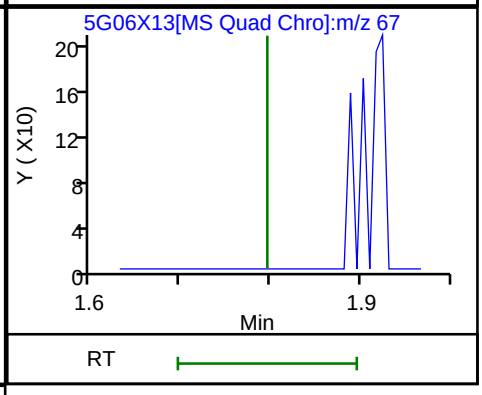
3 Chlorodifluoromethane, CAS: 75-45-6

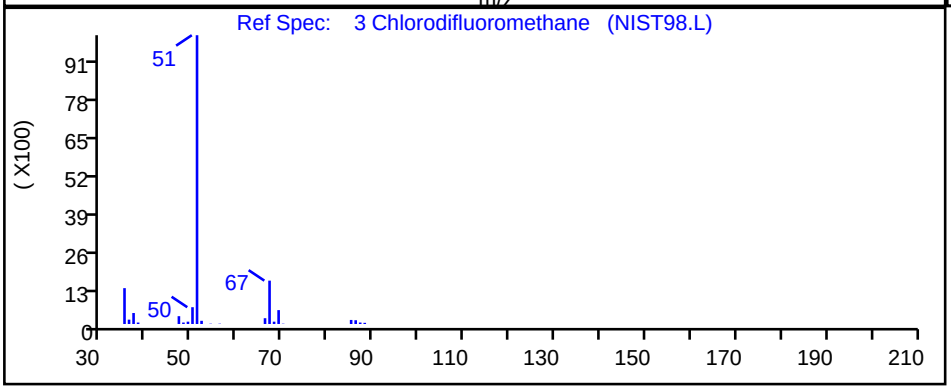
Processing Results











RT	Mass	Response	Amount
1.72	51.00	2898	0.116506
1.80	67.00	0	

Reviewer: D7UM, 11-Aug-2025 10:43:38 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2081 Lab Sample ID: 410-236563-10

Matrix: Air Lab File ID: 5G06X14.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 10:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.7	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2081 Lab Sample ID: 410-236563-10

Matrix: Air Lab File ID: 5G06X14.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 10:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2081 Lab Sample ID: 410-236563-10

Matrix: Air Lab File ID: 5G06X14.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 10:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236563-1

SDG No.:

Client Sample ID: 2081 Lab Sample ID: 410-236563-10

Matrix: Air Lab File ID: 5G06X14.D

Analysis Method: TO-15 Date Collected: 07/29/2025 10:20

Sample wt/vol: 200(mL) Date Analyzed: 08/07/2025 10:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 681843 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X14.D
Lims ID: 410-236563-A-10
Client ID: 2081
Sample Type: Client
Inject. Date: 07-Aug-2025 10:01:54 ALS Bottle#: 12 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: ccN10001
Misc. Info.: 410-0155761-014
Operator ID: al109694 Instrument ID: HP22820

Method: \\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\AirMS_TO15_HP22820.m
Limit Group: MSV - TO15
Last Update: 11-Aug-2025 10:46:02 Calib Date: 20-Jun-2025 20:16:24
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D

Column 1 : DB-624 30m .25mm (0.25 mm) Det: MS Quad
Process Host: CTX1635

First Level Reviewer: D7UM Date: 11-Aug-2025 10:46:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.794	3.787	0.007	99	52051	1.65	
20 Carbon disulfide	76	4.016	4.009	0.007	95	6977	0.1016	
36 2-Butanone (MEK)	43	6.065	6.058	0.007	98	7158	0.1699	
* 39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	94	107346	10.0	
* 51 1,4-Difluorobenzene	114	7.276	7.276	0.000	94	442145	10.0	
* 72 Chlorobenzene-d5 (IS)	117	9.603	9.539	0.064	86	483060	10.0	

QC Flag Legend
Processing Flags

Reagents:
AIRIS200 ppb_00510 Amount Added: 10.00 Units: mL Run Reagent

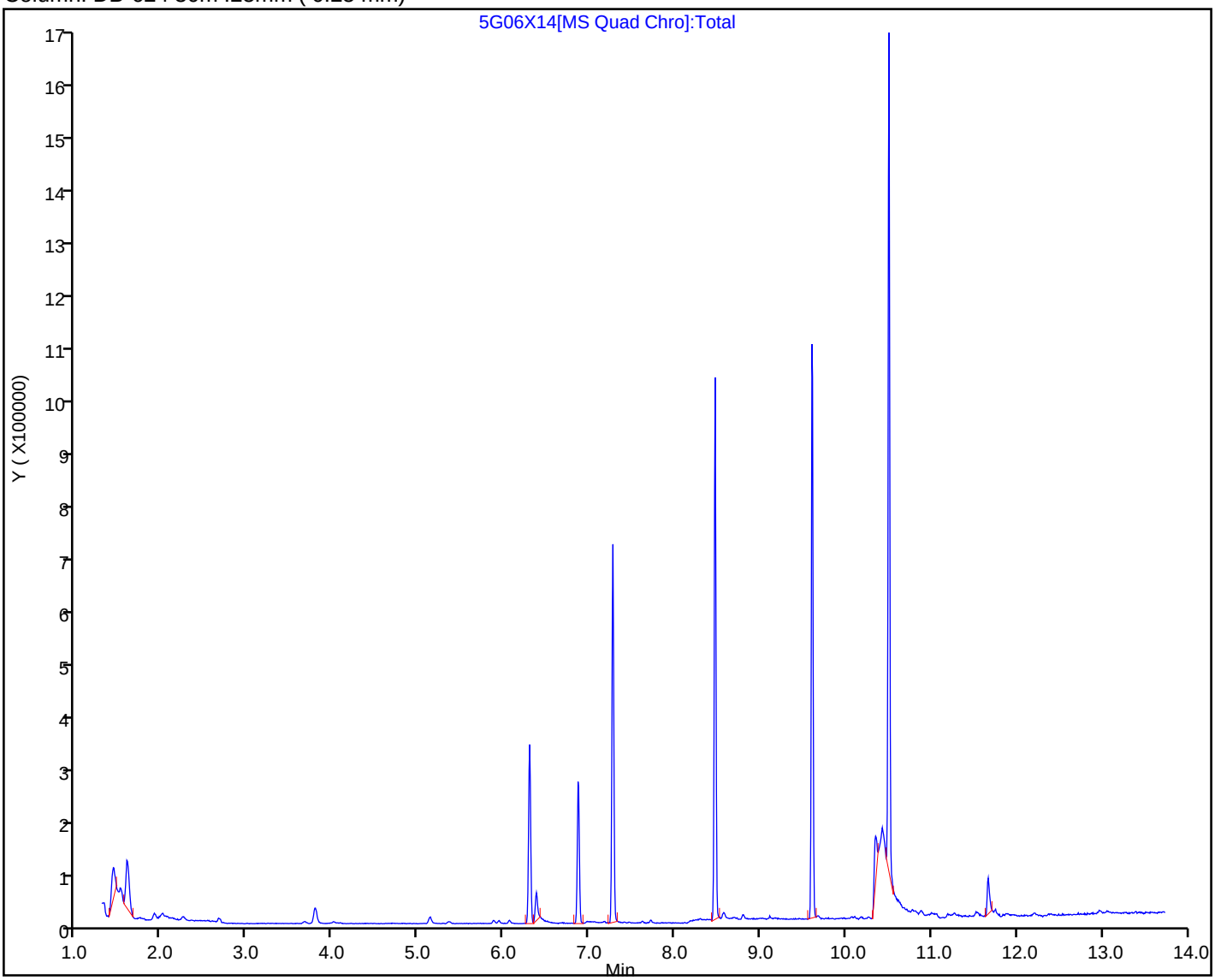
Report Date: 11-Aug-2025 12:23:14 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X14.D

Injection Date:	07-Aug-2025 10:01:54	Instrument ID:	HP22820		
Lims ID:	410-236563-A-10	Lab Sample ID:	410-236563-10		
Client ID:	2081				
Operator ID:	al109694	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

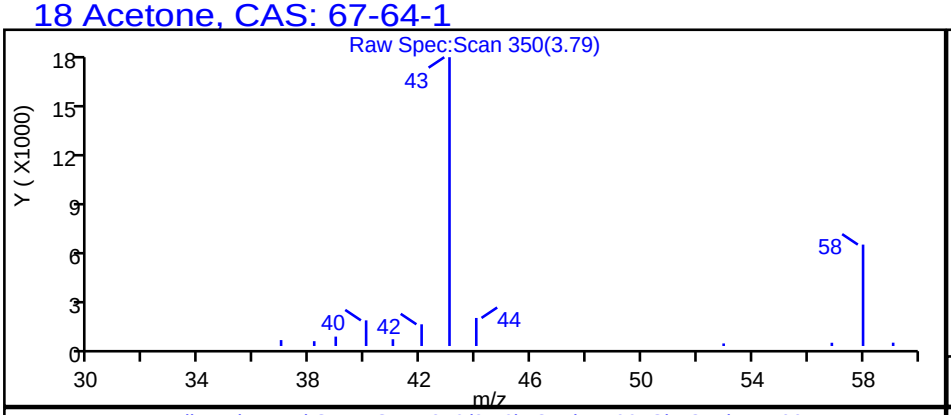


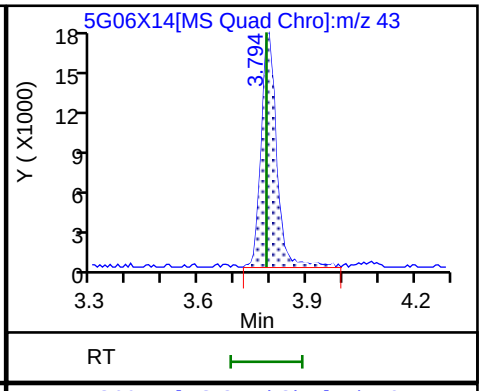
Report Date: 11-Aug-2025 12:23:14 Chrom Revision: 2.3 25-Jul-2025 13:52:40

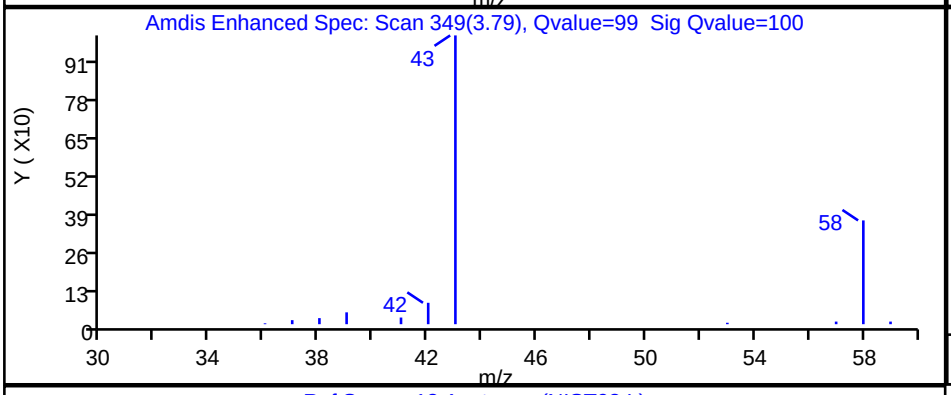
Eurofins Lancaster Laboratories Environment Testing, LLC

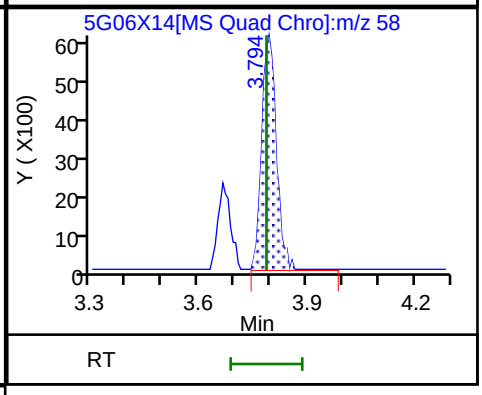
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Injection Date:	07-Aug-2025 10:01:54	Instrument ID:	HP22820		
Lims ID:	410-236563-A-10	Lab Sample ID:	410-236563-10		
Client ID:	2081				
Operator ID:	al109694	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

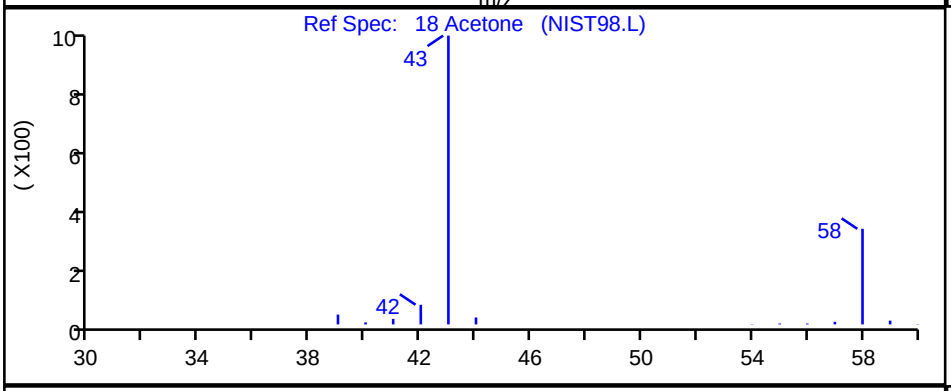
18 Acetone, CAS: 67-64-1

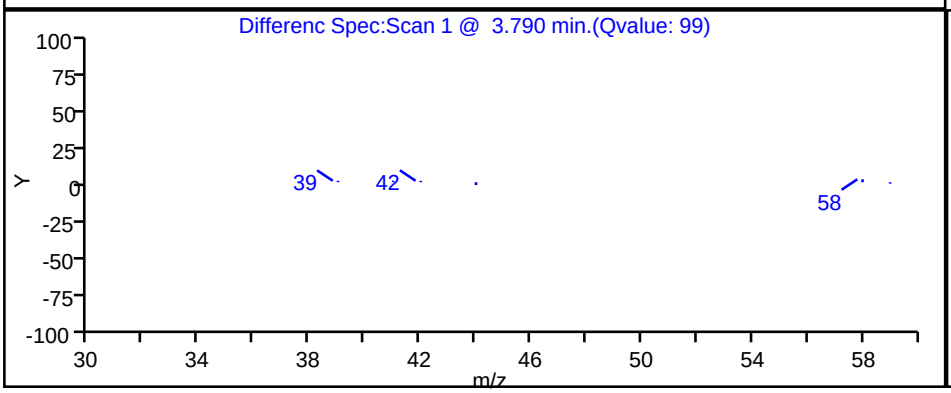


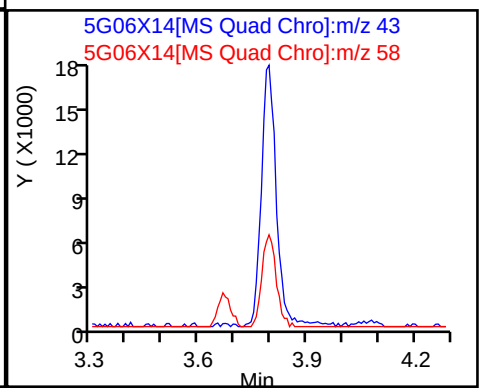












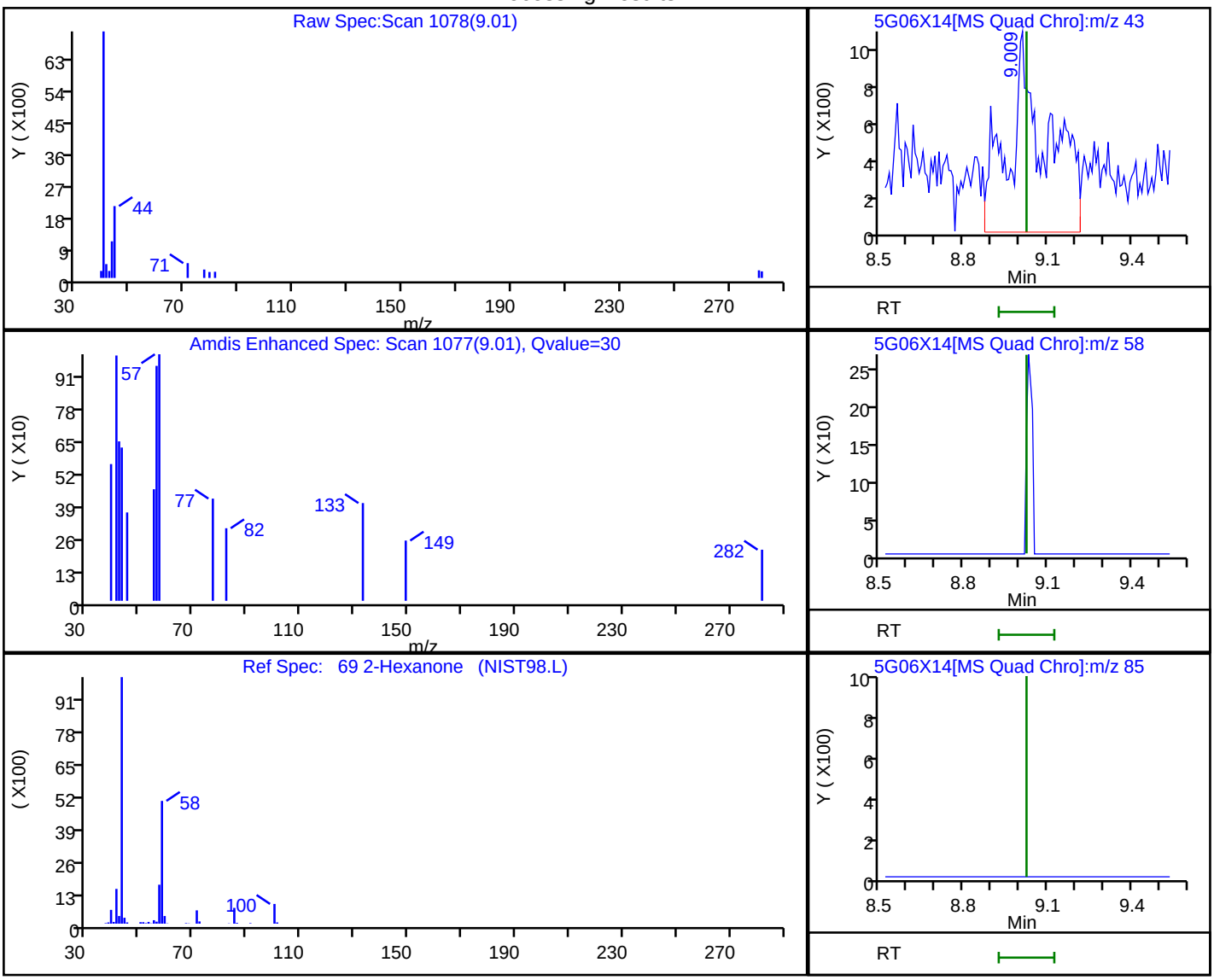
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X14.D				
Injection Date:	07-Aug-2025 10:01:54	Instrument ID:	HP22820		
Lims ID:	410-236563-A-10	Lab Sample ID:	410-236563-10		
Client ID:	2081				
Operator ID:	al109694	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
9.01	43.00	9952	0.241212
9.02	58.00	0	
9.02	85.00	0	

Reviewer: D7UM, 11-Aug-2025 10:45:31 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

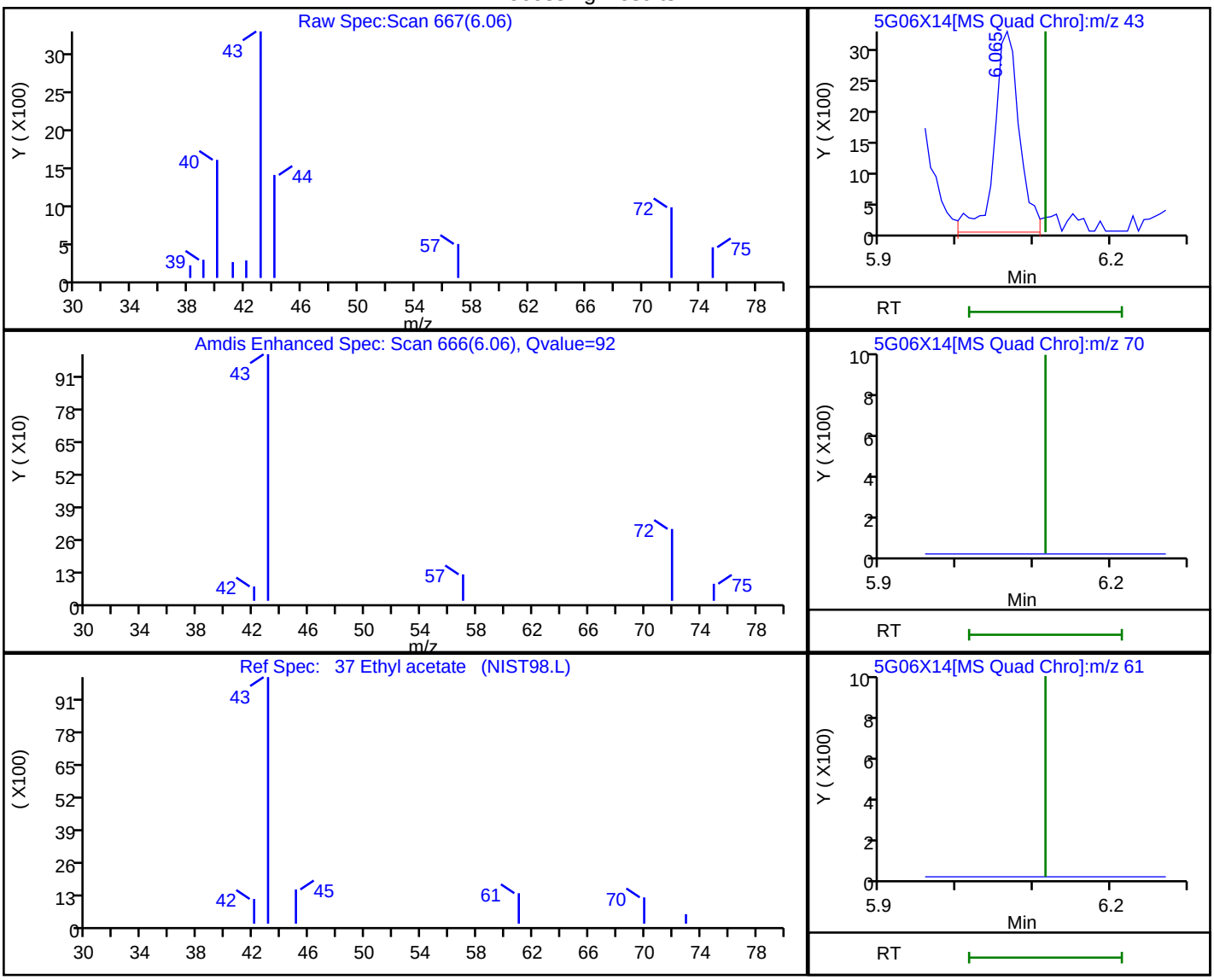
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250806-155761.b\5G06X14.D				
Injection Date:	07-Aug-2025 10:01:54	Instrument ID:	HP22820		
Lims ID:	410-236563-A-10	Lab Sample ID:	410-236563-10		
Client ID:	2081				
Operator ID:	al109694	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

37 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
6.06	43.00	7158	0.138519
6.12	70.00	0	
6.12	61.00	0	

Reviewer: D7UM, 11-Aug-2025 10:45:13 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2119 Lab Sample ID: 410-236802-1

Matrix: Air Lab File ID: 7G08X17.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 17:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2119 Lab Sample ID: 410-236802-1

Matrix: Air Lab File ID: 7G08X17.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 17:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2119 Lab Sample ID: 410-236802-1

Matrix: Air Lab File ID: 7G08X17.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 17:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2119 Lab Sample ID: 410-236802-1

Matrix: Air Lab File ID: 7G08X17.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 17:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X17.D				
Lims ID:	410-236802-A-1				
Client ID:	2119				
Sample Type:	Client				
Inject. Date:	08-Aug-2025 17:47:19	ALS Bottle#:	10	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc2119				
Misc. Info.:	410-0155958-018				
Operator ID:	sn105465	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	12-Aug-2025 10:45:14	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1610				
First Level Reviewer: D7UM		Date:	11-Aug-2025 13:29:24		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	6.385	6.391	0.007	99	63873	1.08	
21 Isopropyl alcohol	45	6.599	6.592	0.014	90	22302	0.4337	
* 39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	571622	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1999114	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	85	1915072	10.0	

QC Flag Legend

Processing Flags

Reagents:

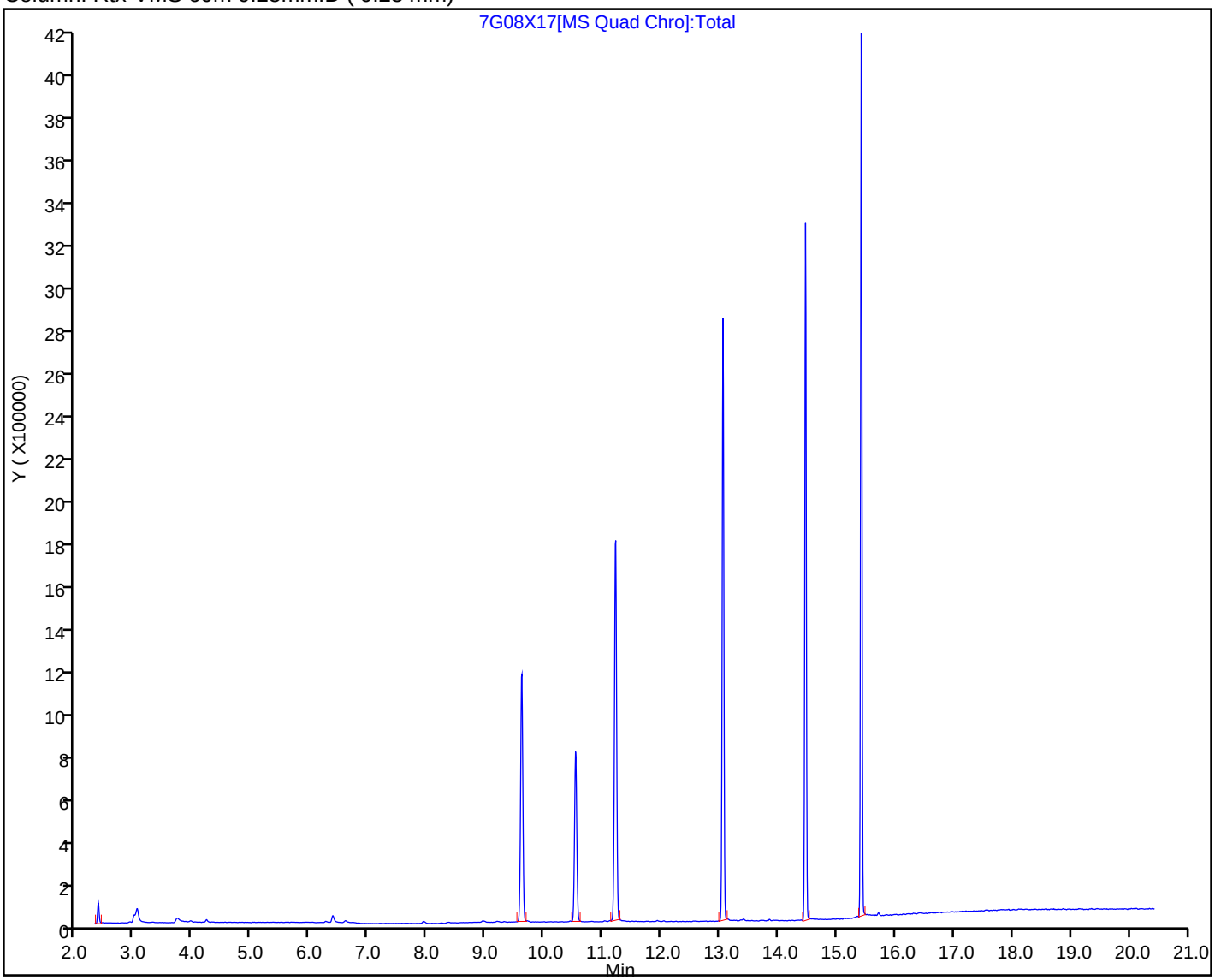
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:04:43 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

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Lims ID:	410-236802-A-1	Lab Sample ID:	410-236802-1		
Client ID:	2119				
Operator ID:	sn105465	ALS Bottle#:	10	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

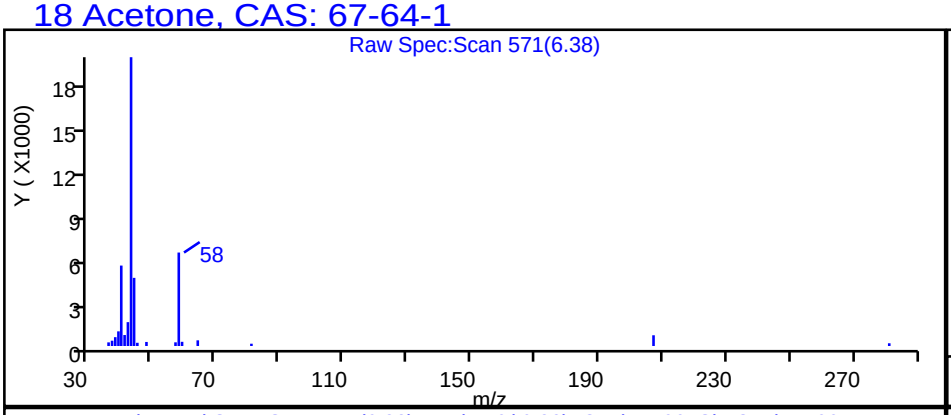


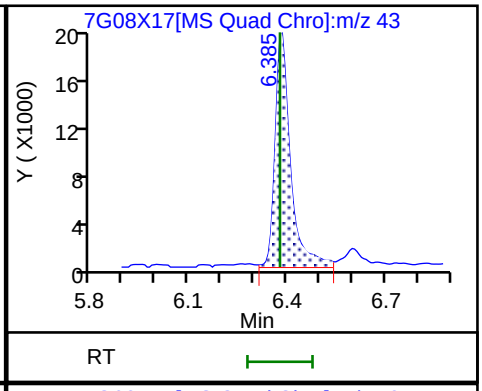
Report Date: 12-Aug-2025 14:04:43 Chrom Revision: 2.3 25-Jul-2025 13:52:40

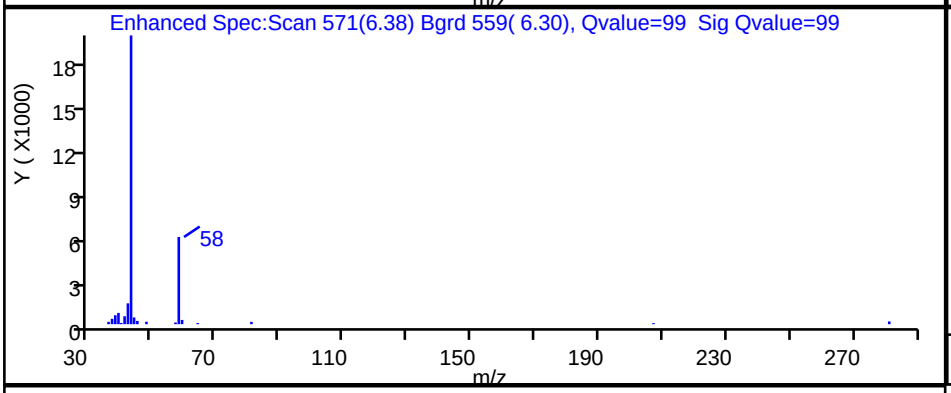
Eurofins Lancaster Laboratories Environment Testing, LLC

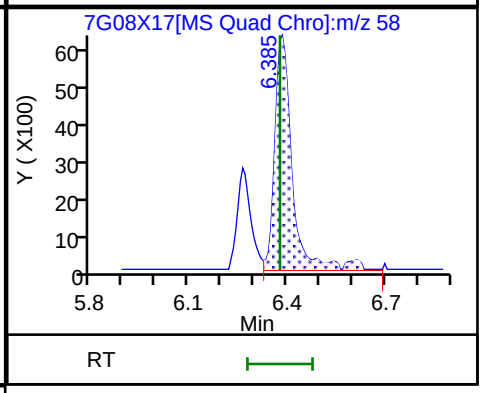
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Injection Date:	08-Aug-2025 17:47:19	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-1	Lab Sample ID:	410-236802-1		
Client ID:	2119				
Operator ID:	sn105465	ALS Bottle#:	10	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

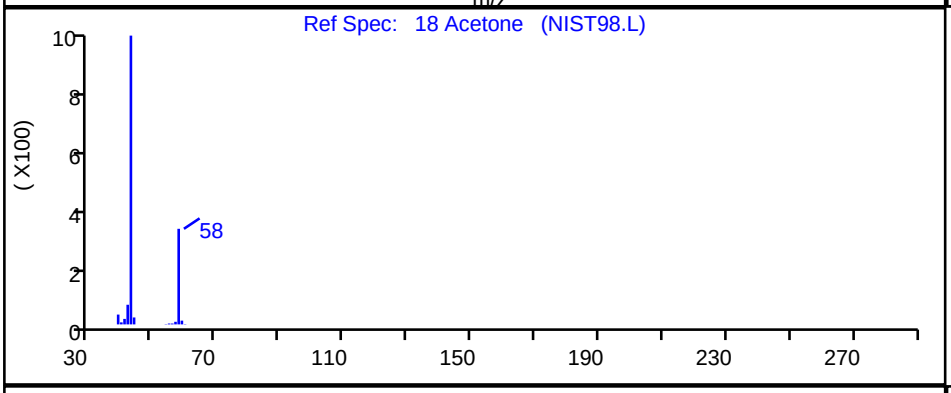
18 Acetone, CAS: 67-64-1

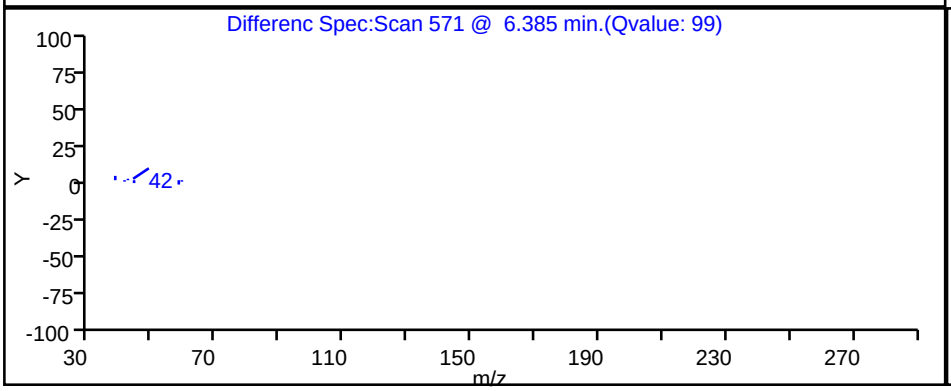


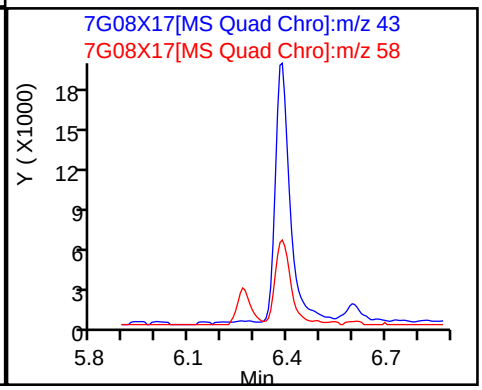












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2121 Lab Sample ID: 410-236802-2

Matrix: Air Lab File ID: 7G08X18.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.24	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.2	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2121 Lab Sample ID: 410-236802-2

Matrix: Air Lab File ID: 7G08X18.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2121 Lab Sample ID: 410-236802-2

Matrix: Air Lab File ID: 7G08X18.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2121 Lab Sample ID: 410-236802-2

Matrix: Air Lab File ID: 7G08X18.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X18.D
Lims ID: 410-236802-A-2
Client ID: 2121
Sample Type: Client
Inject. Date: 08-Aug-2025 18:16:31 ALS Bottle#: 11 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2121
Misc. Info.: 410-0155958-019
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 12-Aug-2025 10:45:14 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: D7UM Date: 12-Aug-2025 10:23:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.290	3.318	-0.021	94	6148	0.2572	M
18 Acetone	43	6.363	6.391	-0.014	97	130072	2.22	
21 Isopropyl alcohol	45	6.585	6.592	0.000	94	25887	0.5084	
35 2-Butanone (MEK)	72	9.185	9.192	0.007	92	5778	0.2416	
* 39 Chlorobromomethane (IS)	130	9.608	9.608	0.000	94	566026	10.0	
* 51 1,4-Difluorobenzene	114	11.212	11.212	0.000	95	2007537	10.0	
70 2-Hexanone	43	13.727	13.727	0.008	90	7770	0.0959	
* 73 Chlorobenzene-d5 (IS)	117	14.464	14.464	0.000	87	1905104	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

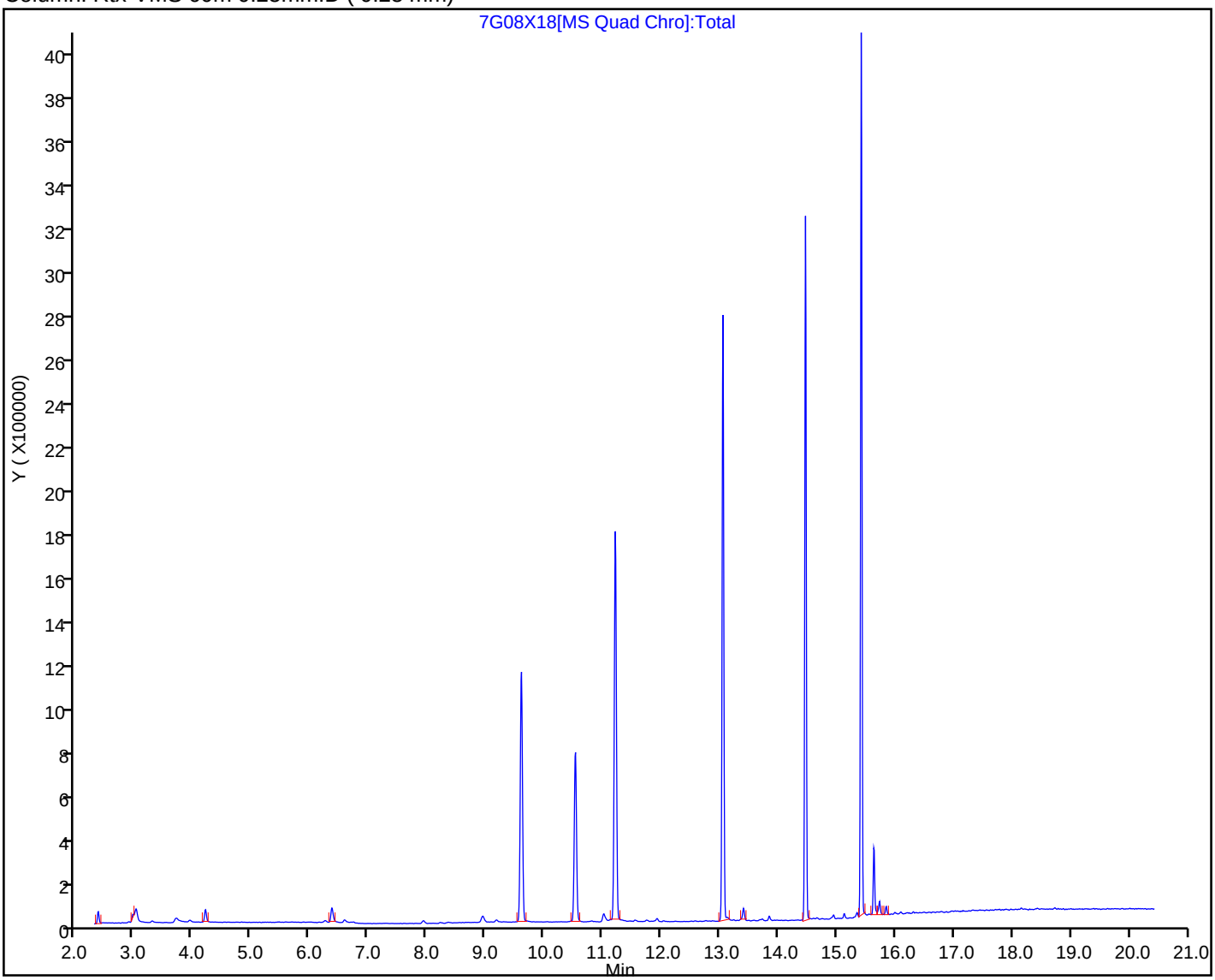
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:04:46 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X18.D				
Injection Date:	08-Aug-2025 18:16:31	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-2	Lab Sample ID:	410-236802-2		
Client ID:	2121				
Operator ID:	sn105465	ALS Bottle#:	11	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

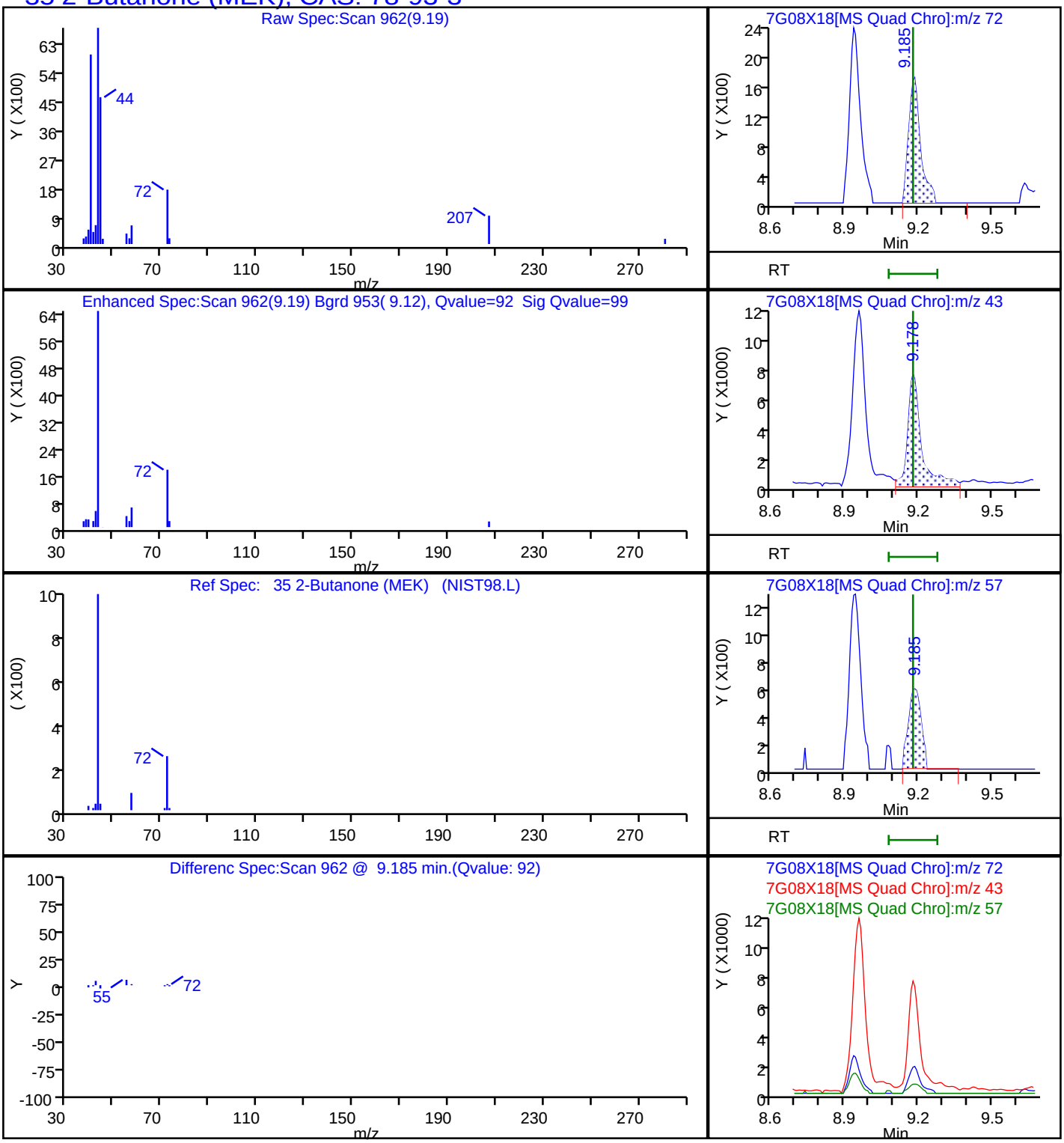


Report Date: 12-Aug-2025 14:04:46 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X18.D				
Injection Date:	08-Aug-2025 18:16:31	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-2	Lab Sample ID:	410-236802-2		
Client ID:	2121				
Operator ID:	sn105465	ALS Bottle#:	11	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

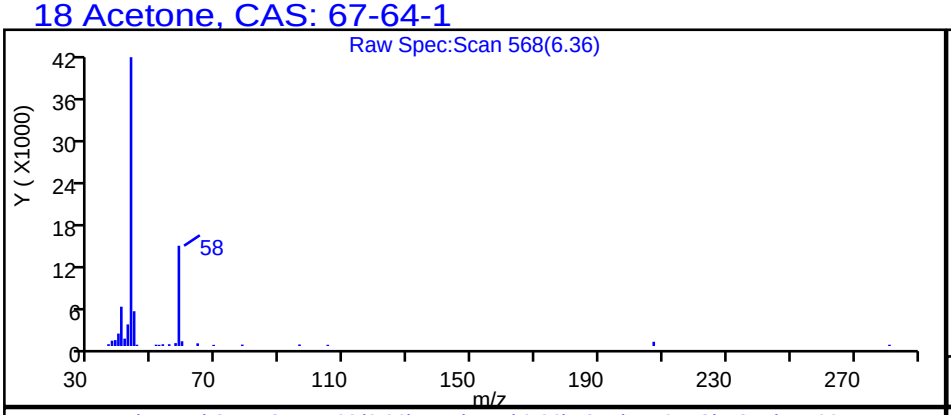


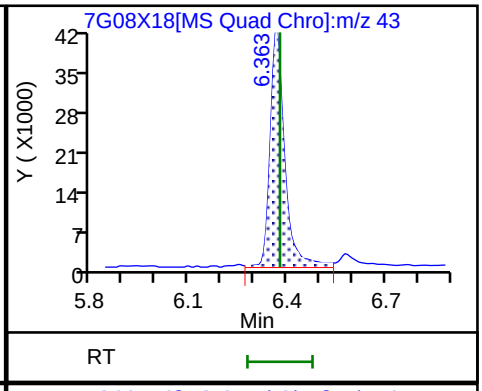
Report Date: 12-Aug-2025 14:04:46 Chrom Revision: 2.3 25-Jul-2025 13:52:40

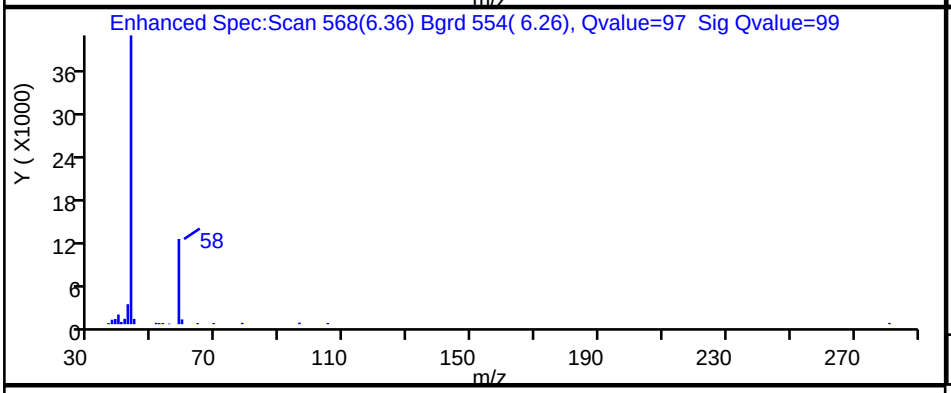
Eurofins Lancaster Laboratories Environment Testing, LLC

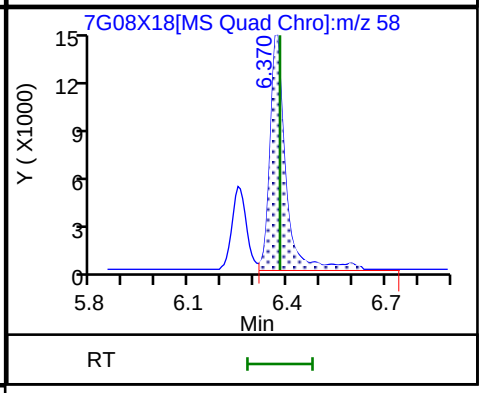
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Injection Date:	08-Aug-2025 18:16:31	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-2	Lab Sample ID:	410-236802-2		
Client ID:	2121				
Operator ID:	sn105465	ALS Bottle#:	11	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

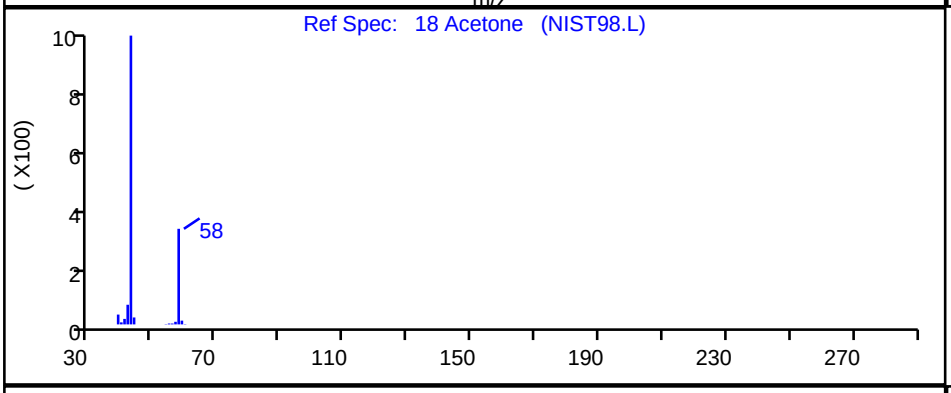
18 Acetone, CAS: 67-64-1

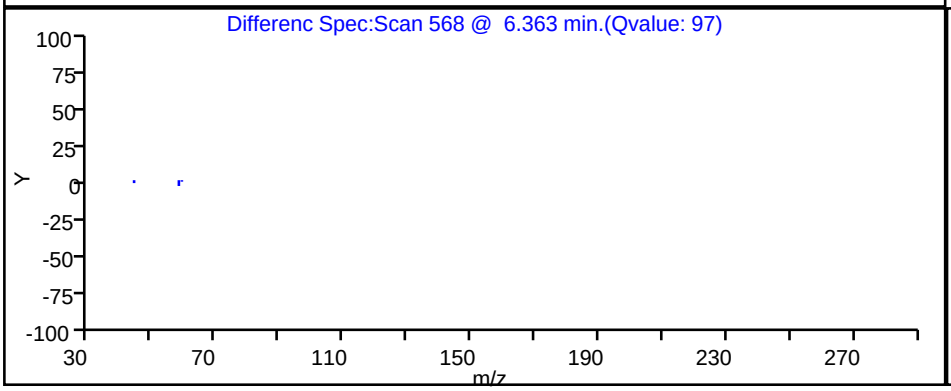


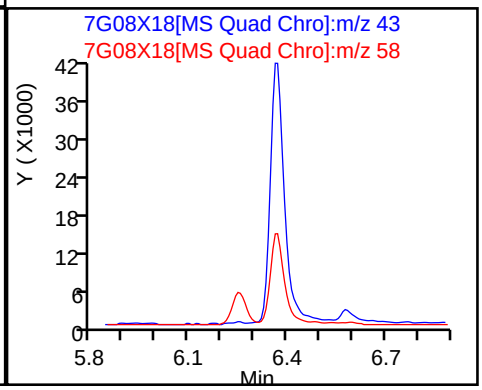












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

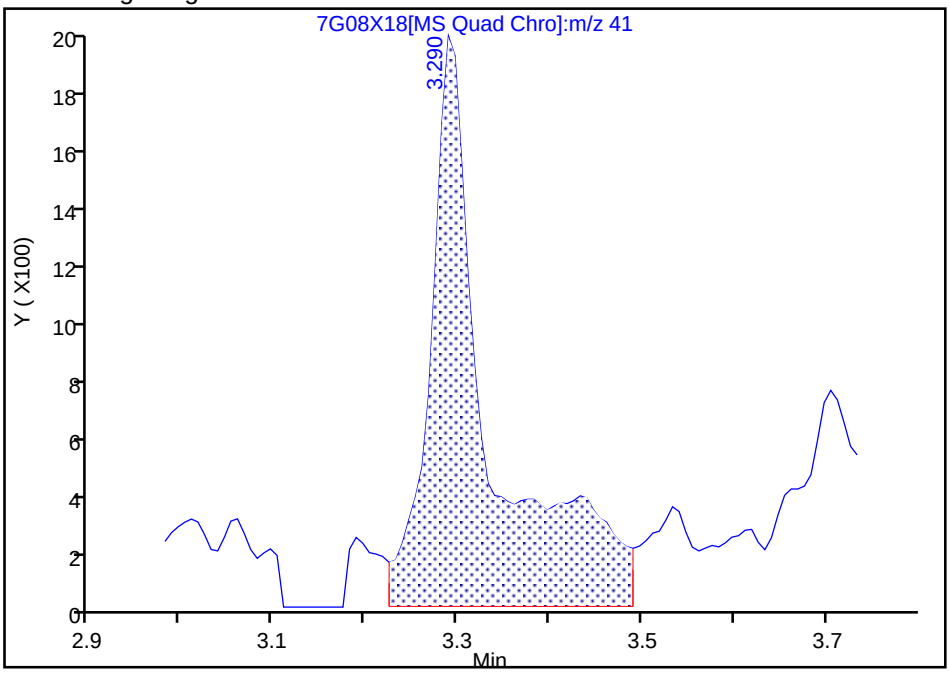
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X18.D				
Injection Date:	08-Aug-2025 18:16:31	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-2	Lab Sample ID:	410-236802-2		
Client ID:	2121				
Operator ID:	sn105465	ALS Bottle#:	11	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

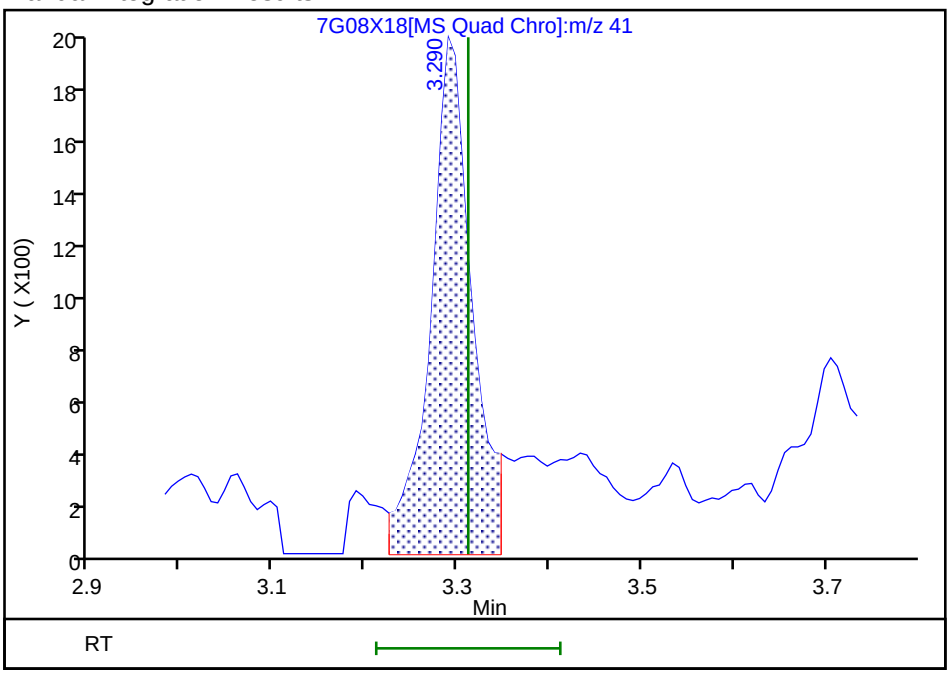
Processing Integration Results

RT: 3.29
Area: 9023
Amount: 0.377429
Amount Units: ppb v/v



Manual Integration Results

RT: 3.29
Area: 6148
Amount: 0.257169
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:22:26 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2120 Lab Sample ID: 410-236802-3

Matrix: Air Lab File ID: 7G08X19.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2120 Lab Sample ID: 410-236802-3

Matrix: Air Lab File ID: 7G08X19.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2120 Lab Sample ID: 410-236802-3

Matrix: Air Lab File ID: 7G08X19.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2120 Lab Sample ID: 410-236802-3

Matrix: Air Lab File ID: 7G08X19.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 18:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X19.D
Lims ID: 410-236802-A-3
Client ID: 2120
Sample Type: Client
Inject. Date: 08-Aug-2025 18:45:46 ALS Bottle#: 12 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2120
Misc. Info.: 410-0155958-020
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 12-Aug-2025 10:45:14 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: D7UM Date: 12-Aug-2025 10:25:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.297	3.318	-0.014	86	1676	0.0705	7M
18 Acetone	43	6.377	6.391	0.000	95	64556	1.11	M
21 Isopropyl alcohol	45	6.599	6.592	0.014	62	8261	0.1631	
35 2-Butanone (MEK)	72	9.185	9.192	0.007	90	2638	0.1109	
* 39 Chlorobromomethane (IS)	130	9.608	9.608	0.000	95	562876	10.0	
* 51 1,4-Difluorobenzene	114	11.212	11.212	0.000	95	1990979	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.464	14.464	0.000	85	1900072	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

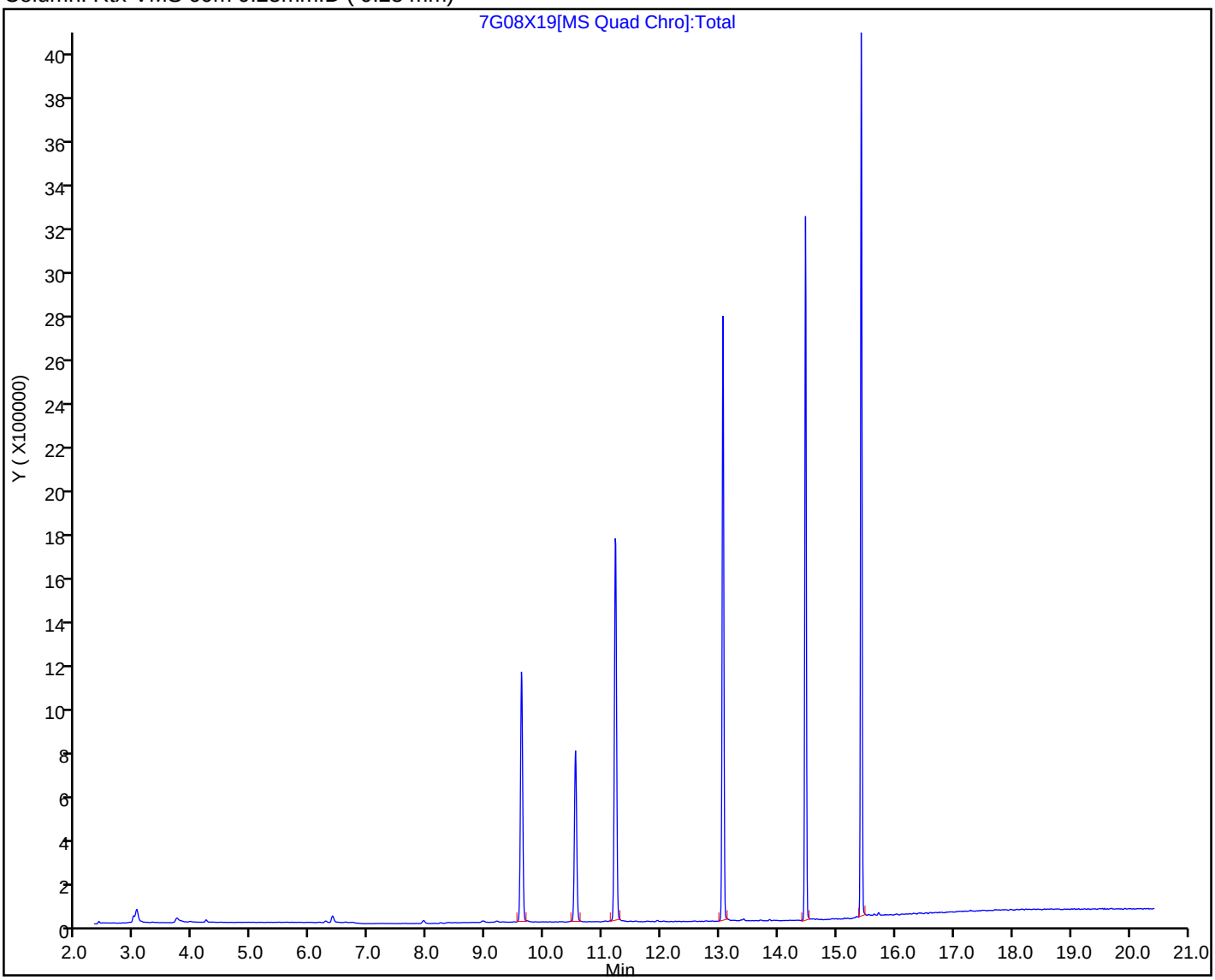
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:04:50 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X19.D				
Injection Date:	08-Aug-2025 18:45:46	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-3	Lab Sample ID:	410-236802-3		
Client ID:	2120				
Operator ID:	sn105465	ALS Bottle#:	12	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

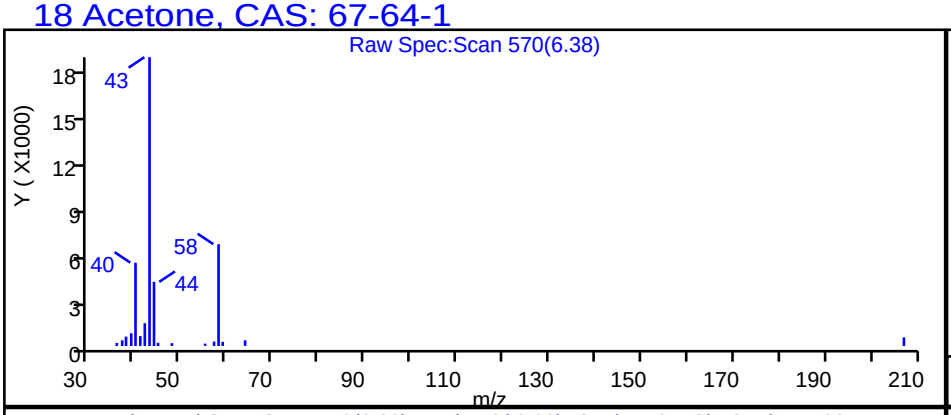


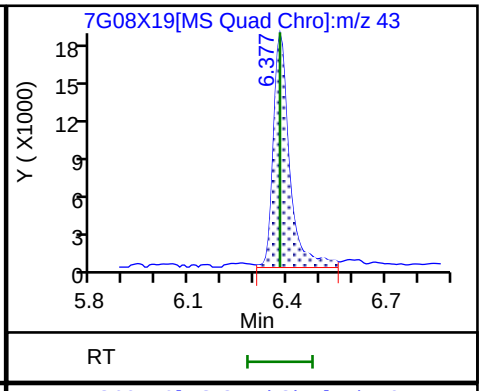
Report Date: 12-Aug-2025 14:04:50 Chrom Revision: 2.3 25-Jul-2025 13:52:40

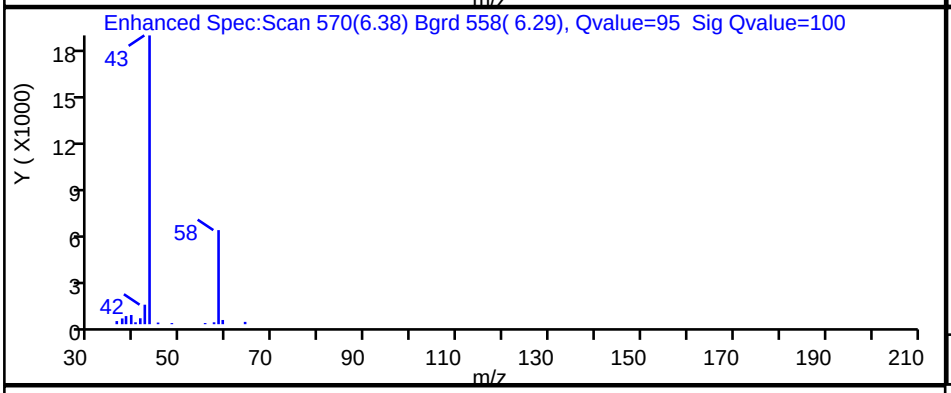
Eurofins Lancaster Laboratories Environment Testing, LLC

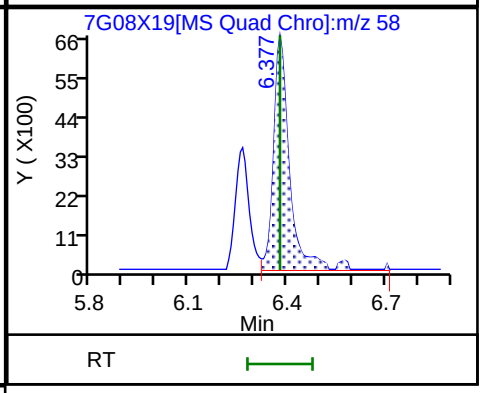
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Injection Date:	08-Aug-2025 18:45:46	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-3	Lab Sample ID:	410-236802-3		
Client ID:	2120				
Operator ID:	sn105465	ALS Bottle#:	12	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

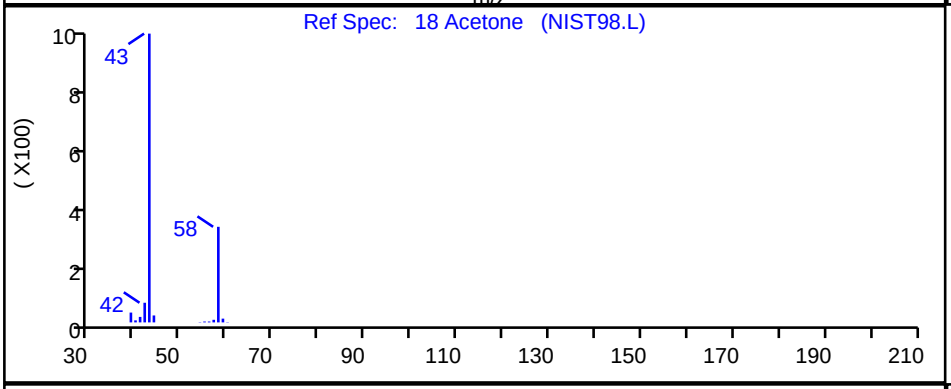
18 Acetone, CAS: 67-64-1

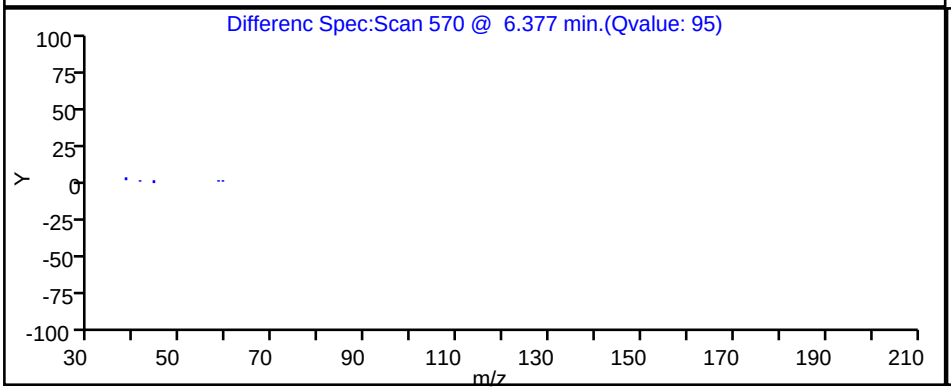


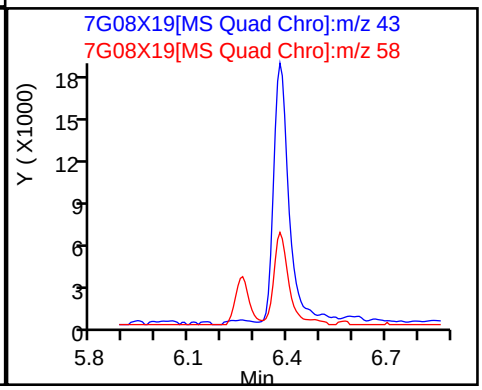












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

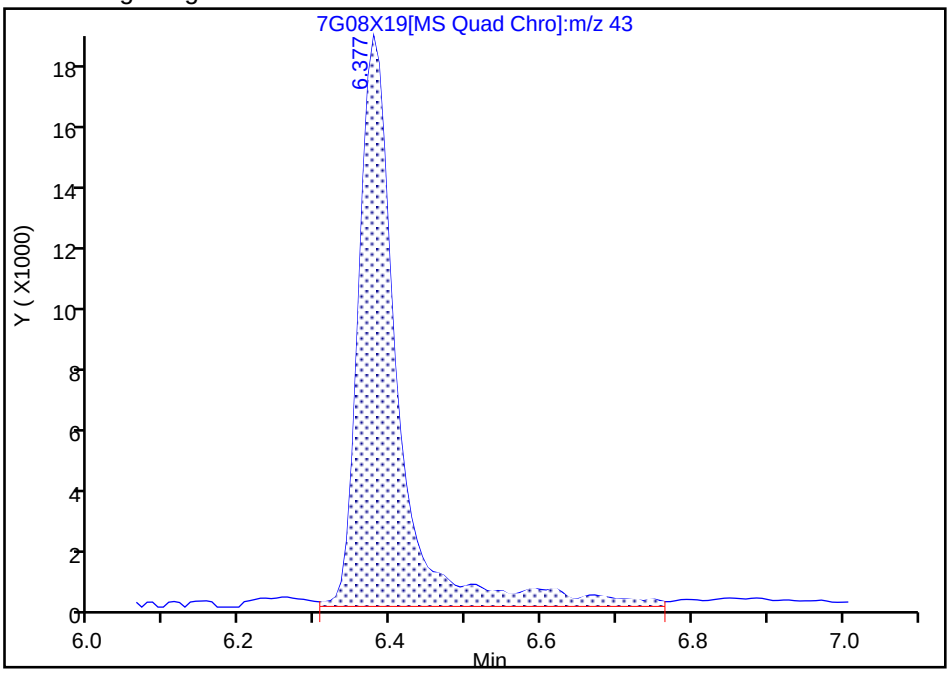
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Injection Date:	08-Aug-2025 18:45:46	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-3	Lab Sample ID:	410-236802-3		
Client ID:	2120				
Operator ID:	sn105465	ALS Bottle#:	12	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

Signal: 1

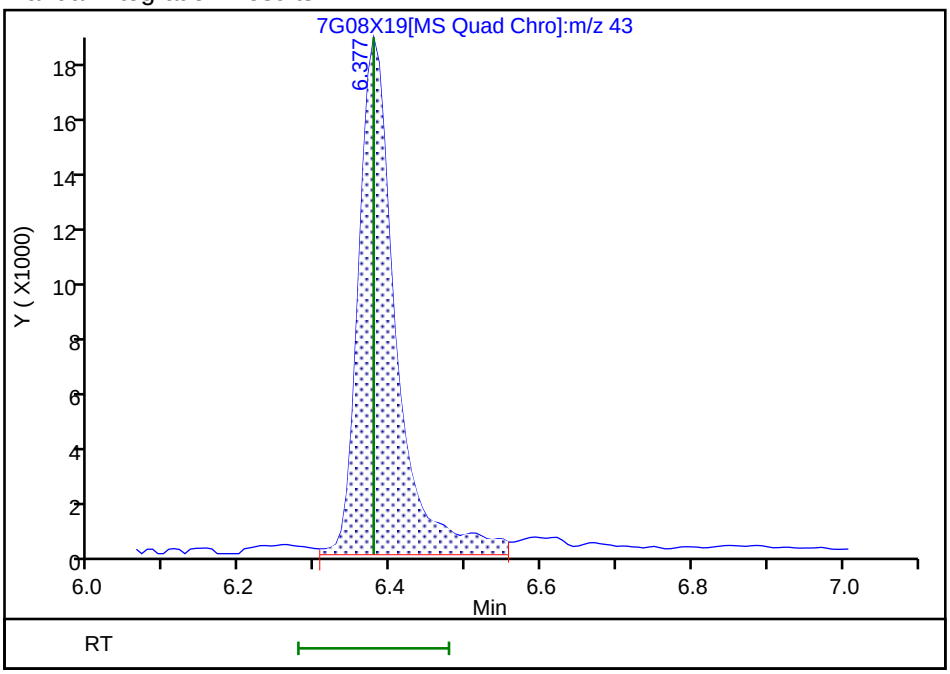
Processing Integration Results

RT: 6.38
Area: 69304
Amount: 1.187159
Amount Units: ppb v/v



Manual Integration Results

RT: 6.38
Area: 64556
Amount: 1.105827
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:24:50 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

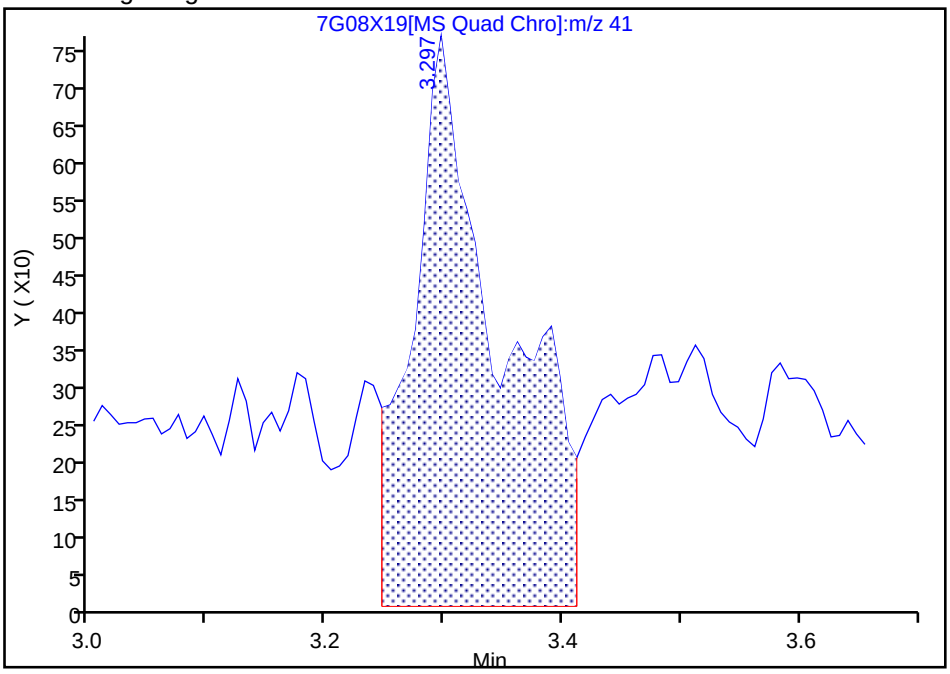
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Injection Date:	08-Aug-2025 18:45:46	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-3	Lab Sample ID:	410-236802-3		
Client ID:	2120				
Operator ID:	sn105465	ALS Bottle#:	12	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

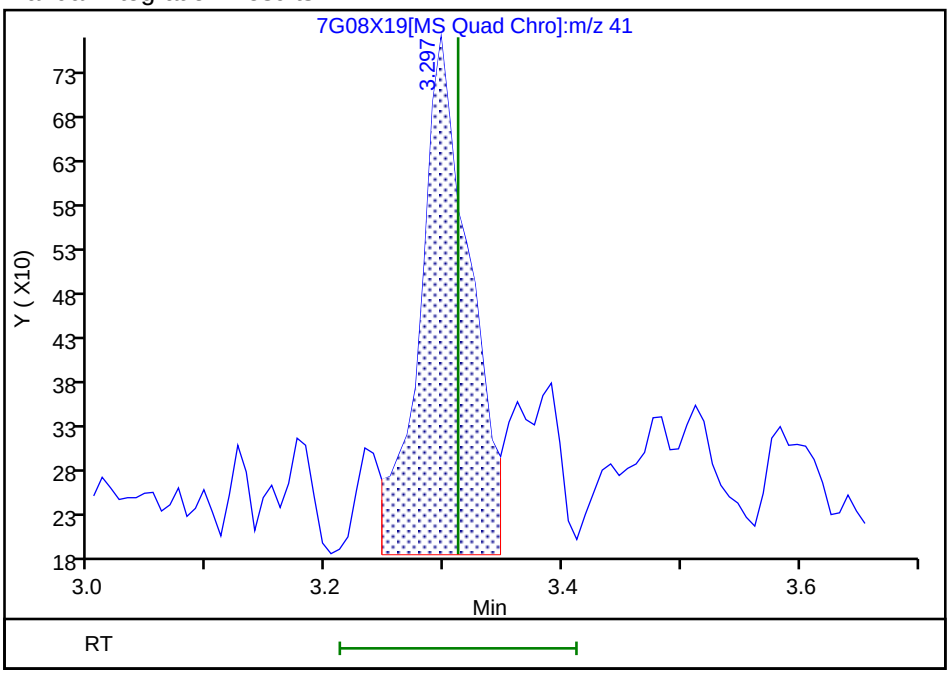
Processing Integration Results

RT: 3.30
Area: 4014
Amount: 0.168844
Amount Units: ppb v/v



Manual Integration Results

RT: 3.30
Area: 1676
Amount: 0.070499
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:24:29 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2080 Lab Sample ID: 410-236802-4

Matrix: Air Lab File ID: 7G08X20.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.22	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.0	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2080 Lab Sample ID: 410-236802-4

Matrix: Air Lab File ID: 7G08X20.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2080 Lab Sample ID: 410-236802-4

Matrix: Air Lab File ID: 7G08X20.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2080 Lab Sample ID: 410-236802-4

Matrix: Air Lab File ID: 7G08X20.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X20.D				
Lims ID:	410-236802-A-4				
Client ID:	2080				
Sample Type:	Client				
Inject. Date:	08-Aug-2025 19:15:22	ALS Bottle#:	13	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc2080				
Misc. Info.:	410-0155958-021				
Operator ID:	sn105465	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	12-Aug-2025 10:45:14	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1610				
First Level Reviewer: D7UM		Date:	12-Aug-2025 10:26:40		

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	3.312	3.318	0.001	69	2274	0.0969	M
	18 Acetone	43	6.377	6.391	0.000	99	113743	1.97	M
	21 Isopropyl alcohol	45	6.600	6.592	0.015	84	13515	0.2702	
	35 2-Butanone (MEK)	72	9.193	9.192	0.015	96	5182	0.2206	
*	39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	555911	10.0	
*	51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1956587	10.0	
*	73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	87	1879614	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

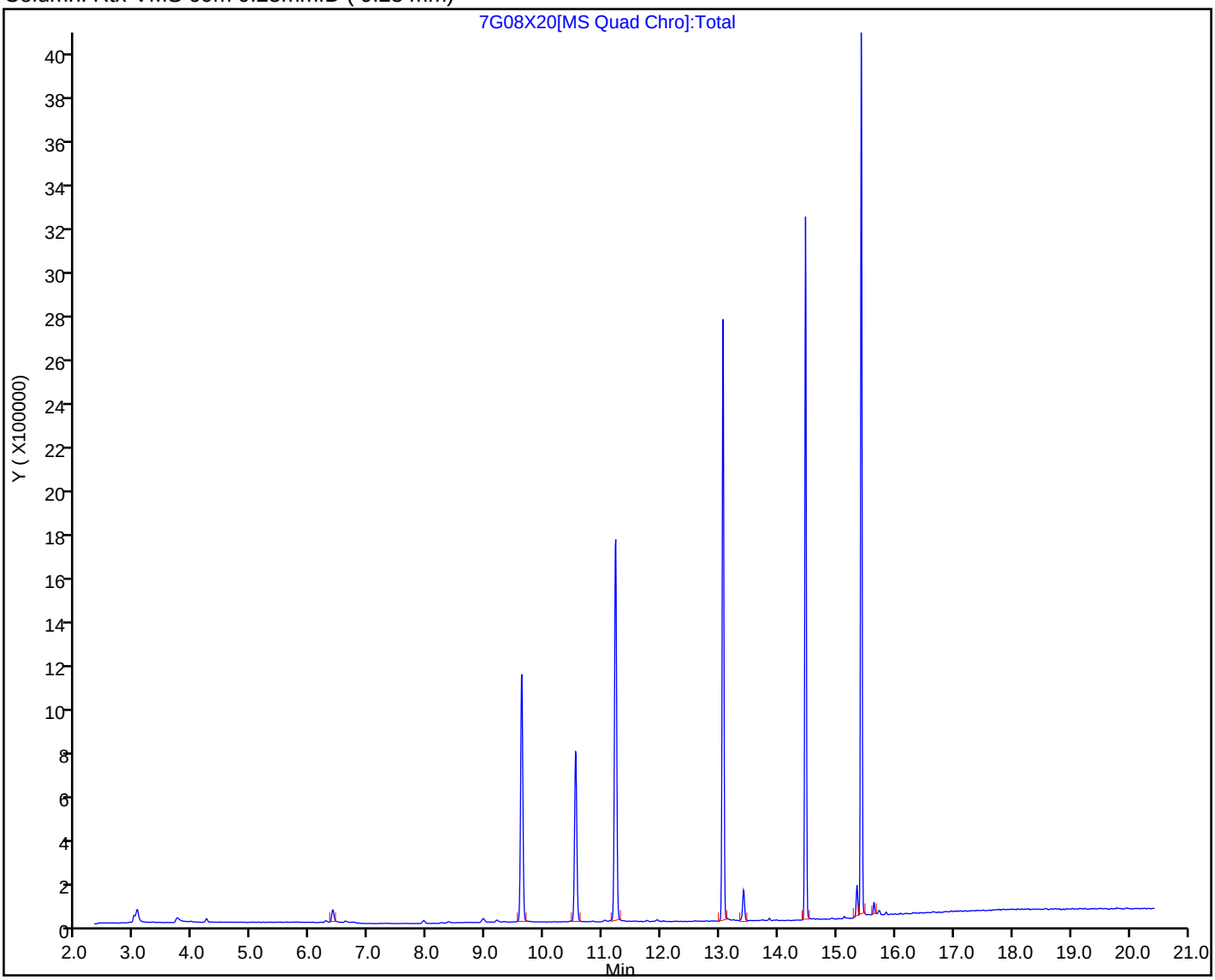
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:04:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X20.D				
Injection Date:	08-Aug-2025 19:15:22	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-4	Lab Sample ID:	410-236802-4		
Client ID:	2080				
Operator ID:	sn105465	ALS Bottle#:	13	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

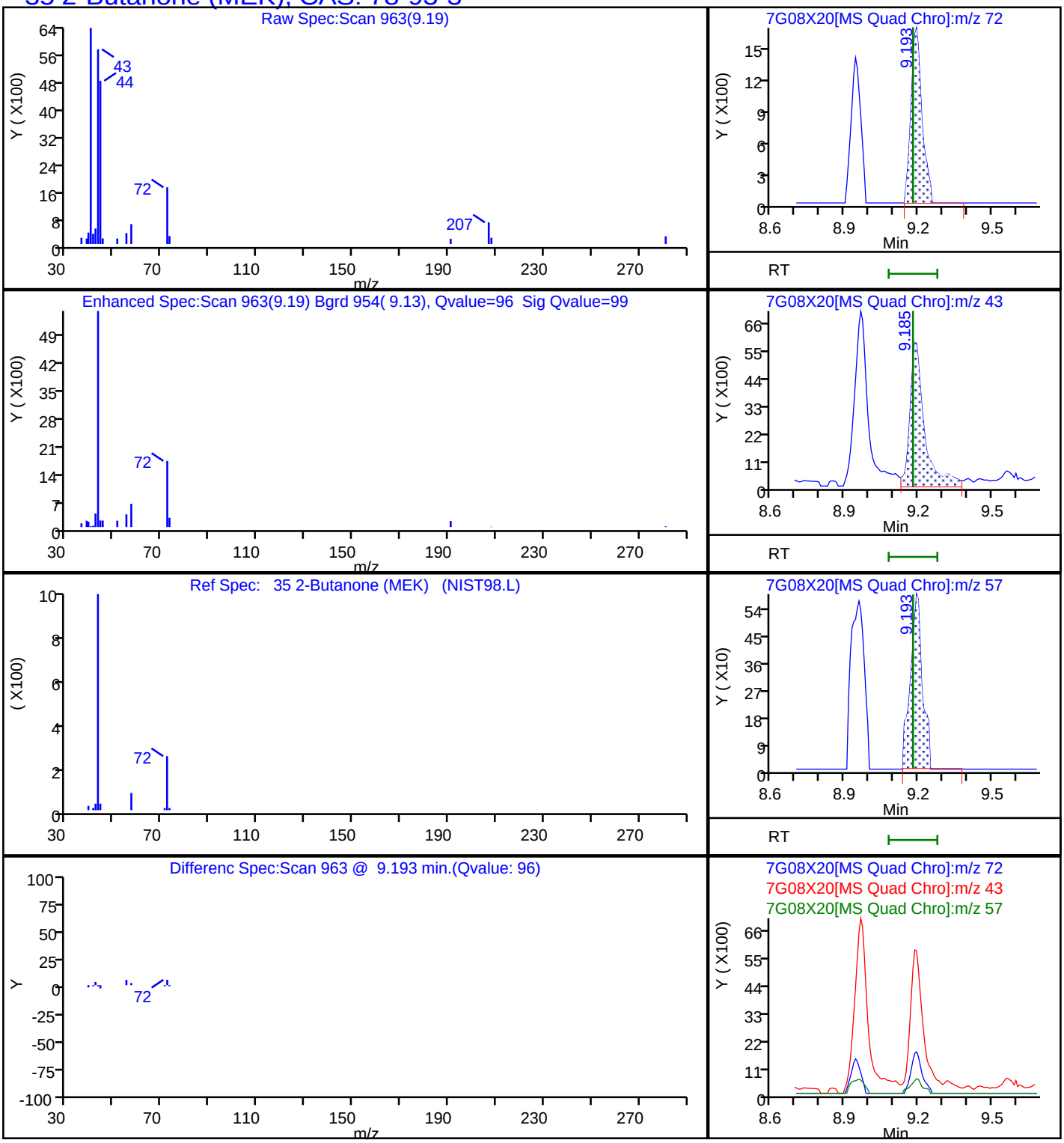


Report Date: 12-Aug-2025 14:04:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X20.D				
Injection Date:	08-Aug-2025 19:15:22	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-4	Lab Sample ID:	410-236802-4		
Client ID:	2080				
Operator ID:	sn105465	ALS Bottle#:	13	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

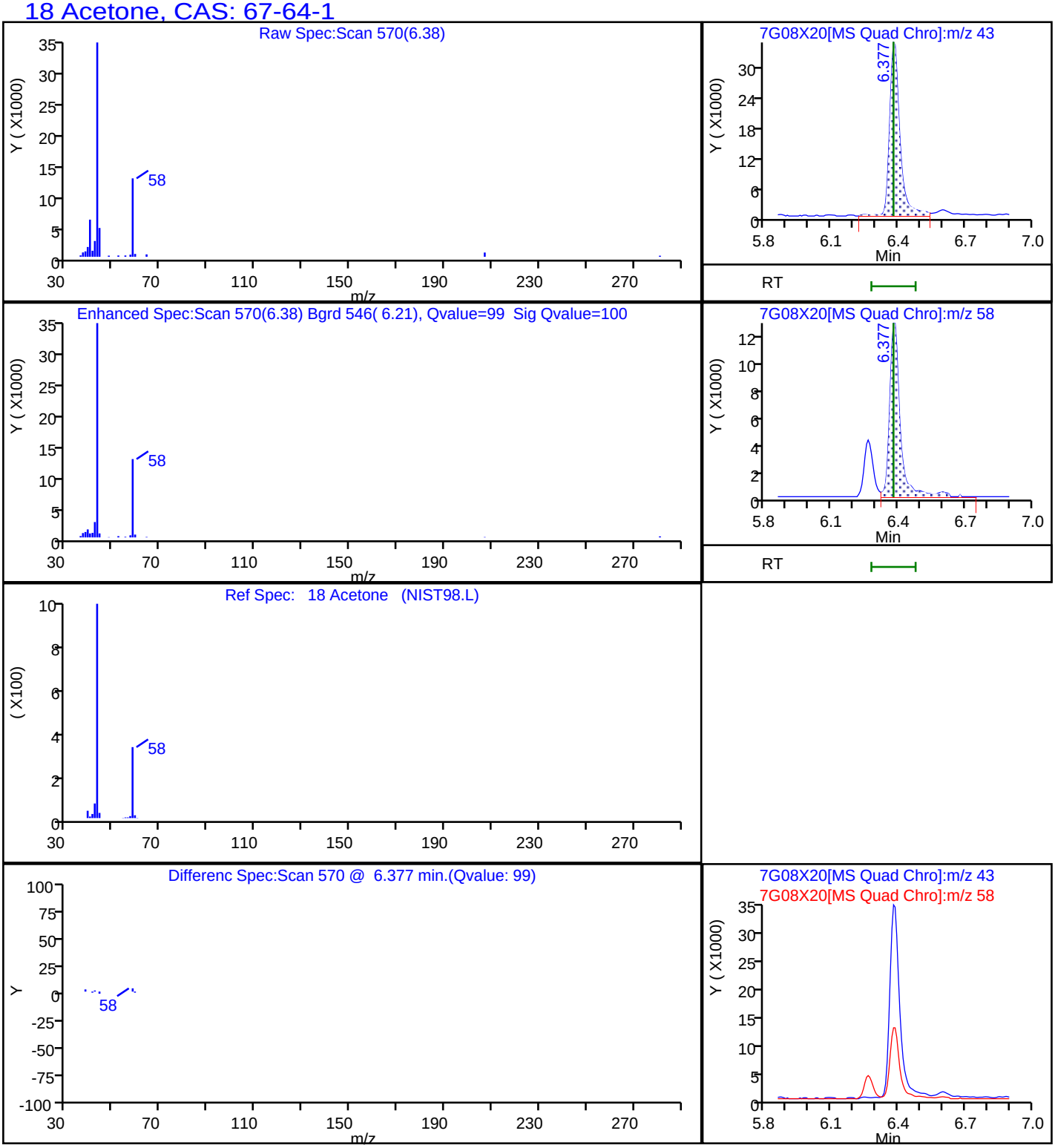


Report Date: 12-Aug-2025 14:04:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X20.D				
Injection Date:	08-Aug-2025 19:15:22	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-4	Lab Sample ID:	410-236802-4		
Client ID:	2080				
Operator ID:	sn105465	ALS Bottle#:	13	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

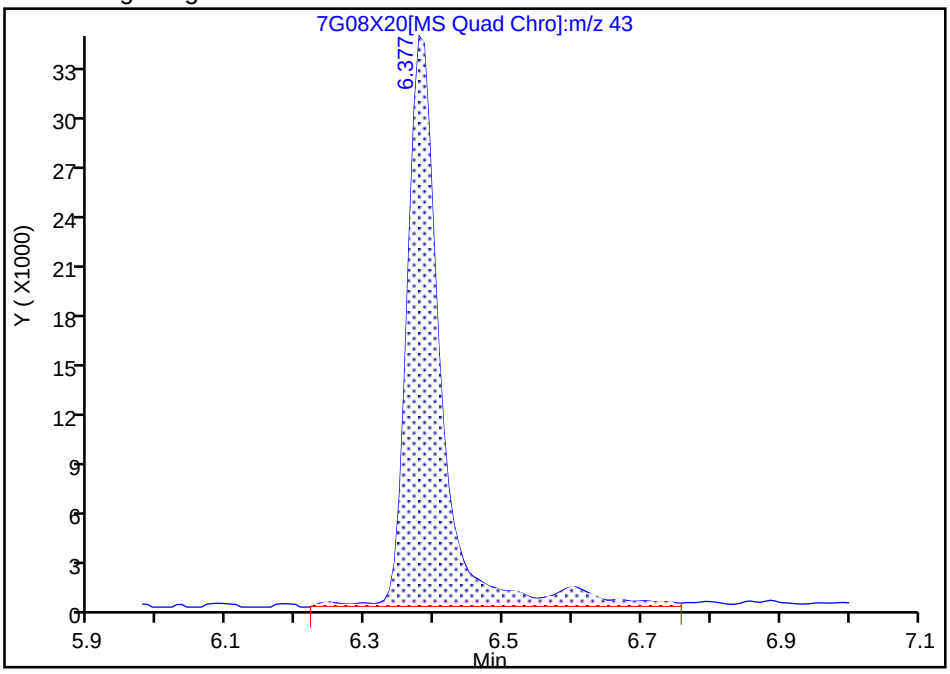
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Injection Date:	08-Aug-2025 19:15:22	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-4	Lab Sample ID:	410-236802-4		
Client ID:	2080				
Operator ID:	sn105465	ALS Bottle#:	13	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

Signal: 1

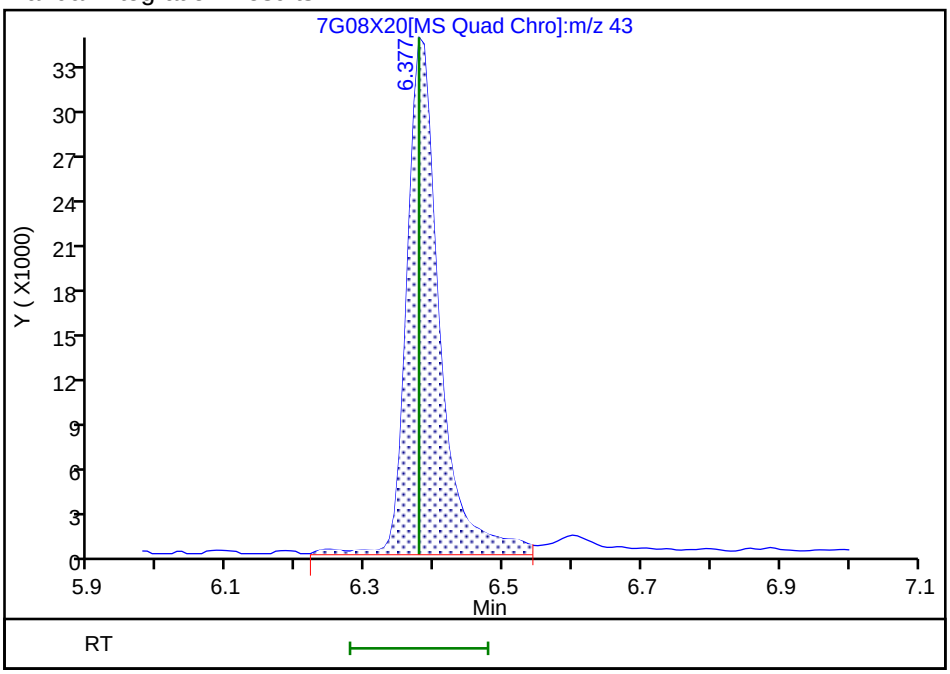
Processing Integration Results

RT: 6.38
Area: 121380
Amount: 2.105258
Amount Units: ppb v/v



Manual Integration Results

RT: 6.38
Area: 113743
Amount: 1.972799
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:25:59 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

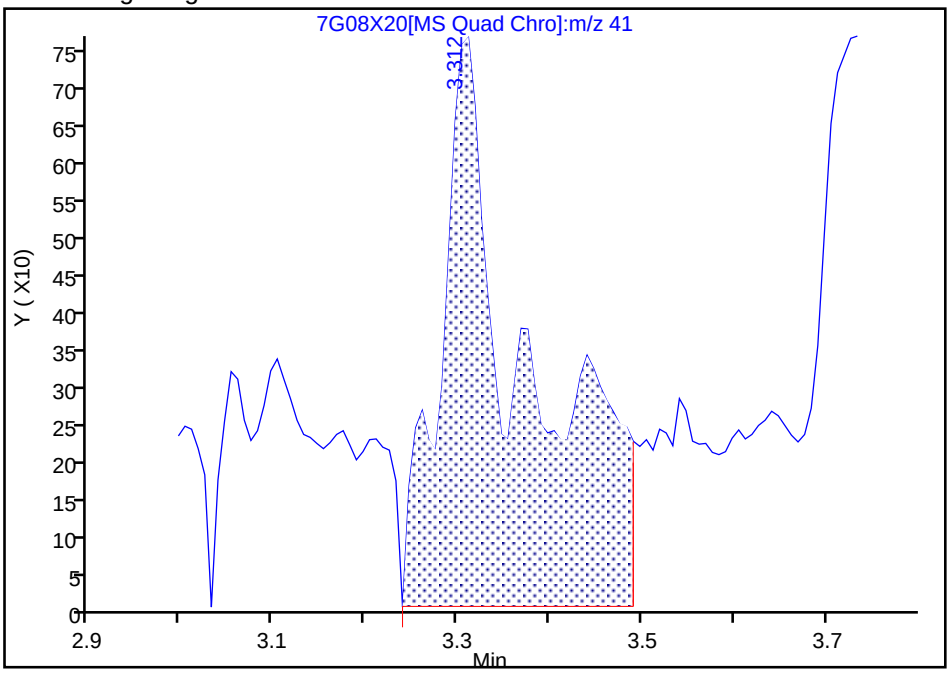
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Injection Date:	08-Aug-2025 19:15:22	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-4	Lab Sample ID:	410-236802-4		
Client ID:	2080				
Operator ID:	sn105465	ALS Bottle#:	13	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

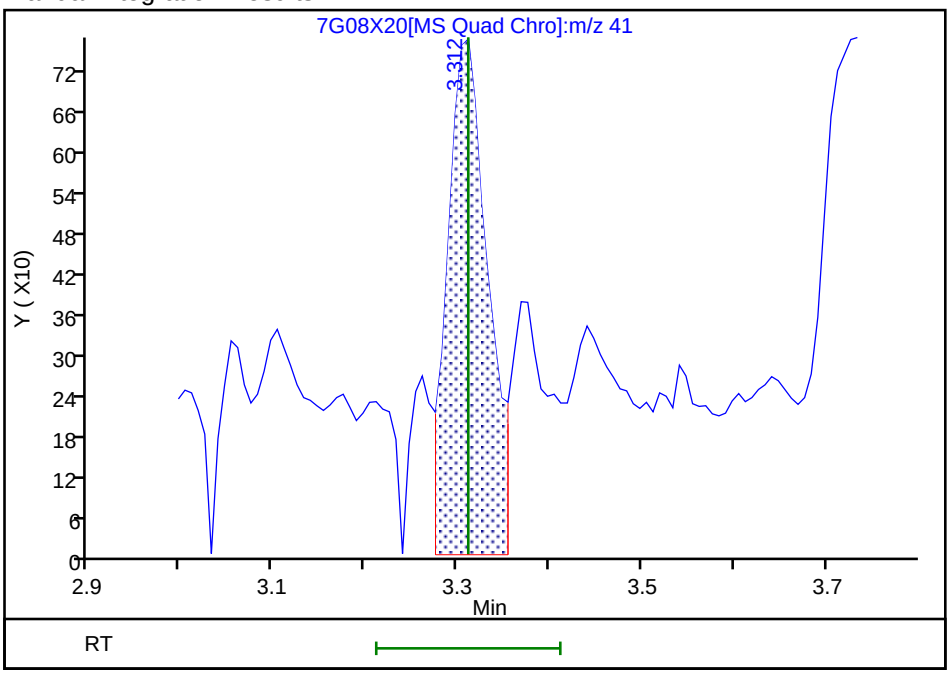
Processing Integration Results

RT: 3.31
Area: 4966
Amount: 0.211506
Amount Units: ppb v/v



Manual Integration Results

RT: 3.31
Area: 2274
Amount: 0.096851
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:25:38 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2102 Lab Sample ID: 410-236802-5

Matrix: Air Lab File ID: 7G08X21.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.4	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2102 Lab Sample ID: 410-236802-5

Matrix: Air Lab File ID: 7G08X21.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2102 Lab Sample ID: 410-236802-5

Matrix: Air Lab File ID: 7G08X21.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	0.97	J	1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2102 Lab Sample ID: 410-236802-5

Matrix: Air Lab File ID: 7G08X21.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 19:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X21.D
Lims ID: 410-236802-A-5
Client ID: 2102
Sample Type: Client
Inject. Date: 08-Aug-2025 19:45:00 ALS Bottle#: 14 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2102
Misc. Info.: 410-0155958-022
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 12-Aug-2025 10:45:14 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: D7UM Date: 11-Aug-2025 13:29:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.304	3.318	-0.007	71	2314	0.0994	M
18 Acetone	43	6.377	6.391	0.000	100	77931	1.36	
21 Isopropyl alcohol	45	6.592	6.592	0.007	97	48303	0.9737	M
35 2-Butanone (MEK)	72	9.193	9.192	0.015	90	3709	0.1592	
* 39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	551420	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1936441	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	87	1884175	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:04:59 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X21.D

Injection Date: 08-Aug-2025 19:45:00 Instrument ID: HP8R004

Lims ID: 410-236802-A-5 Lab Sample ID: 410-236802-5

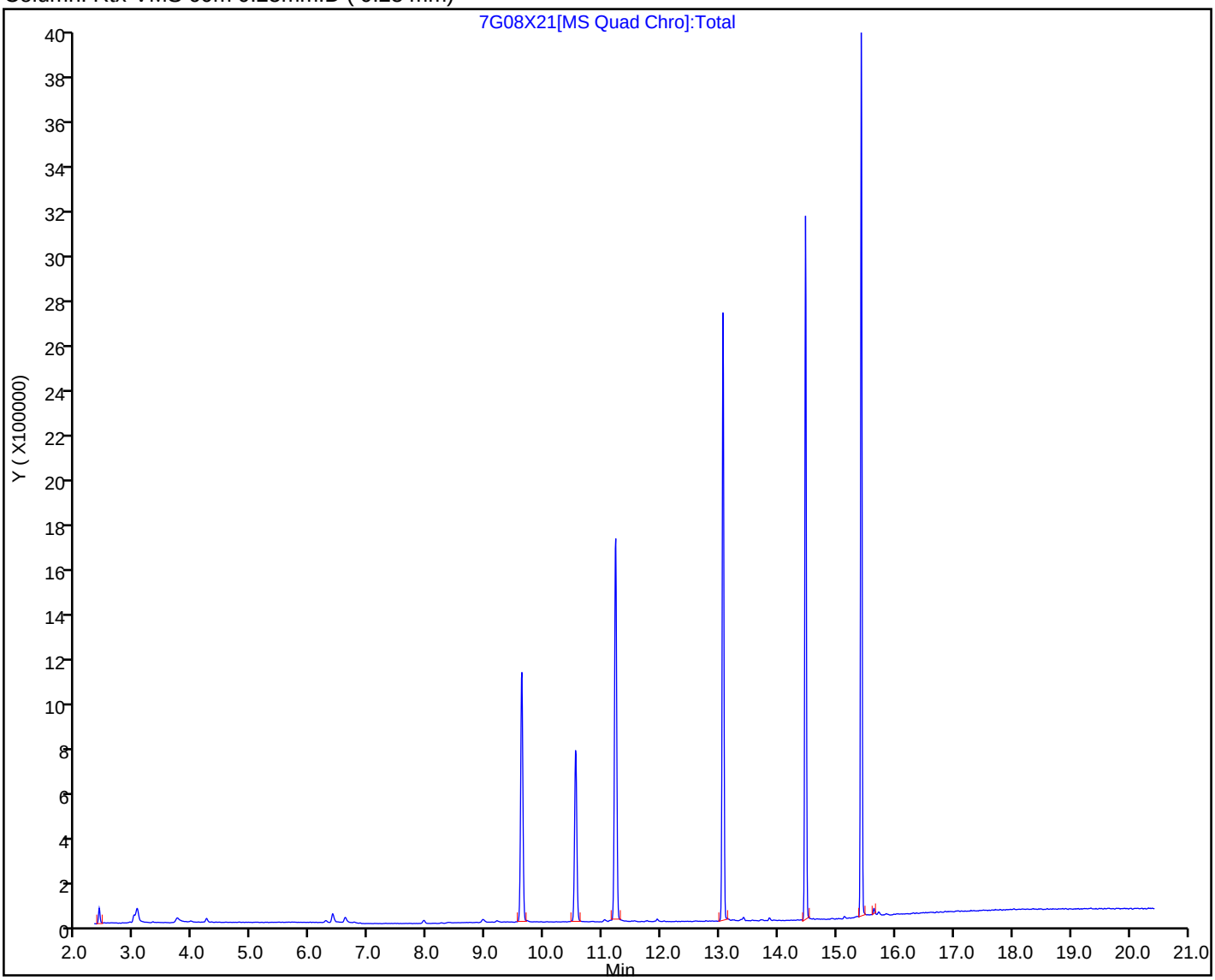
Client ID: 2102

Operator ID: sn105465 ALS Bottle#: 14 Worklist Smp#: 22

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: AirMS_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

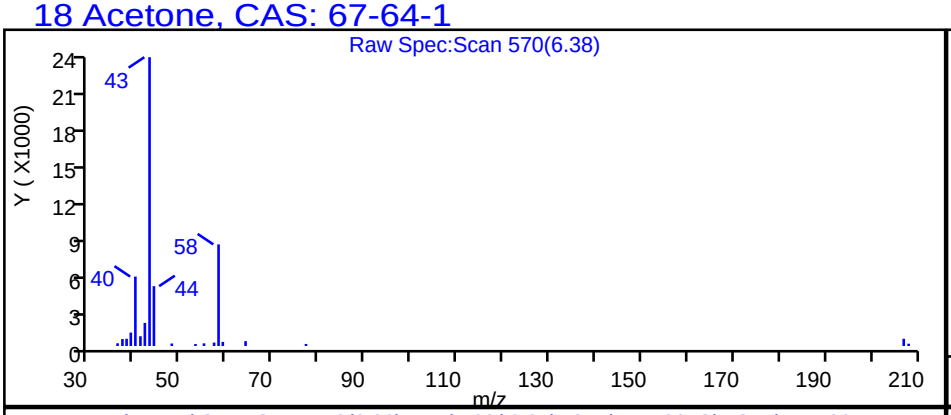


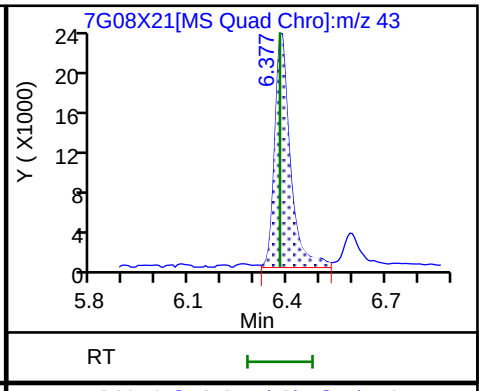
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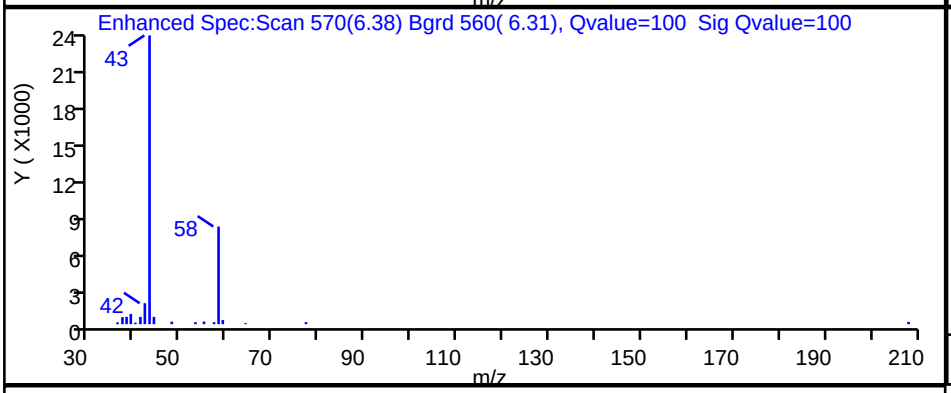
Eurofins Lancaster Laboratories Environment Testing, LLC

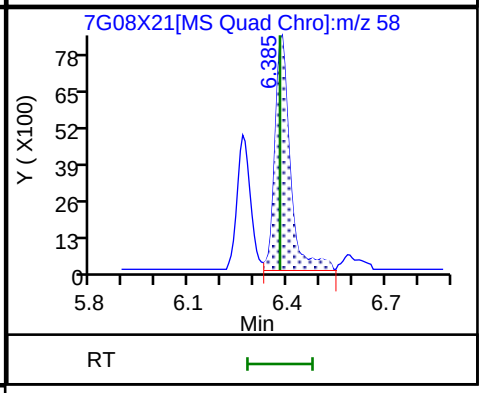
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Injection Date:	08-Aug-2025 19:45:00	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-5	Lab Sample ID:	410-236802-5		
Client ID:	2102				
Operator ID:	sn105465	ALS Bottle#:	14	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

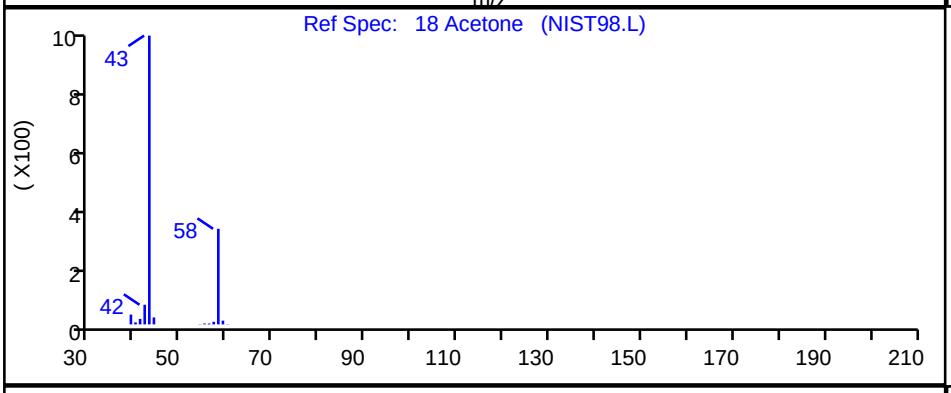
18 Acetone, CAS: 67-64-1

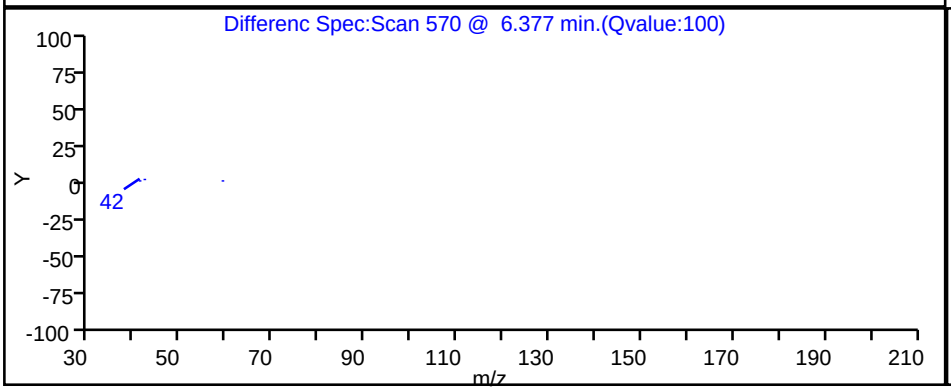


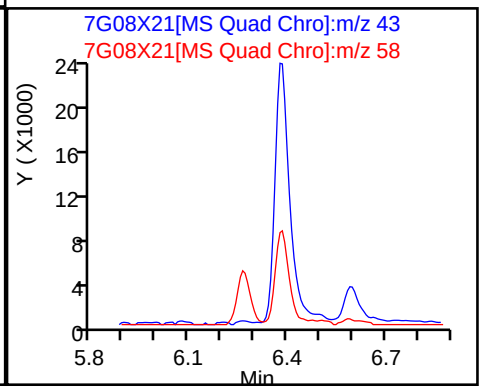










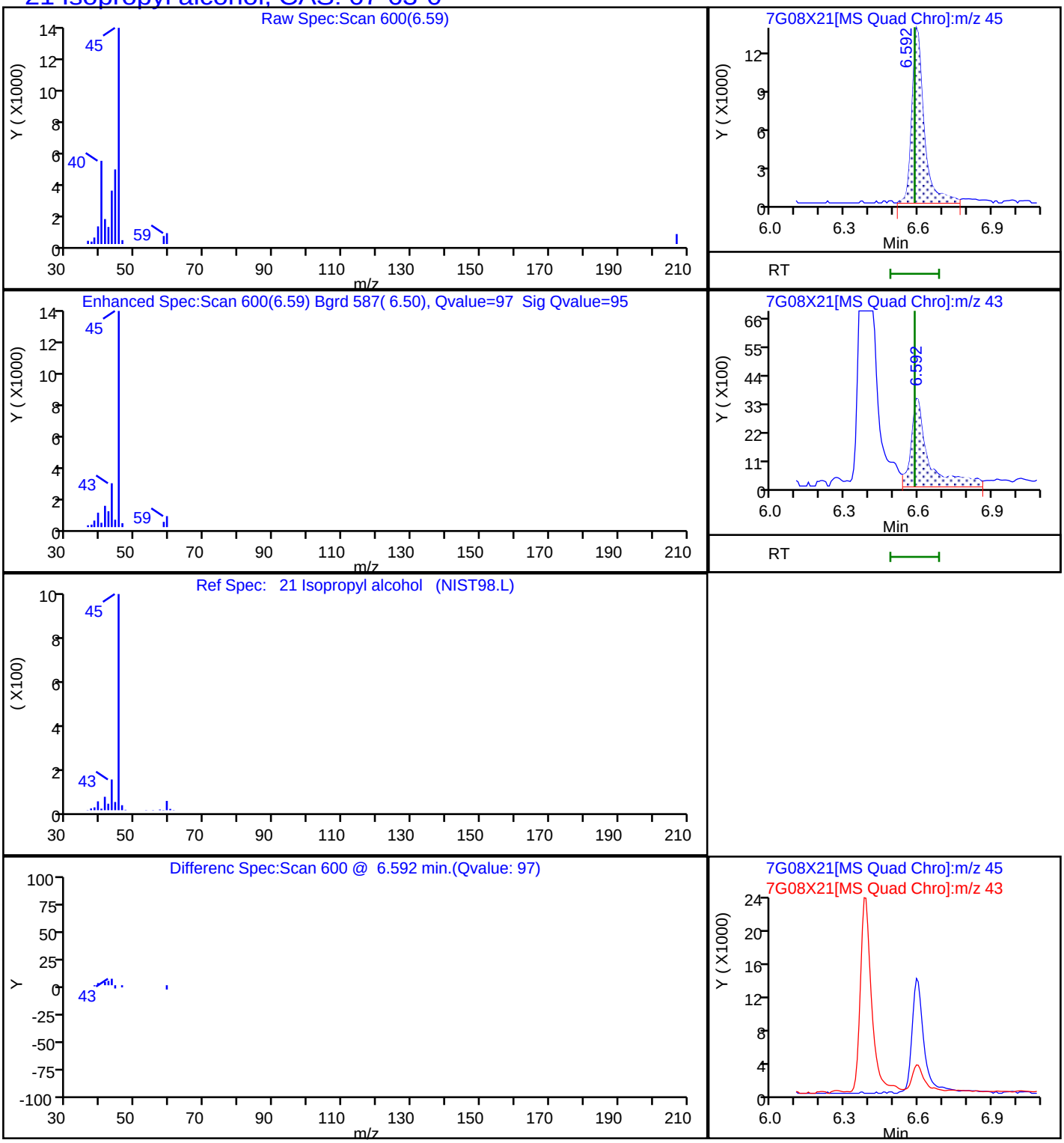


Report Date: 12-Aug-2025 14:04:59 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X21.D				
Injection Date:	08-Aug-2025 19:45:00	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-5	Lab Sample ID:	410-236802-5		
Client ID:	2102				
Operator ID:	sn105465	ALS Bottle#:	14	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

21 Isopropyl alcohol, CAS: 67-63-0



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

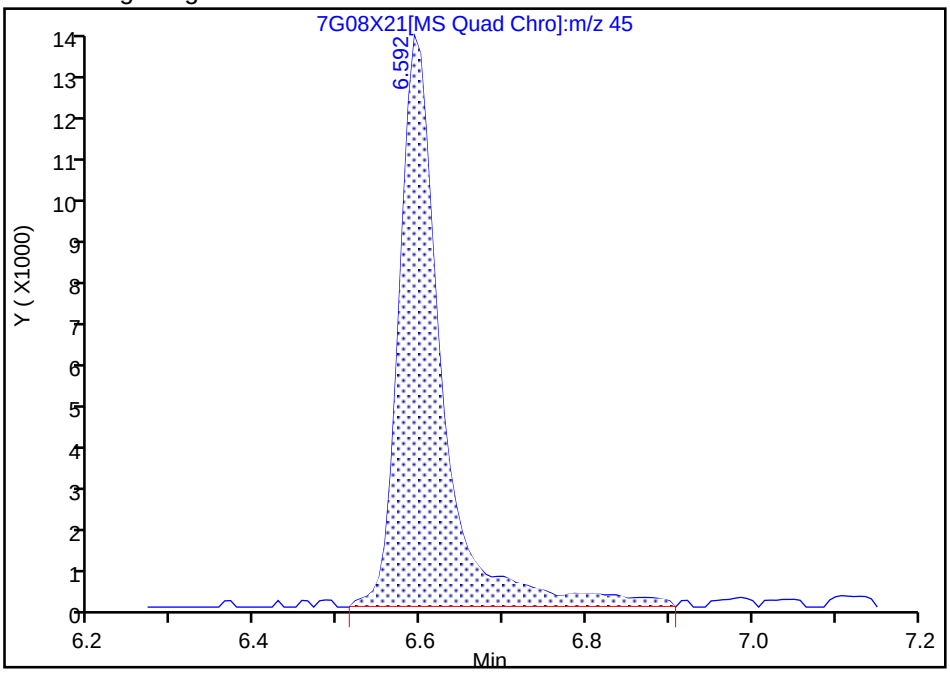
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Injection Date:	08-Aug-2025 19:45:00	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-5	Lab Sample ID:	410-236802-5		
Client ID:	2102				
Operator ID:	sn105465	ALS Bottle#:	14	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

21 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

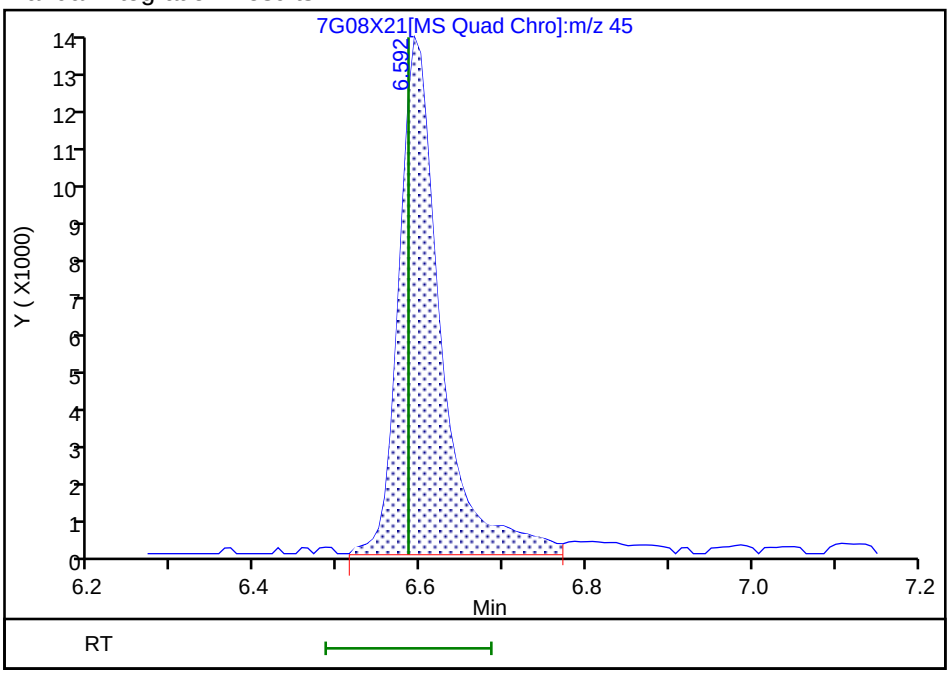
Processing Integration Results

RT: 6.59
Area: 50410
Amount: 1.016191
Amount Units: ppb v/v



Manual Integration Results

RT: 6.59
Area: 48303
Amount: 0.973717
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:27:13 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

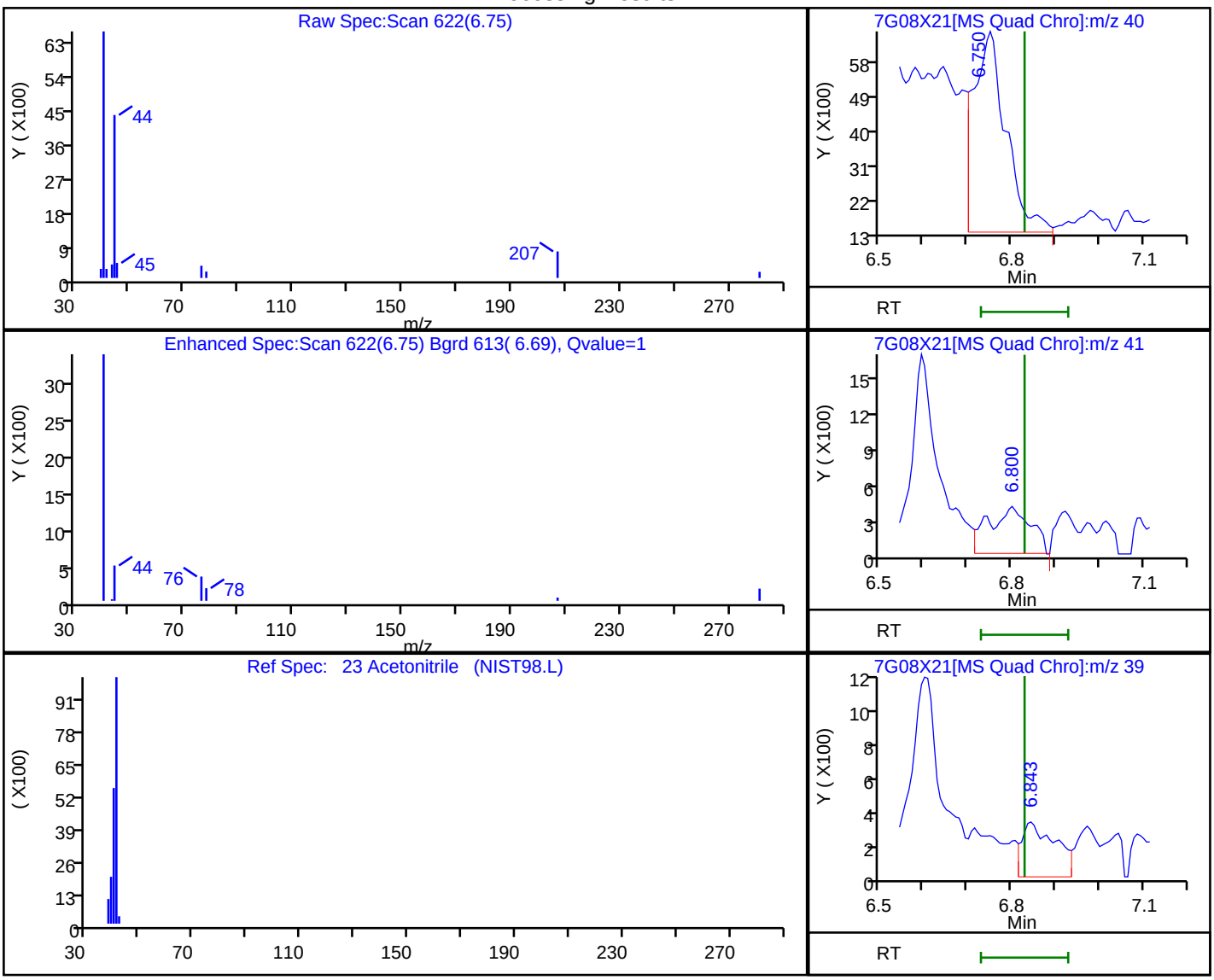
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X21.D				
Injection Date:	08-Aug-2025 19:45:00	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-5	Lab Sample ID:	410-236802-5		
Client ID:	2102				
Operator ID:	sn105465	ALS Bottle#:	14	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
6.75	40.00	25880	1.953800
6.80	41.00	2521	
6.84	39.00	1685	

Reviewer: D7UM, 12-Aug-2025 10:27:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

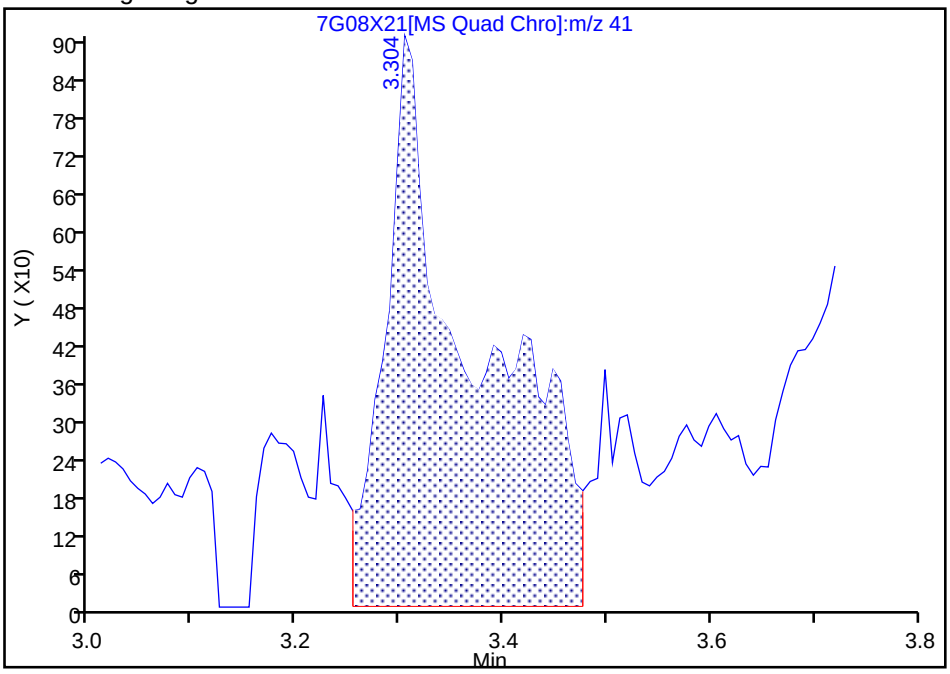
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Injection Date:	08-Aug-2025 19:45:00	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-5	Lab Sample ID:	410-236802-5		
Client ID:	2102				
Operator ID:	sn105465	ALS Bottle#:	14	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

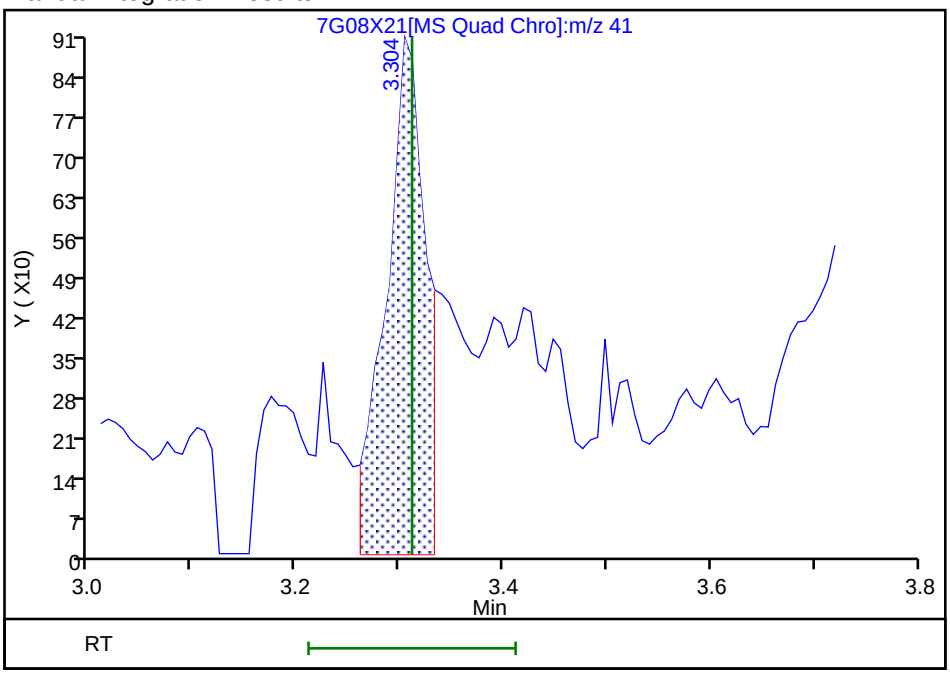
Processing Integration Results

RT: 3.30
Area: 5543
Amount: 0.238004
Amount Units: ppb v/v



Manual Integration Results

RT: 3.30
Area: 2314
Amount: 0.099358
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:27:22 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2105 Lab Sample ID: 410-236802-6

Matrix: Air Lab File ID: 7G08X23.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 20:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2105 Lab Sample ID: 410-236802-6

Matrix: Air Lab File ID: 7G08X23.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 20:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2105 Lab Sample ID: 410-236802-6

Matrix: Air Lab File ID: 7G08X23.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 20:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2105 Lab Sample ID: 410-236802-6

Matrix: Air Lab File ID: 7G08X23.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 20:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X23.D
Lims ID: 410-236802-A-6
Client ID: 2105
Sample Type: Client
Inject. Date: 08-Aug-2025 20:44:06 ALS Bottle#: 16 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2105
Misc. Info.: 410-0155958-024
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 12-Aug-2025 10:45:14 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: D7UM Date: 12-Aug-2025 10:30:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.312	3.318	0.001	84	2180	0.0915	M
18 Acetone	43	6.377	6.391	0.000	100	121222	2.07	
21 Isopropyl alcohol	45	6.599	6.592	0.014	77	15432	0.3040	
35 2-Butanone (MEK)	72	9.193	9.192	0.015	95	3596	0.1508	
* 39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	564212	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1976675	10.0	
70 2-Hexanone	43	13.712	13.727	-0.007	61	4576	0.0571	7M
* 73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	87	1882538	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

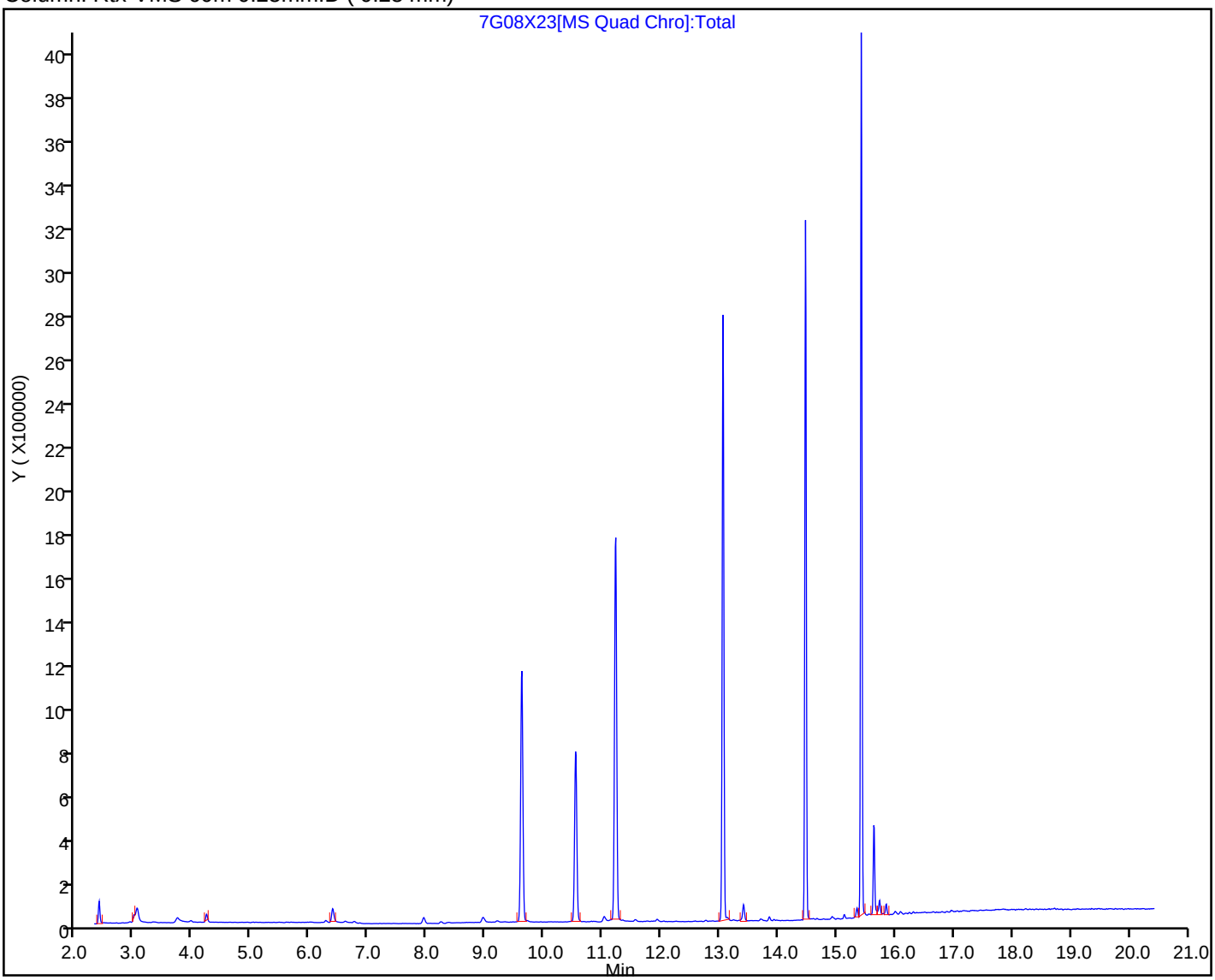
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:02:58 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	08-Aug-2025 20:44:06	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-6	Lab Sample ID:	410-236802-6		
Client ID:	2105				
Operator ID:	sn105465	ALS Bottle#:	16	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

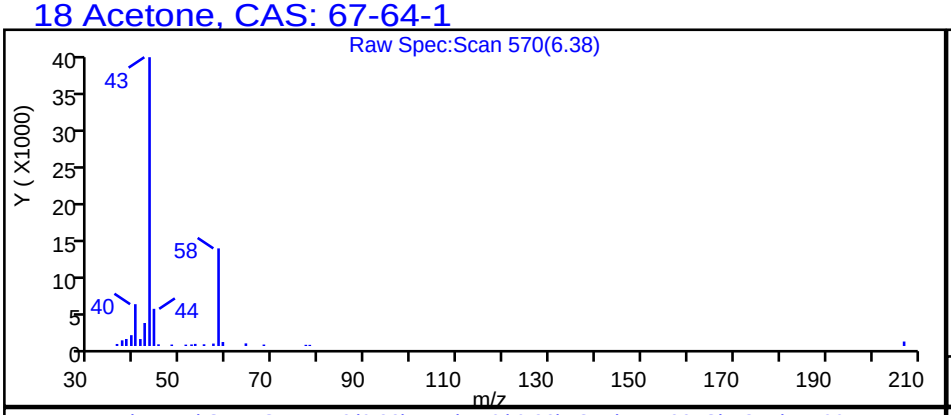


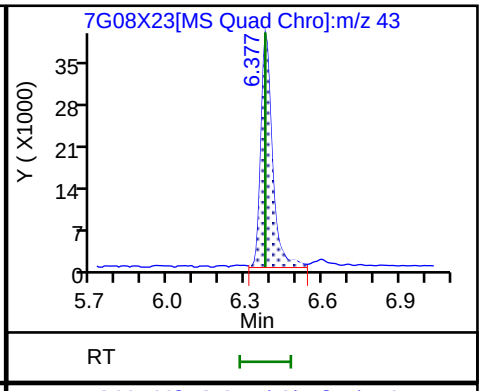
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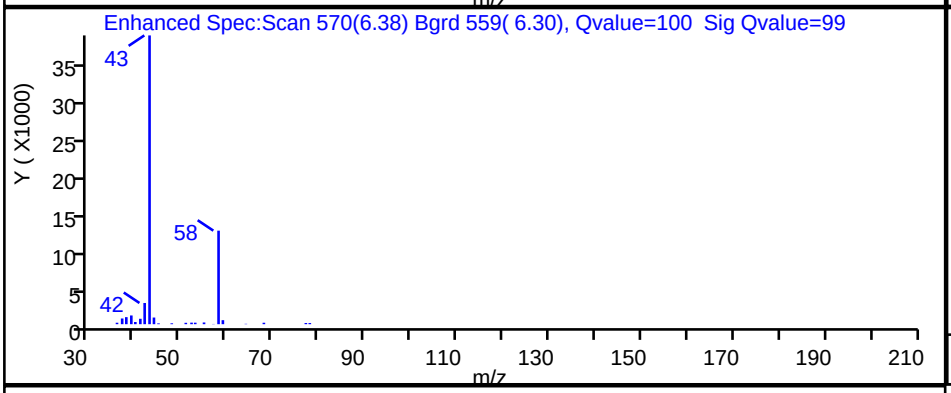
Eurofins Lancaster Laboratories Environment Testing, LLC

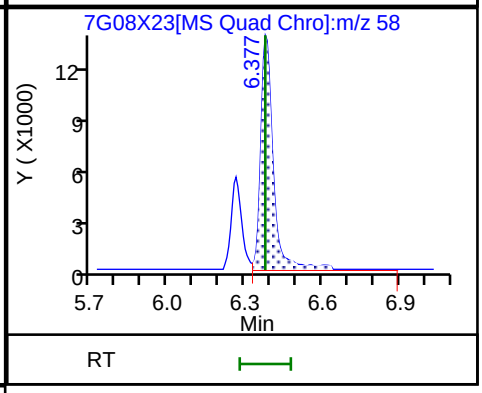
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Injection Date:	08-Aug-2025 20:44:06	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-6	Lab Sample ID:	410-236802-6		
Client ID:	2105				
Operator ID:	sn105465	ALS Bottle#:	16	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

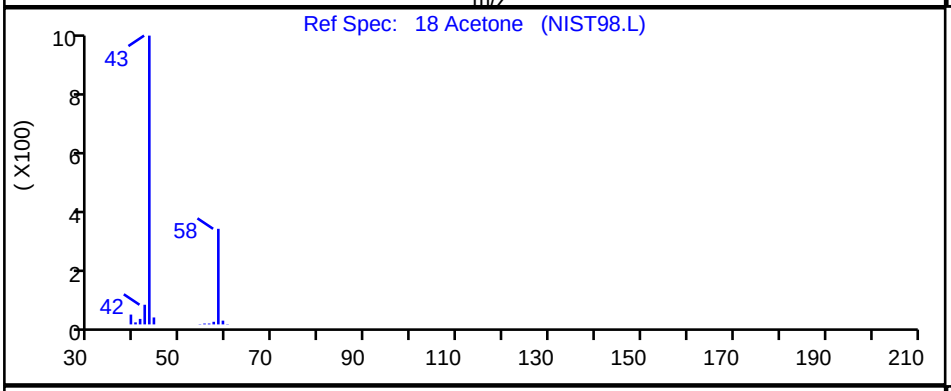
18 Acetone, CAS: 67-64-1

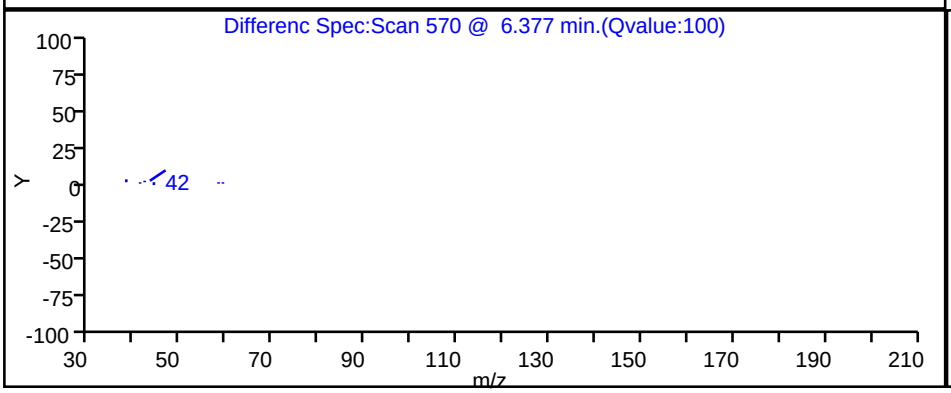


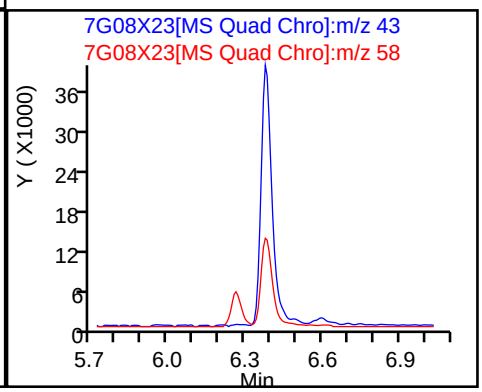












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

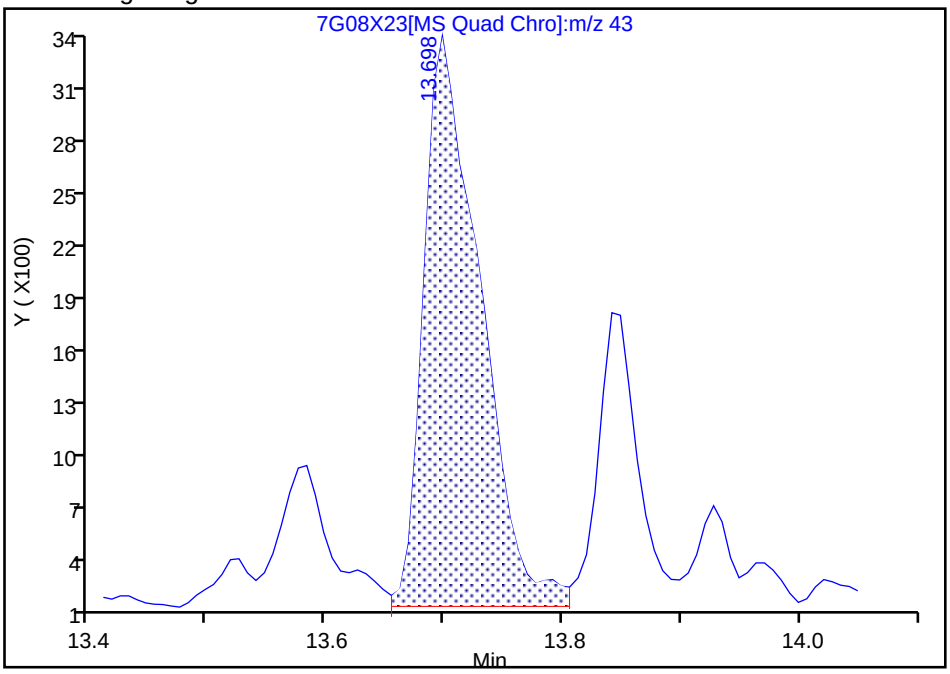
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Injection Date:	08-Aug-2025 20:44:06	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-6	Lab Sample ID:	410-236802-6		
Client ID:	2105				
Operator ID:	sn105465	ALS Bottle#:	16	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

70 2-Hexanone, CAS: 591-78-6

Signal: 1

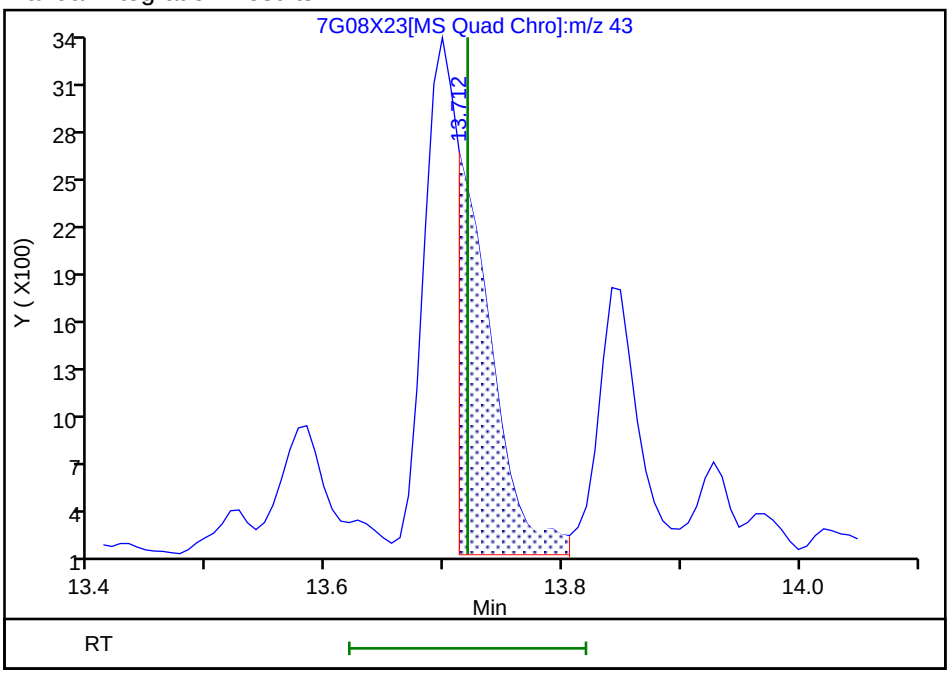
Processing Integration Results

RT: 13.70
Area: 10416
Amount: 0.130048
Amount Units: ppb v/v



Manual Integration Results

RT: 13.71
Area: 4576
Amount: 0.057133
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:29:52 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

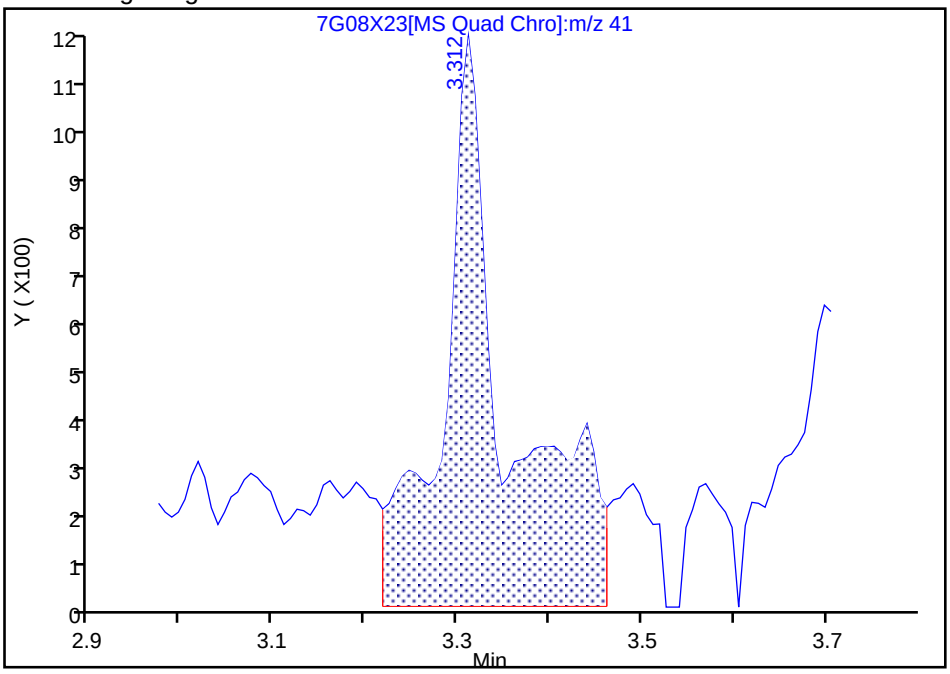
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X23.D				
Injection Date:	08-Aug-2025 20:44:06	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-6	Lab Sample ID:	410-236802-6		
Client ID:	2105				
Operator ID:	sn105465	ALS Bottle#:	16	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

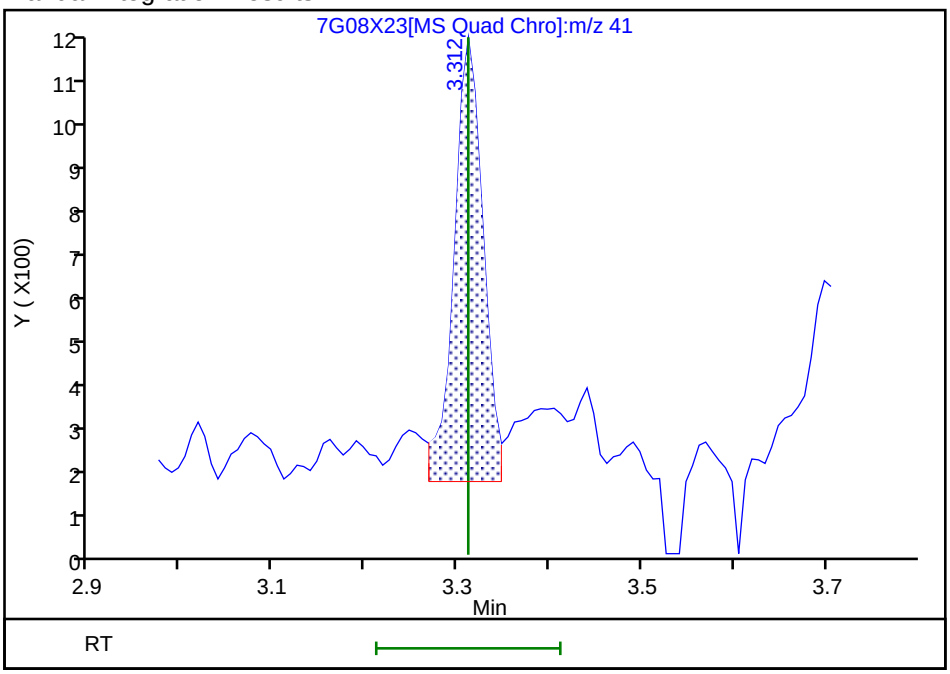
Processing Integration Results

RT: 3.31
Area: 5775
Amount: 0.242343
Amount Units: ppb v/v



Manual Integration Results

RT: 3.31
Area: 2180
Amount: 0.091482
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:29:21 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2109 Lab Sample ID: 410-236802-7

Matrix: Air Lab File ID: 7G08X24.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.4	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2109 Lab Sample ID: 410-236802-7

Matrix: Air Lab File ID: 7G08X24.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2109 Lab Sample ID: 410-236802-7

Matrix: Air Lab File ID: 7G08X24.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2109 Lab Sample ID: 410-236802-7

Matrix: Air Lab File ID: 7G08X24.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X24.D				
Lims ID:	410-236802-A-7				
Client ID:	2109				
Sample Type:	Client				
Inject. Date:	08-Aug-2025 21:13:32	ALS Bottle#:	17	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc2109				
Misc. Info.:	410-0155958-025				
Operator ID:	sn105465	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	12-Aug-2025 10:45:14	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1610				
First Level Reviewer: D7UM		Date:	11-Aug-2025 13:30:18		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.304	3.318	-0.007	85	2296	0.0975	M
18 Acetone	43	6.385	6.391	0.008	99	78960	1.37	
21 Isopropyl alcohol	45	6.600	6.592	0.015	90	19618	0.3910	
35 2-Butanone (MEK)	72	9.193	9.192	0.015	97	3851	0.1634	
* 39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	557747	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.212	0.008	94	1950439	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	87	1871873	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

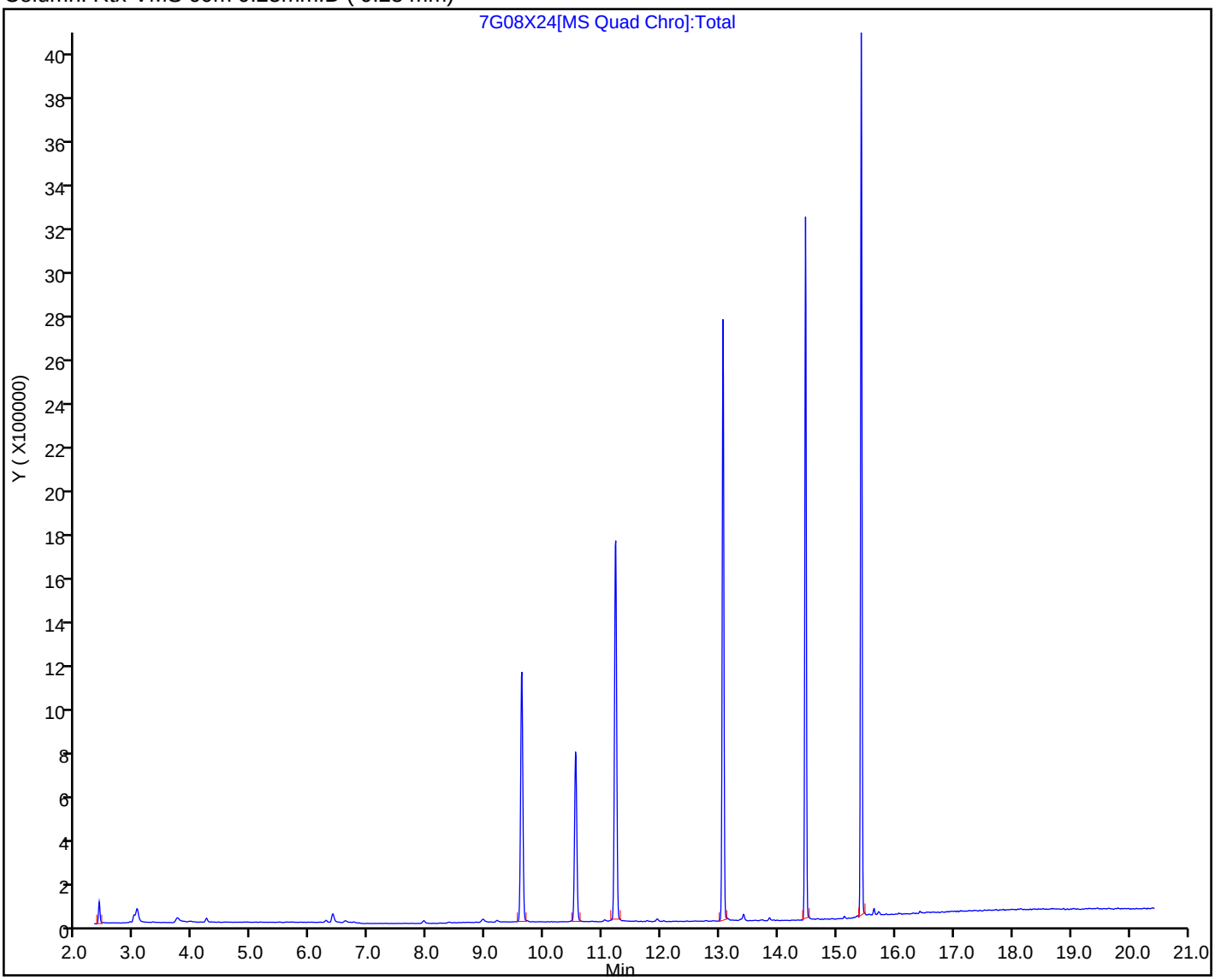
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:03:03 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	08-Aug-2025 21:13:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-7	Lab Sample ID:	410-236802-7		
Client ID:	2109				
Operator ID:	sn105465	ALS Bottle#:	17	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

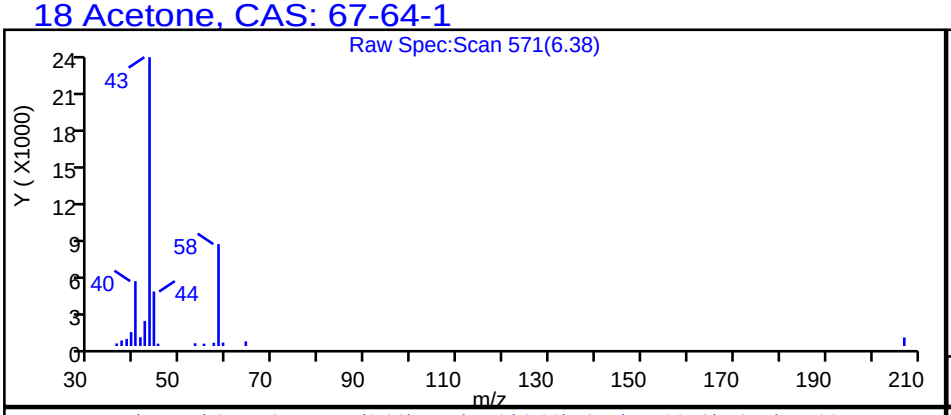


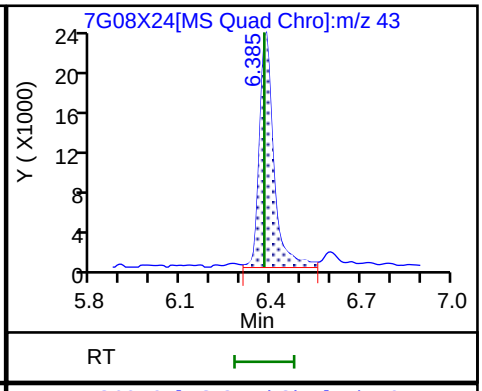
Report Date: 12-Aug-2025 14:03:03 Chrom Revision: 2.3 25-Jul-2025 13:52:40

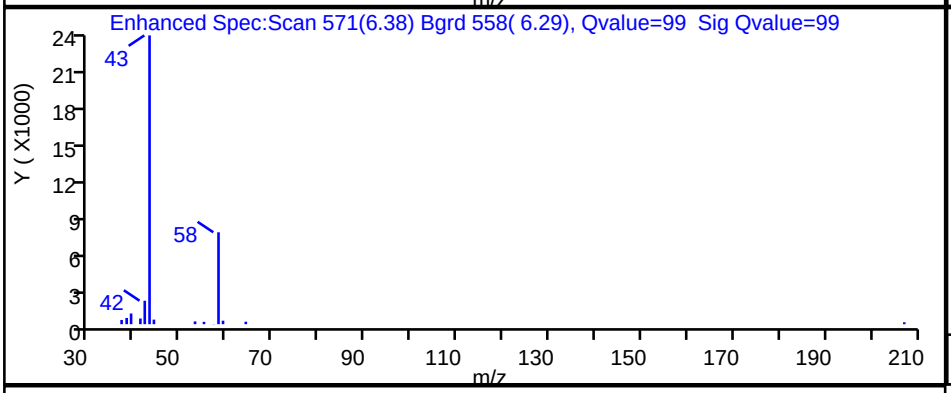
Eurofins Lancaster Laboratories Environment Testing, LLC

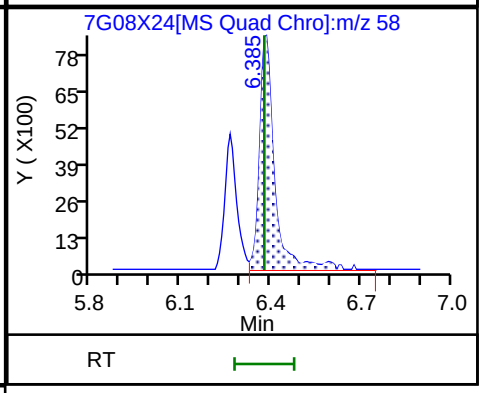
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Injection Date:	08-Aug-2025 21:13:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-7	Lab Sample ID:	410-236802-7		
Client ID:	2109				
Operator ID:	sn105465	ALS Bottle#:	17	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

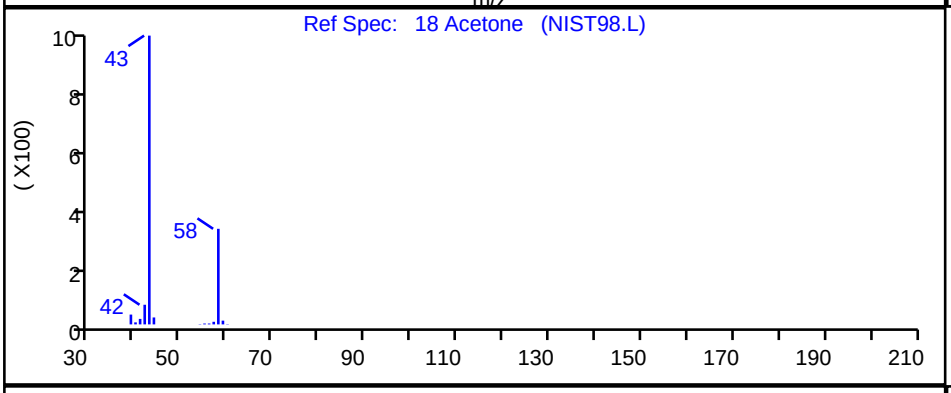
18 Acetone, CAS: 67-64-1

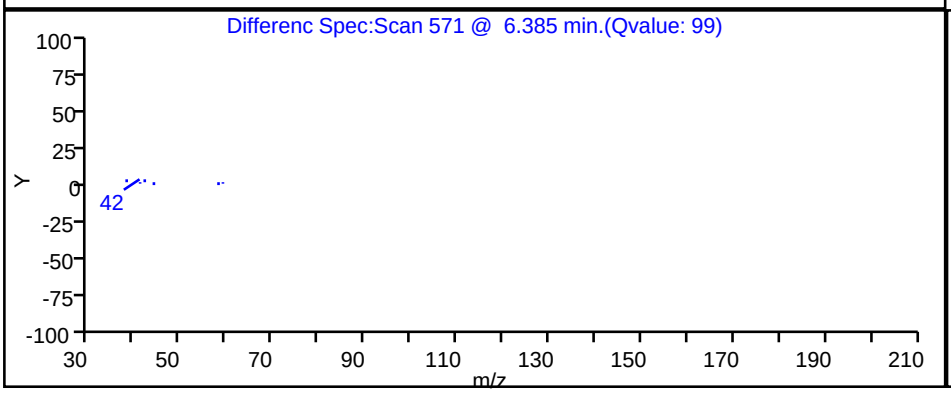


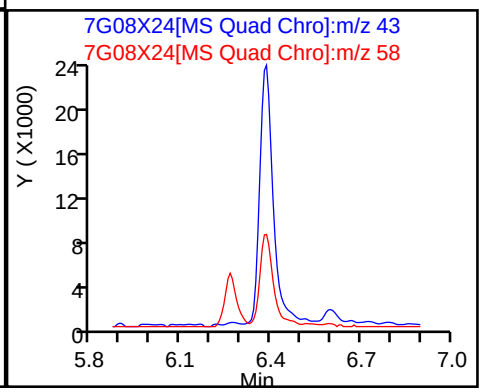












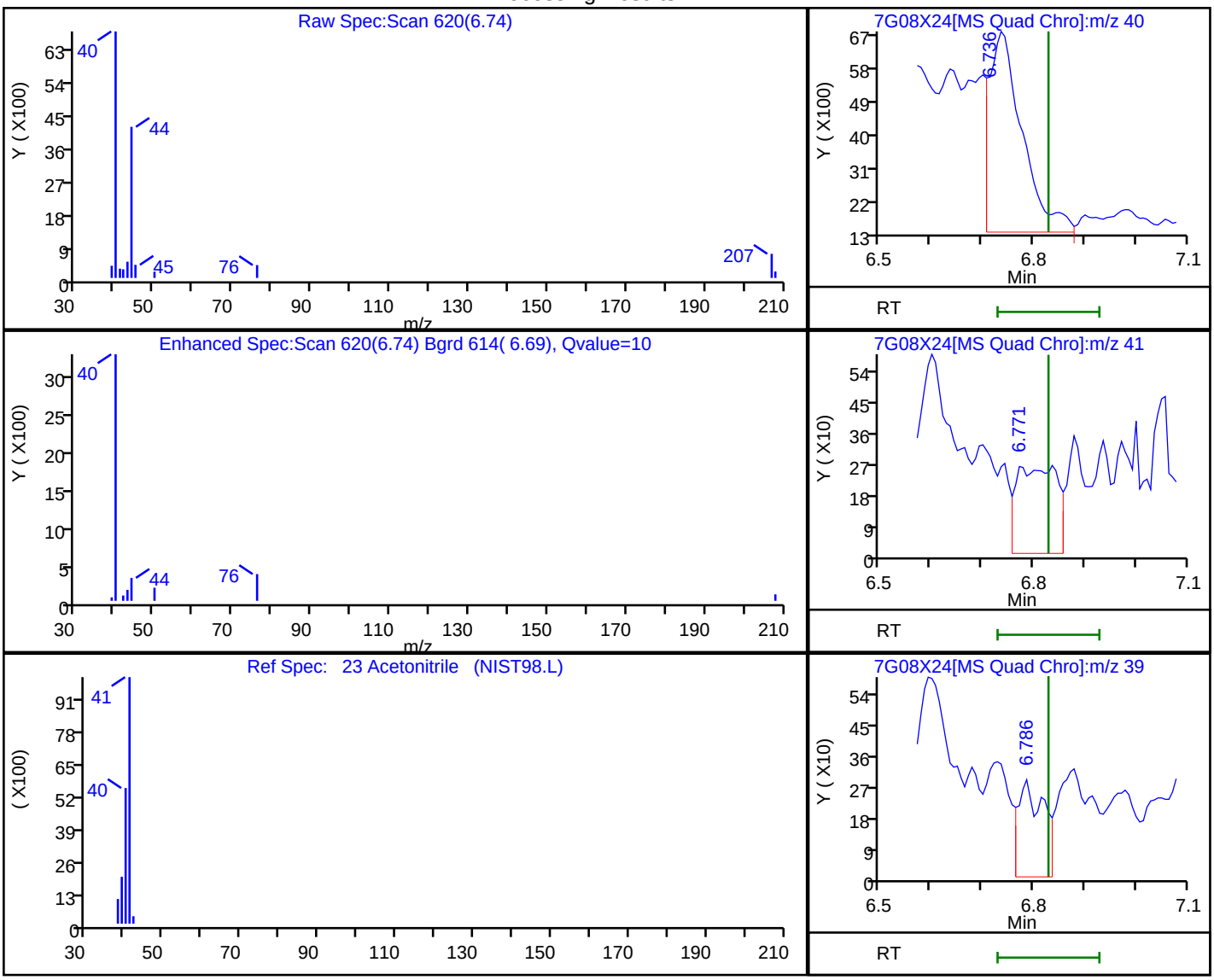
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X24.D				
Injection Date:	08-Aug-2025 21:13:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-7	Lab Sample ID:	410-236802-7		
Client ID:	2109				
Operator ID:	sn105465	ALS Bottle#:	17	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
6.74	40.00	23415	1.747653
6.77	41.00	1395	
6.79	39.00	944	

Reviewer: D7UM, 12-Aug-2025 10:30:54 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

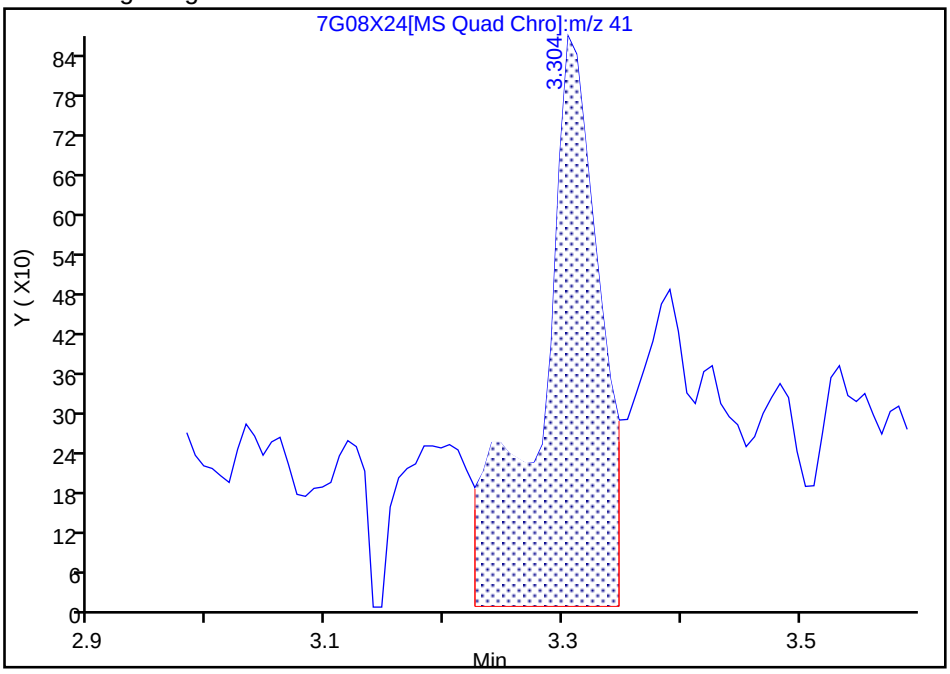
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Injection Date:	08-Aug-2025 21:13:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-7	Lab Sample ID:	410-236802-7		
Client ID:	2109				
Operator ID:	sn105465	ALS Bottle#:	17	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

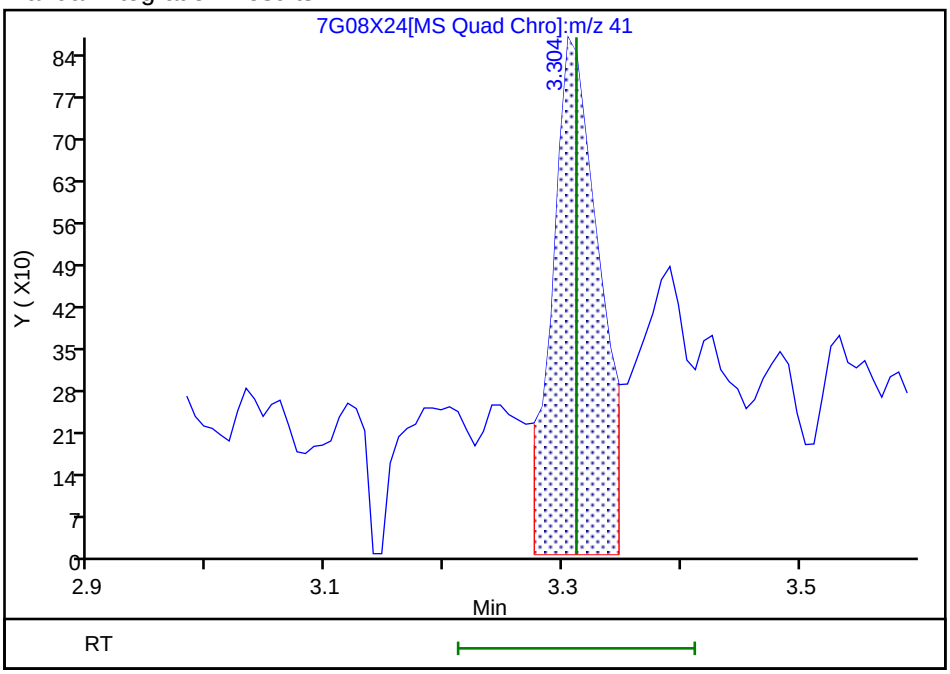
Processing Integration Results

RT: 3.30
Area: 2971
Amount: 0.126121
Amount Units: ppb v/v



Manual Integration Results

RT: 3.30
Area: 2296
Amount: 0.097467
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:30:45 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2022 Lab Sample ID: 410-236802-8

Matrix: Air Lab File ID: 7G08X25.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2022 Lab Sample ID: 410-236802-8

Matrix: Air Lab File ID: 7G08X25.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2022 Lab Sample ID: 410-236802-8

Matrix: Air Lab File ID: 7G08X25.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2022 Lab Sample ID: 410-236802-8

Matrix: Air Lab File ID: 7G08X25.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 21:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X25.D				
Lims ID:	410-236802-A-8				
Client ID:	2022				
Sample Type:	Client				
Inject. Date:	08-Aug-2025 21:43:09	ALS Bottle#:	18	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc2022				
Misc. Info.:	410-0155958-026				
Operator ID:	sn105465	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	12-Aug-2025 10:45:14	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1610				
First Level Reviewer: D7UM		Date:	12-Aug-2025 10:33:04		

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	3.304	3.318	-0.007	68	2159	0.0907	
	18 Acetone	43	6.385	6.391	0.007	95	50758	0.8679	M
	21 Isopropyl alcohol	45	6.599	6.592	0.014	80	11358	0.2239	
*	39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	563874	10.0	
*	51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1976285	10.0	
*	73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	87	1894676	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

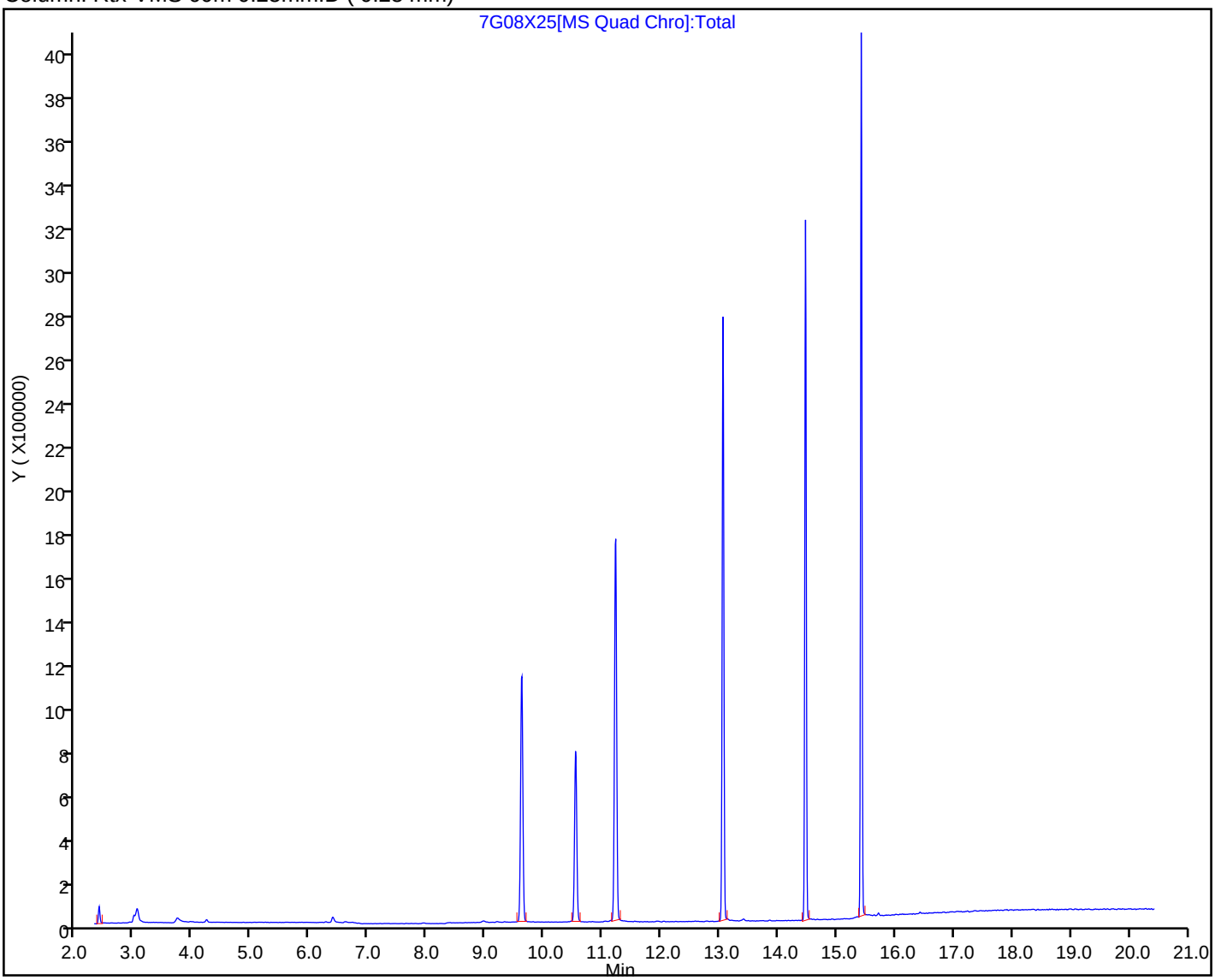
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:03:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X25.D				
Injection Date:	08-Aug-2025 21:43:09	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-8	Lab Sample ID:	410-236802-8		
Client ID:	2022				
Operator ID:	sn105465	ALS Bottle#:	18	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

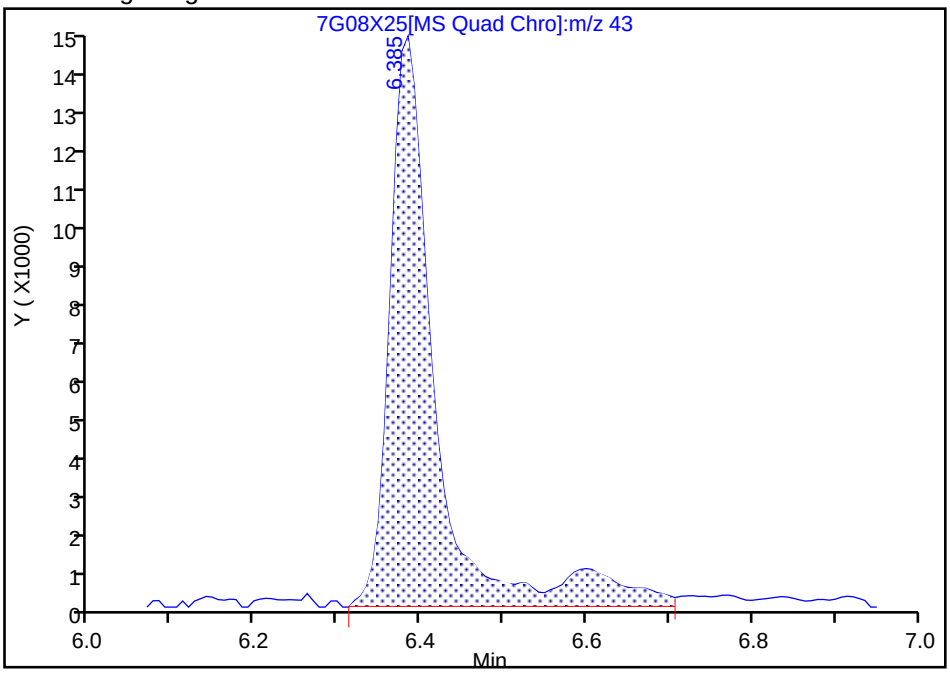
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X25.D				
Injection Date:	08-Aug-2025 21:43:09	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-8	Lab Sample ID:	410-236802-8		
Client ID:	2022				
Operator ID:	sn105465	ALS Bottle#:	18	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

Signal: 1

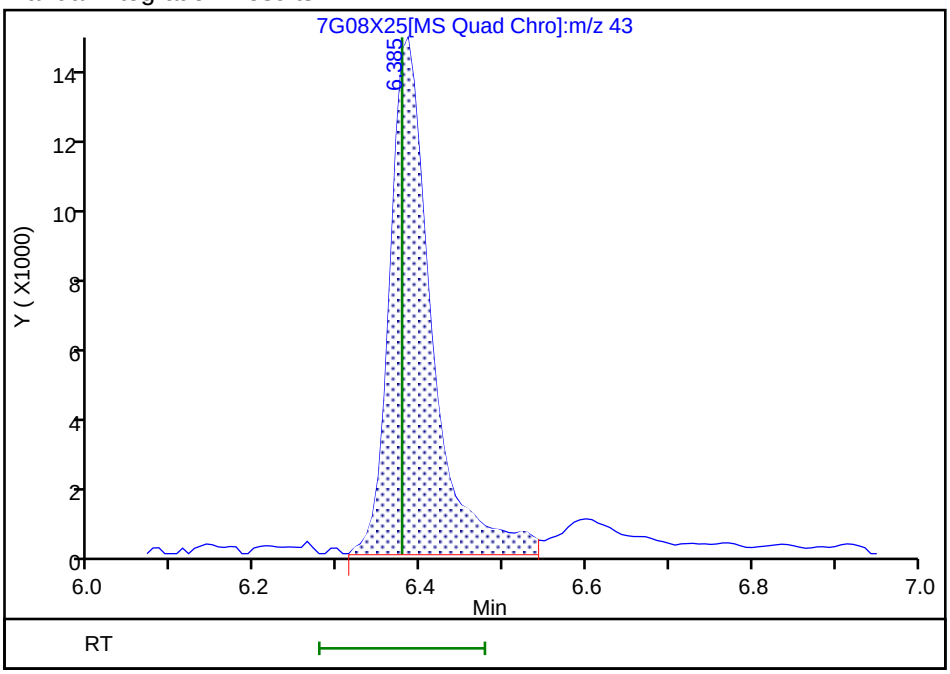
Processing Integration Results

RT: 6.38
Area: 56632
Amount: 0.968374
Amount Units: ppb v/v



Manual Integration Results

RT: 6.38
Area: 50758
Amount: 0.867932
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:32:14 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2103 Lab Sample ID: 410-236802-9

Matrix: Air Lab File ID: 7G08X26.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 22:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.25	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	3.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2103 Lab Sample ID: 410-236802-9

Matrix: Air Lab File ID: 7G08X26.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 22:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2103 Lab Sample ID: 410-236802-9

Matrix: Air Lab File ID: 7G08X26.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 22:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2103 Lab Sample ID: 410-236802-9

Matrix: Air Lab File ID: 7G08X26.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 22:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X26.D
Lims ID: 410-236802-A-9
Client ID: 2103
Sample Type: Client
Inject. Date: 08-Aug-2025 22:12:32 ALS Bottle#: 19 Worklist Smp#: 27
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2103
Misc. Info.: 410-0155958-027
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 12-Aug-2025 10:45:14 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: D7UM Date: 12-Aug-2025 10:35:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.311	3.318	0.000	71	1924	0.0818	M
18 Acetone	43	6.377	6.391	0.000	99	176744	3.06	M
21 Isopropyl alcohol	45	6.599	6.592	0.014	65	8632	0.1723	
35 2-Butanone (MEK)	72	9.192	9.192	0.014	95	5934	0.2521	
* 39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	556936	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1949043	10.0	
70 2-Hexanone	43	13.727	13.727	0.008	66	4054	0.0510	7M
* 73 Chlorobenzene-d5 (IS)	117	14.464	14.464	0.000	87	1869325	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

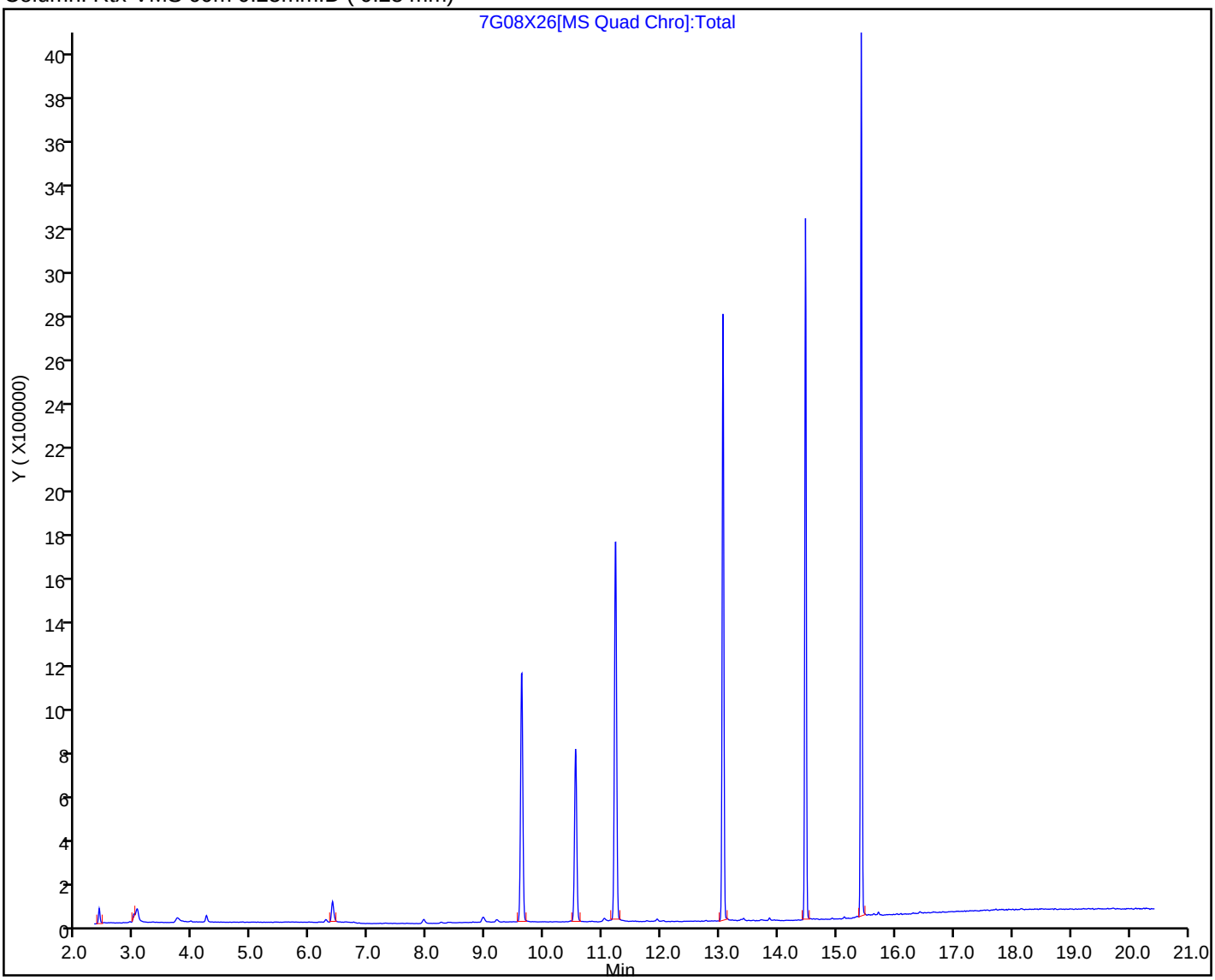
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:03:17 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X26.D				
Injection Date:	08-Aug-2025 22:12:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-9	Lab Sample ID:	410-236802-9		
Client ID:	2103				
Operator ID:	sn105465	ALS Bottle#:	19	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

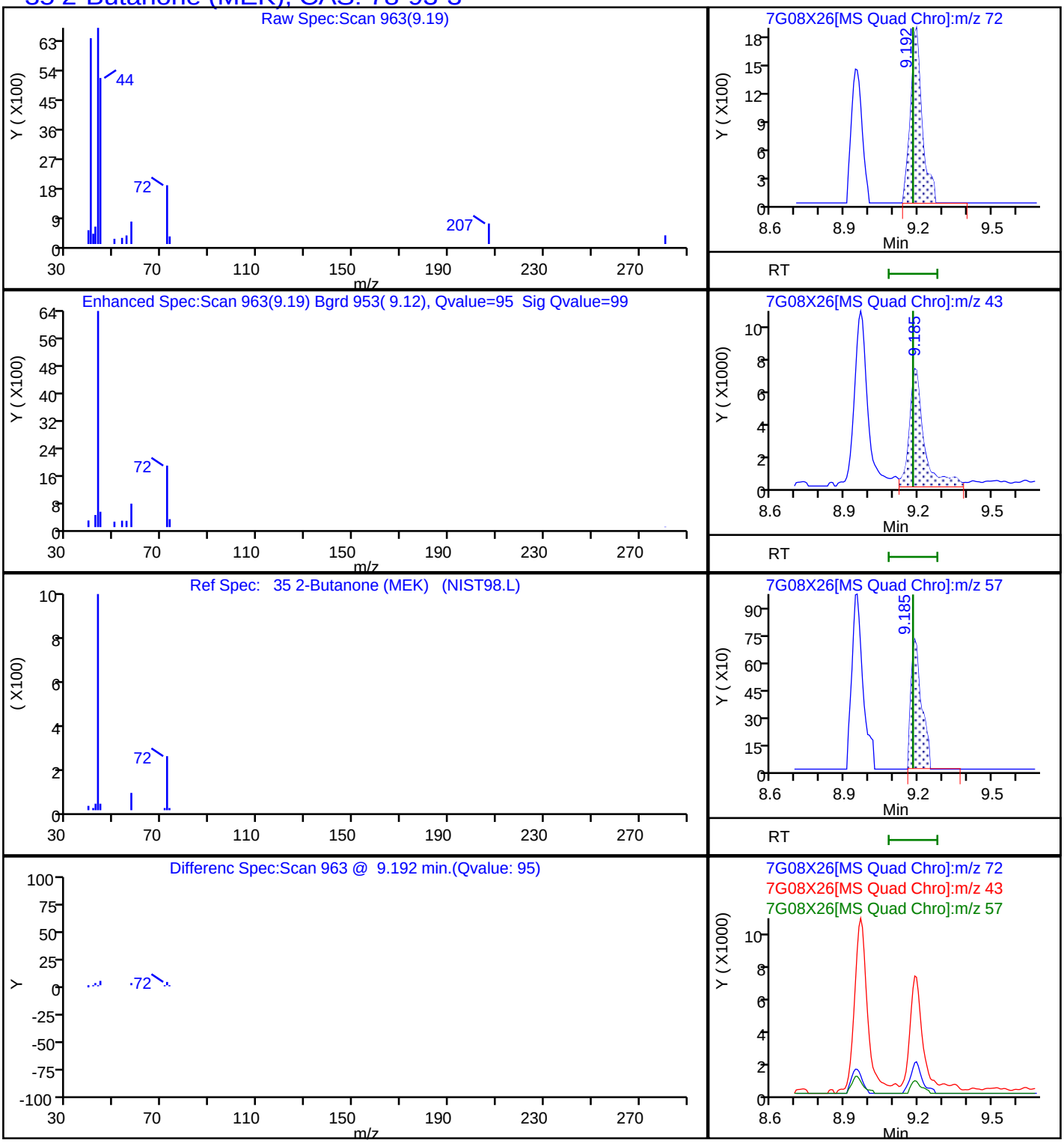


Report Date: 12-Aug-2025 14:03:19 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X26.D				
Injection Date:	08-Aug-2025 22:12:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-9	Lab Sample ID:	410-236802-9		
Client ID:	2103				
Operator ID:	sn105465	ALS Bottle#:	19	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

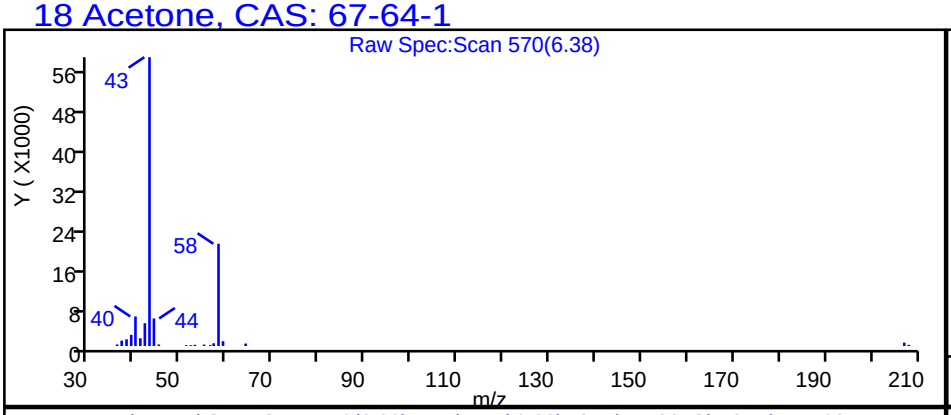


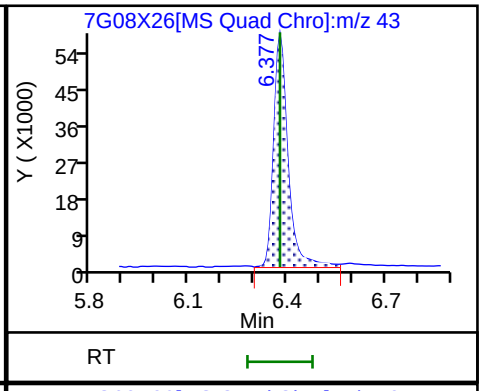
Report Date: 12-Aug-2025 14:03:18 Chrom Revision: 2.3 25-Jul-2025 13:52:40

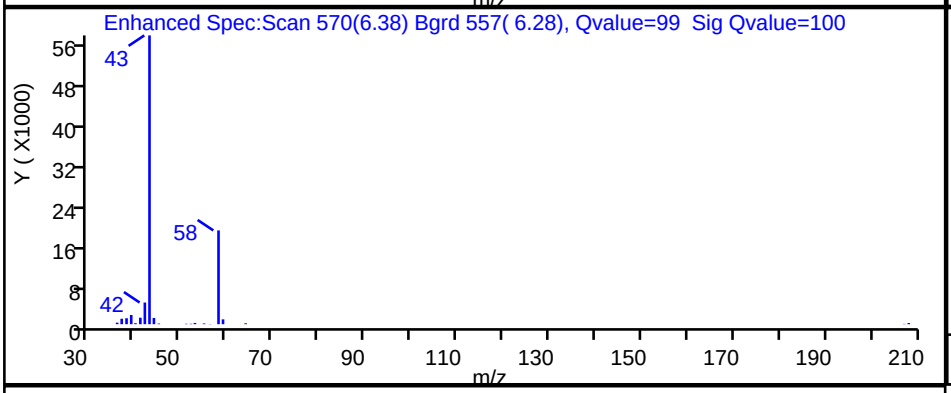
Eurofins Lancaster Laboratories Environment Testing, LLC

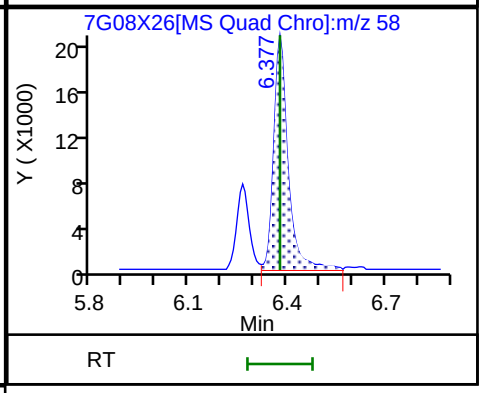
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X26.D				
Injection Date:	08-Aug-2025 22:12:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-9	Lab Sample ID:	410-236802-9		
Client ID:	2103				
Operator ID:	sn105465	ALS Bottle#:	19	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

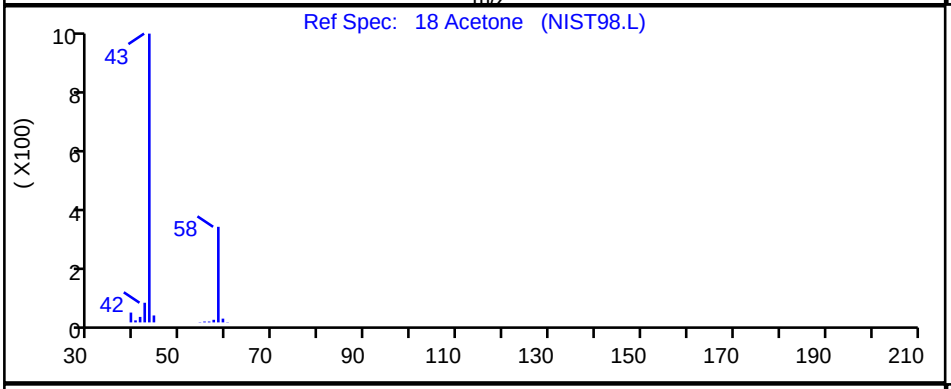
18 Acetone, CAS: 67-64-1

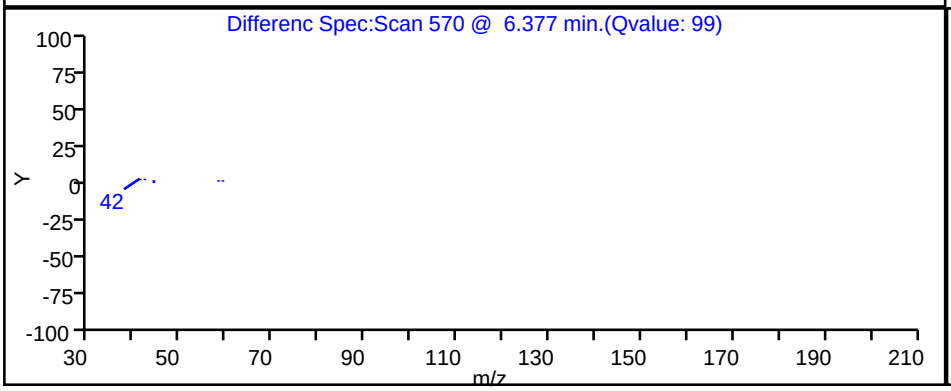


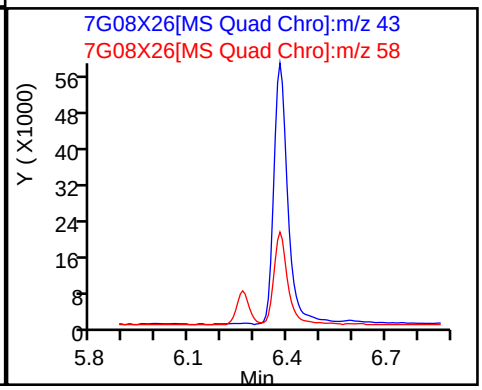












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

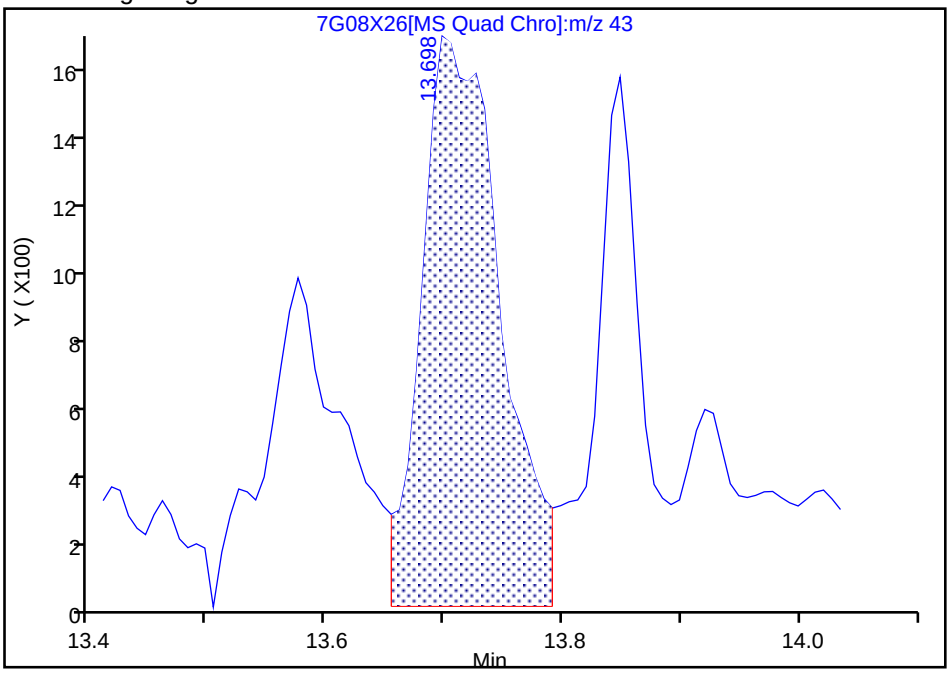
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X26.D				
Injection Date:	08-Aug-2025 22:12:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-9	Lab Sample ID:	410-236802-9		
Client ID:	2103				
Operator ID:	sn105465	ALS Bottle#:	19	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

70 2-Hexanone, CAS: 591-78-6

Signal: 1

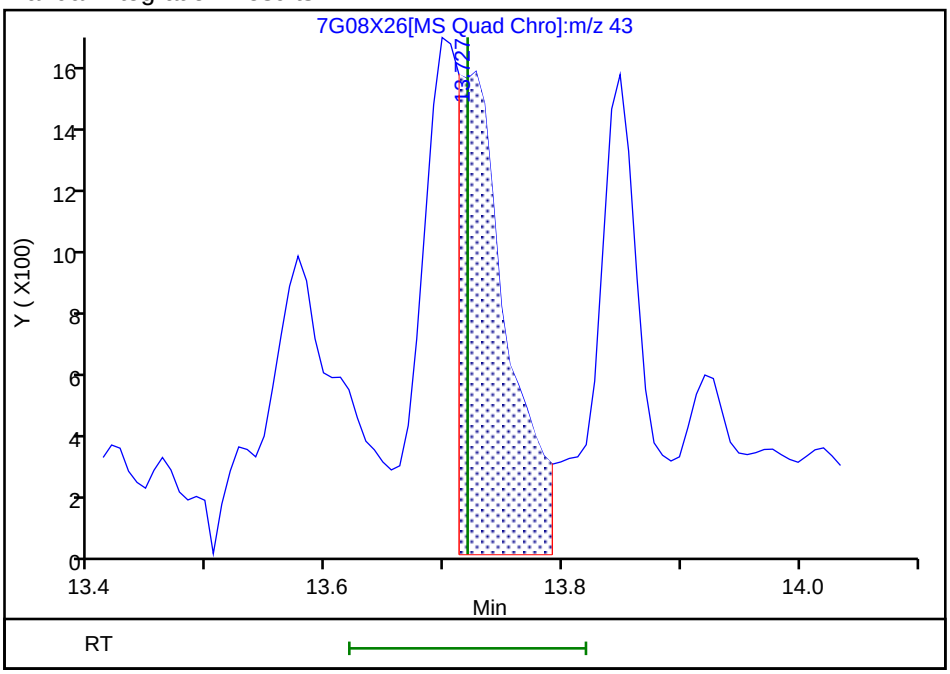
Processing Integration Results

RT: 13.70
Area: 7441
Amount: 0.093561
Amount Units: ppb v/v



Manual Integration Results

RT: 13.73
Area: 4054
Amount: 0.050974
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:34:22 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

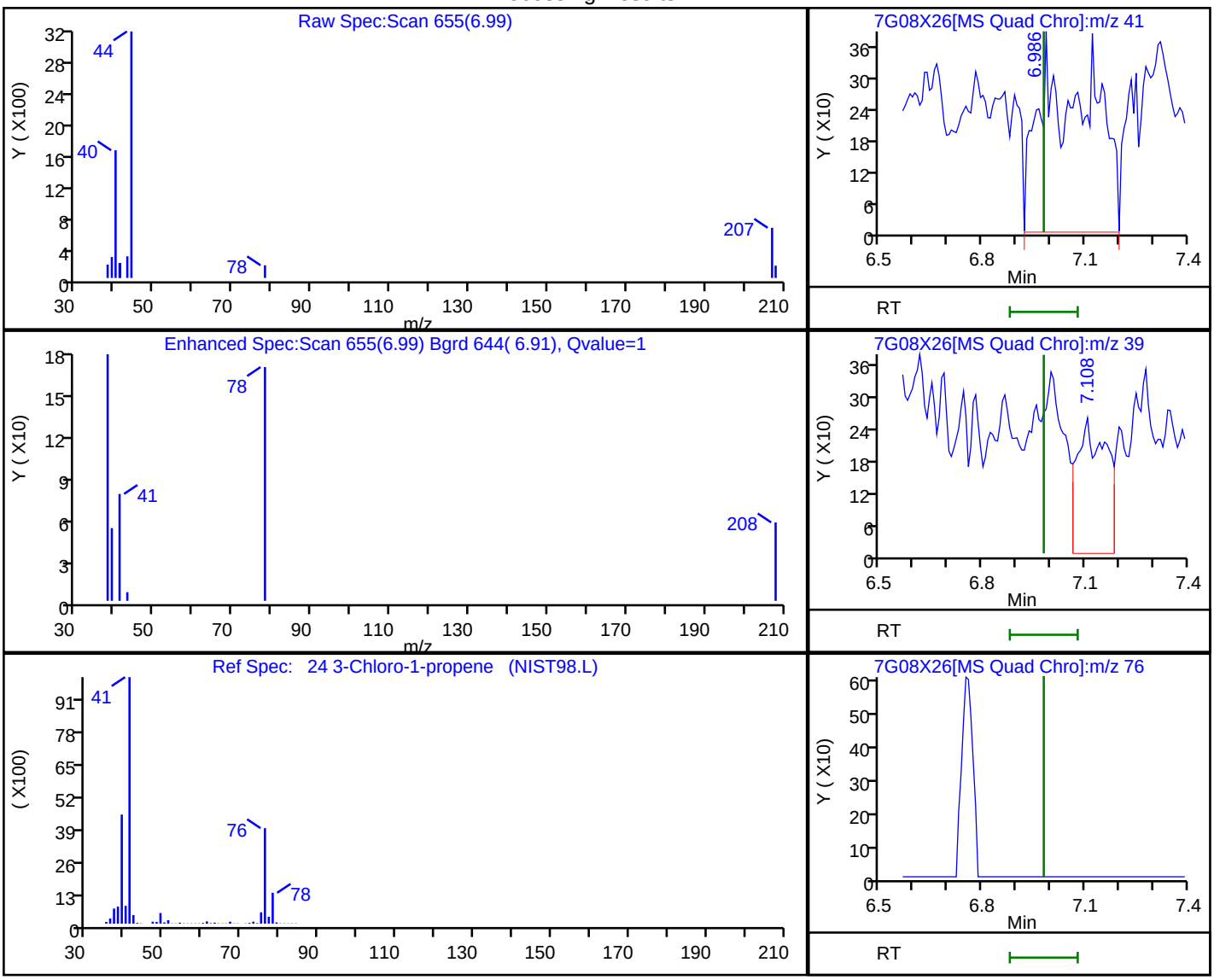
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X26.D				
Injection Date:	08-Aug-2025 22:12:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-9	Lab Sample ID:	410-236802-9		
Client ID:	2103				
Operator ID:	sn105465	ALS Bottle#:	19	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

24 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
6.99	41.00	3804	0.076462
7.11	39.00	1450	
6.98	76.00	0	

Reviewer: D7UM, 12-Aug-2025 10:33:57 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

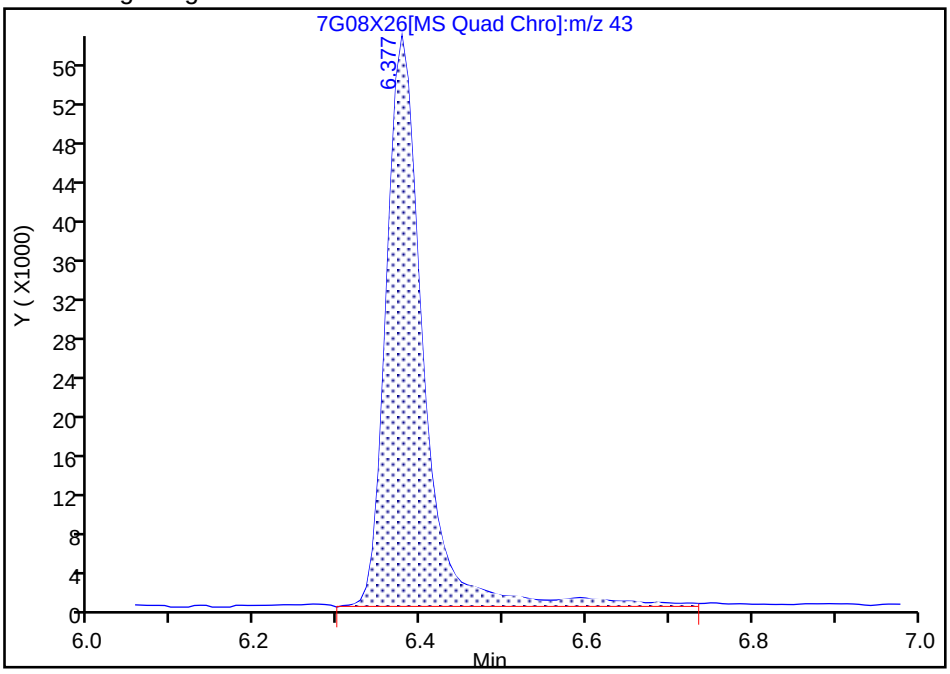
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X26.D				
Injection Date:	08-Aug-2025 22:12:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-9	Lab Sample ID:	410-236802-9		
Client ID:	2103				
Operator ID:	sn105465	ALS Bottle#:	19	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

Signal: 1

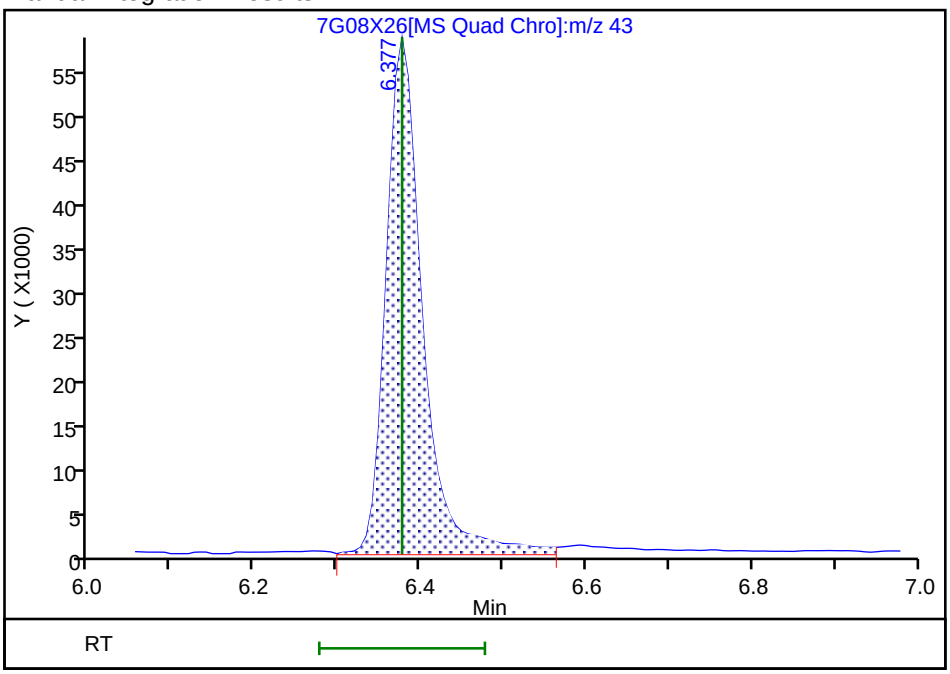
Processing Integration Results

RT: 6.38
Area: 183019
Amount: 3.168504
Amount Units: ppb v/v



Manual Integration Results

RT: 6.38
Area: 176744
Amount: 3.059869
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:33:53 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

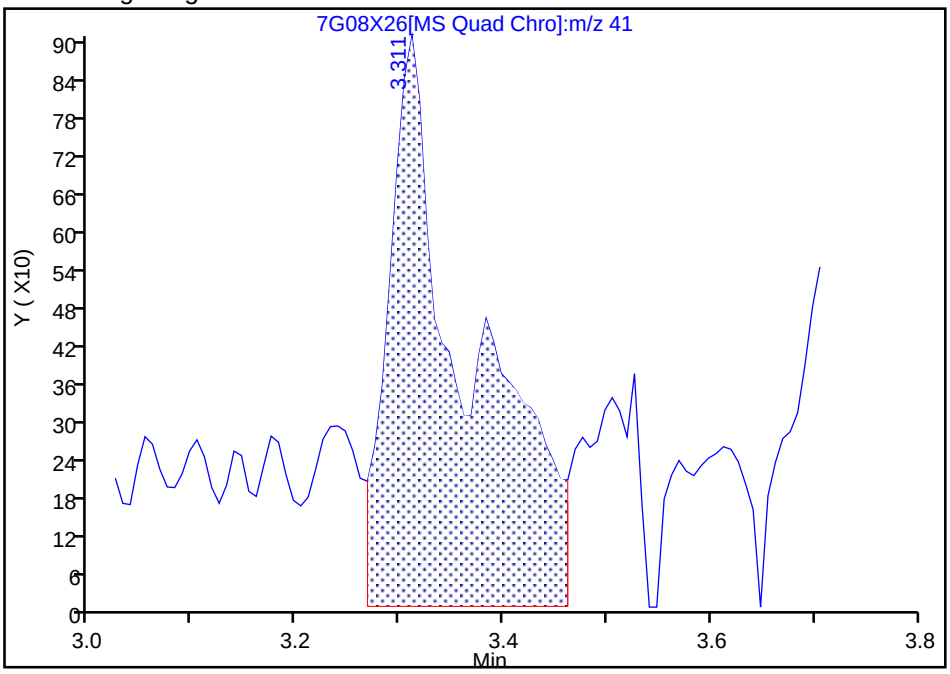
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X26.D				
Injection Date:	08-Aug-2025 22:12:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-9	Lab Sample ID:	410-236802-9		
Client ID:	2103				
Operator ID:	sn105465	ALS Bottle#:	19	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

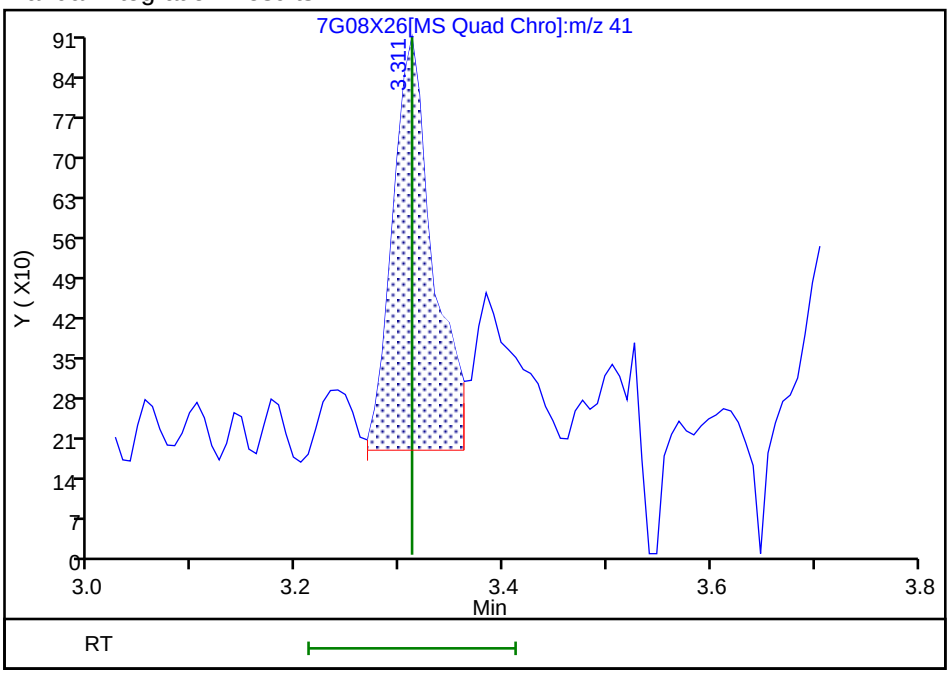
Processing Integration Results

RT: 3.31
Area: 4908
Amount: 0.208651
Amount Units: ppb v/v



Manual Integration Results

RT: 3.31
Area: 1924
Amount: 0.081794
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:33:42 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2024 Lab Sample ID: 410-236802-10

Matrix: Air Lab File ID: 7G08X28.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.4	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2024 Lab Sample ID: 410-236802-10

Matrix: Air Lab File ID: 7G08X28.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2024 Lab Sample ID: 410-236802-10

Matrix: Air Lab File ID: 7G08X28.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2024 Lab Sample ID: 410-236802-10

Matrix: Air Lab File ID: 7G08X28.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X28.D
Lims ID: 410-236802-A-10
Client ID: 2024
Sample Type: Client
Inject. Date: 08-Aug-2025 23:11:21 ALS Bottle#: 21 Worklist Smp#: 29
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2024
Misc. Info.: 410-0155958-029
Operator ID: sn105465 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m
Limit Group: MSV - TO15
Last Update: 12-Aug-2025 14:05:57 Calib Date: 10-Jul-2025 16:26:23
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1610

First Level Reviewer: D7UM Date: 12-Aug-2025 10:36:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.319	3.311	0.008	82	2423	0.1020	M
18 Acetone	43	6.385	6.377	0.008	98	84212	1.44	
21 Isopropyl alcohol	45	6.600	6.585	0.015	89	16575	0.3277	
35 2-Butanone (MEK)	72	9.200	9.178	0.022	89	2921	0.1229	
* 39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	562305	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1954754	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	87	1895641	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

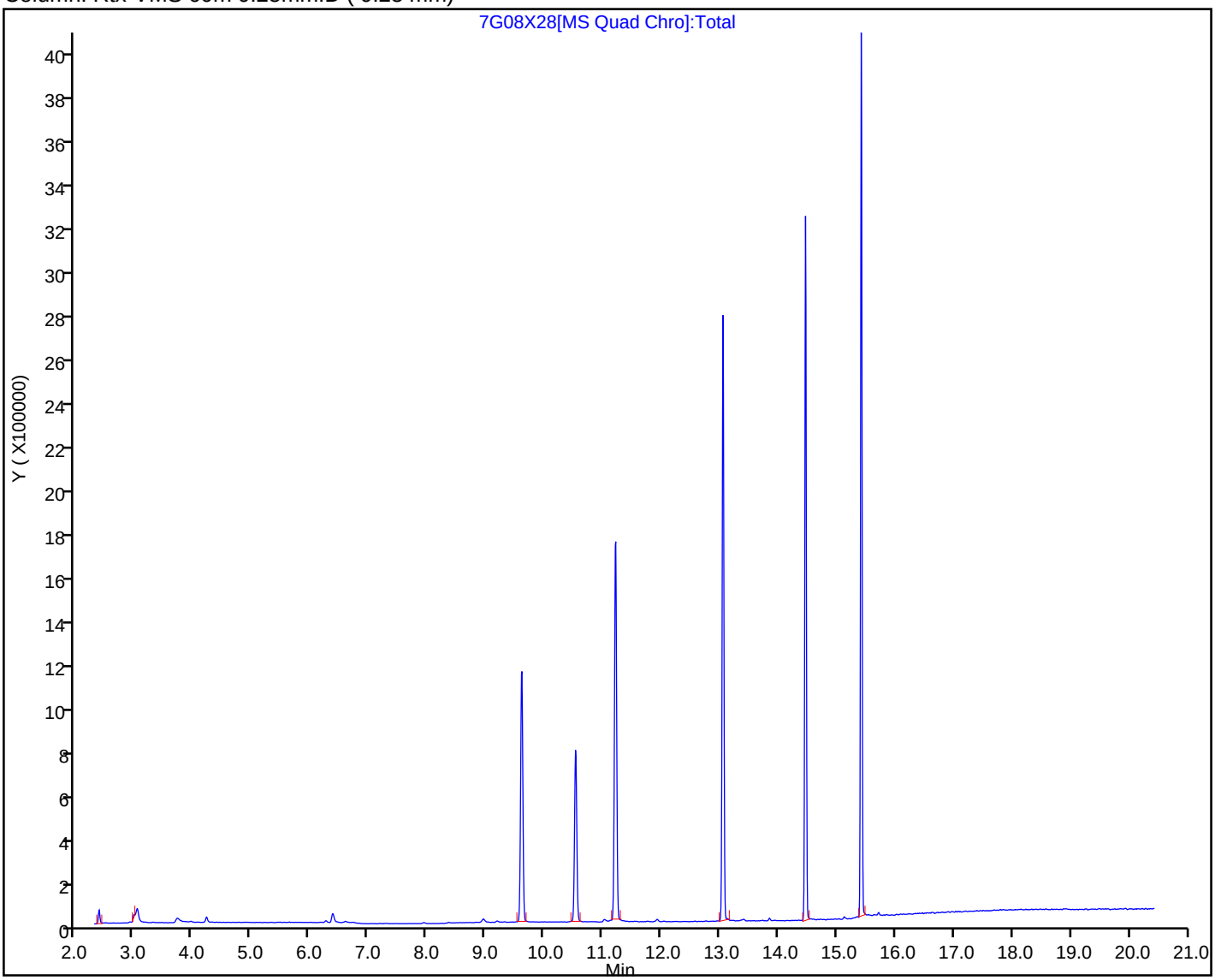
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:06:03 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X28.D				
Injection Date:	08-Aug-2025 23:11:21	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-10	Lab Sample ID:	410-236802-10		
Client ID:	2024				
Operator ID:	sn105465	ALS Bottle#:	21	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

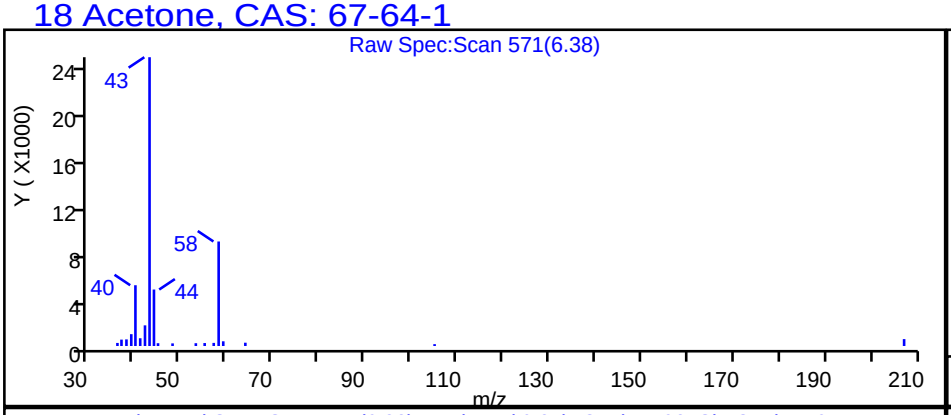


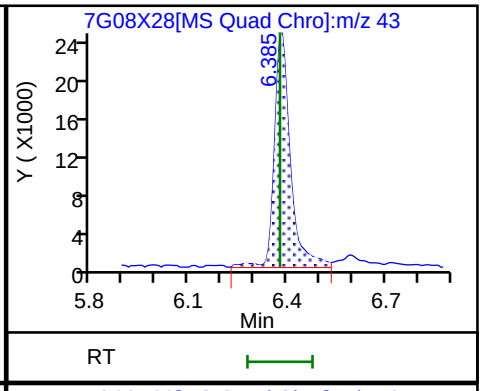
Report Date: 12-Aug-2025 14:06:03 Chrom Revision: 2.3 25-Jul-2025 13:52:40

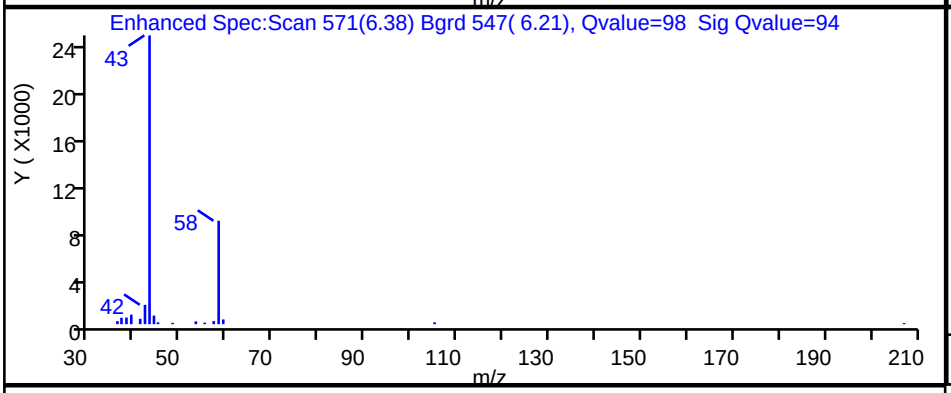
Eurofins Lancaster Laboratories Environment Testing, LLC

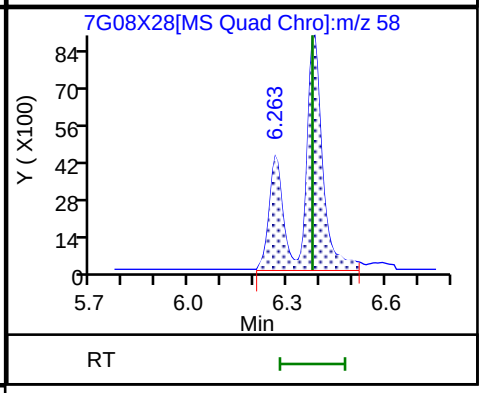
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Injection Date:	08-Aug-2025 23:11:21	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-10	Lab Sample ID:	410-236802-10		
Client ID:	2024				
Operator ID:	sn105465	ALS Bottle#:	21	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

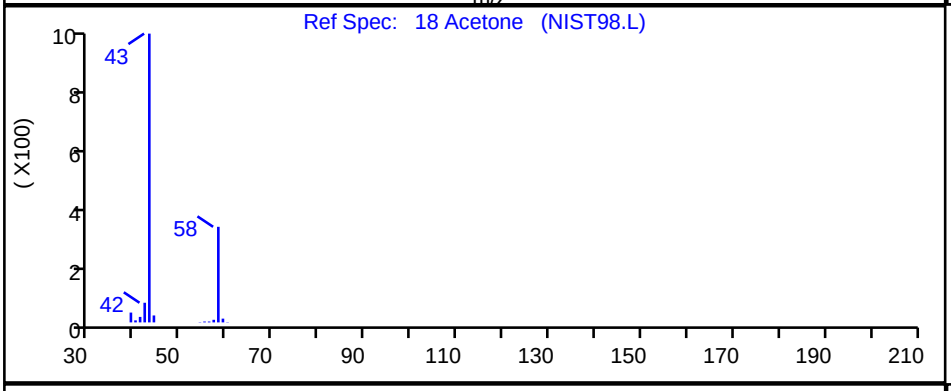
18 Acetone, CAS: 67-64-1

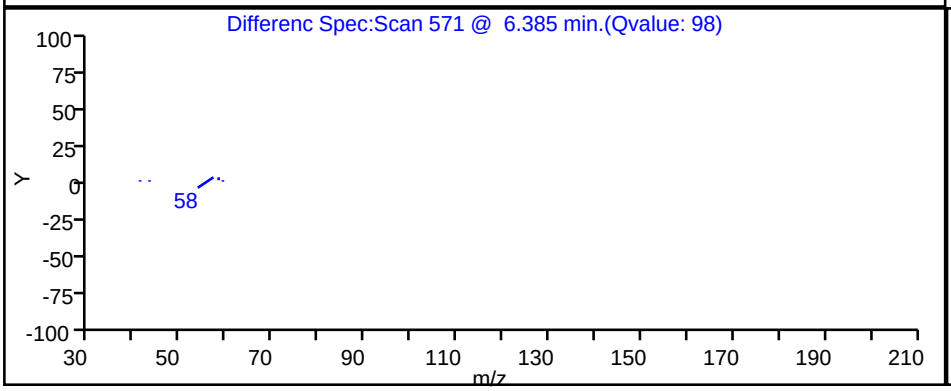


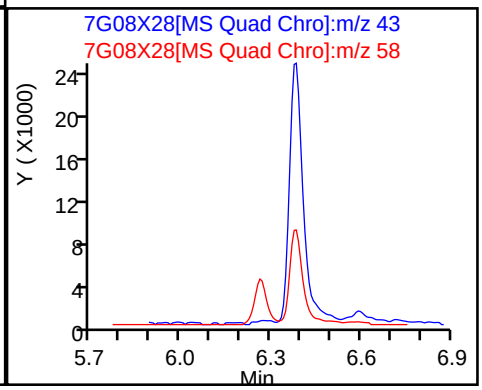












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

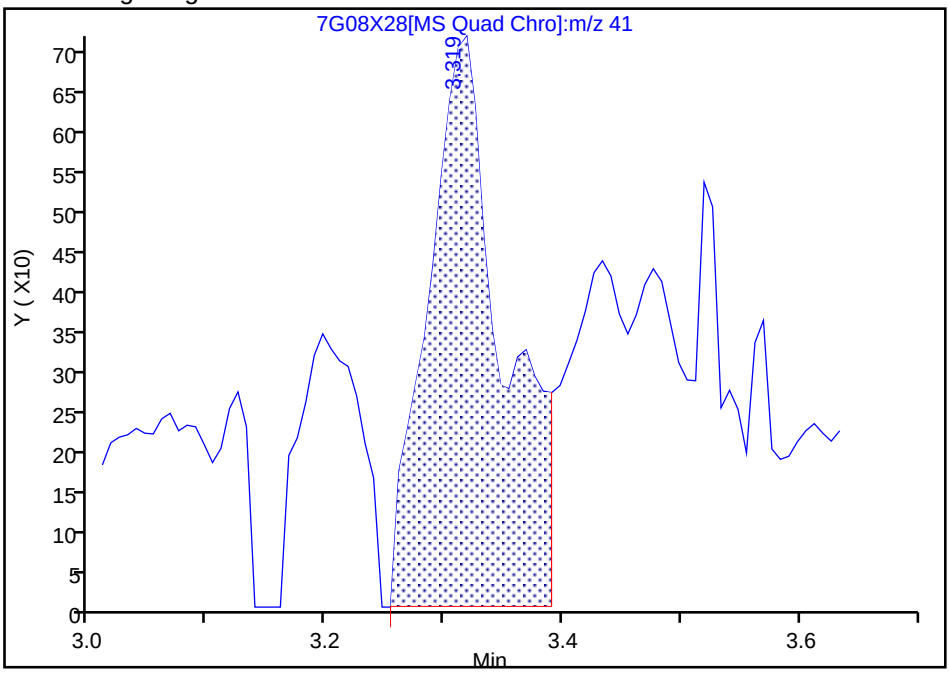
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X28.D				
Injection Date:	08-Aug-2025 23:11:21	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-10	Lab Sample ID:	410-236802-10		
Client ID:	2024				
Operator ID:	sn105465	ALS Bottle#:	21	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

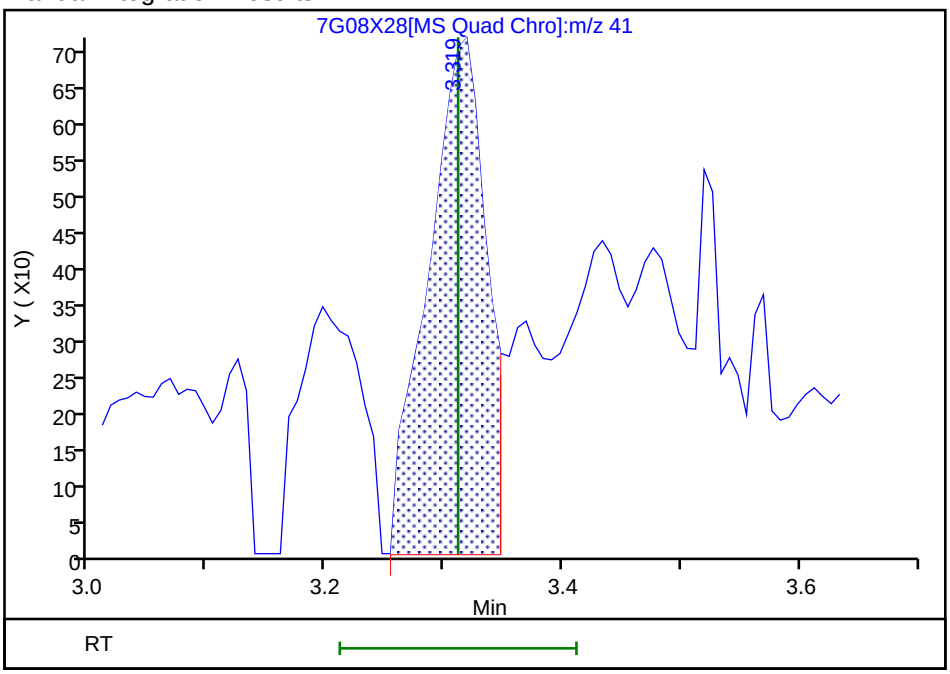
Processing Integration Results

RT: 3.32
Area: 3176
Amount: 0.133730
Amount Units: ppb v/v



Manual Integration Results

RT: 3.32
Area: 2423
Amount: 0.102024
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:35:58 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2108 Lab Sample ID: 410-236802-11

Matrix: Air Lab File ID: 7G08X29.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.40	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	3.8	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2108 Lab Sample ID: 410-236802-11

Matrix: Air Lab File ID: 7G08X29.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2108 Lab Sample ID: 410-236802-11

Matrix: Air Lab File ID: 7G08X29.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2108 Lab Sample ID: 410-236802-11

Matrix: Air Lab File ID: 7G08X29.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/08/2025 23:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X29.D				
Lims ID:	410-236802-A-11				
Client ID:	2108				
Sample Type:	Client				
Inject. Date:	08-Aug-2025 23:40:50	ALS Bottle#:	22	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc2108				
Misc. Info.:	410-0155958-030				
Operator ID:	sn105465	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	12-Aug-2025 14:05:57	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1610				
First Level Reviewer: D7UM		Date:	12-Aug-2025 10:43:11		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.304	3.311	-0.007	89	4090	0.1742	M
15 Acrolein	56	6.155	6.148	0.007	77	5709	0.3675	
18 Acetone	43	6.377	6.377	0.000	100	219939	3.81	
21 Isopropyl alcohol	45	6.592	6.585	0.007	95	26495	0.5297	
35 2-Butanone (MEK)	72	9.185	9.178	0.007	96	9287	0.3953	
* 39 Chlorobromomethane (IS)	130	9.615	9.608	0.007	94	556001	10.0	
* 51 1,4-Difluorobenzene	114	11.220	11.212	0.008	95	1939939	10.0	
70 2-Hexanone	43	13.727	13.719	0.008	77	7698	0.0977	
* 73 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	87	1852602	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

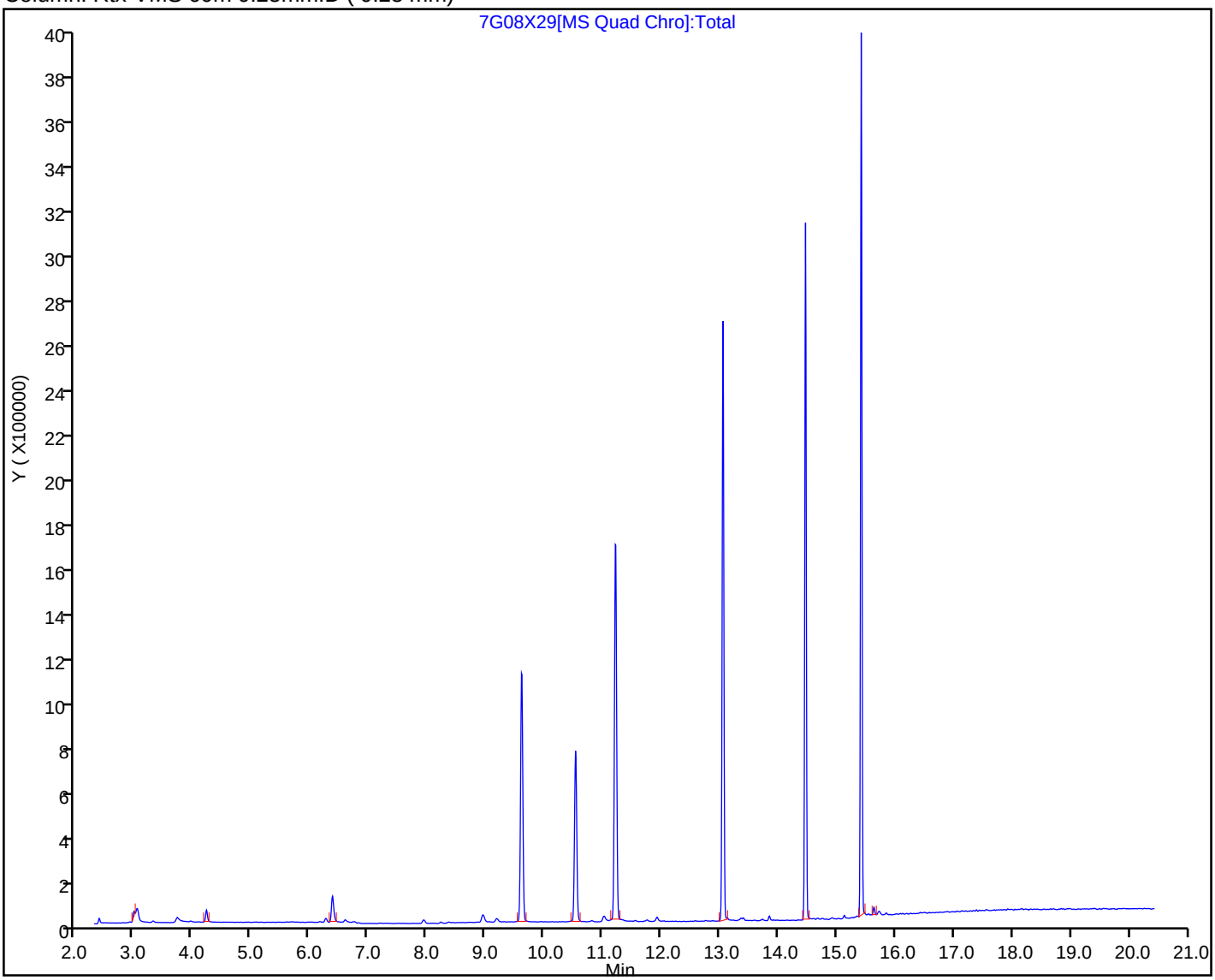
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:06:06 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X29.D				
Injection Date:	08-Aug-2025 23:40:50	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-11	Lab Sample ID:	410-236802-11		
Client ID:	2108				
Operator ID:	sn105465	ALS Bottle#:	22	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

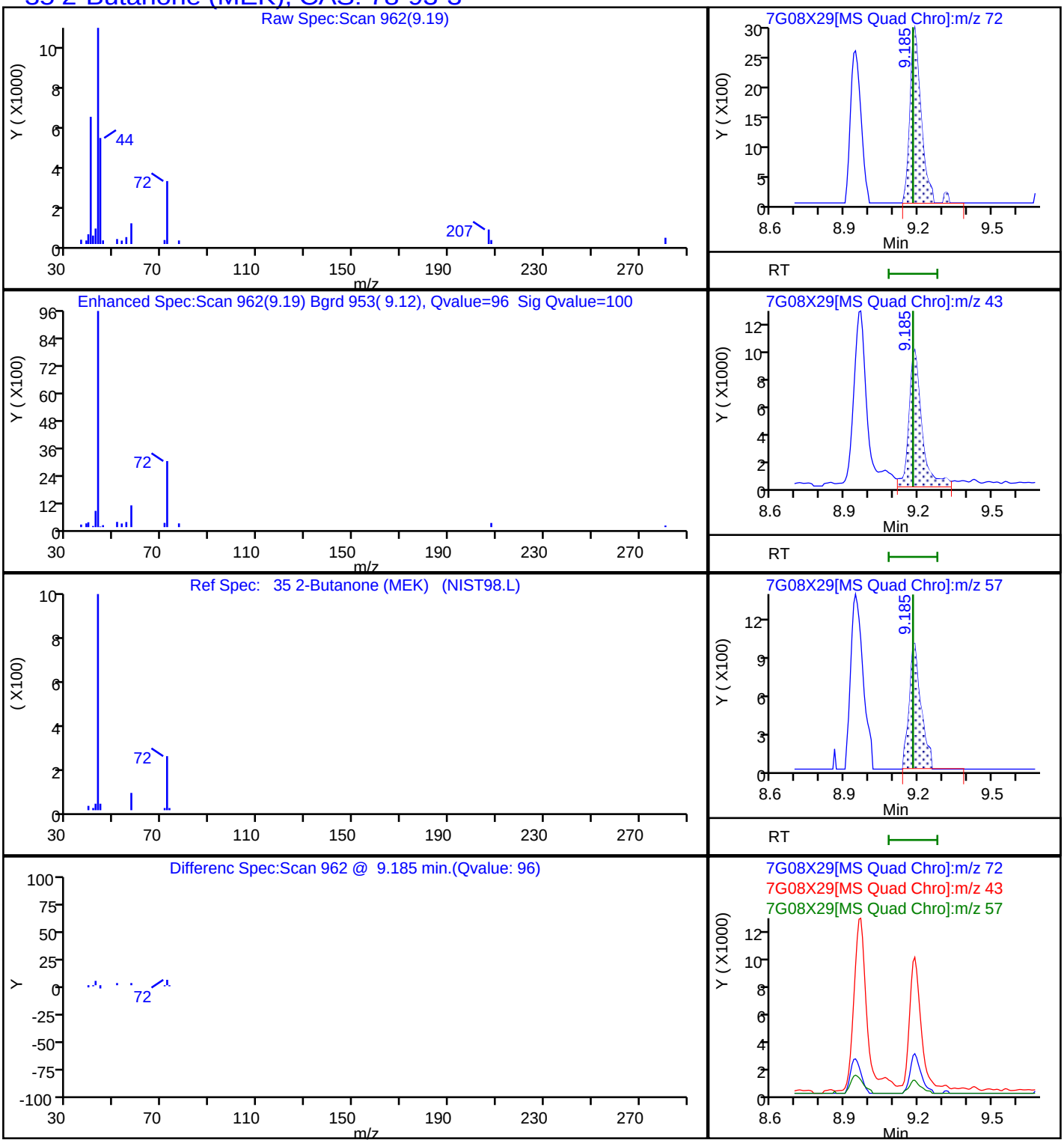


Report Date: 12-Aug-2025 14:06:06 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X29.D				
Injection Date:	08-Aug-2025 23:40:50	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-11	Lab Sample ID:	410-236802-11		
Client ID:	2108				
Operator ID:	sn105465	ALS Bottle#:	22	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

35 2-Butanone (MEK), CAS: 78-93-3

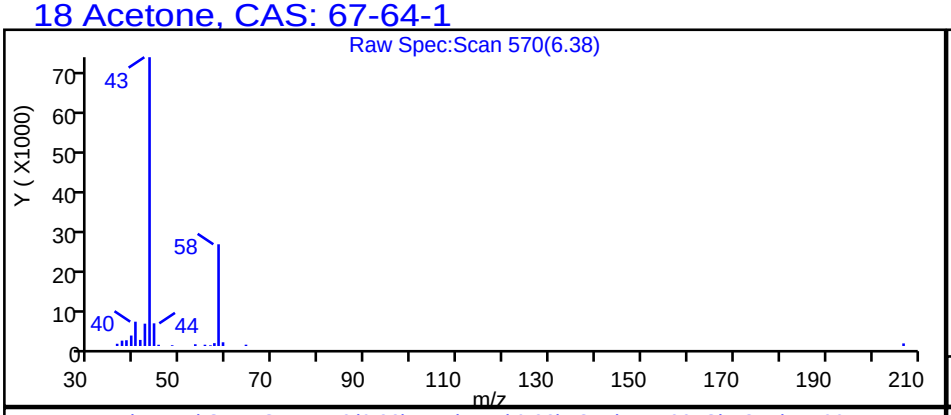


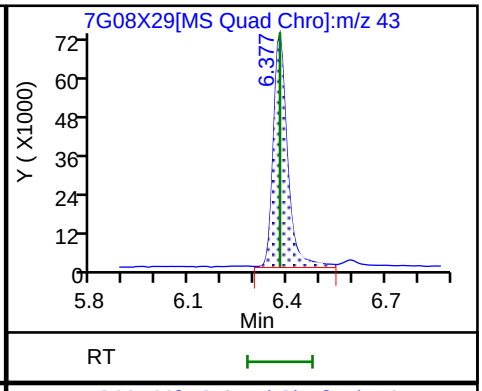
Report Date: 12-Aug-2025 14:06:06 Chrom Revision: 2.3 25-Jul-2025 13:52:40

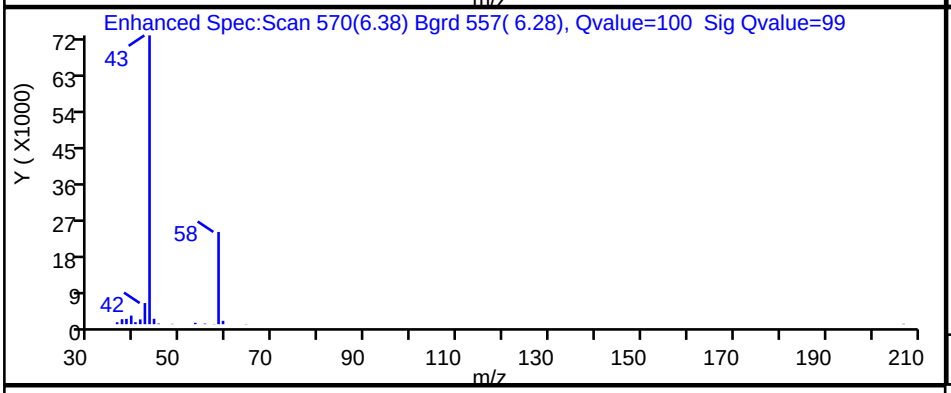
Eurofins Lancaster Laboratories Environment Testing, LLC

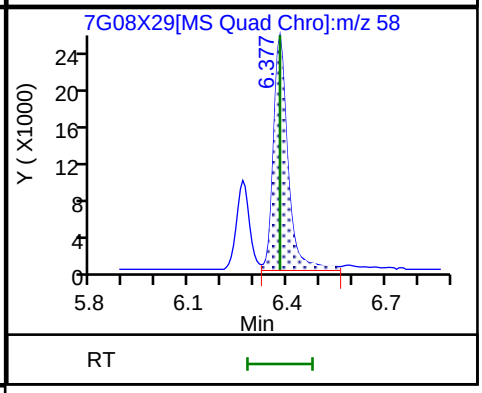
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Injection Date:	08-Aug-2025 23:40:50	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-11	Lab Sample ID:	410-236802-11		
Client ID:	2108				
Operator ID:	sn105465	ALS Bottle#:	22	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

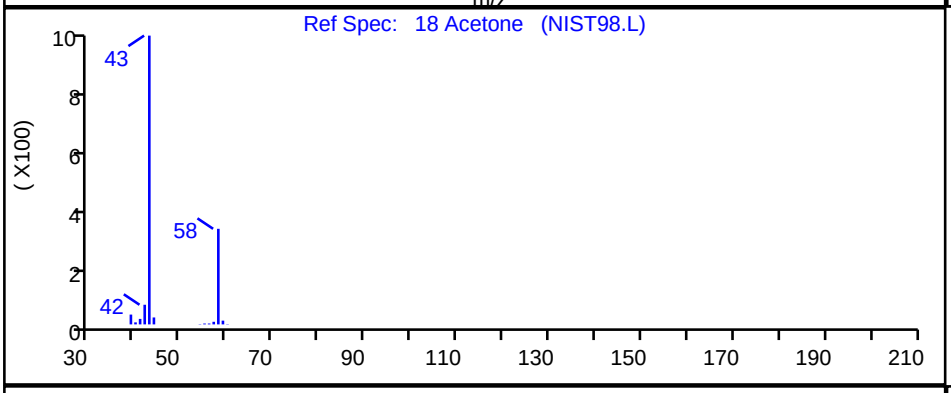
18 Acetone, CAS: 67-64-1

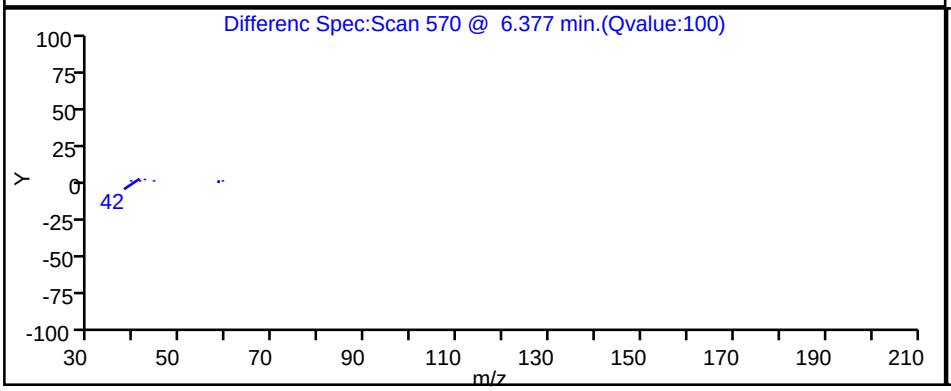


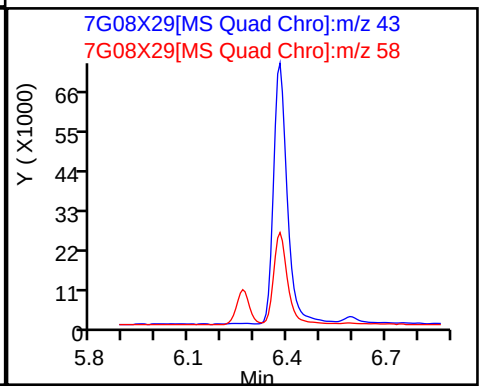












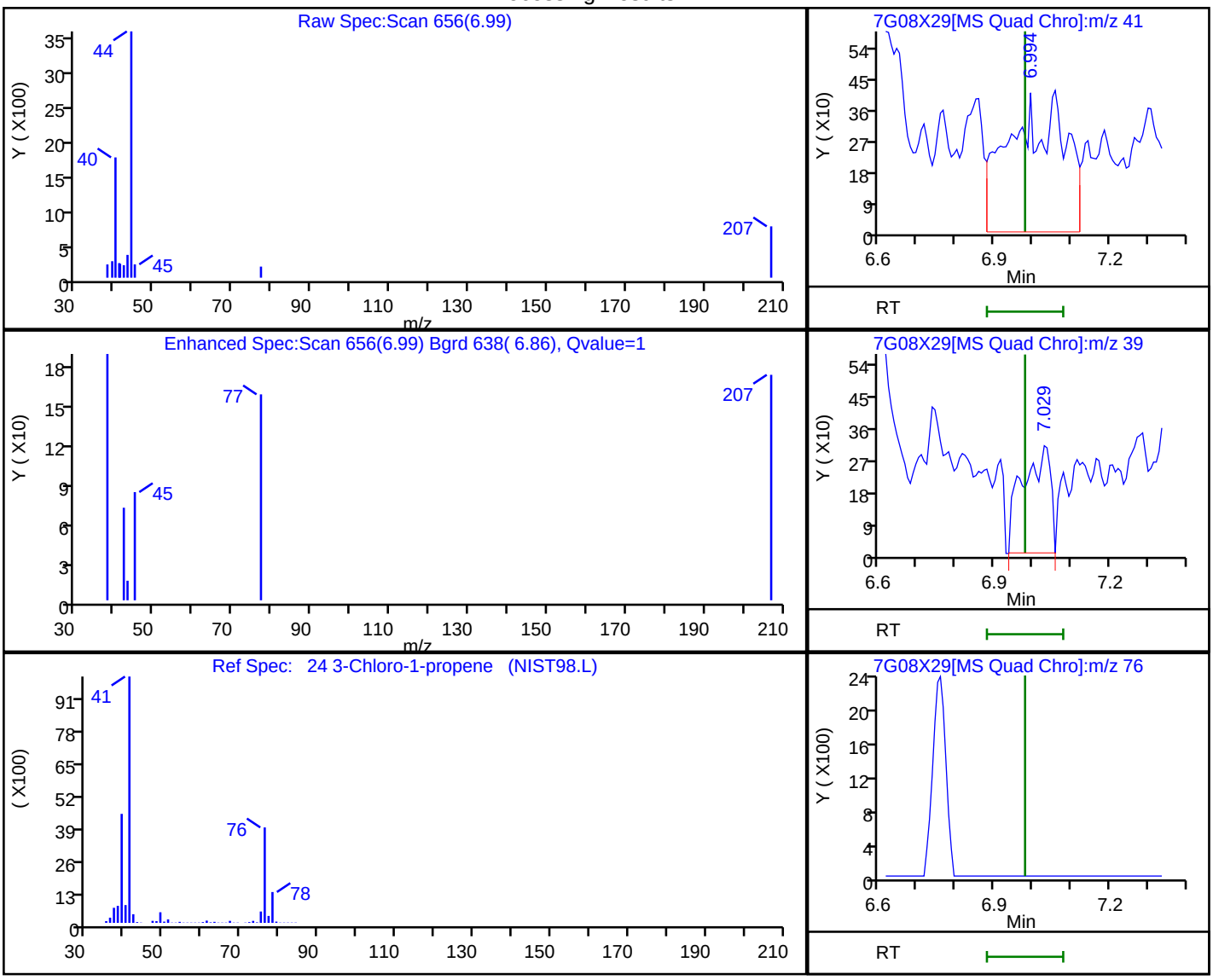
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	08-Aug-2025 23:40:50	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-11	Lab Sample ID:	410-236802-11		
Client ID:	2108				
Operator ID:	sn105465	ALS Bottle#:	22	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

24 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
6.99	41.00	3960	0.079732
7.03	39.00	1521	
6.98	76.00	0	

Reviewer: D7UM, 12-Aug-2025 10:42:26 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

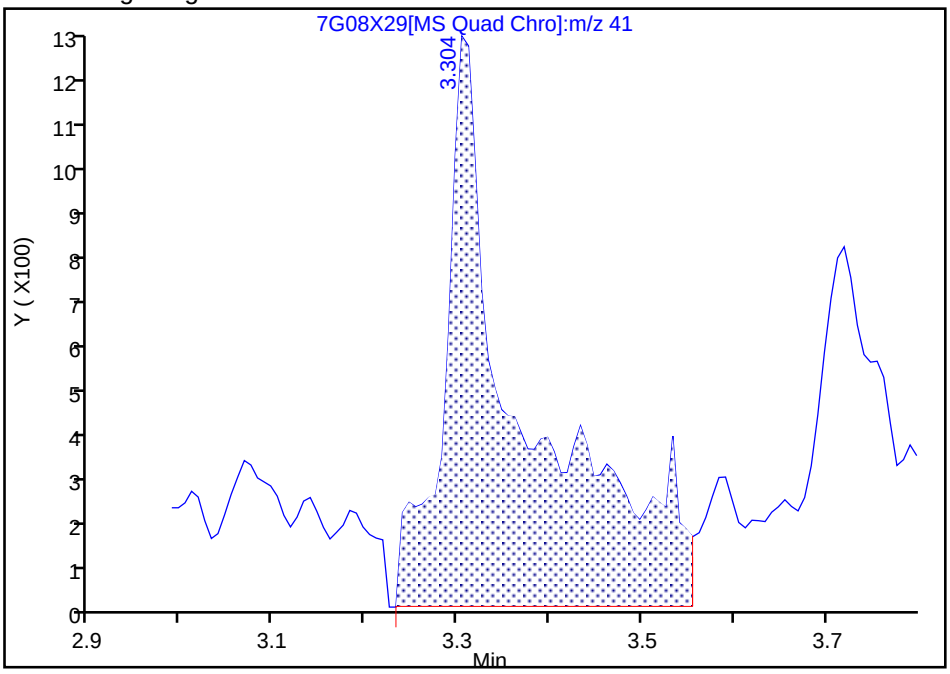
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Injection Date:	08-Aug-2025 23:40:50	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-11	Lab Sample ID:	410-236802-11		
Client ID:	2108				
Operator ID:	sn105465	ALS Bottle#:	22	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

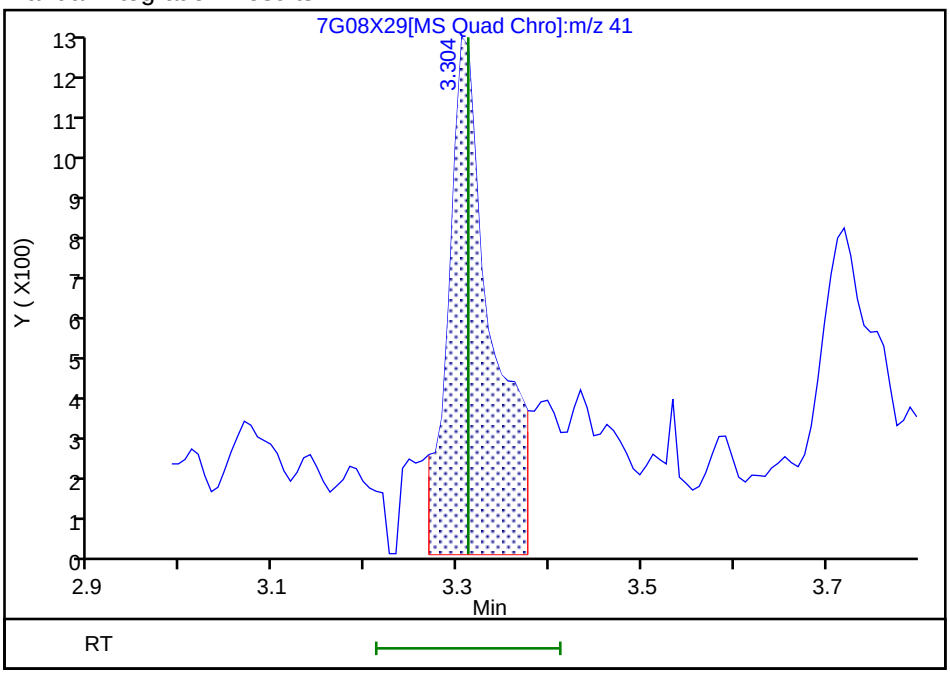
Processing Integration Results

RT: 3.30
Area: 7658
Amount: 0.326108
Amount Units: ppb v/v



Manual Integration Results

RT: 3.30
Area: 4090
Amount: 0.174168
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:41:53 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2123 Lab Sample ID: 410-236802-12

Matrix: Air Lab File ID: 7G08X34.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/09/2025 02:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2123 Lab Sample ID: 410-236802-12

Matrix: Air Lab File ID: 7G08X34.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/09/2025 02:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2123 Lab Sample ID: 410-236802-12

Matrix: Air Lab File ID: 7G08X34.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/09/2025 02:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-236802-1

SDG No.:

Client Sample ID: 2123 Lab Sample ID: 410-236802-12

Matrix: Air Lab File ID: 7G08X34.D

Analysis Method: TO-15 Date Collected: 07/29/2025 17:20

Sample wt/vol: 200(mL) Date Analyzed: 08/09/2025 02:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 682742 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X34.D				
Lims ID:	410-236802-A-12				
Client ID:	2123				
Sample Type:	Client				
Inject. Date:	09-Aug-2025 02:15:32	ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN9987				
Misc. Info.:	410-0155958-035				
Operator ID:	sn105465	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\AirMS_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	12-Aug-2025 14:05:57	Calib Date:	10-Jul-2025 16:26:23		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250709-152924.b\7L10X12.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1610				
First Level Reviewer: D7UM		Date:	12-Aug-2025 10:45:14		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.318	3.311	0.007	76	1904	0.0817	M
18 Acetone	43	6.391	6.377	0.014	99	120253	2.10	M
21 Isopropyl alcohol	45	6.621	6.585	0.036	75	10262	0.2068	
35 2-Butanone (MEK)	72	9.242	9.178	0.064	96	4085	0.1753	
* 39 Chlorobromomethane (IS)	130	9.665	9.608	0.057	95	551565	10.0	
* 51 1,4-Difluorobenzene	114	11.277	11.212	0.065	95	1919962	10.0	
* 73 Chlorobenzene-d5 (IS)	117	14.500	14.464	0.036	87	1865346	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

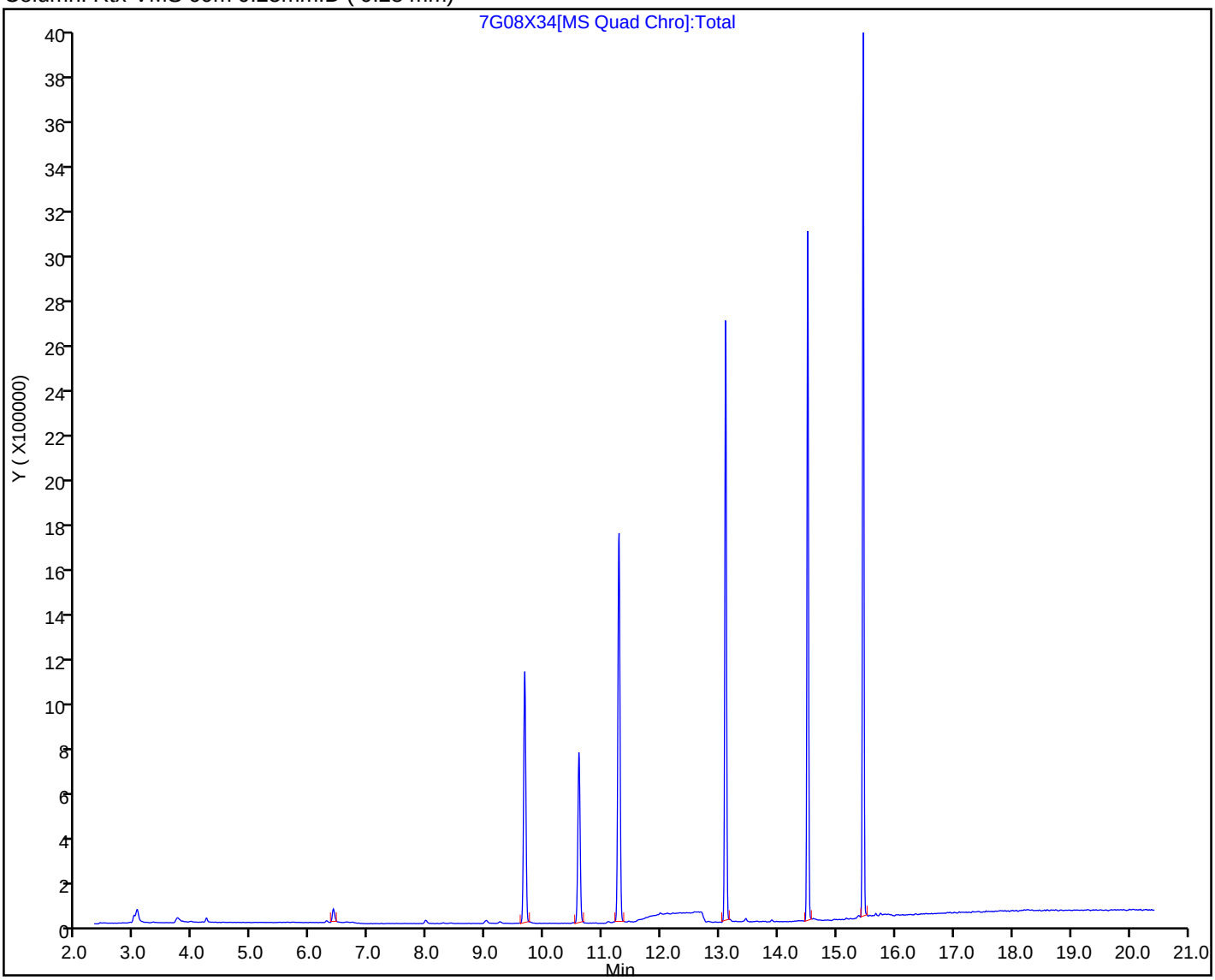
AIRIS200 ppb_00509 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Aug-2025 14:06:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20250808-155958.b\7G08X34.D				
Injection Date:	09-Aug-2025 02:15:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-12	Lab Sample ID:	410-236802-12		
Client ID:	2123				
Operator ID:	sn105465	ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

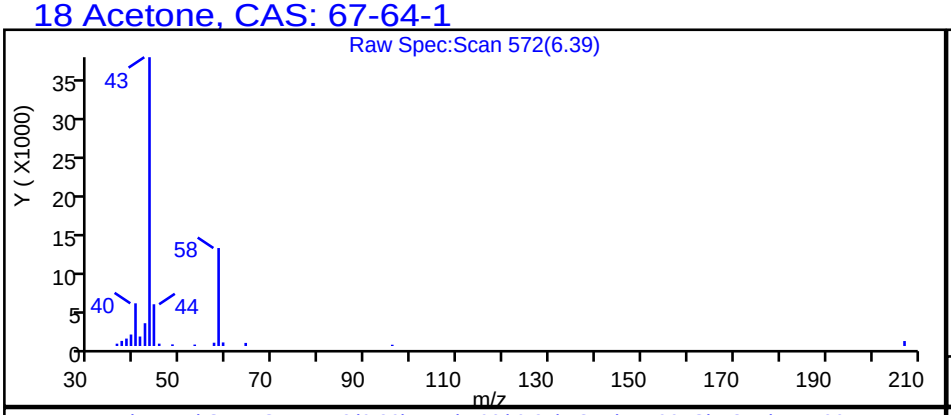


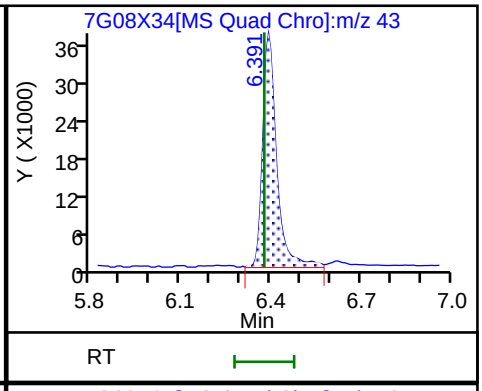
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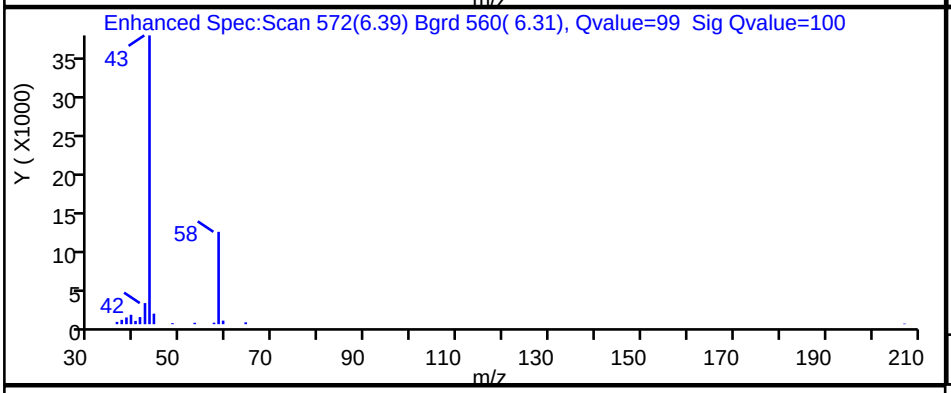
Eurofins Lancaster Laboratories Environment Testing, LLC

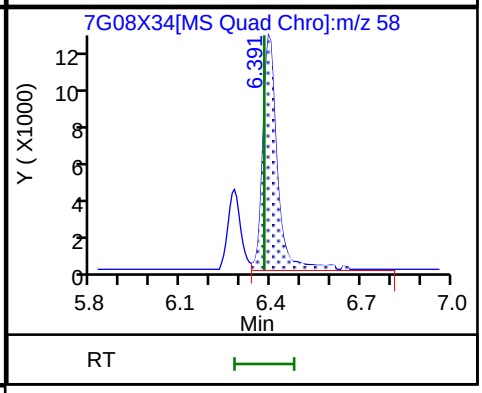
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Injection Date:	09-Aug-2025 02:15:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-12	Lab Sample ID:	410-236802-12		
Client ID:	2123				
Operator ID:	sn105465	ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

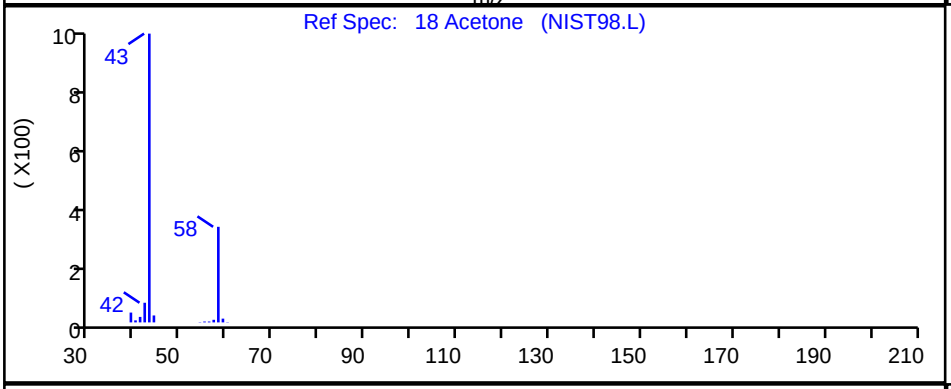
18 Acetone, CAS: 67-64-1

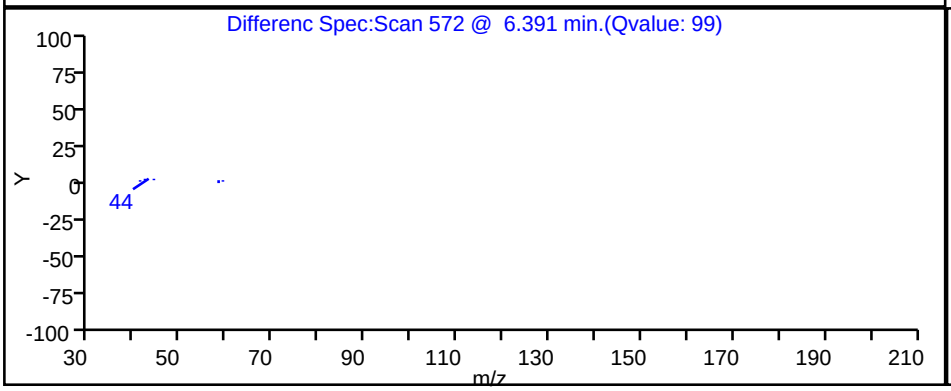


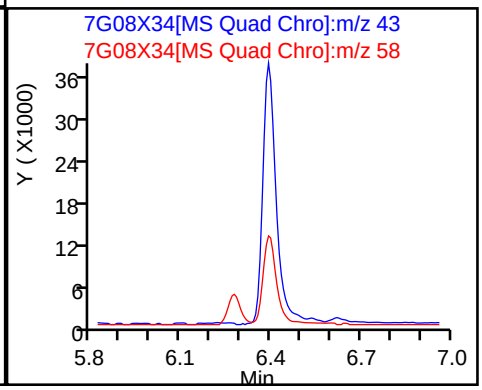












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

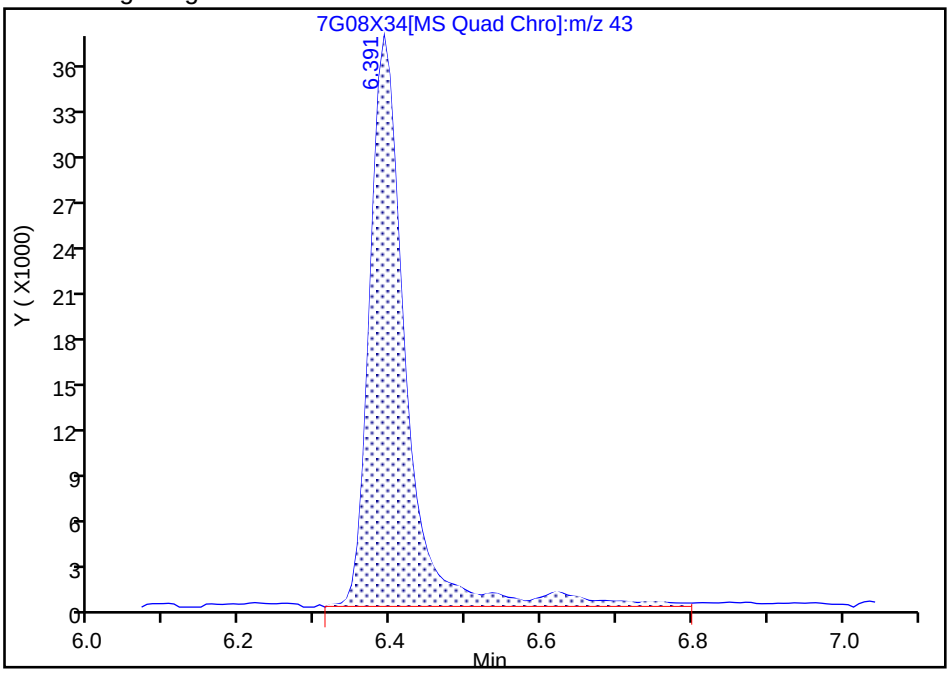
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Injection Date:	09-Aug-2025 02:15:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-12	Lab Sample ID:	410-236802-12		
Client ID:	2123				
Operator ID:	sn105465	ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

Signal: 1

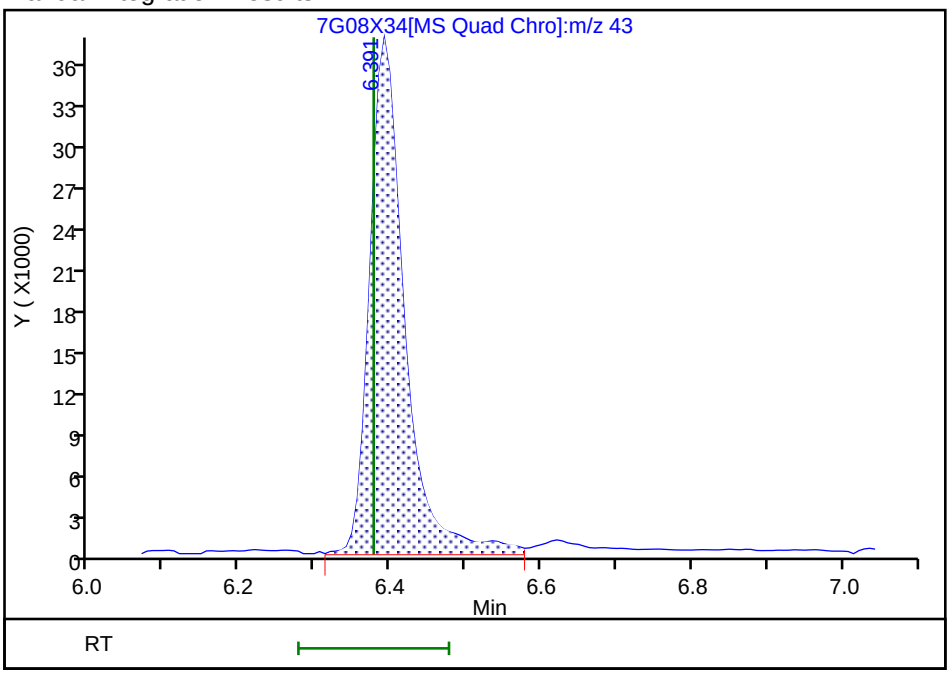
Processing Integration Results

RT: 6.39
Area: 126612
Amount: 2.213307
Amount Units: ppb v/v



Manual Integration Results

RT: 6.39
Area: 120253
Amount: 2.102145
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:43:37 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

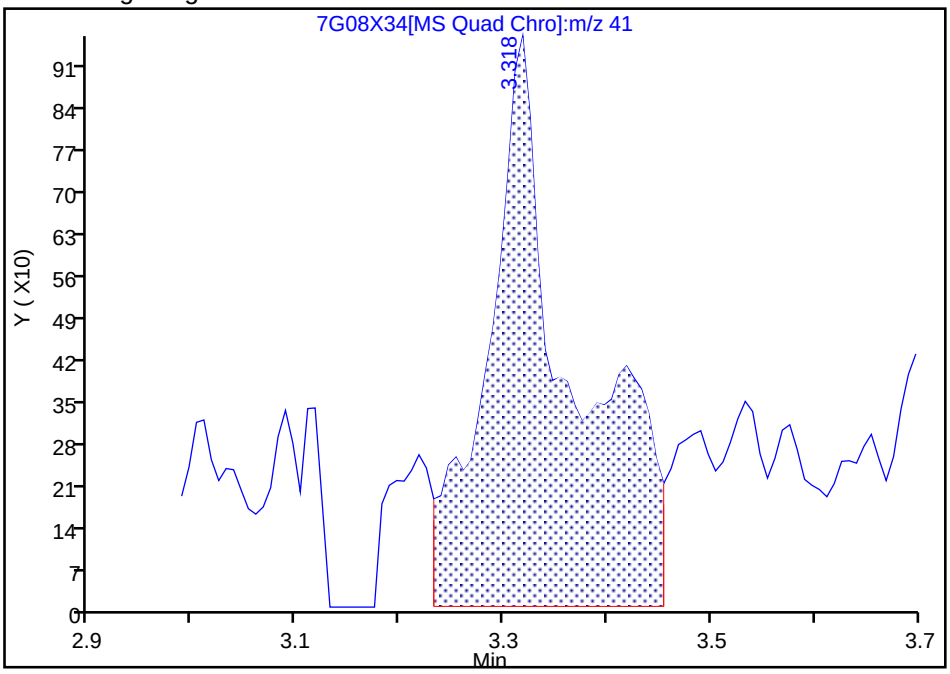
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Injection Date:	09-Aug-2025 02:15:32	Instrument ID:	HP8R004		
Lims ID:	410-236802-A-12	Lab Sample ID:	410-236802-12		
Client ID:	2123				
Operator ID:	sn105465	ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

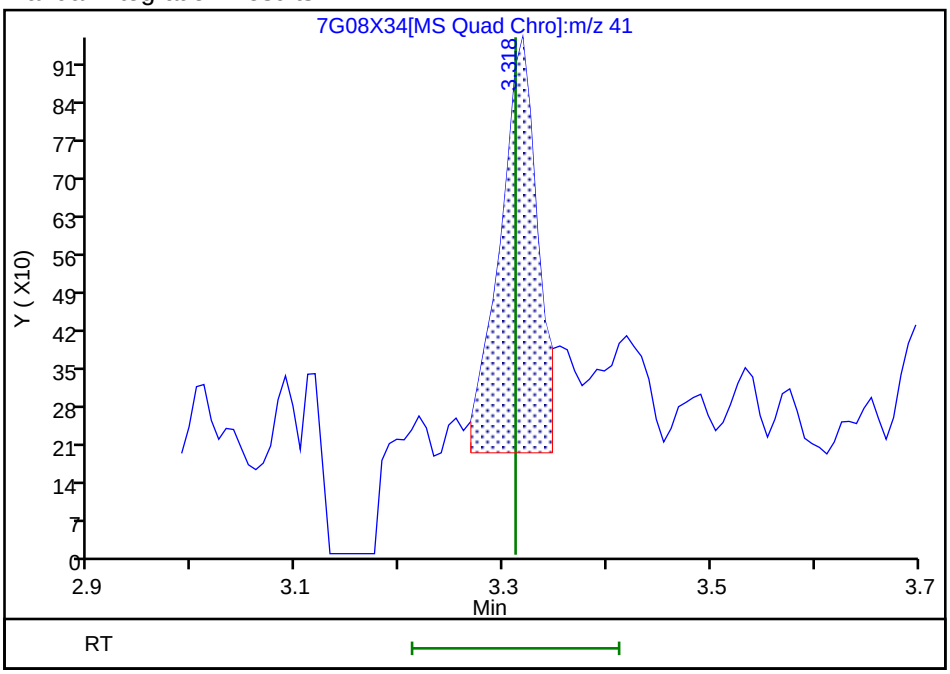
Processing Integration Results

RT: 3.32
Area: 5470
Amount: 0.234807
Amount Units: ppb v/v



Manual Integration Results

RT: 3.32
Area: 1904
Amount: 0.081732
Amount Units: ppb v/v



Reviewer: D7UM, 12-Aug-2025 10:44:46 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2134 Lab Sample ID: 410-237203-1

Matrix: Air Lab File ID: 5G10X10.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.26	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.9	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2134 Lab Sample ID: 410-237203-1

Matrix: Air Lab File ID: 5G10X10.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2134 Lab Sample ID: 410-237203-1

Matrix: Air Lab File ID: 5G10X10.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2134 Lab Sample ID: 410-237203-1

Matrix: Air Lab File ID: 5G10X10.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X10.D				
Lims ID:	410-237203-A-1				
Client ID:	2134				
Sample Type:	Client				
Inject. Date:	11-Aug-2025 08:03:26	ALS Bottle#:	8	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN10022				
Misc. Info.:	410-0156110-010				
Operator ID:	al109694	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	14-Aug-2025 14:00:17	Calib Date:	20-Jun-2025 20:16:24		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1642				
First Level Reviewer: D7UM		Date:	11-Aug-2025 10:16:00		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	1.724	1.731	-0.007	74	1987	0.1711	
18 Acetone	43	3.787	3.787	0.000	99	54297	1.86	
36 2-Butanone (MEK)	43	6.065	6.058	0.007	100	10321	0.2644	
* 39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	93	99468	10.0	
* 51 1,4-Difluorobenzene	114	7.275	7.275	0.000	94	430133	10.0	
69 2-Hexanone	43	9.023	9.023	0.000	91	3877	0.0963	
* 72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.072	86	471331	10.0	

QC Flag Legend

Processing Flags

Reagents:

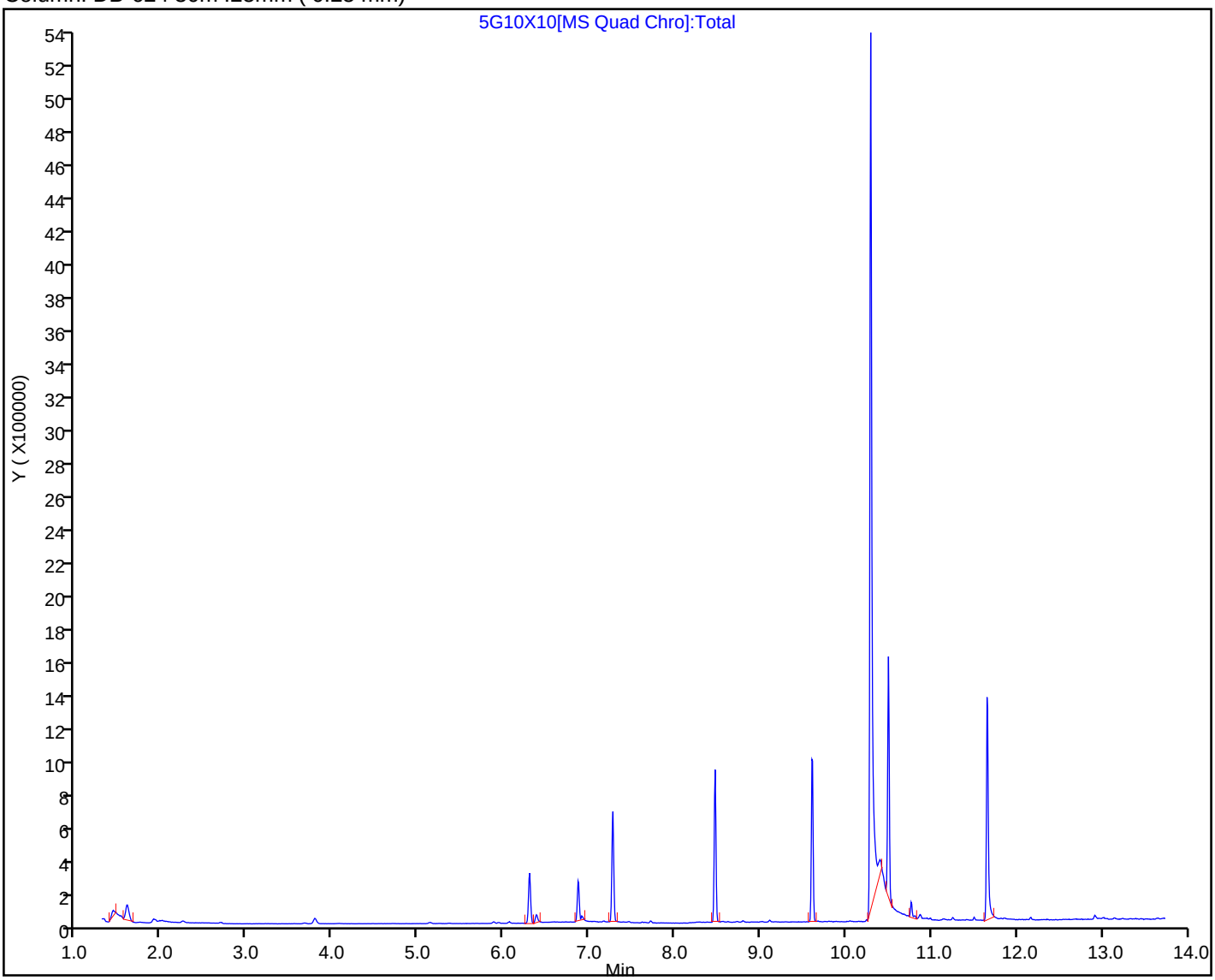
AIRIS200 ppb_00511 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 14-Aug-2025 14:00:23 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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Lims ID:	410-237203-A-1	Lab Sample ID:	410-237203-1		
Client ID:	2134				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

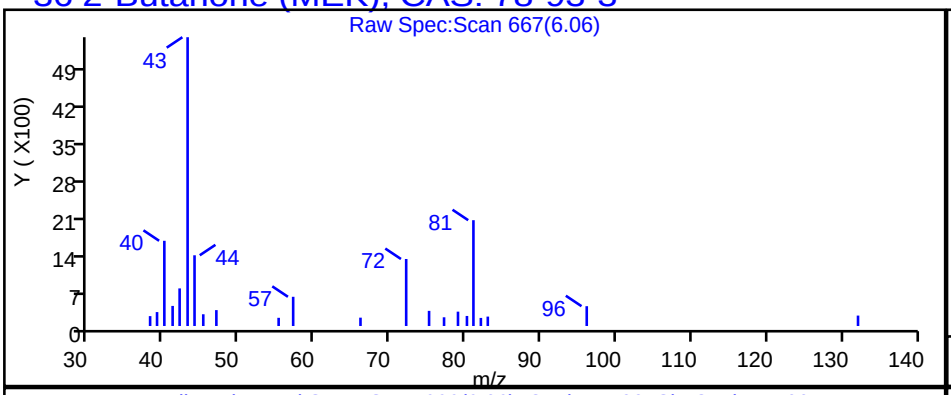


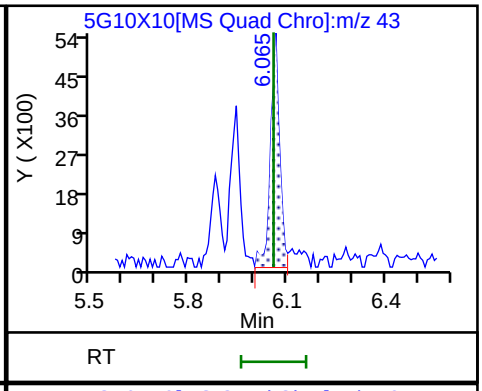
Report Date: 14-Aug-2025 14:00:23 Chrom Revision: 2.3 13-Aug-2025 14:00:00

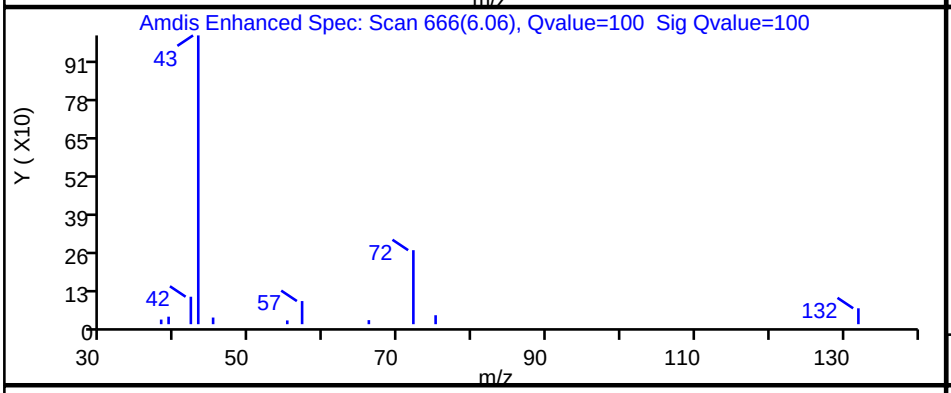
Eurofins Lancaster Laboratories Environment Testing, LLC

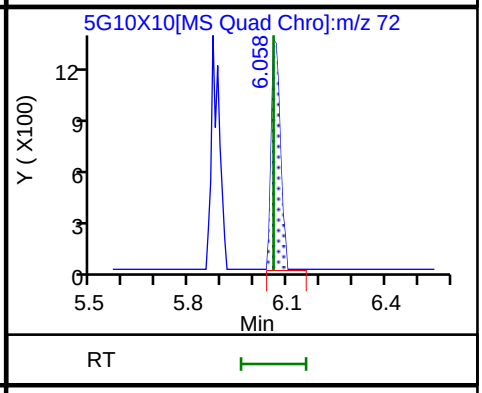
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Injection Date:	11-Aug-2025 08:03:26	Instrument ID:	HP22820		
Lims ID:	410-237203-A-1	Lab Sample ID:	410-237203-1		
Client ID:	2134				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

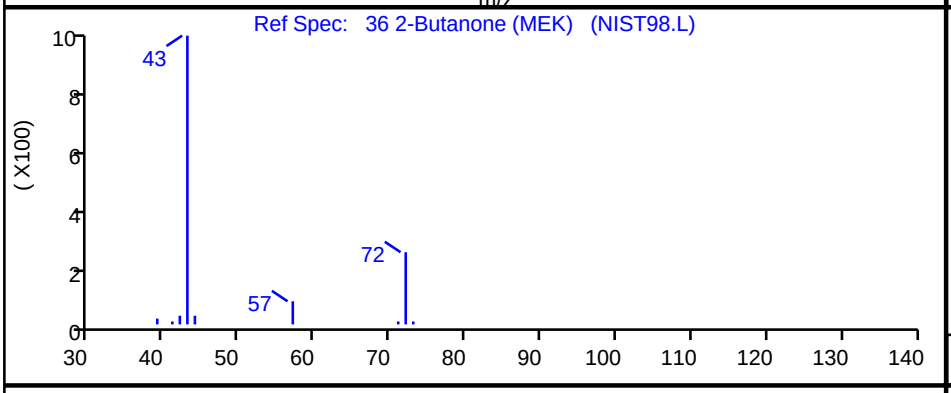
36 2-Butanone (MEK), CAS: 78-93-3

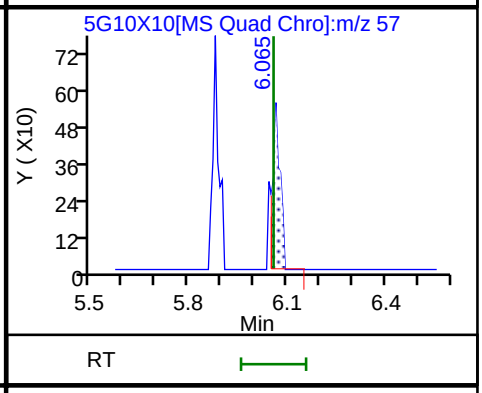


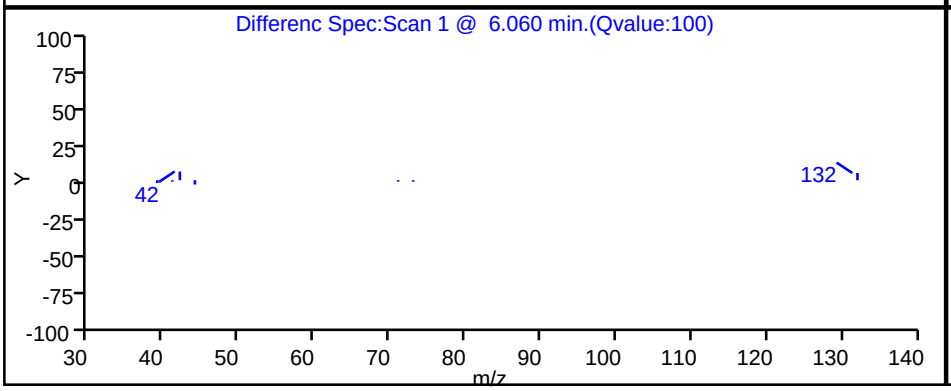


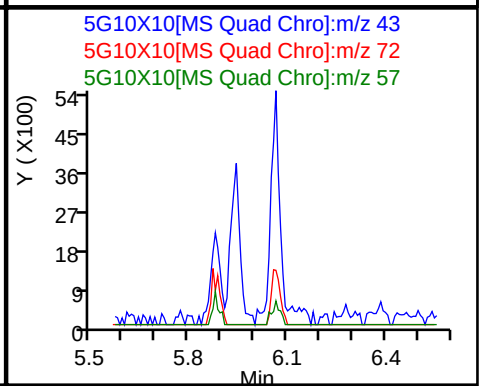










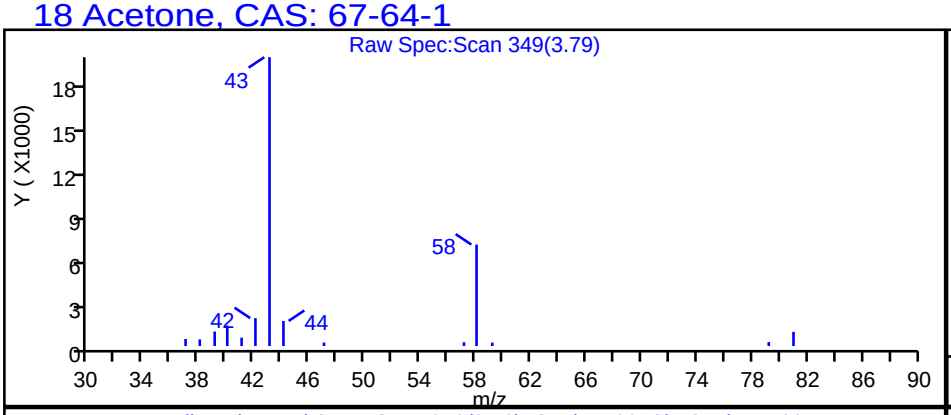


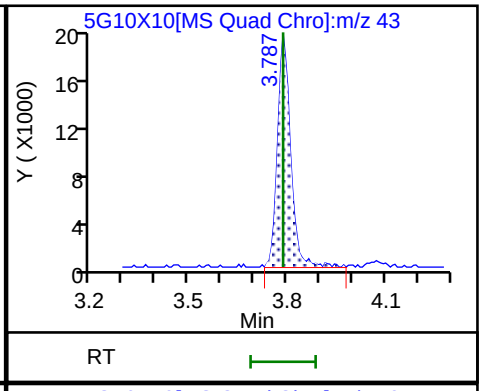
Report Date: 14-Aug-2025 14:00:23 Chrom Revision: 2.3 13-Aug-2025 14:00:00

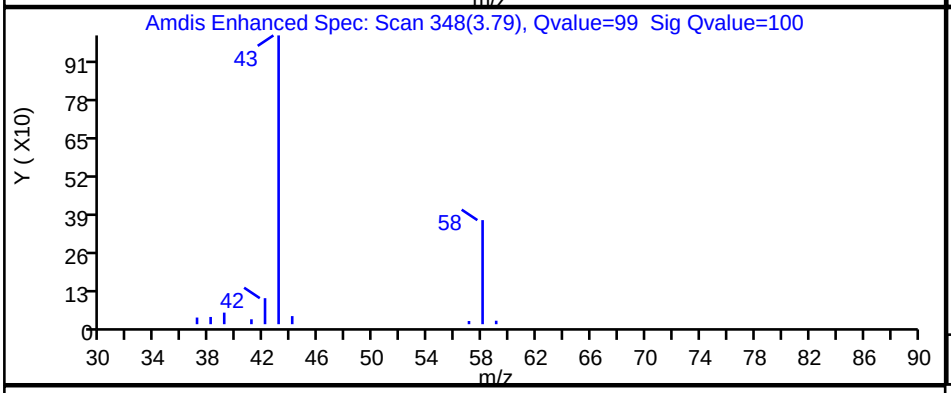
Eurofins Lancaster Laboratories Environment Testing, LLC

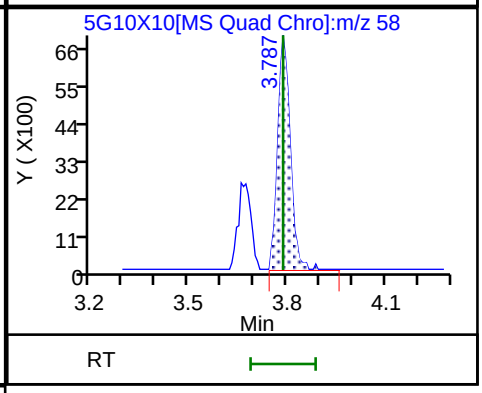
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Injection Date:	11-Aug-2025 08:03:26	Instrument ID:	HP22820		
Lims ID:	410-237203-A-1	Lab Sample ID:	410-237203-1		
Client ID:	2134				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	10
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

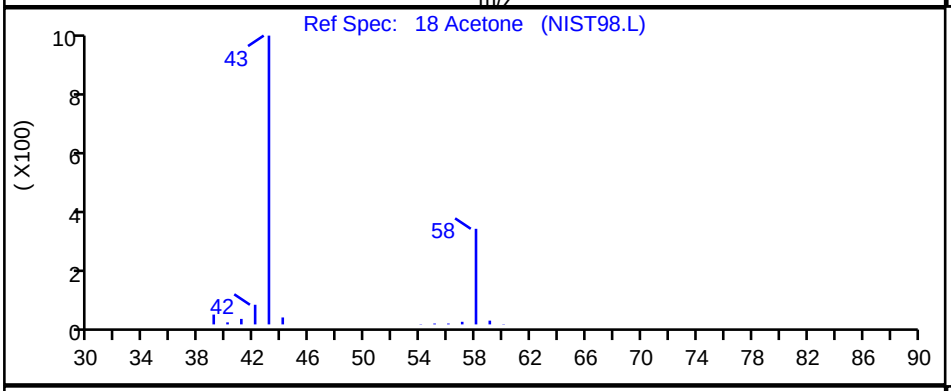
18 Acetone, CAS: 67-64-1

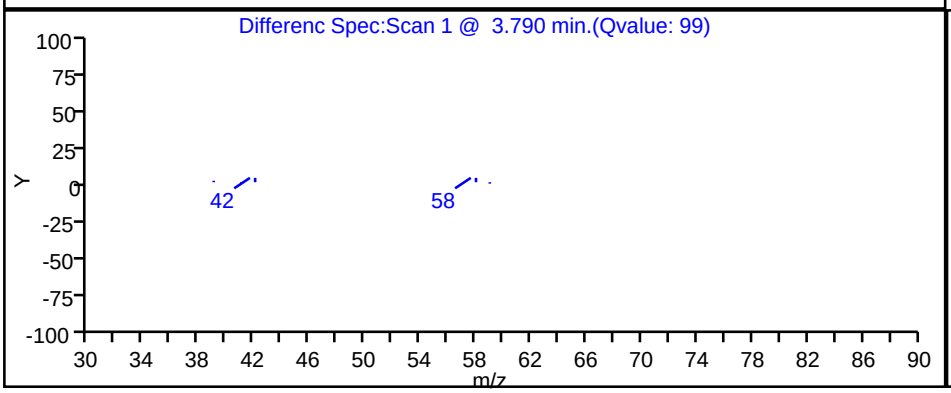


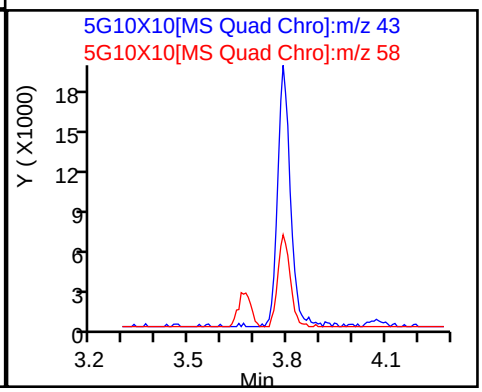












FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2040 Lab Sample ID: 410-237203-2

Matrix: Air Lab File ID: 5G10X11.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.26	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.0	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2040 Lab Sample ID: 410-237203-2

Matrix: Air Lab File ID: 5G10X11.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2040 Lab Sample ID: 410-237203-2

Matrix: Air Lab File ID: 5G10X11.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2040 Lab Sample ID: 410-237203-2

Matrix: Air Lab File ID: 5G10X11.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X11.D
Lims ID: 410-237203-A-2
Client ID: 2040
Sample Type: Client
Inject. Date: 11-Aug-2025 08:28:21 ALS Bottle#: 9 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: ccN10082
Misc. Info.: 410-0156110-011
Operator ID: al109694 Instrument ID: HP22820

Method: \\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\AirMS_TO15_HP22820.m
Limit Group: MSV - TO15
Last Update: 14-Aug-2025 14:00:17 Calib Date: 20-Jun-2025 20:16:24
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D

Column 1 : DB-624 30m .25mm (0.25 mm) Det: MS Quad
Process Host: CTX1642

First Level Reviewer: D7UM Date: 14-Aug-2025 12:53:31

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	1.738	1.731	0.007	86	2140	0.1891	
	18 Acetone	43	3.787	3.787	0.000	100	56720	1.99	
	21 Isopropyl alcohol	45	4.059	4.066	-0.007	97	8696	0.2493	
	36 2-Butanone (MEK)	43	6.065	6.058	0.007	99	9980	0.2622	
*	39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	94	96958	10.0	
*	51 1,4-Difluorobenzene	114	7.275	7.275	0.000	94	422468	10.0	
	69 2-Hexanone	43	9.016	9.023	-0.007	46	2432	0.0601	7M
*	72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.071	86	473683	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

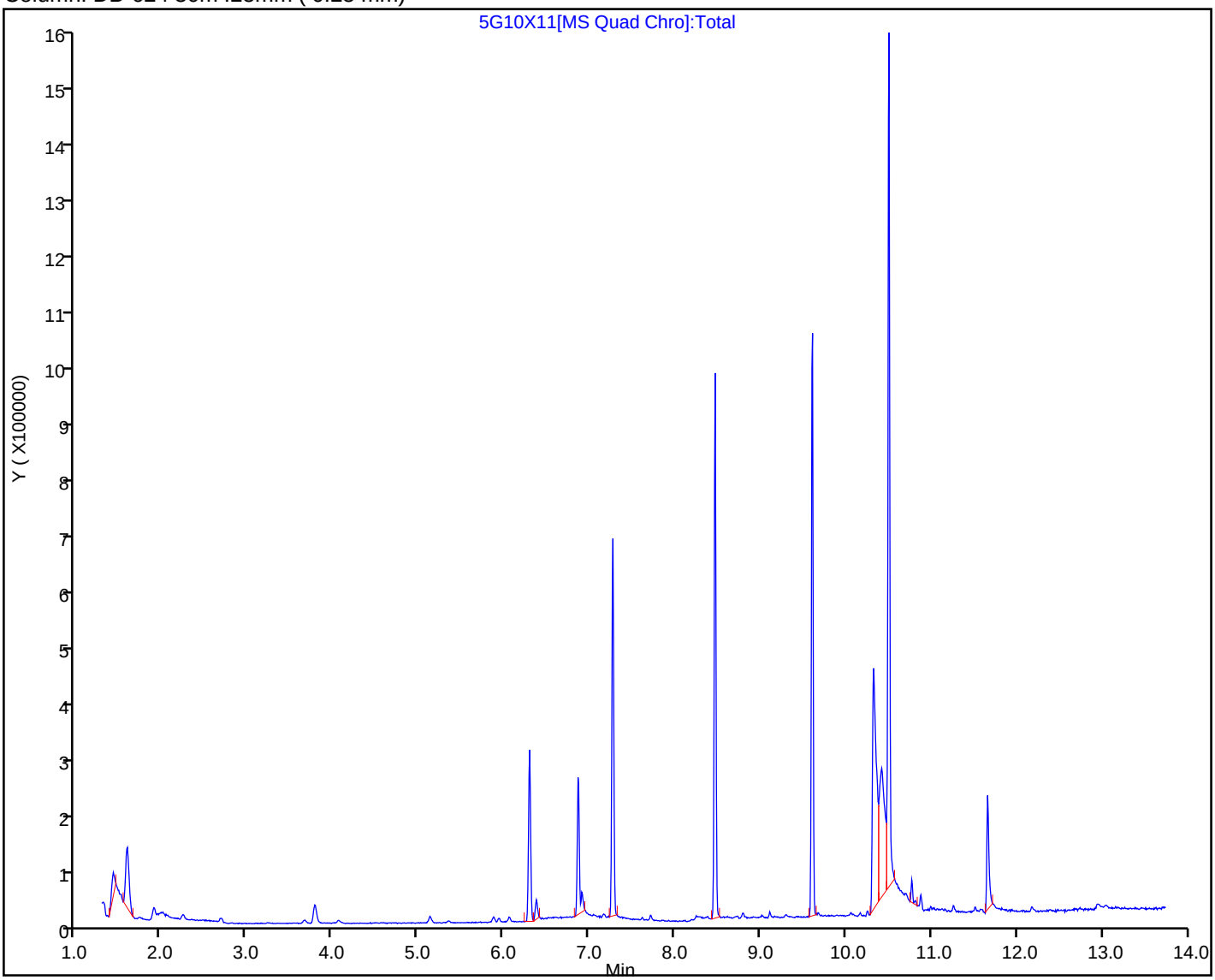
AIRIS200 ppb_00511 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 14-Aug-2025 14:00:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	11-Aug-2025 08:28:21	Instrument ID:	HP22820		
Lims ID:	410-237203-A-2	Lab Sample ID:	410-237203-2		
Client ID:	2040				
Operator ID:	al109694	ALS Bottle#:	9	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

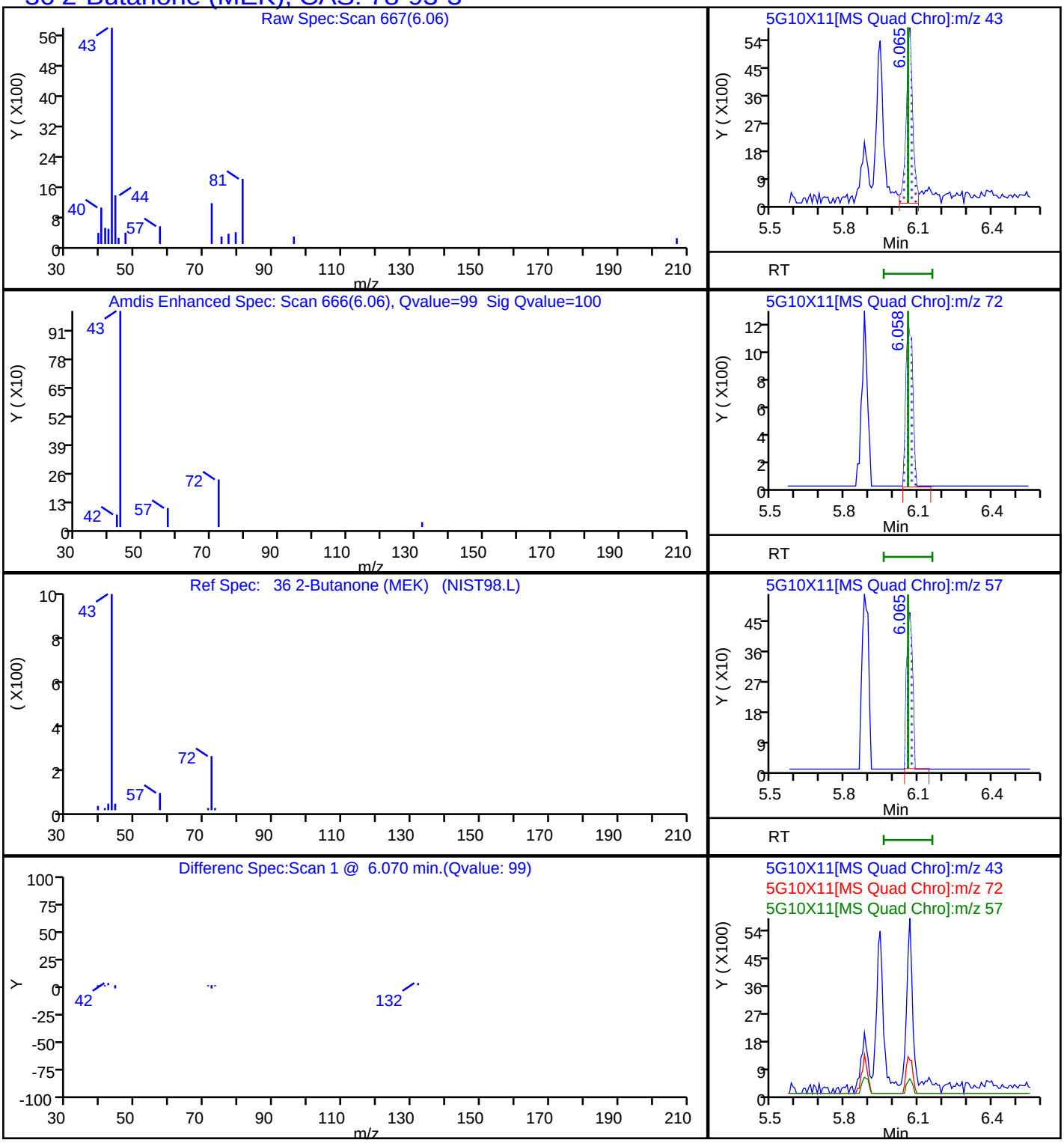


Report Date: 14-Aug-2025 14:00:25 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X11.D				
Injection Date:	11-Aug-2025 08:28:21	Instrument ID:	HP22820		
Lims ID:	410-237203-A-2	Lab Sample ID:	410-237203-2		
Client ID:	2040				
Operator ID:	al109694	ALS Bottle#:	9	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

36 2-Butanone (MEK), CAS: 78-93-3

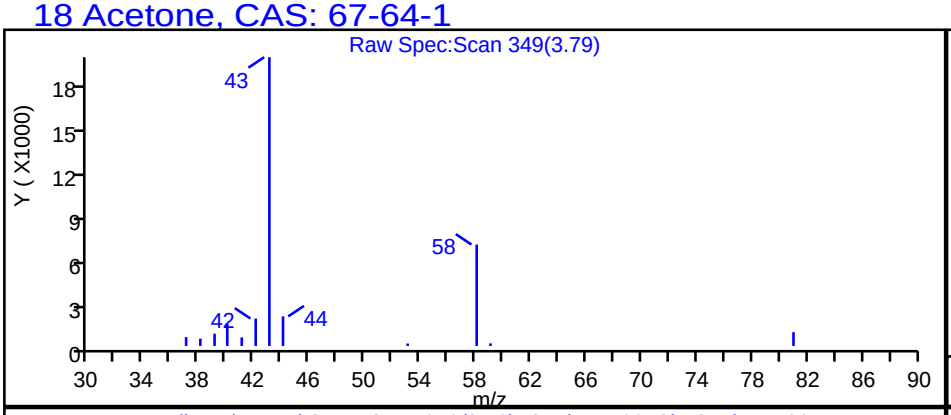


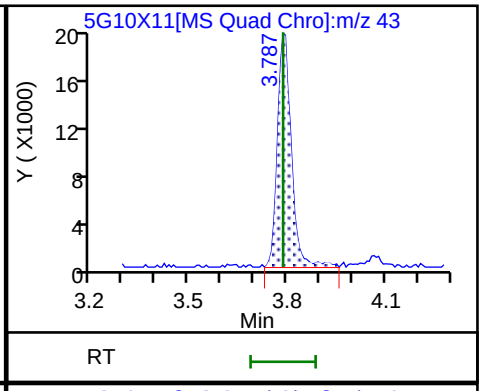
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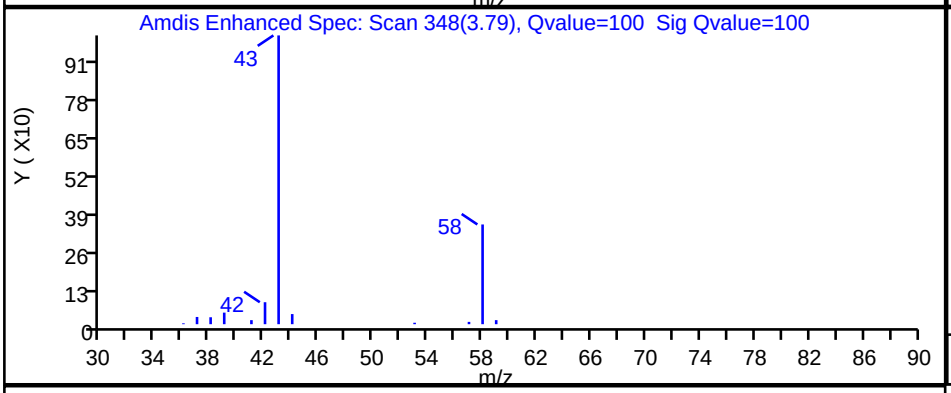
Eurofins Lancaster Laboratories Environment Testing, LLC

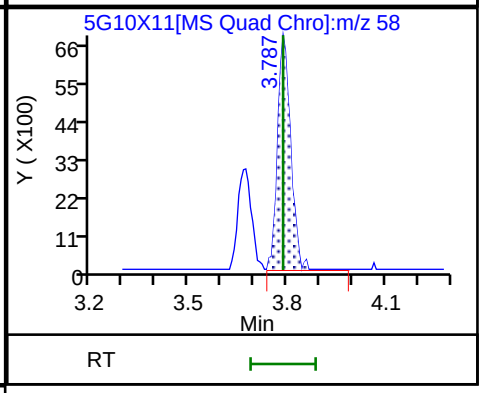
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Injection Date:	11-Aug-2025 08:28:21	Instrument ID:	HP22820		
Lims ID:	410-237203-A-2	Lab Sample ID:	410-237203-2		
Client ID:	2040				
Operator ID:	al109694	ALS Bottle#:	9	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

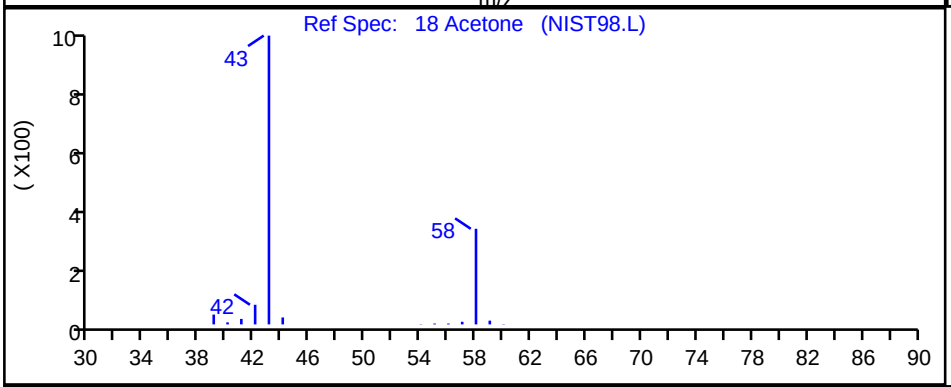
18 Acetone, CAS: 67-64-1

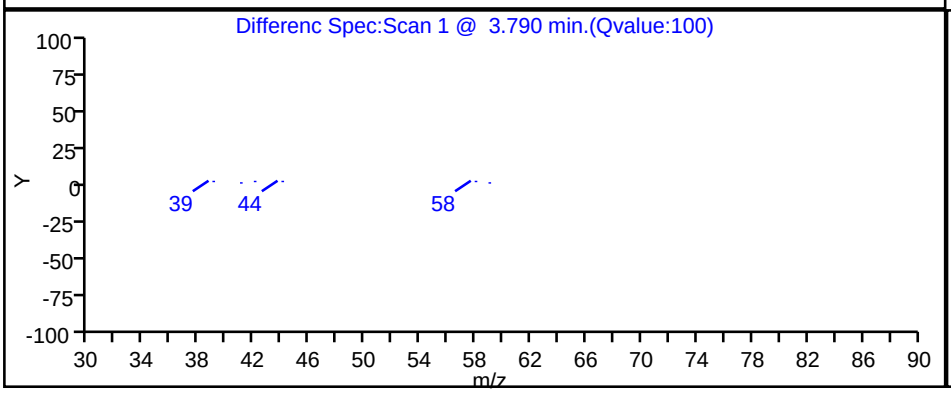


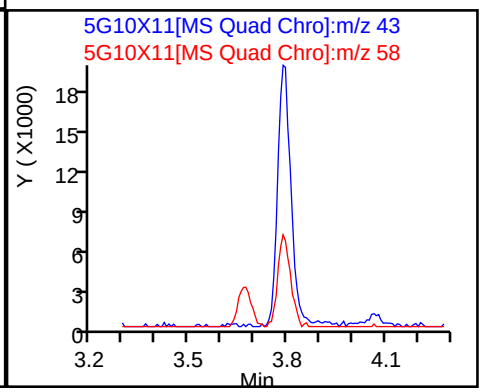












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

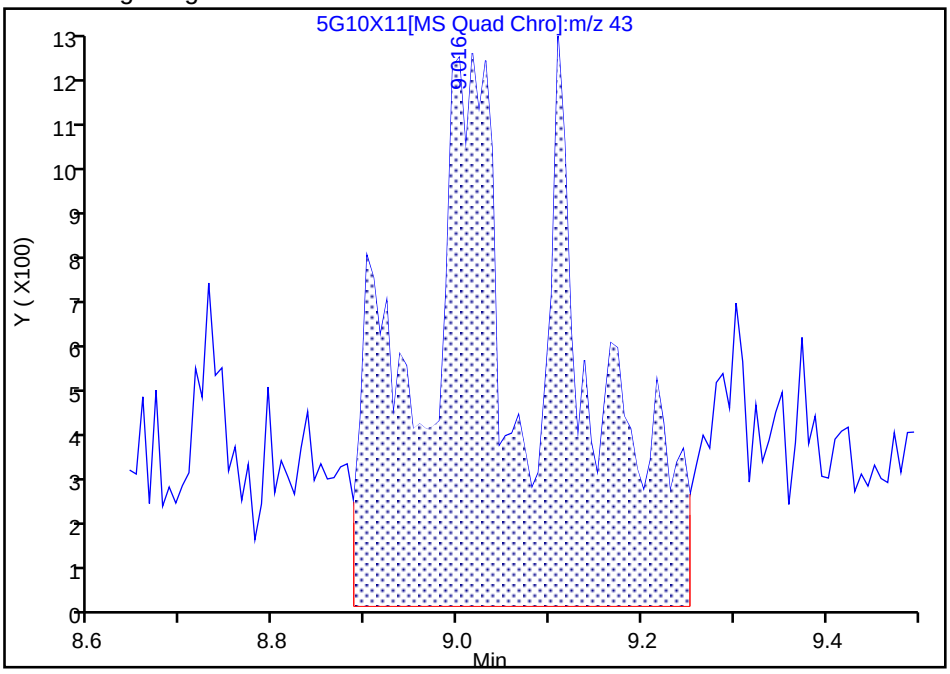
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Injection Date:	11-Aug-2025 08:28:21	Instrument ID:	HP22820		
Lims ID:	410-237203-A-2	Lab Sample ID:	410-237203-2		
Client ID:	2040				
Operator ID:	al109694	ALS Bottle#:	9	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Signal: 1

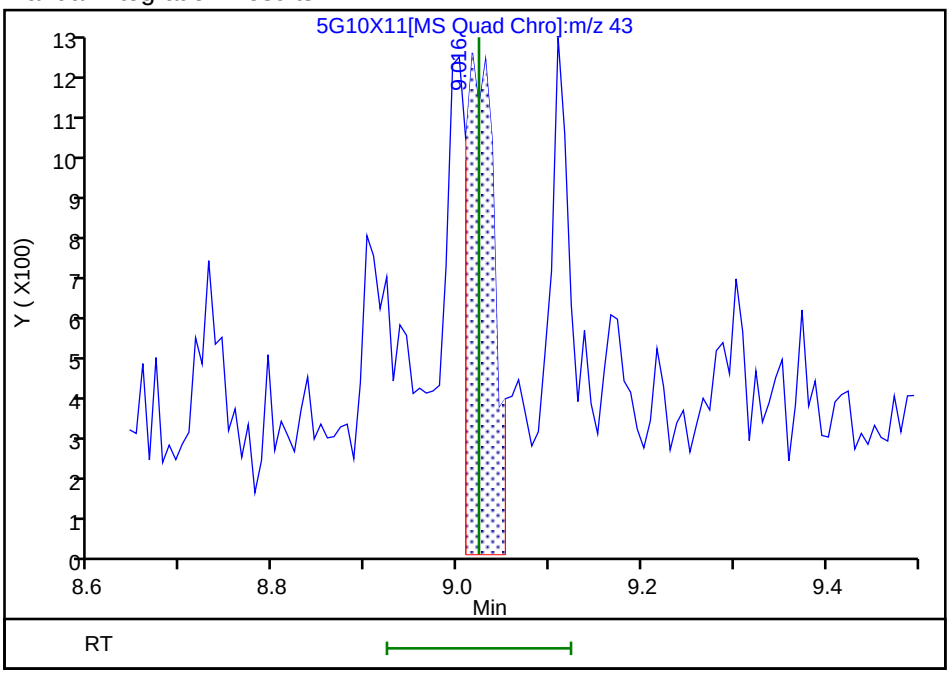
Processing Integration Results

RT: 9.02
Area: 12569
Amount: 0.310672
Amount Units: ppb v/v



Manual Integration Results

RT: 9.02
Area: 2432
Amount: 0.060113
Amount Units: ppb v/v



Reviewer: D7UM, 14-Aug-2025 12:52:53 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

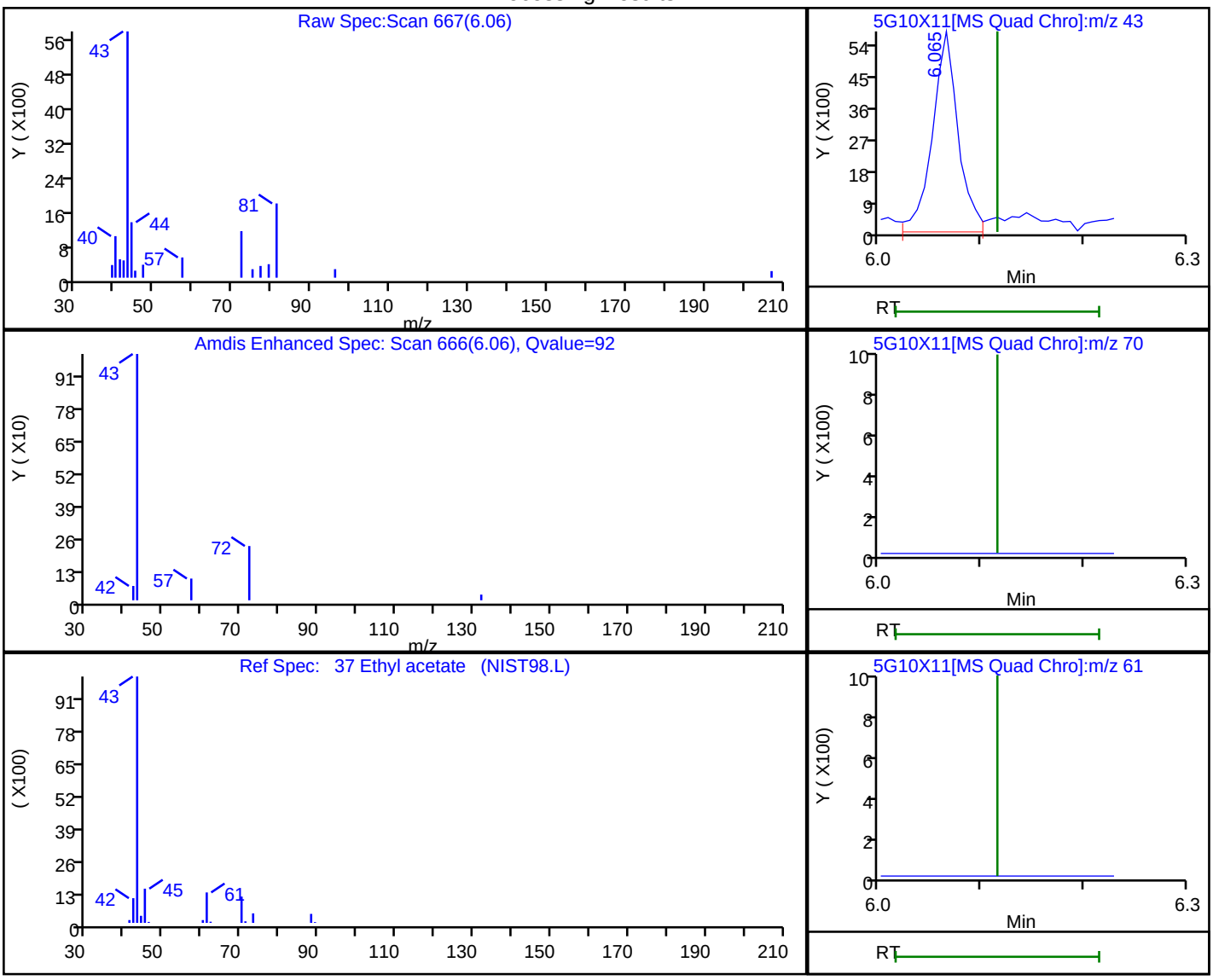
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X11.D				
Injection Date:	11-Aug-2025 08:28:21	Instrument ID:	HP22820		
Lims ID:	410-237203-A-2	Lab Sample ID:	410-237203-2		
Client ID:	2040				
Operator ID:	al109694	ALS Bottle#:	9	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

37 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
6.06	43.00	9980	0.213820
6.11	70.00	0	
6.11	61.00	0	

Reviewer: D7UM, 14-Aug-2025 12:53:11 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2037 Lab Sample ID: 410-237203-3

Matrix: Air Lab File ID: 5G10X14.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 09:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.32	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.7	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2037 Lab Sample ID: 410-237203-3

Matrix: Air Lab File ID: 5G10X14.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 09:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2037 Lab Sample ID: 410-237203-3

Matrix: Air Lab File ID: 5G10X14.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 09:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	0.78	J	1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2037 Lab Sample ID: 410-237203-3

Matrix: Air Lab File ID: 5G10X14.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 09:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X14.D				
Lims ID:	410-237203-A-3				
Client ID:	2037				
Sample Type:	Client				
Inject. Date:	11-Aug-2025 09:42:57	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN9962				
Misc. Info.:	410-0156110-014				
Operator ID:	al109694	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	14-Aug-2025 14:00:17	Calib Date:	20-Jun-2025 20:16:24		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1642				
First Level Reviewer: D7UM		Date:	14-Aug-2025 12:54:50		

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	18 Acetone	43	3.794	3.787	0.007	99	75315	2.67	
	21 Isopropyl alcohol	45	4.066	4.066	0.000	96	26958	0.7793	
	36 2-Butanone (MEK)	43	6.065	6.058	0.007	99	11924	0.3159	
*	39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	93	96167	10.0	
*	51 1,4-Difluorobenzene	114	7.275	7.275	0.000	94	416772	10.0	
	69 2-Hexanone	43	9.023	9.023	0.000	1	1153	0.0288	7M
*	72 Chlorobenzene-d5 (IS)	117	9.610	9.539	0.071	86	469442	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00511 Amount Added: 10.00 Units: mL Run Reagent

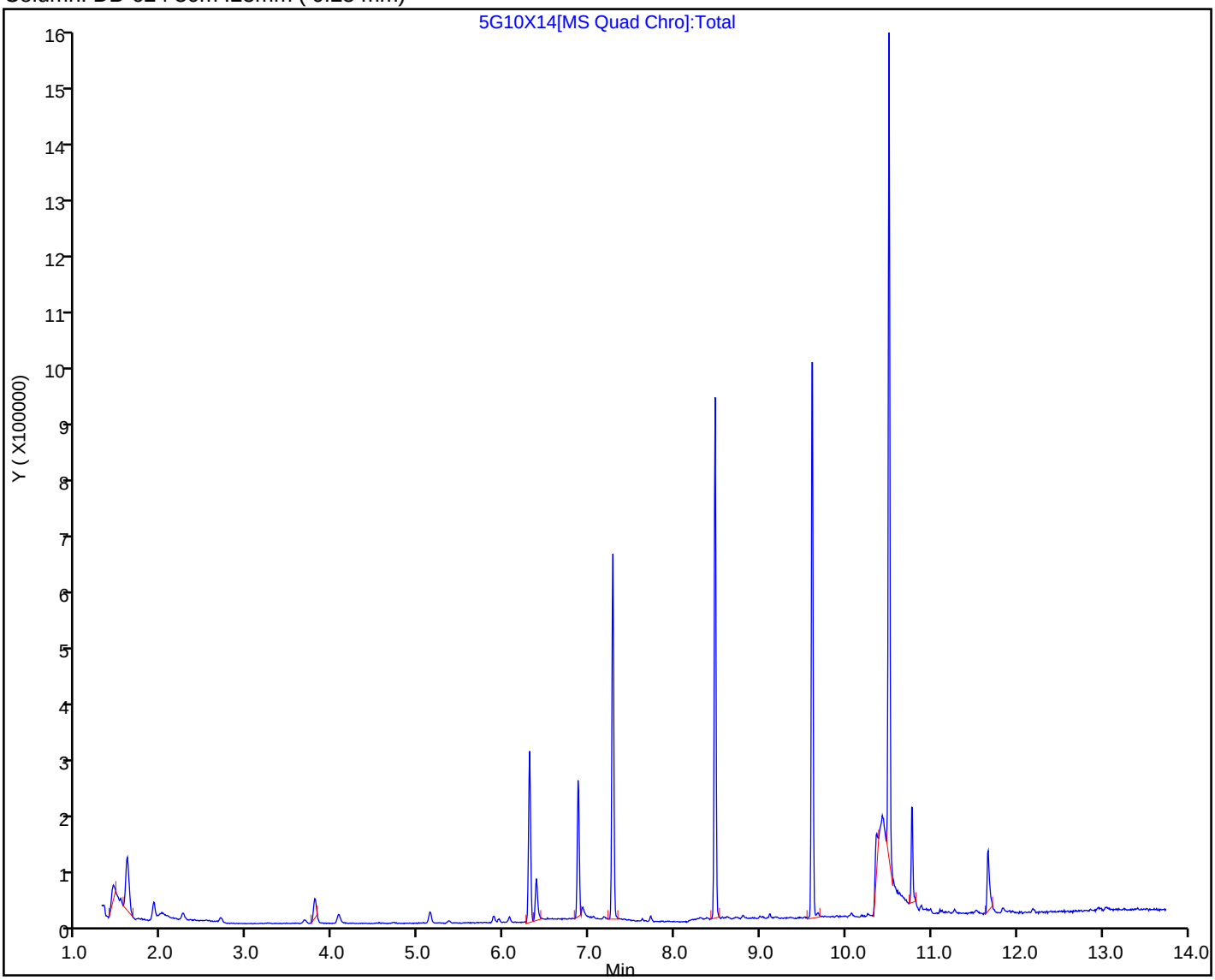
Report Date: 14-Aug-2025 14:00:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	11-Aug-2025 09:42:57	Instrument ID:	HP22820		
Lims ID:	410-237203-A-3	Lab Sample ID:	410-237203-3		
Client ID:	2037				
Operator ID:	al109694	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

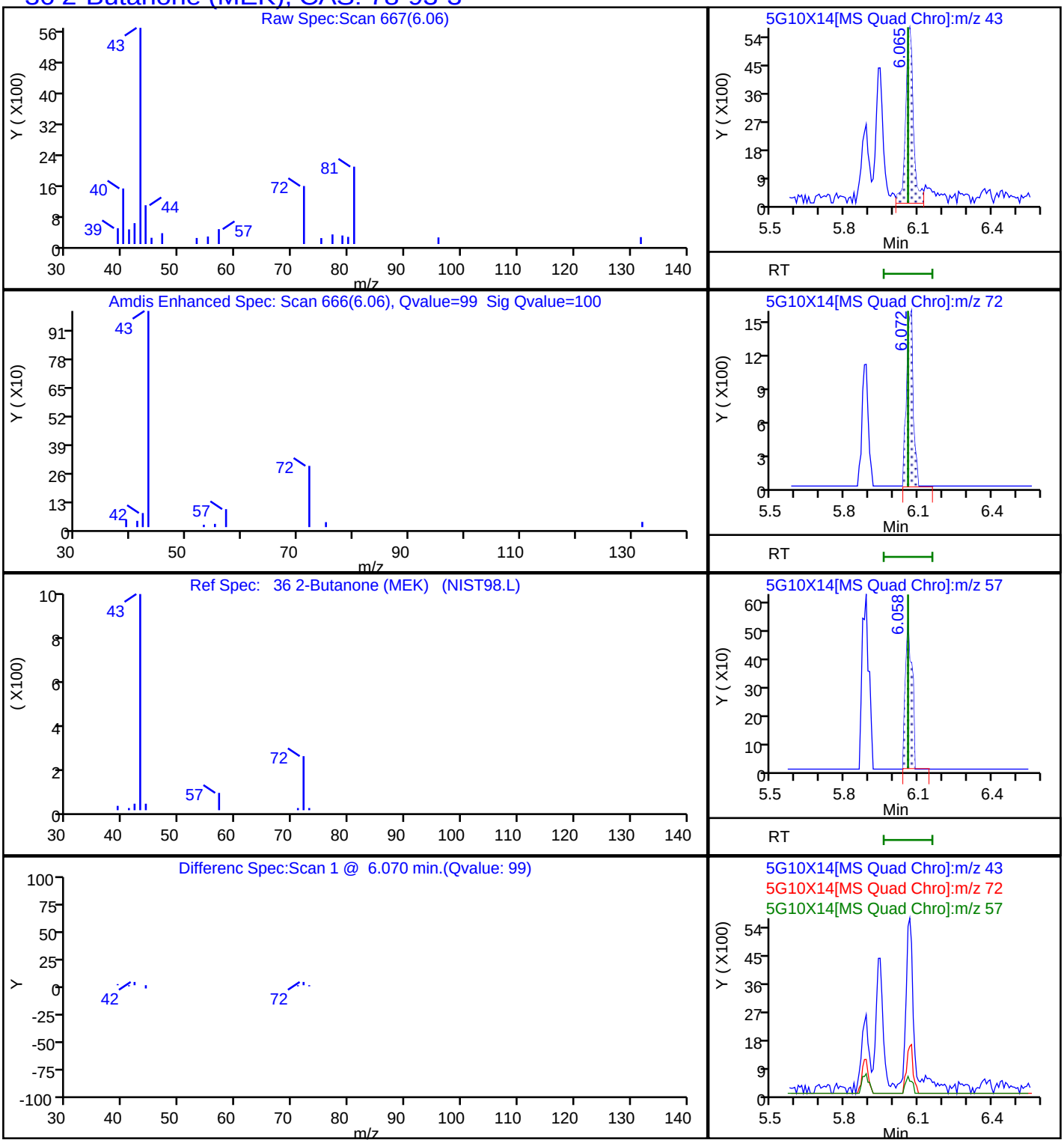


Report Date: 14-Aug-2025 14:00:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X14.D				
Injection Date:	11-Aug-2025 09:42:57	Instrument ID:	HP22820		
Lims ID:	410-237203-A-3	Lab Sample ID:	410-237203-3		
Client ID:	2037				
Operator ID:	al109694	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

36 2-Butanone (MEK), CAS: 78-93-3



Report Date: 14-Aug-2025 14:00:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X14.D

Injection Date: 11-Aug-2025 09:42:57 Instrument ID: HP22820

Lims ID: 410-237203-A-3 Lab Sample ID: 410-237203-3

Client ID: 2037

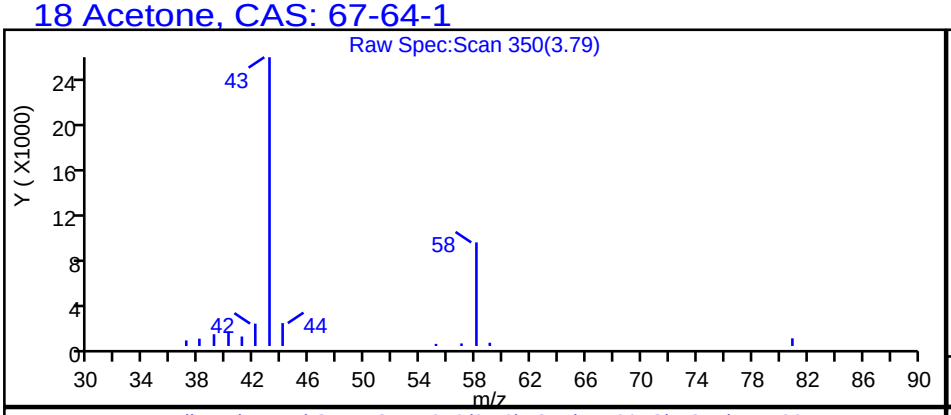
Operator ID: al109694 ALS Bottle#: 12 Worklist Smp#: 14

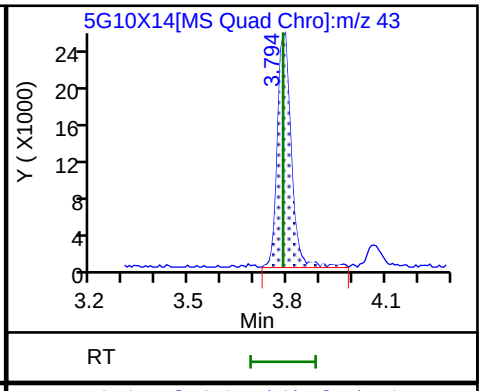
Purge Vol: 200.000 mL Dil. Factor: 1.0000

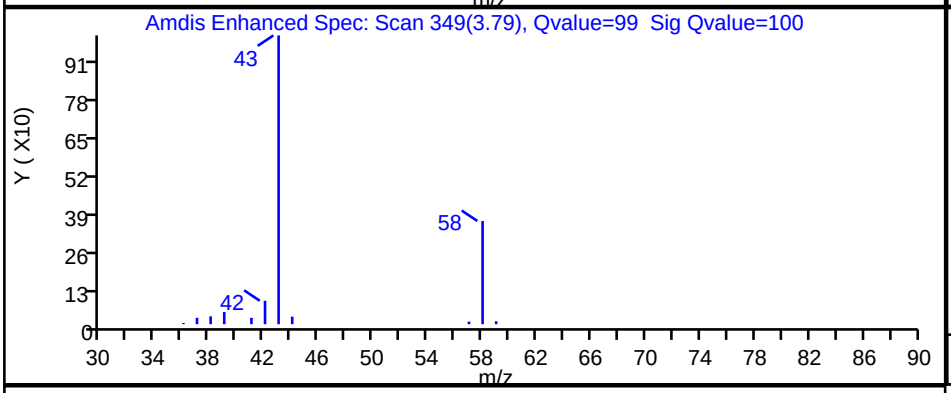
Method: AirMS_TO15_HP22820 Limit Group: MSV - TO15

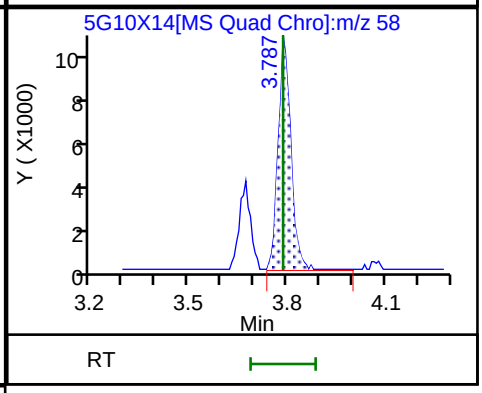
Column: DB-624 30m .25mm (0.25 mm) Detector MS Quad

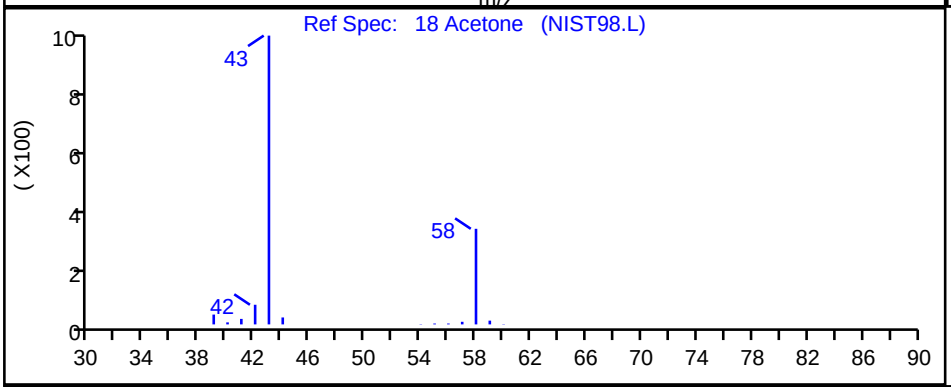
18 Acetone, CAS: 67-64-1

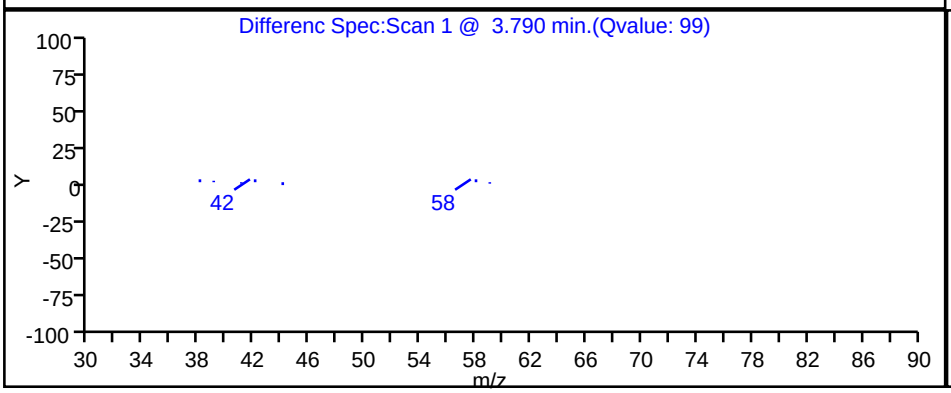


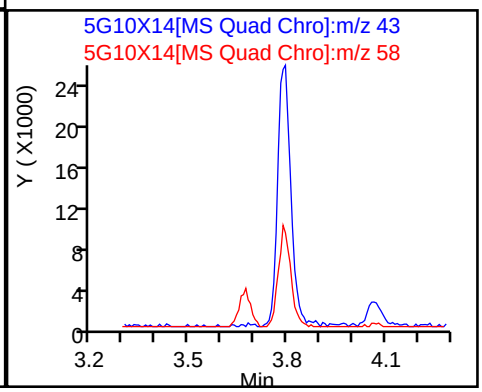










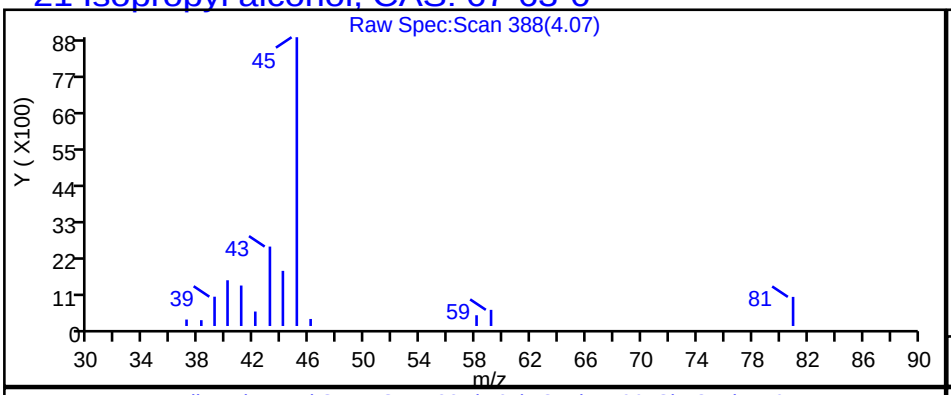


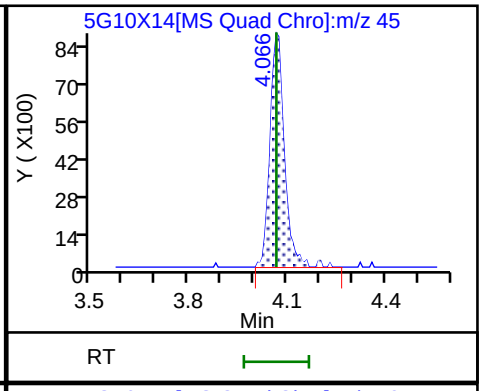
Report Date: 14-Aug-2025 14:00:27 Chrom Revision: 2.3 13-Aug-2025 14:00:00

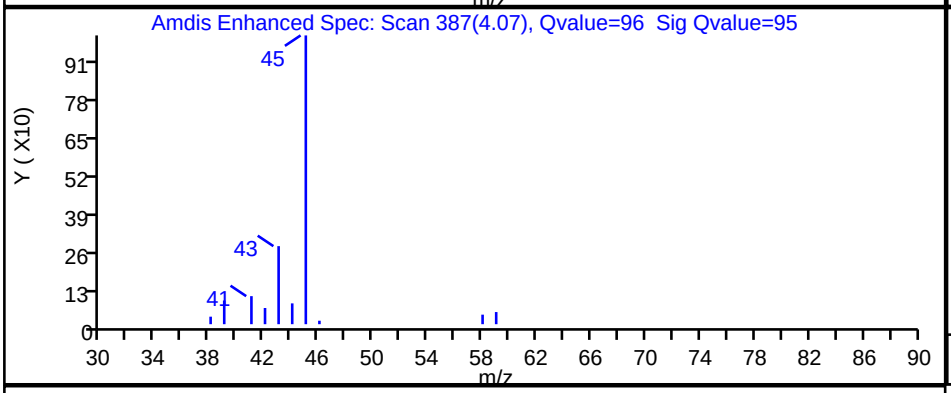
Eurofins Lancaster Laboratories Environment Testing, LLC

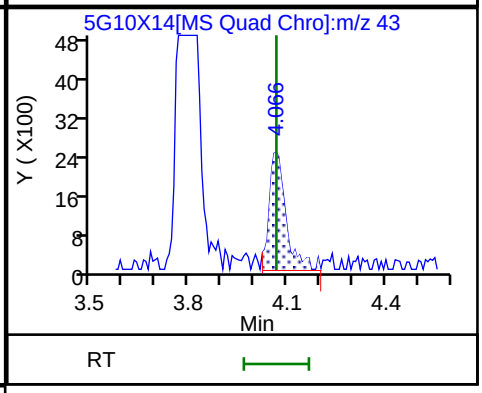
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Injection Date:	11-Aug-2025 09:42:57	Instrument ID:	HP22820		
Lims ID:	410-237203-A-3	Lab Sample ID:	410-237203-3		
Client ID:	2037				
Operator ID:	al109694	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

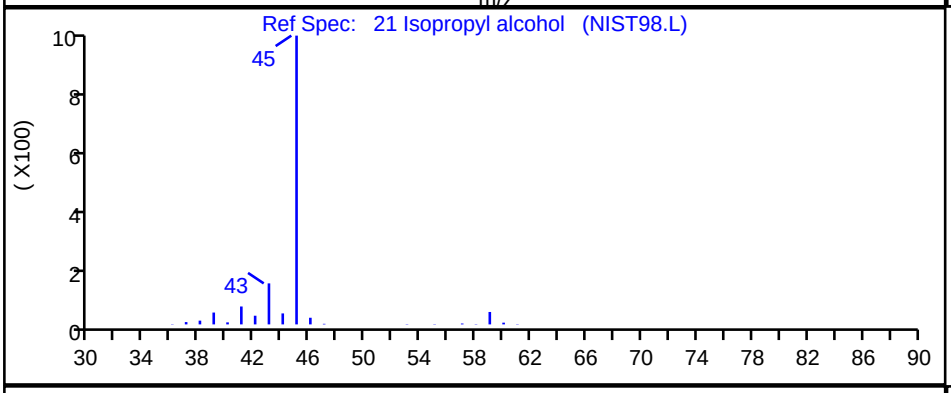
21 Isopropyl alcohol, CAS: 67-63-0

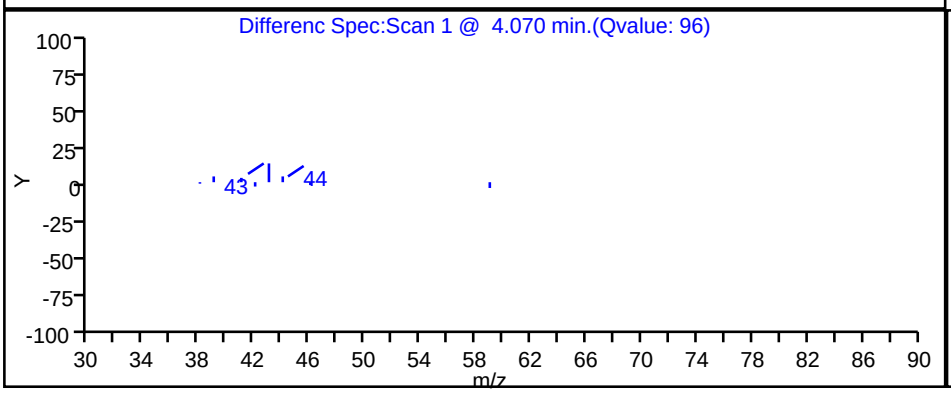


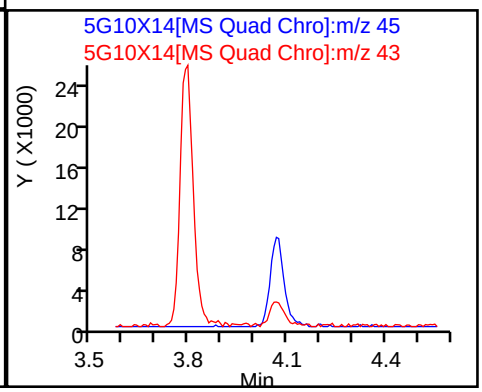












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

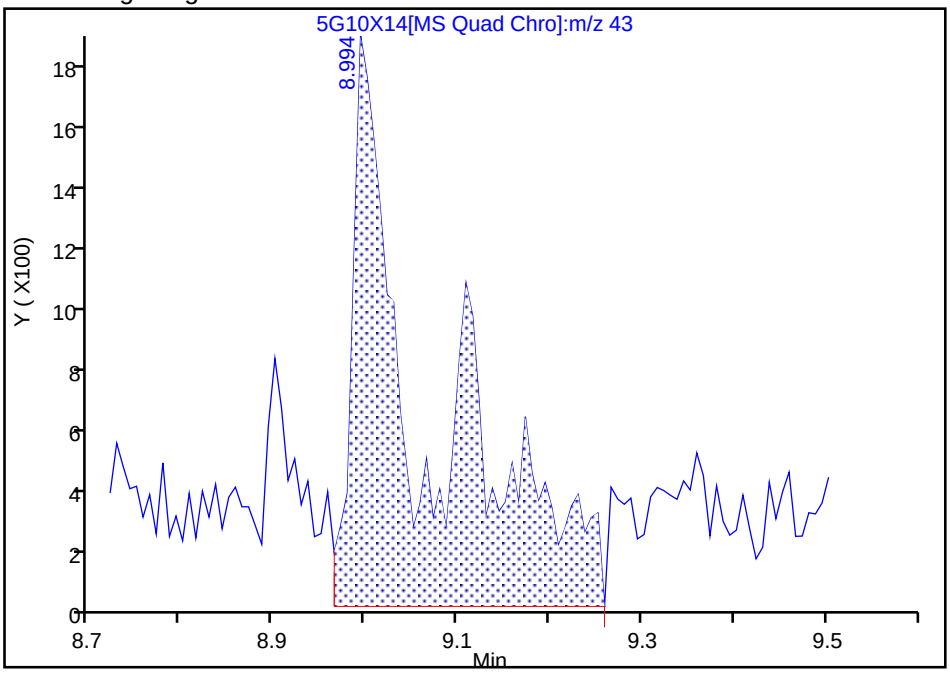
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Injection Date:	11-Aug-2025 09:42:57	Instrument ID:	HP22820		
Lims ID:	410-237203-A-3	Lab Sample ID:	410-237203-3		
Client ID:	2037				
Operator ID:	al109694	ALS Bottle#:	12	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Signal: 1

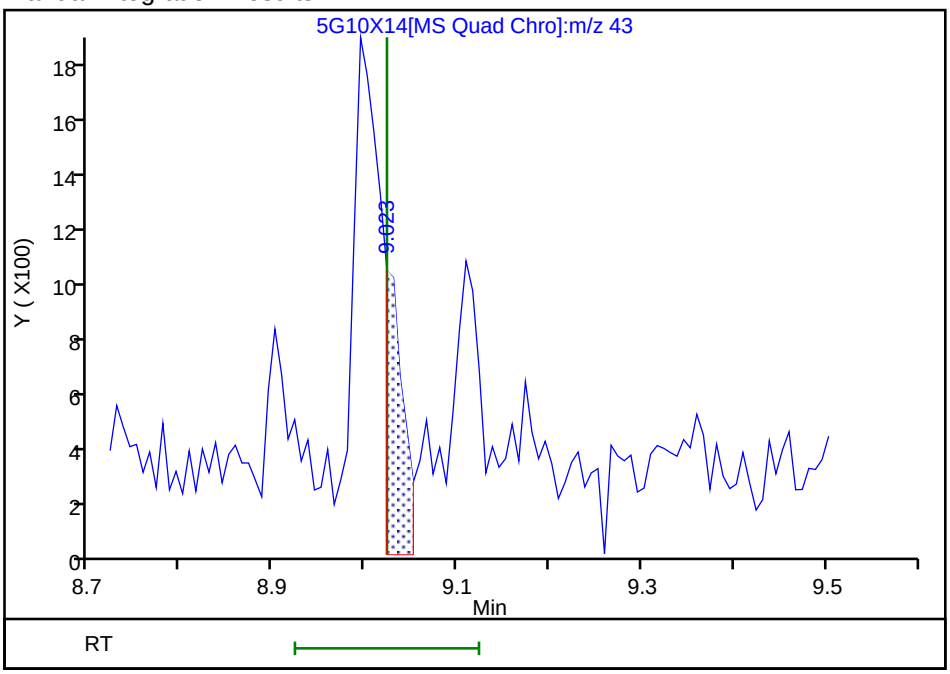
Processing Integration Results

RT: 8.99
Area: 9992
Amount: 0.249207
Amount Units: ppb v/v



Manual Integration Results

RT: 9.02
Area: 1153
Amount: 0.028757
Amount Units: ppb v/v



Reviewer: D7UM, 14-Aug-2025 12:54:32 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2059 Lab Sample ID: 410-237203-6

Matrix: Air Lab File ID: 5G10X15.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.33	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	3.6	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2059 Lab Sample ID: 410-237203-6

Matrix: Air Lab File ID: 5G10X15.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2059 Lab Sample ID: 410-237203-6

Matrix: Air Lab File ID: 5G10X15.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2059 Lab Sample ID: 410-237203-6

Matrix: Air Lab File ID: 5G10X15.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X15.D				
Lims ID:	410-237203-A-6				
Client ID:	2059				
Sample Type:	Client				
Inject. Date:	11-Aug-2025 10:07:51	ALS Bottle#:	13	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN10044				
Misc. Info.:	410-0156110-015				
Operator ID:	al109694	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	14-Aug-2025 14:00:17	Calib Date:	20-Jun-2025 20:16:24		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1642				
First Level Reviewer: D7UM		Date:	14-Aug-2025 12:57:17		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.787	3.787	0.000	100	101232	3.57	
21 Isopropyl alcohol	45	4.066	4.066	0.000	96	10112	0.2909	
36 2-Butanone (MEK)	43	6.065	6.058	0.007	98	12557	0.3311	
* 39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	94	96636	10.0	
* 51 1,4-Difluorobenzene	114	7.276	7.275	0.001	94	412711	10.0	
69 2-Hexanone	43	9.023	9.023	0.000	88	2694	0.0681	7M
* 72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.072	86	463253	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

AIRIS200 ppb_00511 Amount Added: 10.00 Units: mL Run Reagent

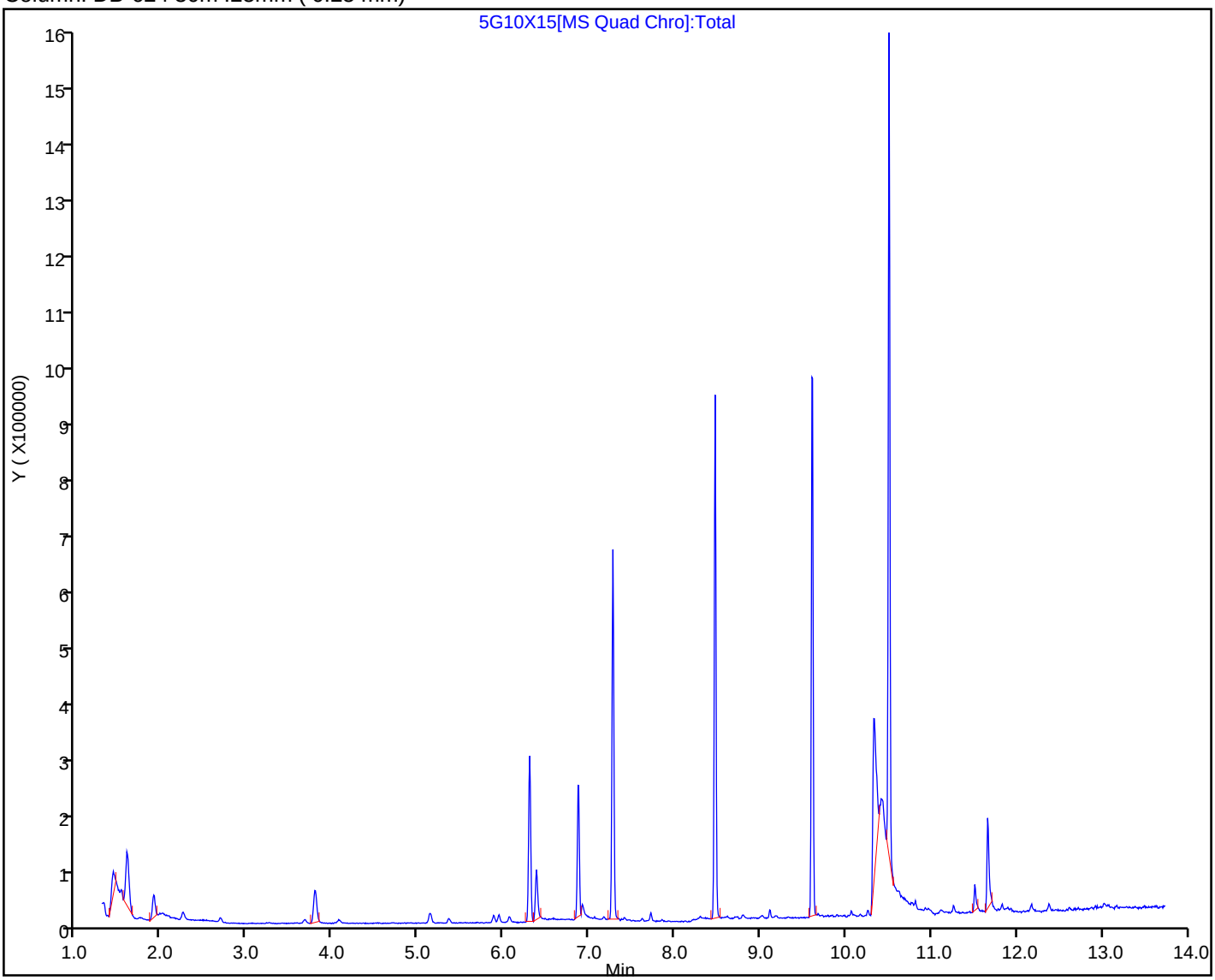
Report Date: 14-Aug-2025 14:00:29 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X15.D

Injection Date:	11-Aug-2025 10:07:51	Instrument ID:	HP22820		
Lims ID:	410-237203-A-6	Lab Sample ID:	410-237203-6		
Client ID:	2059				
Operator ID:	al109694	ALS Bottle#:	13	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

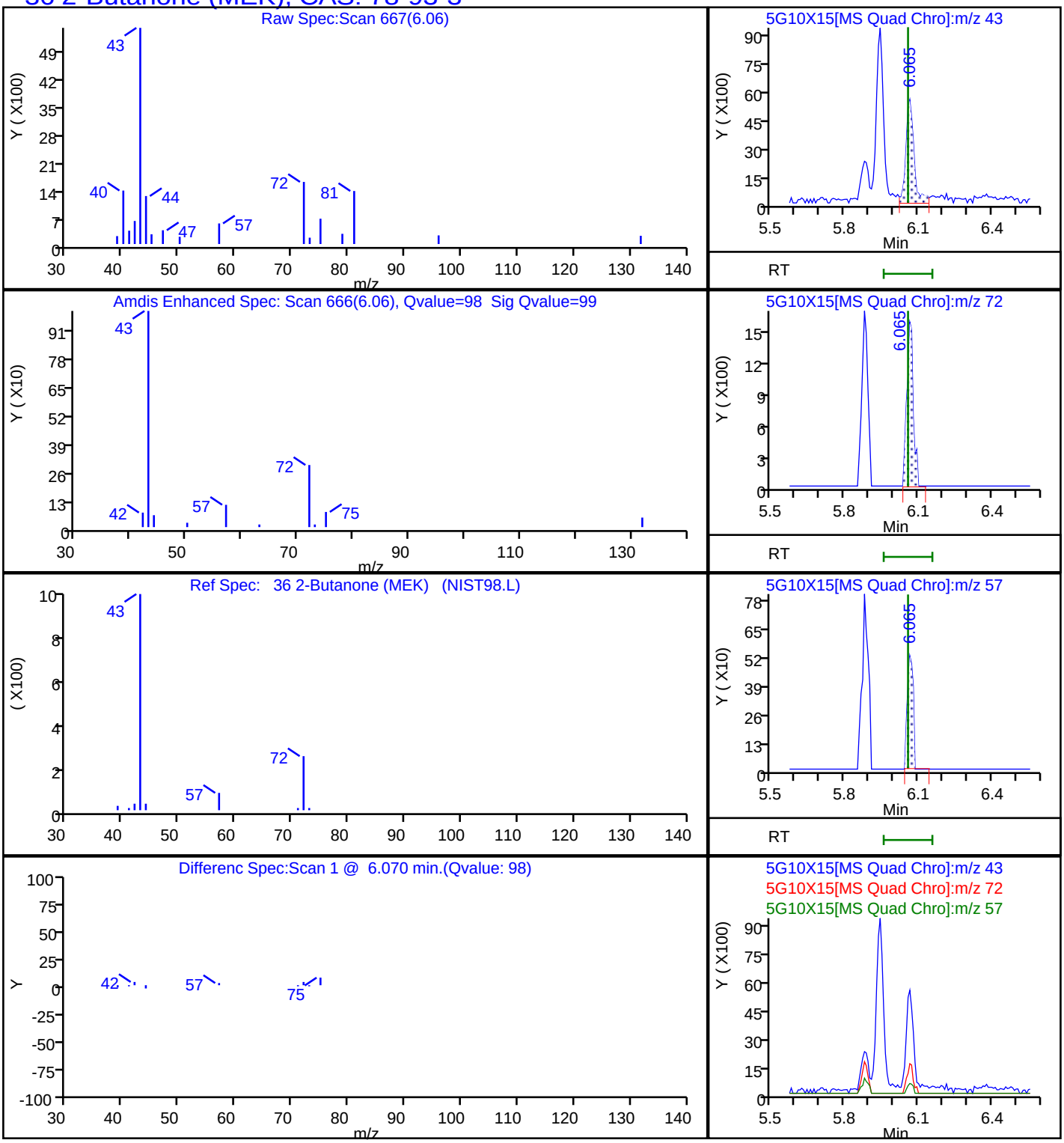


Report Date: 14-Aug-2025 14:00:29 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X15.D				
Injection Date:	11-Aug-2025 10:07:51	Instrument ID:	HP22820		
Lims ID:	410-237203-A-6	Lab Sample ID:	410-237203-6		
Client ID:	2059				
Operator ID:	al109694	ALS Bottle#:	13	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

36 2-Butanone (MEK), CAS: 78-93-3

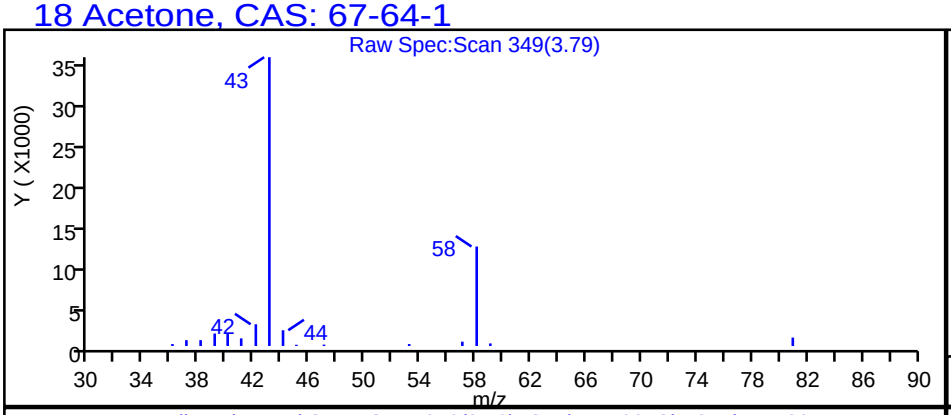


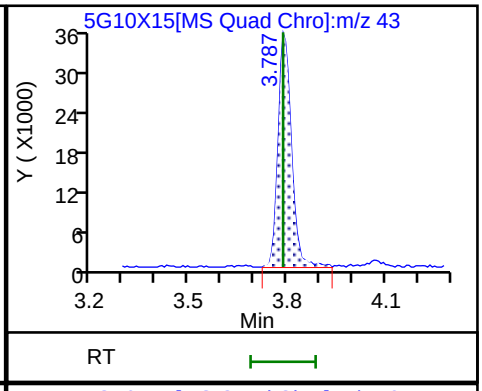
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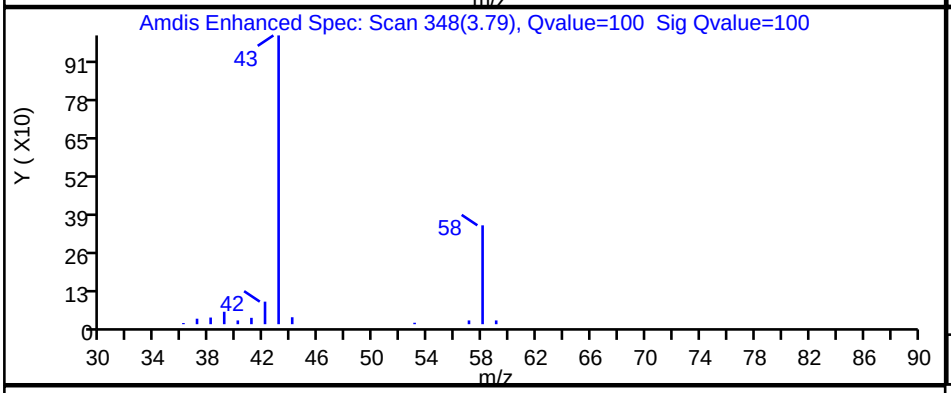
Eurofins Lancaster Laboratories Environment Testing, LLC

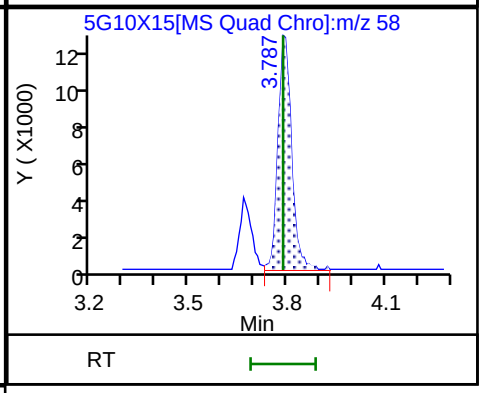
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Injection Date:	11-Aug-2025 10:07:51	Instrument ID:	HP22820		
Lims ID:	410-237203-A-6	Lab Sample ID:	410-237203-6		
Client ID:	2059				
Operator ID:	al109694	ALS Bottle#:	13	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

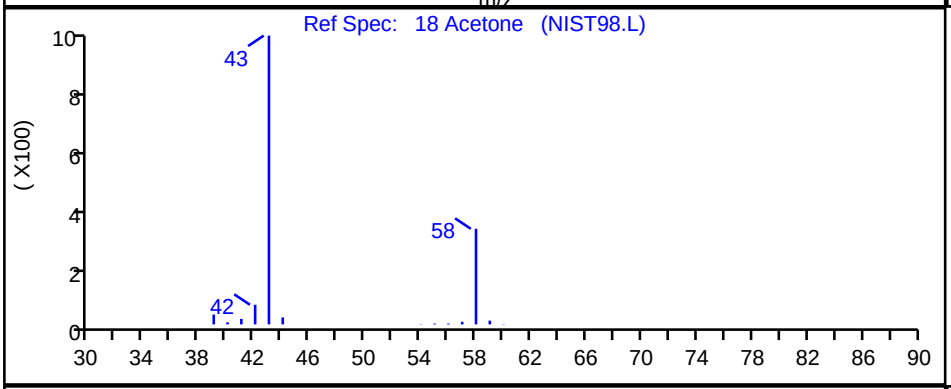
18 Acetone, CAS: 67-64-1

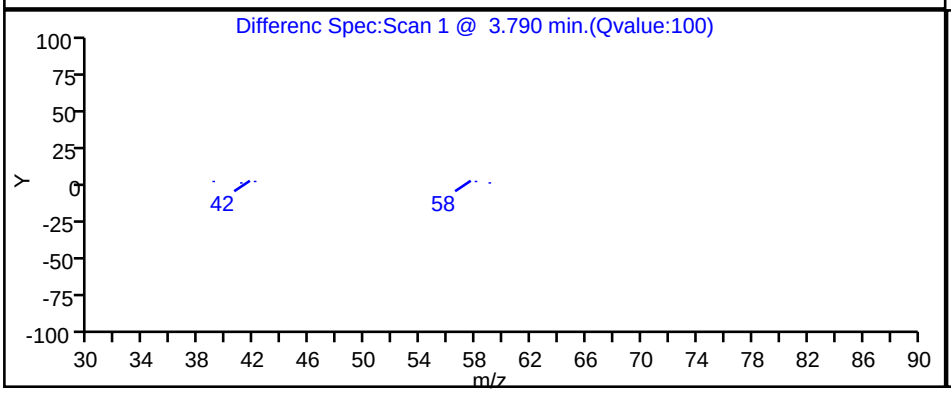


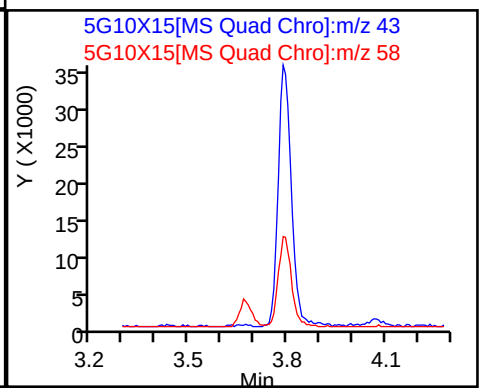












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

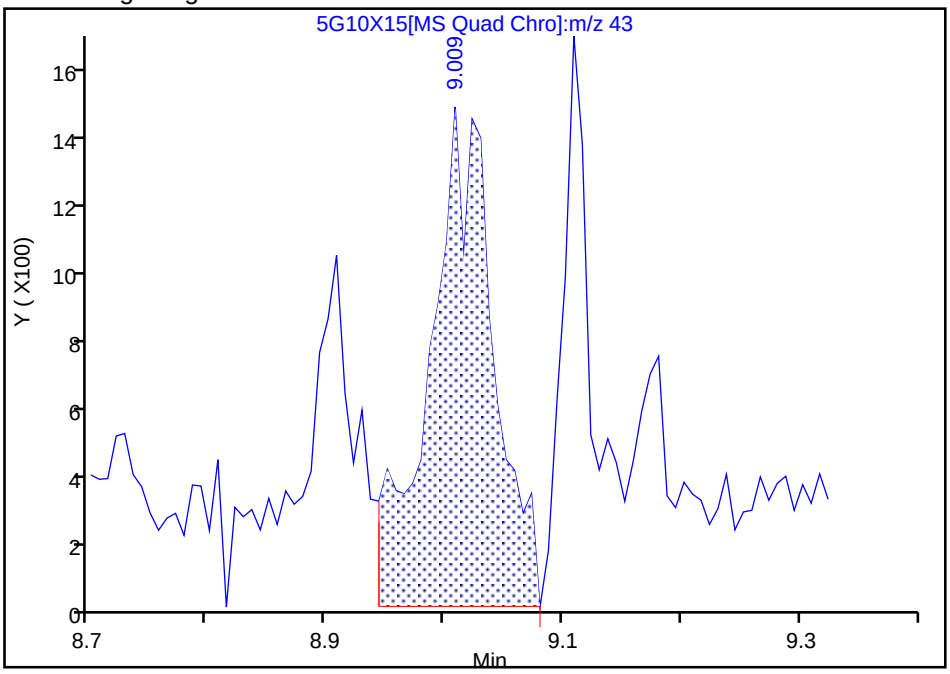
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Injection Date:	11-Aug-2025 10:07:51	Instrument ID:	HP22820		
Lims ID:	410-237203-A-6	Lab Sample ID:	410-237203-6		
Client ID:	2059				
Operator ID:	al109694	ALS Bottle#:	13	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Signal: 1

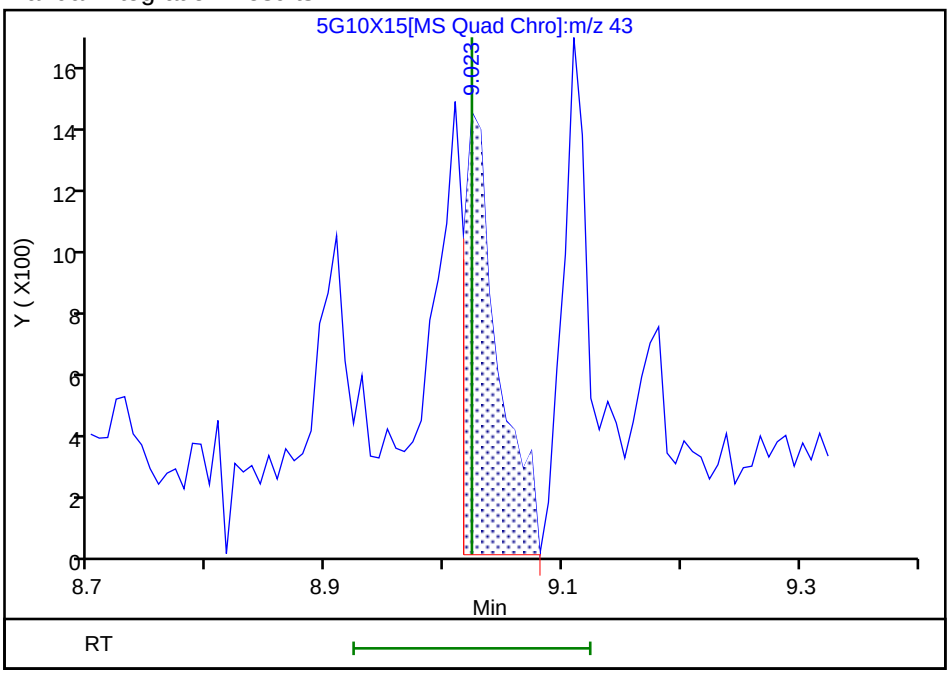
Processing Integration Results

RT: 9.01
Area: 5617
Amount: 0.141963
Amount Units: ppb v/v



Manual Integration Results

RT: 9.02
Area: 2694
Amount: 0.068088
Amount Units: ppb v/v



Reviewer: D7UM, 14-Aug-2025 12:55:05 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

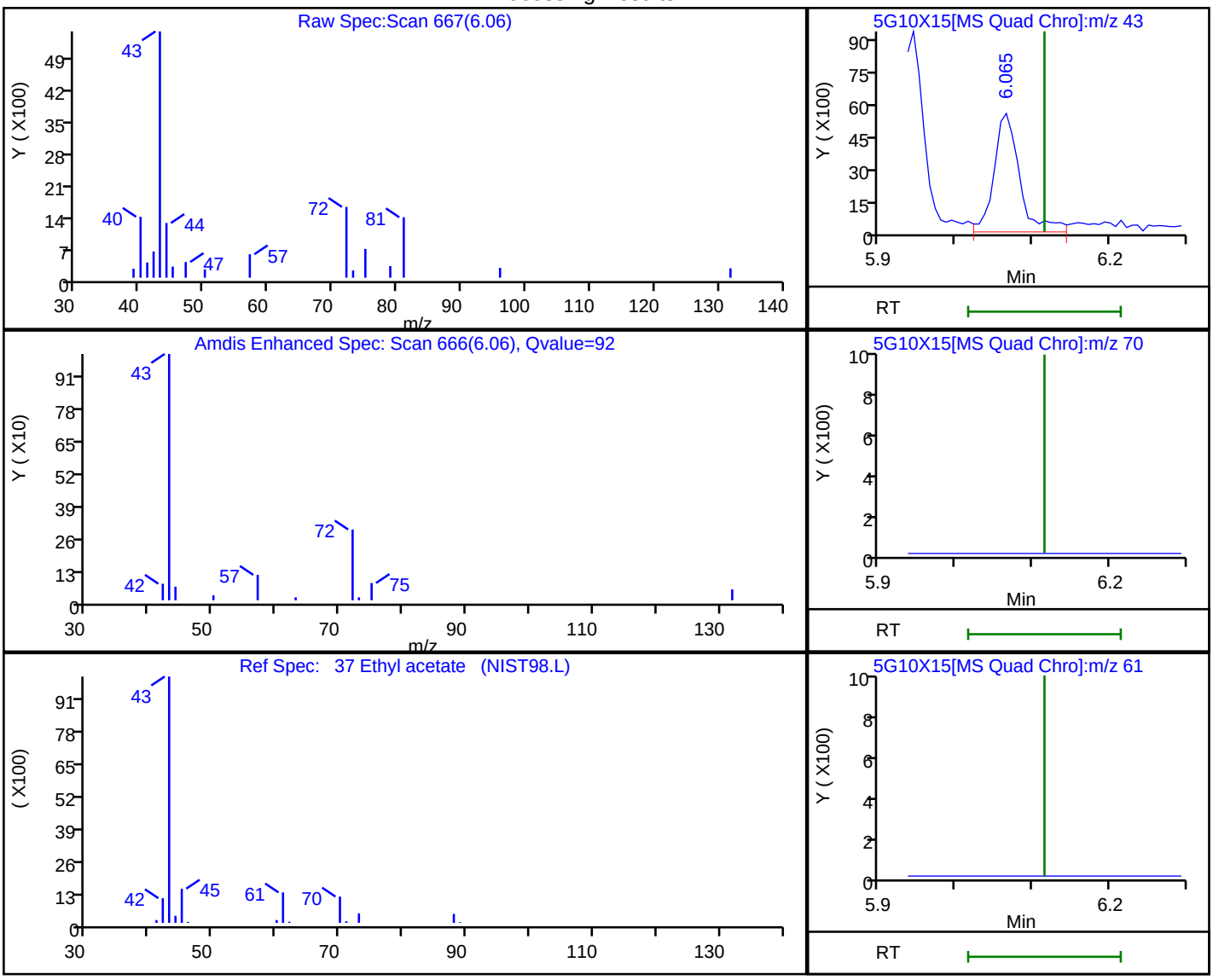
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X15.D				
Injection Date:	11-Aug-2025 10:07:51	Instrument ID:	HP22820		
Lims ID:	410-237203-A-6	Lab Sample ID:	410-237203-6		
Client ID:	2059				
Operator ID:	al109694	ALS Bottle#:	13	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

37 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
6.06	43.00	12557	0.269929
6.11	70.00	0	
6.11	61.00	0	

Reviewer: D7UM, 14-Aug-2025 12:55:18 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2045 Lab Sample ID: 410-237203-7

Matrix: Air Lab File ID: 5G10X17.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.26	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.0	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2045 Lab Sample ID: 410-237203-7

Matrix: Air Lab File ID: 5G10X17.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2045 Lab Sample ID: 410-237203-7

Matrix: Air Lab File ID: 5G10X17.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2045 Lab Sample ID: 410-237203-7

Matrix: Air Lab File ID: 5G10X17.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 10:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X17.D
Lims ID: 410-237203-A-7
Client ID: 2045
Sample Type: Client
Inject. Date: 11-Aug-2025 10:57:48 ALS Bottle#: 5 Worklist Smp#: 17
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc2045
Misc. Info.: 410-0156110-017
Operator ID: al109694 Instrument ID: HP22820

Method: \\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\AirMS_TO15_HP22820.m
Limit Group: MSV - TO15
Last Update: 14-Aug-2025 14:00:17 Calib Date: 20-Jun-2025 20:16:24
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D

Column 1 : DB-624 30m .25mm (0.25 mm) Det: MS Quad
Process Host: CTX1642

First Level Reviewer: D7UM Date: 14-Aug-2025 12:58:25

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	18 Acetone	43	3.794	3.787	0.007	100	59126	1.99	
	36 2-Butanone (MEK)	43	6.065	6.058	0.007	99	10102	0.2550	
*	39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	94	100917	10.0	
*	51 1,4-Difluorobenzene	114	7.275	7.275	0.000	94	430524	10.0	
	69 2-Hexanone	43	9.016	9.023	-0.007	17	2708	0.0675	7M
*	72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.072	86	469544	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

AIRIS200 ppb_00511 Amount Added: 10.00 Units: mL Run Reagent

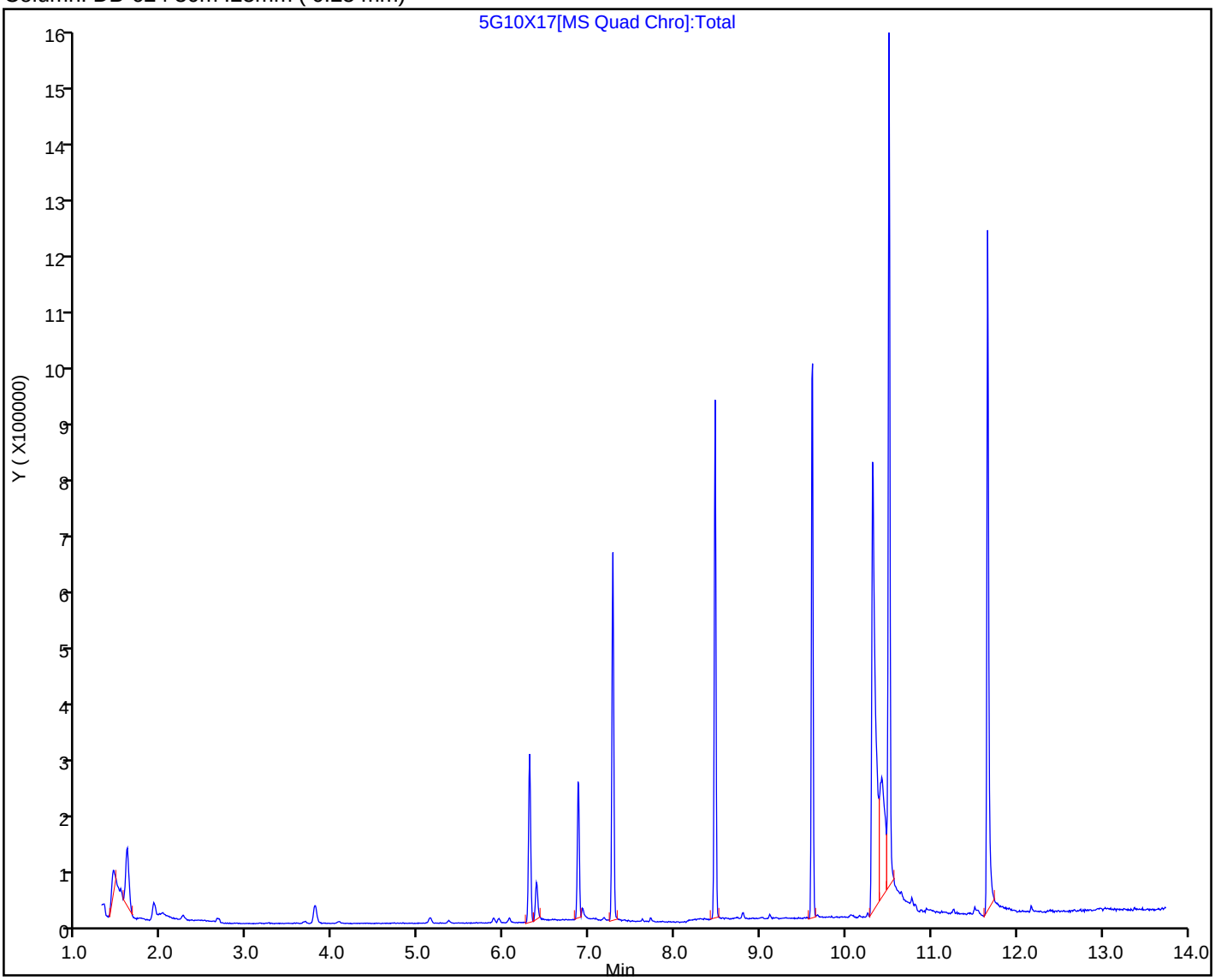
Report Date: 14-Aug-2025 14:00:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X17.D

Injection Date:	11-Aug-2025 10:57:48	Instrument ID:	HP22820		
Lims ID:	410-237203-A-7	Lab Sample ID:	410-237203-7		
Client ID:	2045				
Operator ID:	al109694	ALS Bottle#:	5	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

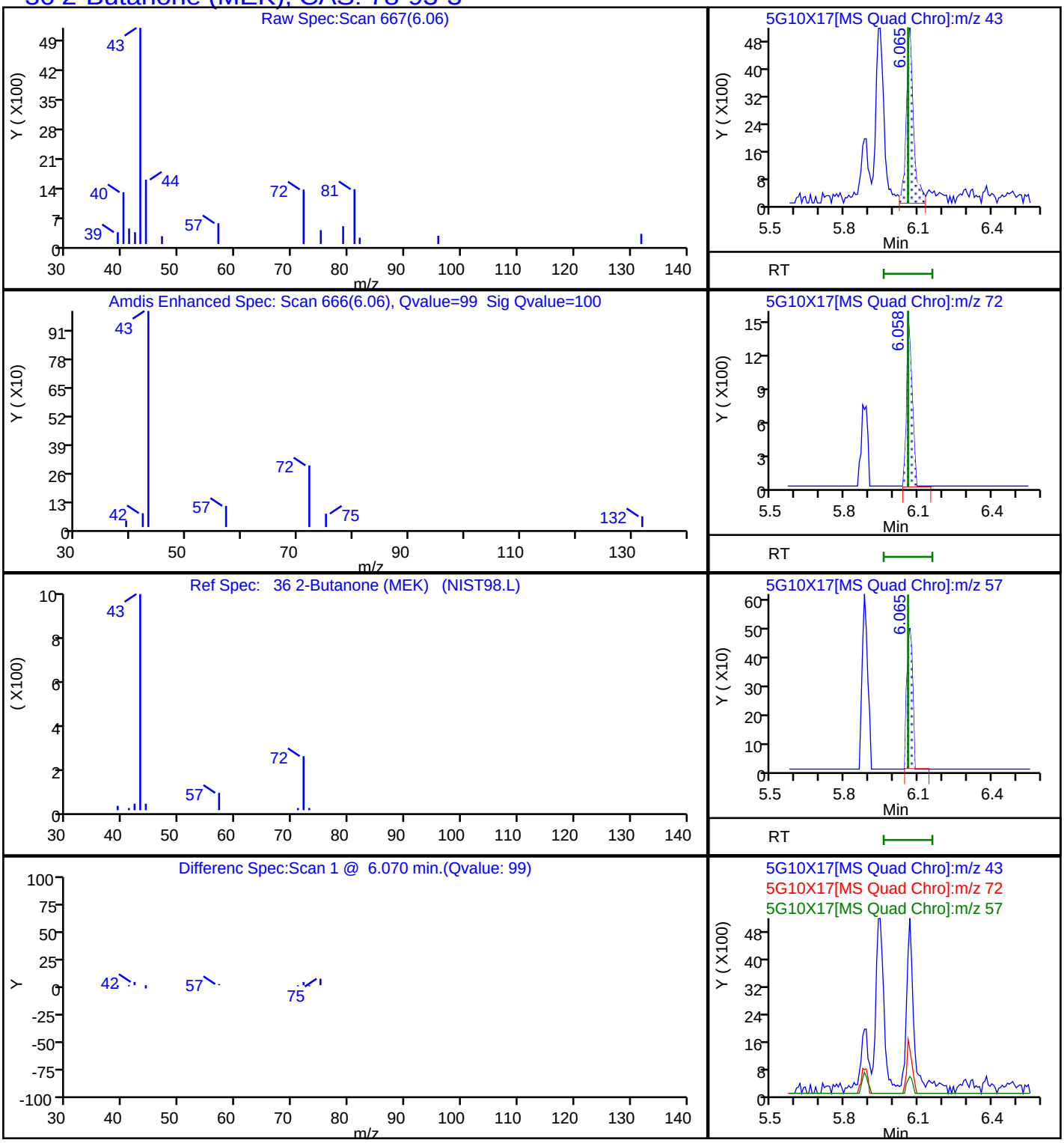


Report Date: 14-Aug-2025 14:00:31 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X17.D				
Injection Date:	11-Aug-2025 10:57:48	Instrument ID:	HP22820		
Lims ID:	410-237203-A-7	Lab Sample ID:	410-237203-7		
Client ID:	2045				
Operator ID:	al109694	ALS Bottle#:	5	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

36 2-Butanone (MEK), CAS: 78-93-3

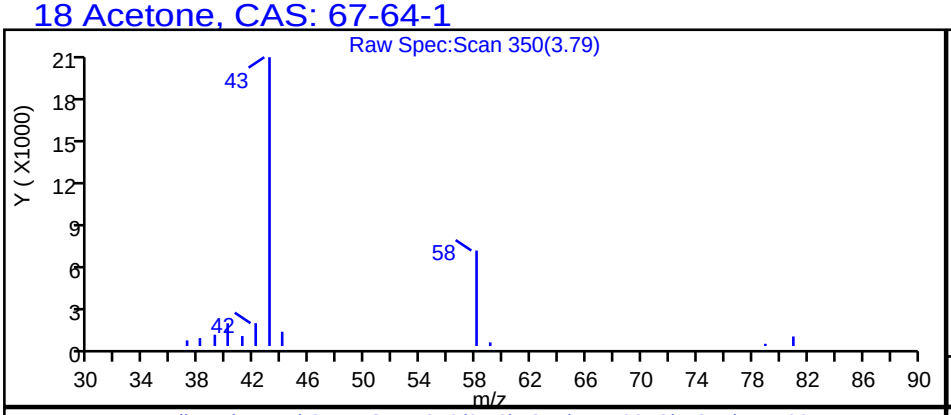


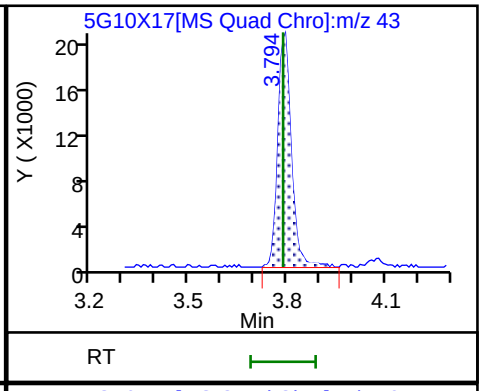
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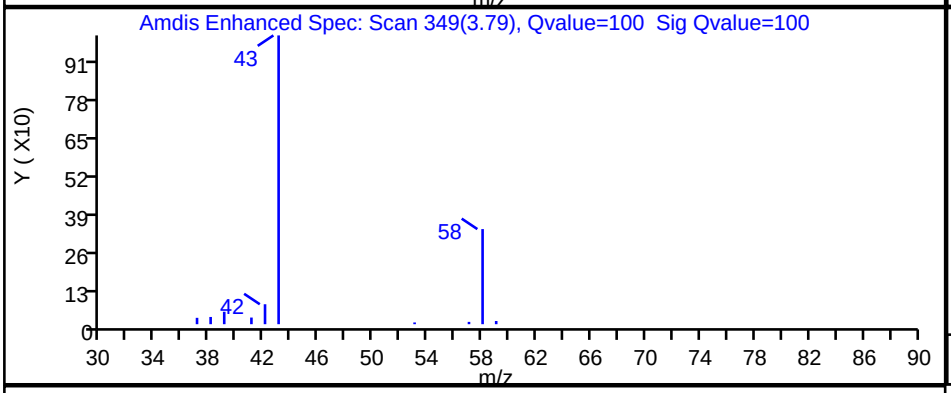
Eurofins Lancaster Laboratories Environment Testing, LLC

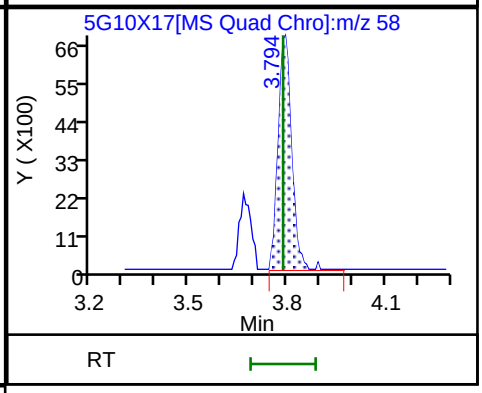
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Injection Date:	11-Aug-2025 10:57:48	Instrument ID:	HP22820		
Lims ID:	410-237203-A-7	Lab Sample ID:	410-237203-7		
Client ID:	2045				
Operator ID:	al109694	ALS Bottle#:	5	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

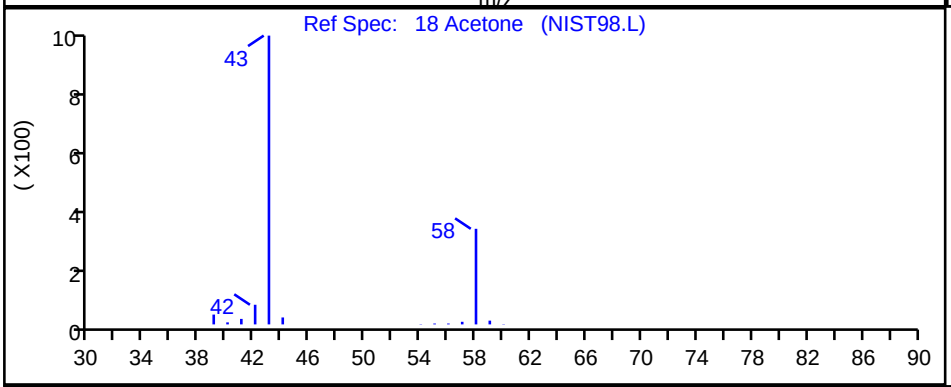
18 Acetone, CAS: 67-64-1

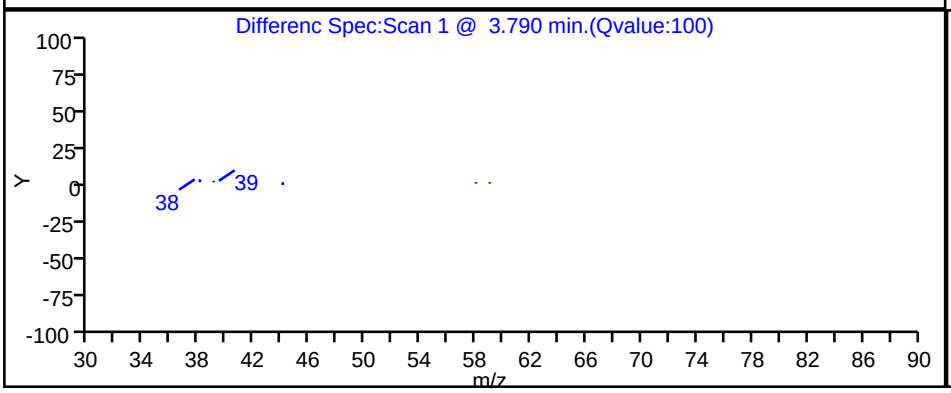


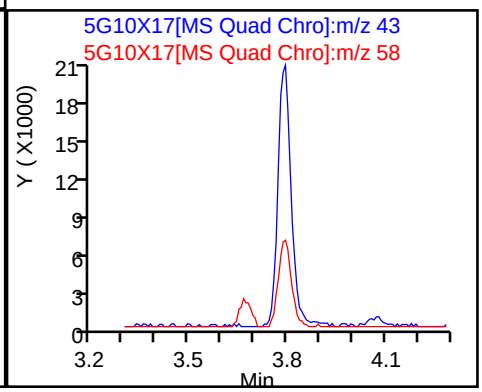












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

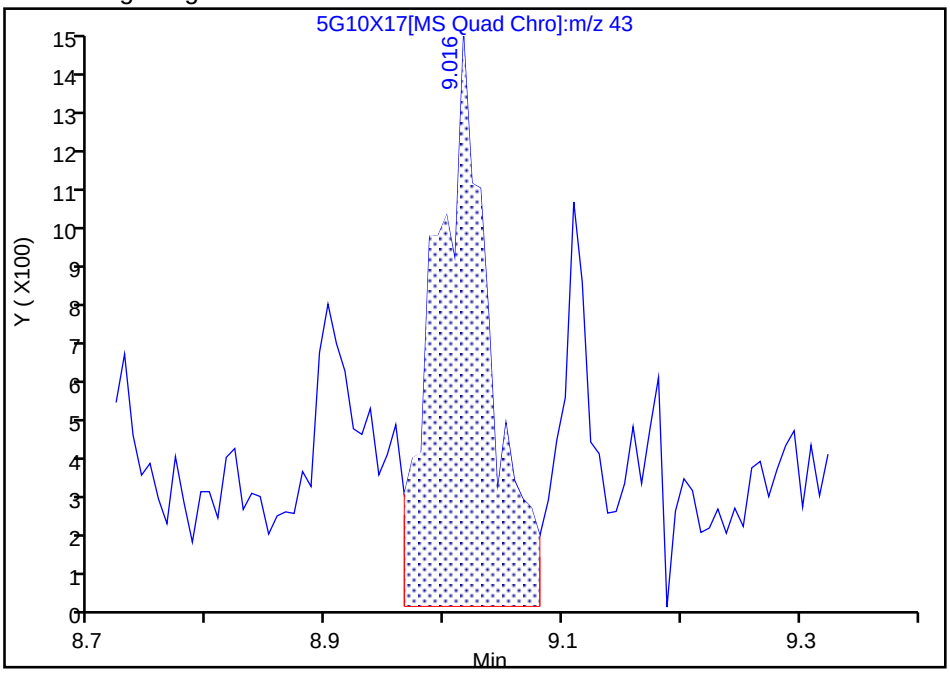
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Injection Date:	11-Aug-2025 10:57:48	Instrument ID:	HP22820		
Lims ID:	410-237203-A-7	Lab Sample ID:	410-237203-7		
Client ID:	2045				
Operator ID:	al109694	ALS Bottle#:	5	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Signal: 1

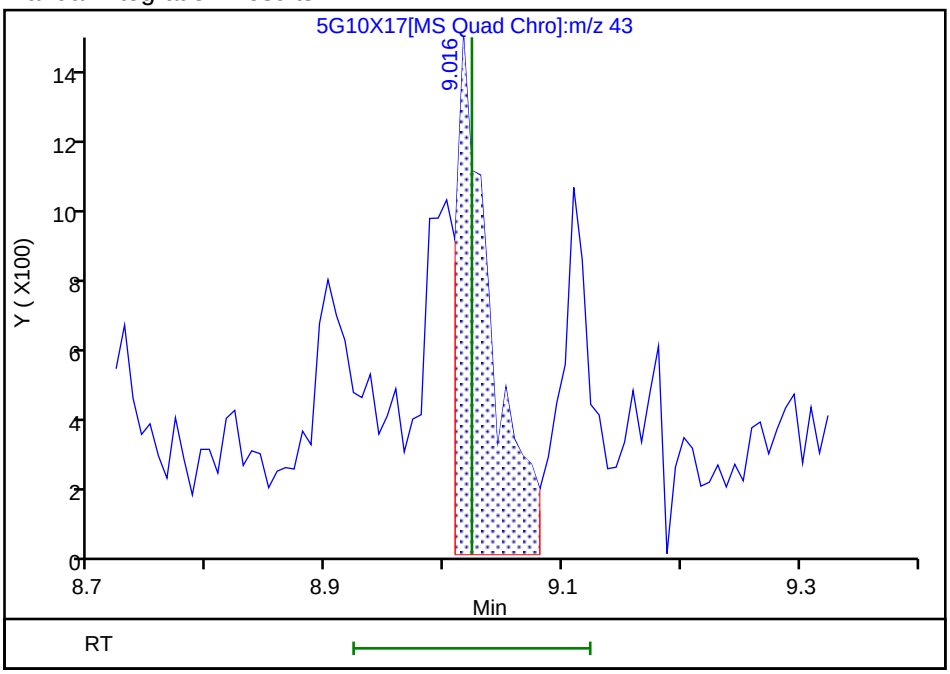
Processing Integration Results

RT: 9.02
Area: 4483
Amount: 0.111785
Amount Units: ppb v/v



Manual Integration Results

RT: 9.02
Area: 2708
Amount: 0.067525
Amount Units: ppb v/v



Reviewer: D7UM, 14-Aug-2025 12:58:00 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2135 Lab Sample ID: 410-237203-8

Matrix: Air Lab File ID: 5G10X18.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 11:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.28
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
542-75-6	1,3-Dichloropropene, Total	ND		1.0	0.10
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.8	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2135 Lab Sample ID: 410-237203-8

Matrix: Air Lab File ID: 5G10X18.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 11:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
109-66-0	Pentane	ND		1.0	0.20
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12

FORM I TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2135 Lab Sample ID: 410-237203-8

Matrix: Air Lab File ID: 5G10X18.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 11:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
637-92-3	Ethyl tert-butyl ether	ND		1.0	0.15
108-20-3	di-Isopropyl ether	ND		1.0	0.15
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
994-05-8	Tert-amyl methyl ether	ND		1.0	0.11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-237203-1

SDG No.:

Client Sample ID: 2135 Lab Sample ID: 410-237203-8

Matrix: Air Lab File ID: 5G10X18.D

Analysis Method: TO-15 Date Collected: 07/30/2025 17:49

Sample wt/vol: 200(mL) Date Analyzed: 08/11/2025 11:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 683346 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X18.D				
Lims ID:	410-237203-A-8				
Client ID:	2135				
Sample Type:	Client				
Inject. Date:	11-Aug-2025 11:22:32	ALS Bottle#:	8	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	ccN10020				
Misc. Info.:	410-0156110-018				
Operator ID:	al109694	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	14-Aug-2025 14:00:17	Calib Date:	20-Jun-2025 20:16:24		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20250620-151057.b\5U20X12.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1642				
First Level Reviewer: D7UM		Date:	14-Aug-2025 13:10:50		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.794	3.787	0.007	99	54580	1.76	
36 2-Butanone (MEK)	43	6.065	6.058	0.007	97	7302	0.1758	
* 39 Chlorobromomethane (IS)	130	6.301	6.301	0.000	94	105837	10.0	
* 51 1,4-Difluorobenzene	114	7.275	7.275	0.000	95	430075	10.0	
* 72 Chlorobenzene-d5 (IS)	117	9.611	9.539	0.072	86	475509	10.0	

QC Flag Legend

Processing Flags

Reagents:

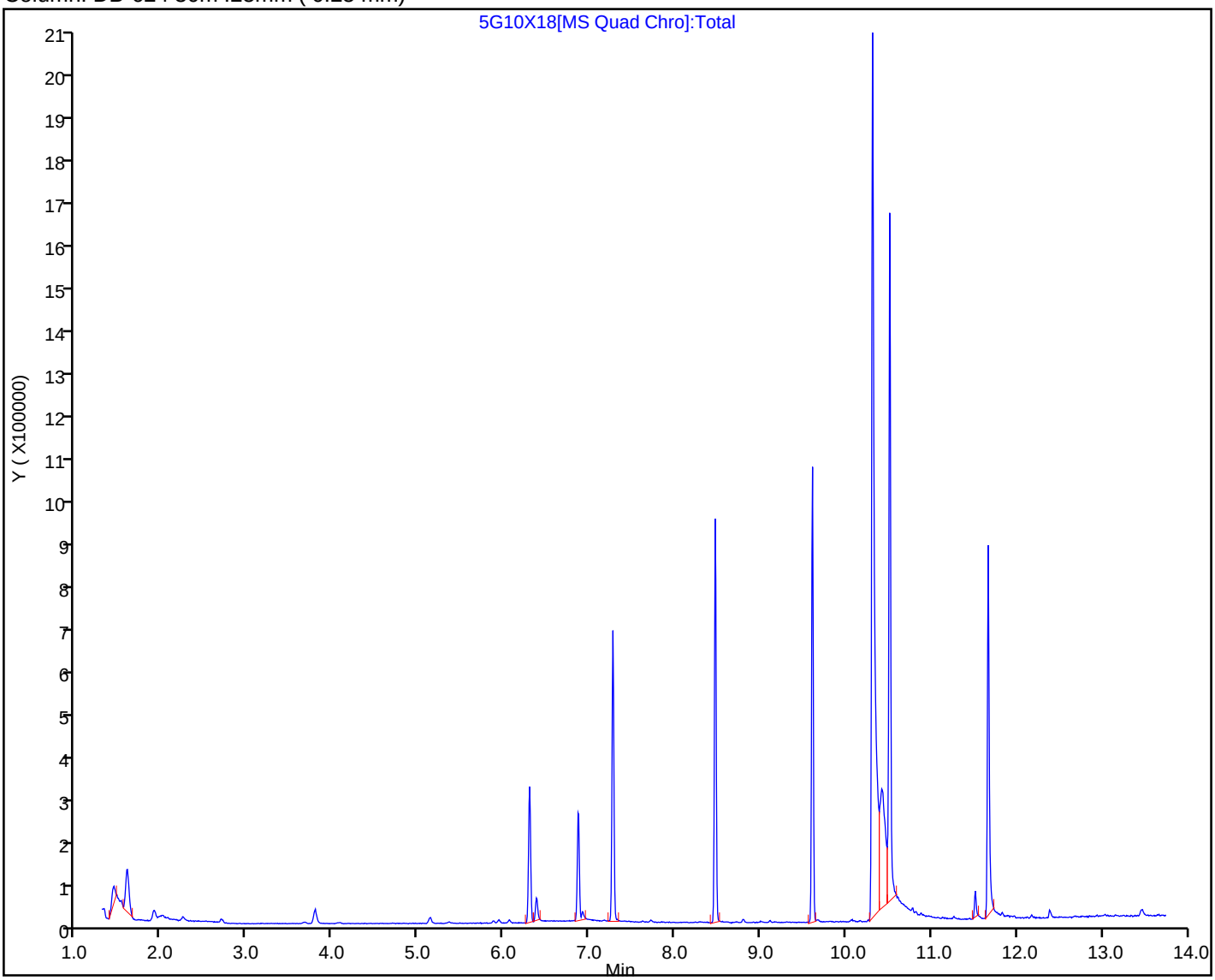
AIRIS200 ppb_00511 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 14-Aug-2025 14:00:33 Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

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Lims ID:	410-237203-A-8	Lab Sample ID:	410-237203-8		
Client ID:	2135				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)

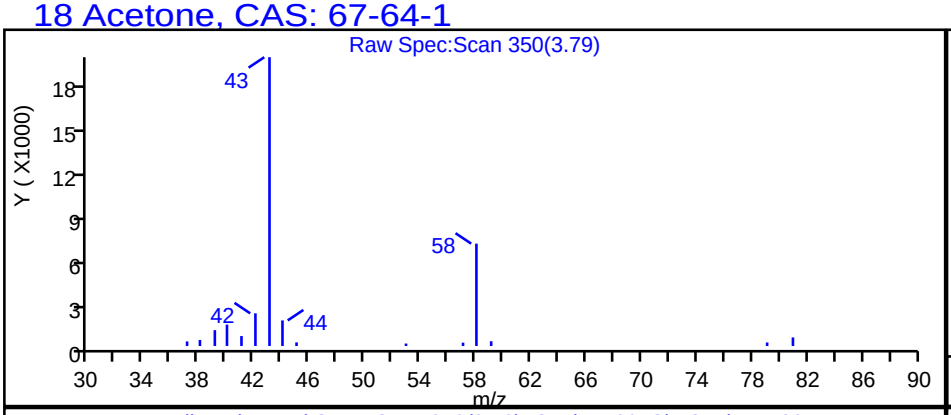


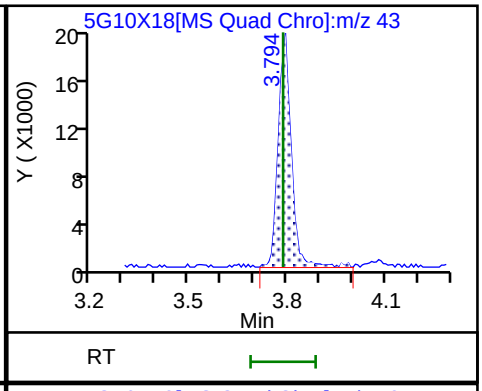
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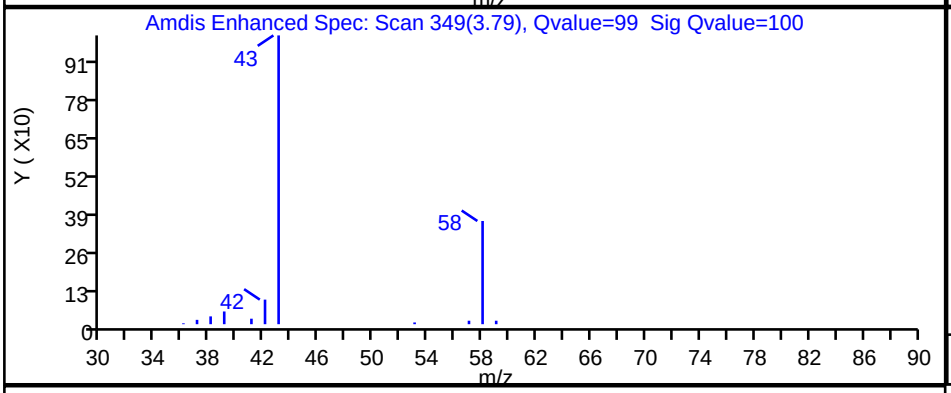
Eurofins Lancaster Laboratories Environment Testing, LLC

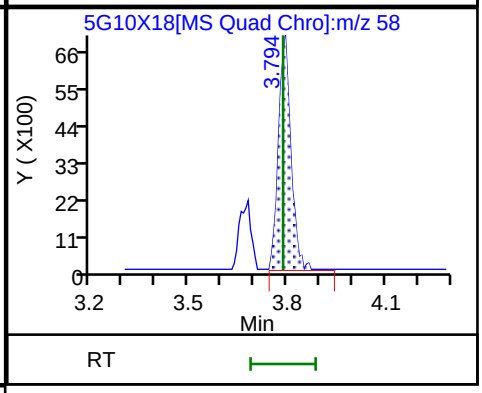
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Injection Date:	11-Aug-2025 11:22:32	Instrument ID:	HP22820		
Lims ID:	410-237203-A-8	Lab Sample ID:	410-237203-8		
Client ID:	2135				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

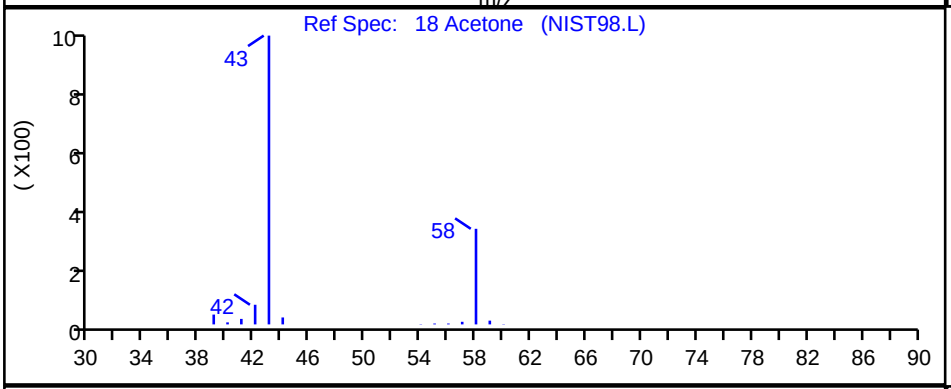
18 Acetone, CAS: 67-64-1

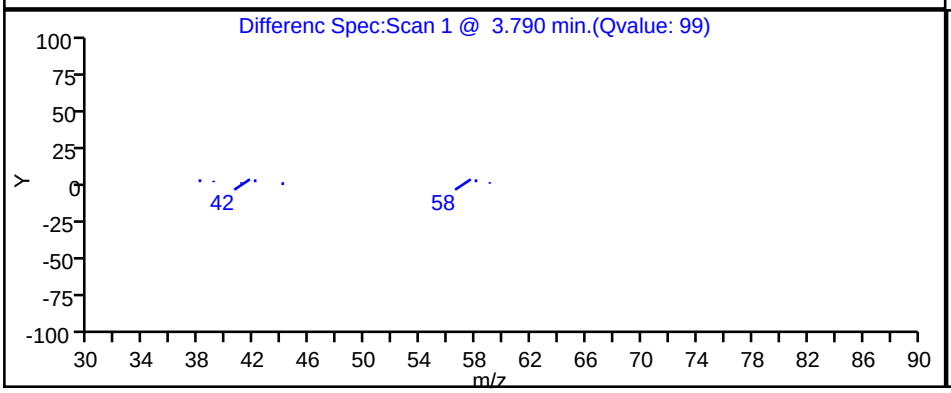


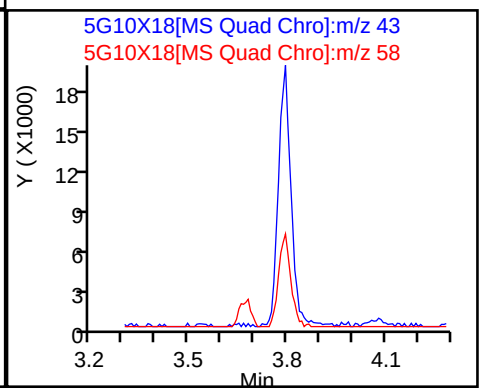












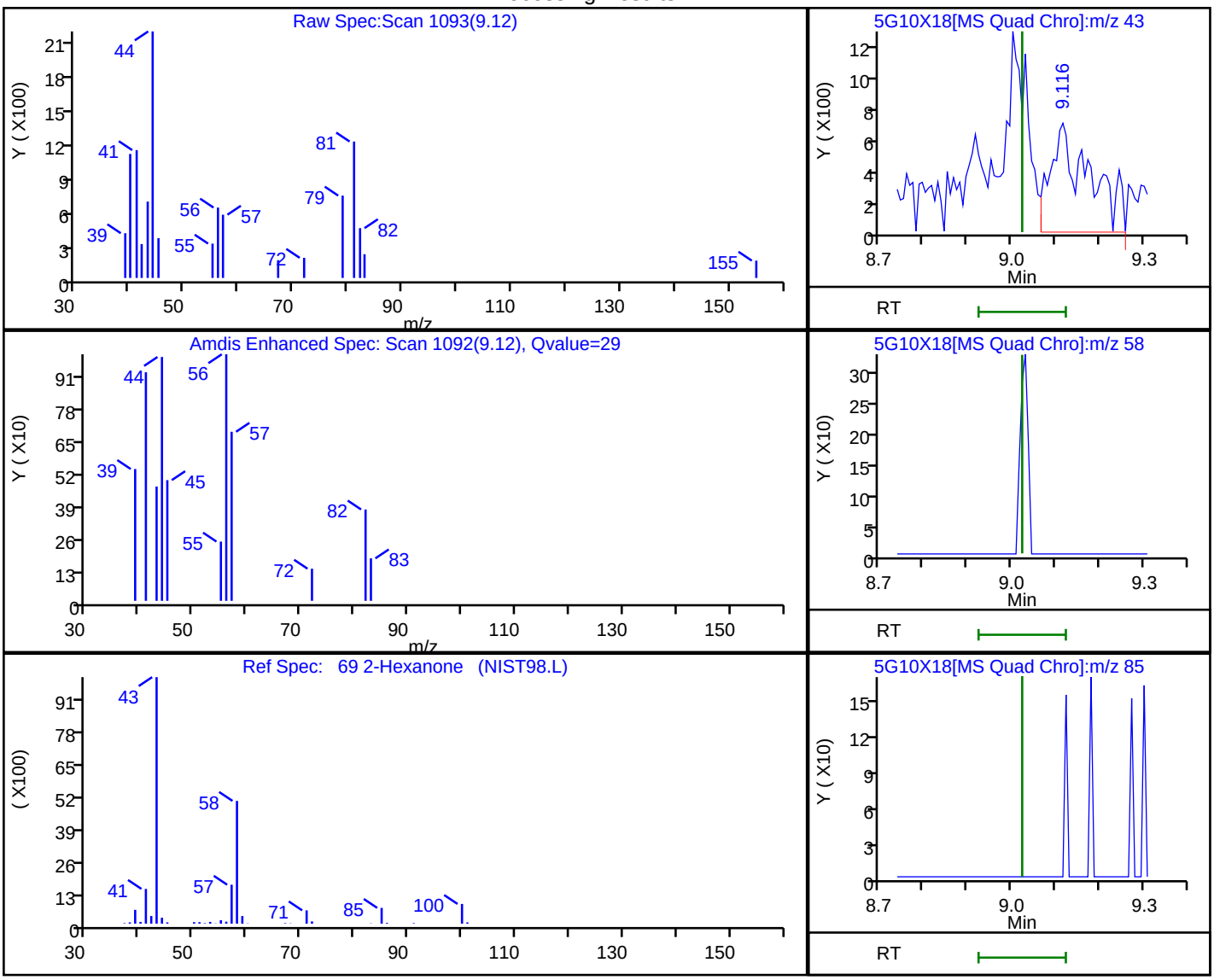
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20250810-156110.b\5G10X18.D				
Injection Date:	11-Aug-2025 11:22:32	Instrument ID:	HP22820		
Lims ID:	410-237203-A-8	Lab Sample ID:	410-237203-8		
Client ID:	2135				
Operator ID:	al109694	ALS Bottle#:	8	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

69 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
9.12	43.00	4152	0.102232
9.02	58.00	0	
9.02	85.00	0	

Reviewer: D7UM, 14-Aug-2025 12:58:49 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Natalia Barragan-Valderrama
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 12/2/2025 3:58:25 PM

JOB DESCRIPTION

EMGPRP-31097

JOB NUMBER

410-253621-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

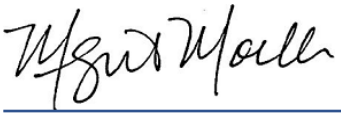
See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/2/2025 3:58:25 PM

Authorized for release by
Megan Moeller, Client Services Manager
Megan.Moeller@et.eurofinsus.com
(717)556-7261

Eurofins Lancaster Laboratories Environment Testing, LLC

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

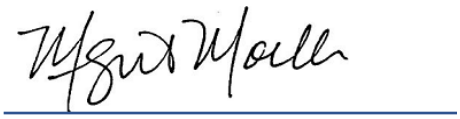


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Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-253621-1
Project/Site: EMGPRP-31097

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-253621-1	RCS-Aeration Tank Air	Air	11/18/25 08:07	11/18/25 16:40	Air Canister (6-Liter) #868
410-253621-2	RCS-Lead Carbon Effluent	Air	11/18/25 08:25	11/18/25 16:40	Air Canister (6-Liter) #1411
410-253621-3	RCS-Lag Carbon Effluent	Air	11/18/25 08:27	11/18/25 16:40	Air Canister (6-Liter) #1395
410-253621-4	RCS-Combined Influent	Air	11/18/25 08:20	11/18/25 16:40	Air Canister (6-Liter) #3339
410-253621-5	RCS-Before Carbon	Air	11/18/25 07:40	11/18/25 16:40	Air Canister (6-Liter) #4826

Job ID: 410-253621-1 — Eurofins Lancaster Laboratories Environment

Job Narrative
410-253621-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/18/2025 4:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Air - GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Aeration Tank Air — Lab Sample ID: 410-253621-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	23	J	160	14	ug/m3	40		TO-15	Total/NA
1,2,4-Trimethylbenzene	510		390	55	ug/m3	40		TO-15	Total/NA
1,2-Dichloroethane	31	J	160	13	ug/m3	40		TO-15	Total/NA
1,3,5-Trimethylbenzene	250	J	390	63	ug/m3	40		TO-15	Total/NA
4-Ethyltoluene	190	J	200	35	ug/m3	40		TO-15	Total/NA
Benzene	2300		130	14	ug/m3	40		TO-15	Total/NA
cis-1,2-Dichloroethene	290		160	32	ug/m3	40		TO-15	Total/NA
Ethylbenzene	180		170	33	ug/m3	40		TO-15	Total/NA
Heptane	910		160	38	ug/m3	40		TO-15	Total/NA
Hexane	1500		140	42	ug/m3	40		TO-15	Total/NA
m&p-Xylene	1300		170	45	ug/m3	40		TO-15	Total/NA
Cyclohexane	2900		140	28	ug/m3	40		TO-15	Total/NA
Methyl t-butyl ether	39	J	140	22	ug/m3	40		TO-15	Total/NA
o-Xylene	200		170	33	ug/m3	40		TO-15	Total/NA
Tetrachloroethene	1500		540	68	ug/m3	40		TO-15	Total/NA
Toluene	140	J	150	60	ug/m3	40		TO-15	Total/NA
Trichloroethene	510		210	39	ug/m3	40		TO-15	Total/NA
Vinyl chloride	54	J	100	12	ug/m3	40		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.7	J	40	3.6	ppb v/v	40		TO-15	Total/NA
1,2,4-Trimethylbenzene	100		80	11	ppb v/v	40		TO-15	Total/NA
1,2-Dichloroethane	7.7	J	40	3.2	ppb v/v	40		TO-15	Total/NA
1,3,5-Trimethylbenzene	52	J	80	13	ppb v/v	40		TO-15	Total/NA
4-Ethyltoluene	38	J	40	7.2	ppb v/v	40		TO-15	Total/NA
Benzene	710		40	4.4	ppb v/v	40		TO-15	Total/NA
cis-1,2-Dichloroethene	74		40	8.0	ppb v/v	40		TO-15	Total/NA
Ethylbenzene	42		40	7.6	ppb v/v	40		TO-15	Total/NA
Heptane	220		40	9.2	ppb v/v	40		TO-15	Total/NA
Hexane	420		40	12	ppb v/v	40		TO-15	Total/NA
m&p-Xylene	290		40	10	ppb v/v	40		TO-15	Total/NA
Cyclohexane	850		40	8.0	ppb v/v	40		TO-15	Total/NA
Methyl t-butyl ether	11	J	40	6.0	ppb v/v	40		TO-15	Total/NA
o-Xylene	45		40	7.6	ppb v/v	40		TO-15	Total/NA
Tetrachloroethene	210		80	10	ppb v/v	40		TO-15	Total/NA
Toluene	37	J	40	16	ppb v/v	40		TO-15	Total/NA
Trichloroethene	94		40	7.2	ppb v/v	40		TO-15	Total/NA
Vinyl chloride	21	J	40	4.8	ppb v/v	40		TO-15	Total/NA

Client Sample ID: RCS-Lead Carbon Effluent — Lab Sample ID: 410-253621-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.7	J	16	1.4	ug/m3	4		TO-15	Total/NA
1,2-Dichloroethane	14	J	16	1.3	ug/m3	4		TO-15	Total/NA
Acetone	14	J	48	9.5	ug/m3	4		TO-15	Total/NA
Benzene	96		13	1.4	ug/m3	4		TO-15	Total/NA
cis-1,2-Dichloroethene	390		16	3.2	ug/m3	4		TO-15	Total/NA
Heptane	14	J	16	3.8	ug/m3	4		TO-15	Total/NA
Hexane	79		14	4.2	ug/m3	4		TO-15	Total/NA
Cyclohexane	250		14	2.8	ug/m3	4		TO-15	Total/NA
Methyl t-butyl ether	47		14	2.2	ug/m3	4		TO-15	Total/NA
Tetrachloroethene	420		54	6.8	ug/m3	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RCS-Lead Carbon Effluent (Continued)

Lab Sample ID: 410-253621-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	190		21	3.9	ug/m3	4		TO-15	Total/NA
Vinyl chloride	6.4	J	10	1.2	ug/m3	4		TO-15	Total/NA
Propene	2.8	J	6.9	2.1	ug/m3	4		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.2	J	4.0	0.36	ppb v/v	4		TO-15	Total/NA
1,2-Dichloroethane	3.6	J	4.0	0.32	ppb v/v	4		TO-15	Total/NA
Acetone	5.8	J	20	4.0	ppb v/v	4		TO-15	Total/NA
Benzene	30		4.0	0.44	ppb v/v	4		TO-15	Total/NA
cis-1,2-Dichloroethene	98		4.0	0.80	ppb v/v	4		TO-15	Total/NA
Heptane	3.3	J	4.0	0.92	ppb v/v	4		TO-15	Total/NA
Hexane	23		4.0	1.2	ppb v/v	4		TO-15	Total/NA
Cyclohexane	73		4.0	0.80	ppb v/v	4		TO-15	Total/NA
Methyl t-butyl ether	13		4.0	0.60	ppb v/v	4		TO-15	Total/NA
Tetrachloroethene	62		8.0	1.0	ppb v/v	4		TO-15	Total/NA
Trichloroethene	36		4.0	0.72	ppb v/v	4		TO-15	Total/NA
Vinyl chloride	2.5	J	4.0	0.48	ppb v/v	4		TO-15	Total/NA
Propene	1.6	J	4.0	1.2	ppb v/v	4		TO-15	Total/NA

Client Sample ID: RCS-Lag Carbon Effluent

Lab Sample ID: 410-253621-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	1.1	J	2.9	0.62	ug/m3	1		TO-15	Total/NA
Acetone	12		12	2.4	ug/m3	1		TO-15	Total/NA
Benzene	0.82	J	3.2	0.35	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	5.1		4.0	0.79	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	3.9	J	4.9	0.64	ug/m3	1		TO-15	Total/NA
Cyclohexane	2.5	J	3.4	0.69	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.95	J	6.9	0.87	ug/m3	1		TO-15	Total/NA
Ethanol	45		9.4	3.8	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.3	J	5.6	0.84	ug/m3	1		TO-15	Total/NA
Isopropanol	5.9		2.5	1.5	ug/m3	1		TO-15	Total/NA
Propene	2.2		1.7	0.52	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	0.37	J	1.0	0.21	ppb v/v	1		TO-15	Total/NA
Acetone	5.0		5.0	1.0	ppb v/v	1		TO-15	Total/NA
Benzene	0.26	J	1.0	0.11	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.3		1.0	0.20	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane	0.78	J	1.0	0.13	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.72	J	1.0	0.20	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.27	J	2.0	0.25	ppb v/v	1		TO-15	Total/NA
Ethanol	24		5.0	2.0	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.40	J	1.0	0.15	ppb v/v	1		TO-15	Total/NA
Isopropanol	2.4		1.0	0.60	ppb v/v	1		TO-15	Total/NA
Propene	1.3		1.0	0.30	ppb v/v	1		TO-15	Total/NA

Client Sample ID: RCS-Combined Influent

Lab Sample ID: 410-253621-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.1	J	16	1.4	ug/m3	4		TO-15	Total/NA
1,2,4-Trimethylbenzene	46		39	5.5	ug/m3	4		TO-15	Total/NA
1,2-Dichloroethane	13	J	16	1.3	ug/m3	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RCS-Combined Influent (Continued)

Lab Sample ID: 410-253621-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	22	J	39	6.3	ug/m3	4		TO-15	Total/NA
4-Ethyltoluene	16	J	20	3.5	ug/m3	4		TO-15	Total/NA
Benzene	180		13	1.4	ug/m3	4		TO-15	Total/NA
cis-1,2-Dichloroethene	60		16	3.2	ug/m3	4		TO-15	Total/NA
Ethylbenzene	15	J	17	3.3	ug/m3	4		TO-15	Total/NA
Heptane	73		16	3.8	ug/m3	4		TO-15	Total/NA
Hexane	110		14	4.2	ug/m3	4		TO-15	Total/NA
m&p-Xylene	110		17	4.5	ug/m3	4		TO-15	Total/NA
Cyclohexane	220		14	2.8	ug/m3	4		TO-15	Total/NA
Methyl t-butyl ether	25		14	2.2	ug/m3	4		TO-15	Total/NA
o-Xylene	18		17	3.3	ug/m3	4		TO-15	Total/NA
Tetrachloroethene	190		54	6.8	ug/m3	4		TO-15	Total/NA
Toluene	12	J	15	6.0	ug/m3	4		TO-15	Total/NA
Trichloroethene	79		21	3.9	ug/m3	4		TO-15	Total/NA
Vinyl chloride	5.0	J	10	1.2	ug/m3	4		TO-15	Total/NA
Propene	2.6	J	6.9	2.1	ug/m3	4		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.0	J	4.0	0.36	ppb v/v	4		TO-15	Total/NA
1,2,4-Trimethylbenzene	9.4		8.0	1.1	ppb v/v	4		TO-15	Total/NA
1,2-Dichloroethane	3.1	J	4.0	0.32	ppb v/v	4		TO-15	Total/NA
1,3,5-Trimethylbenzene	4.5	J	8.0	1.3	ppb v/v	4		TO-15	Total/NA
4-Ethyltoluene	3.3	J	4.0	0.72	ppb v/v	4		TO-15	Total/NA
Benzene	57		4.0	0.44	ppb v/v	4		TO-15	Total/NA
cis-1,2-Dichloroethene	15		4.0	0.80	ppb v/v	4		TO-15	Total/NA
Ethylbenzene	3.5	J	4.0	0.76	ppb v/v	4		TO-15	Total/NA
Heptane	18		4.0	0.92	ppb v/v	4		TO-15	Total/NA
Hexane	31		4.0	1.2	ppb v/v	4		TO-15	Total/NA
m&p-Xylene	25		4.0	1.0	ppb v/v	4		TO-15	Total/NA
Cyclohexane	64		4.0	0.80	ppb v/v	4		TO-15	Total/NA
Methyl t-butyl ether	6.9		4.0	0.60	ppb v/v	4		TO-15	Total/NA
o-Xylene	4.1		4.0	0.76	ppb v/v	4		TO-15	Total/NA
Tetrachloroethene	28		8.0	1.0	ppb v/v	4		TO-15	Total/NA
Toluene	3.1	J	4.0	1.6	ppb v/v	4		TO-15	Total/NA
Trichloroethene	15		4.0	0.72	ppb v/v	4		TO-15	Total/NA
Vinyl chloride	2.0	J	4.0	0.48	ppb v/v	4		TO-15	Total/NA
Propene	1.5	J	4.0	1.2	ppb v/v	4		TO-15	Total/NA

Client Sample ID: RCS-Before Carbon

Lab Sample ID: 410-253621-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3	J	16	1.4	ug/m3	4		TO-15	Total/NA
1,2,4-Trimethylbenzene	43		39	5.5	ug/m3	4		TO-15	Total/NA
1,2-Dichloroethane	13	J	16	1.3	ug/m3	4		TO-15	Total/NA
1,3,5-Trimethylbenzene	21	J	39	6.3	ug/m3	4		TO-15	Total/NA
4-Ethyltoluene	15	J	20	3.5	ug/m3	4		TO-15	Total/NA
Acetone	11	J	48	9.5	ug/m3	4		TO-15	Total/NA
Benzene	180		13	1.4	ug/m3	4		TO-15	Total/NA
cis-1,2-Dichloroethene	63		16	3.2	ug/m3	4		TO-15	Total/NA
Ethylbenzene	14	J	17	3.3	ug/m3	4		TO-15	Total/NA
Heptane	74		16	3.8	ug/m3	4		TO-15	Total/NA
Hexane	110		14	4.2	ug/m3	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RCS-Before Carbon (Continued)

Lab Sample ID: 410-253621-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m&p-Xylene	100		17	4.5	ug/m3	4		TO-15	Total/NA
Cyclohexane	230		14	2.8	ug/m3	4		TO-15	Total/NA
Methyl t-butyl ether	26		14	2.2	ug/m3	4		TO-15	Total/NA
o-Xylene	17		17	3.3	ug/m3	4		TO-15	Total/NA
Tetrachloroethene	190		54	6.8	ug/m3	4		TO-15	Total/NA
Toluene	12	J	15	6.0	ug/m3	4		TO-15	Total/NA
Trichloroethene	81		21	3.9	ug/m3	4		TO-15	Total/NA
Vinyl chloride	5.5	J	10	1.2	ug/m3	4		TO-15	Total/NA
Propene	2.8	J	6.9	2.1	ug/m3	4		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.1	J	4.0	0.36	ppb v/v	4		TO-15	Total/NA
1,2,4-Trimethylbenzene	8.7		8.0	1.1	ppb v/v	4		TO-15	Total/NA
1,2-Dichloroethane	3.3	J	4.0	0.32	ppb v/v	4		TO-15	Total/NA
1,3,5-Trimethylbenzene	4.3	J	8.0	1.3	ppb v/v	4		TO-15	Total/NA
4-Ethyltoluene	3.1	J	4.0	0.72	ppb v/v	4		TO-15	Total/NA
Acetone	4.8	J	20	4.0	ppb v/v	4		TO-15	Total/NA
Benzene	57		4.0	0.44	ppb v/v	4		TO-15	Total/NA
cis-1,2-Dichloroethene	16		4.0	0.80	ppb v/v	4		TO-15	Total/NA
Ethylbenzene	3.3	J	4.0	0.76	ppb v/v	4		TO-15	Total/NA
Heptane	18		4.0	0.92	ppb v/v	4		TO-15	Total/NA
Hexane	32		4.0	1.2	ppb v/v	4		TO-15	Total/NA
m&p-Xylene	23		4.0	1.0	ppb v/v	4		TO-15	Total/NA
Cyclohexane	68		4.0	0.80	ppb v/v	4		TO-15	Total/NA
Methyl t-butyl ether	7.3		4.0	0.60	ppb v/v	4		TO-15	Total/NA
o-Xylene	4.0		4.0	0.76	ppb v/v	4		TO-15	Total/NA
Tetrachloroethene	29		8.0	1.0	ppb v/v	4		TO-15	Total/NA
Toluene	3.1	J	4.0	1.6	ppb v/v	4		TO-15	Total/NA
Trichloroethene	15		4.0	0.72	ppb v/v	4		TO-15	Total/NA
Vinyl chloride	2.1	J	4.0	0.48	ppb v/v	4		TO-15	Total/NA
Propene	1.6	J	4.0	1.2	ppb v/v	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Aeration Tank Air
Date Collected: 11/18/25 08:07
Date Received: 11/18/25 16:40
Sample Time: 0 Min

Lab Sample ID: 410-253621-1
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		220	26	ug/m3			11/24/25 21:26	40
1,1,2,2-Tetrachloroethane	ND		270	41	ug/m3			11/24/25 21:26	40
1,1,2-Trichloroethane	ND		220	26	ug/m3			11/24/25 21:26	40
1,1-Dichloroethane	**23**	**J**	160	14	ug/m3			11/24/25 21:26	40
1,1-Dichloroethene	ND		160	22	ug/m3			11/24/25 21:26	40
1,2,4-Trichlorobenzene	ND		590	150	ug/m3			11/24/25 21:26	40
1,2,4-Trimethylbenzene	**510**		390	55	ug/m3			11/24/25 21:26	40
1,2-Dibromoethane	ND		310	40	ug/m3			11/24/25 21:26	40
1,2-Dichlorobenzene	ND		240	48	ug/m3			11/24/25 21:26	40
1,2-Dichloroethane	**31**	**J**	160	13	ug/m3			11/24/25 21:26	40
1,2-Dichloropropane	ND		180	24	ug/m3			11/24/25 21:26	40
1,3,5-Trimethylbenzene	**250**	**J**	390	63	ug/m3			11/24/25 21:26	40
1,3-Butadiene	ND		88	15	ug/m3			11/24/25 21:26	40
1,3-Dichlorobenzene	ND		240	72	ug/m3			11/24/25 21:26	40
1,4-Dichlorobenzene	ND		240	72	ug/m3			11/24/25 21:26	40
2-Butanone	ND		120	25	ug/m3			11/24/25 21:26	40
2-Hexanone	ND		330	82	ug/m3			11/24/25 21:26	40
3-Chloroprene	ND		130	25	ug/m3			11/24/25 21:26	40
4-Ethyltoluene	**190**	**J**	200	35	ug/m3			11/24/25 21:26	40
1,4-Dioxane	ND		140	25	ug/m3			11/24/25 21:26	40
4-Methyl-2-pentanone	ND		160	25	ug/m3			11/24/25 21:26	40
Acetone	ND		480	95	ug/m3			11/24/25 21:26	40
2-Chlorotoluene	ND		210	46	ug/m3			11/24/25 21:26	40
Benzene	**2300**		130	14	ug/m3			11/24/25 21:26	40
Bromodichloromethane	ND		270	110	ug/m3			11/24/25 21:26	40
Bromoform	ND		410	170	ug/m3			11/24/25 21:26	40
Bromomethane	ND		160	31	ug/m3			11/24/25 21:26	40
Carbon disulfide	ND		120	50	ug/m3			11/24/25 21:26	40
Carbon tetrachloride	ND		250	35	ug/m3			11/24/25 21:26	40
Chlorobenzene	ND		180	24	ug/m3			11/24/25 21:26	40
Chloroethane	ND		110	32	ug/m3			11/24/25 21:26	40
Chloroform	ND		200	18	ug/m3			11/24/25 21:26	40
Benzyl chloride	ND		410	62	ug/m3			11/24/25 21:26	40
Chloromethane	ND		83	33	ug/m3			11/24/25 21:26	40
cis-1,2-Dichloroethene	**290**		160	32	ug/m3			11/24/25 21:26	40
cis-1,3-Dichloropropene	ND		180	18	ug/m3			11/24/25 21:26	40
Bromoethene	ND		170	31	ug/m3			11/24/25 21:26	40
Dibromochloromethane	ND		340	140	ug/m3			11/24/25 21:26	40
Dichlorodifluoromethane	ND		200	26	ug/m3			11/24/25 21:26	40
Ethylbenzene	**180**		170	33	ug/m3			11/24/25 21:26	40
Freon 113	ND		310	61	ug/m3			11/24/25 21:26	40
Freon-114	ND		280	34	ug/m3			11/24/25 21:26	40
Heptane	**910**		160	38	ug/m3			11/24/25 21:26	40
Hexane	**1500**		140	42	ug/m3			11/24/25 21:26	40
Isooctane	ND		190	75	ug/m3			11/24/25 21:26	40
m&p-Xylene	**1300**		170	45	ug/m3			11/24/25 21:26	40
Cyclohexane	**2900**		140	28	ug/m3			11/24/25 21:26	40
Methyl t-butyl ether	**39**	**J**	140	22	ug/m3			11/24/25 21:26	40

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Aeration Tank Air
Date Collected: 11/18/25 08:07
Date Received: 11/18/25 16:40
Sample Time: 0 Min

Lab Sample ID: 410-253621-1
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		280	35	ug/m3			11/24/25 21:26	40
o-Xylene	**200**		170	33	ug/m3			11/24/25 21:26	40
Styrene	ND		170	34	ug/m3			11/24/25 21:26	40
Ethanol	ND		380	150	ug/m3			11/24/25 21:26	40
Tetrachloroethene	**1500**		540	68	ug/m3			11/24/25 21:26	40
Ethyl acetate	ND		290	36	ug/m3			11/24/25 21:26	40
Toluene	**140**	**J**	150	60	ug/m3			11/24/25 21:26	40
trans-1,2-Dichloroethene	ND		160	32	ug/m3			11/24/25 21:26	40
trans-1,3-Dichloropropene	ND		180	22	ug/m3			11/24/25 21:26	40
Trichloroethene	**510**		210	39	ug/m3			11/24/25 21:26	40
Trichlorofluoromethane	ND		220	34	ug/m3			11/24/25 21:26	40
Vinyl chloride	**54**	**J**	100	12	ug/m3			11/24/25 21:26	40
Hexachlorobutadiene	ND		850	200	ug/m3			11/24/25 21:26	40
Isopropanol	ND		98	59	ug/m3			11/24/25 21:26	40
Methyl methacrylate	ND		160	25	ug/m3			11/24/25 21:26	40
Propene	ND		69	21	ug/m3			11/24/25 21:26	40
tert-Butyl alcohol	ND		120	25	ug/m3			11/24/25 21:26	40
Tetrahydrofuran	ND		120	28	ug/m3			11/24/25 21:26	40
Vinyl acetate	ND		140	23	ug/m3			11/24/25 21:26	40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	4.8	ppb v/v			11/24/25 21:26	40
1,1,2,2-Tetrachloroethane	ND		40	6.0	ppb v/v			11/24/25 21:26	40
1,1,2-Trichloroethane	ND		40	4.8	ppb v/v			11/24/25 21:26	40
1,1-Dichloroethane	**5.7**	**J**	40	3.6	ppb v/v			11/24/25 21:26	40
1,1-Dichloroethene	ND		40	5.6	ppb v/v			11/24/25 21:26	40
1,2,4-Trichlorobenzene	ND		80	20	ppb v/v			11/24/25 21:26	40
1,2,4-Trimethylbenzene	**100**		80	11	ppb v/v			11/24/25 21:26	40
1,2-Dibromoethane	ND		40	5.2	ppb v/v			11/24/25 21:26	40
1,2-Dichlorobenzene	ND		40	8.0	ppb v/v			11/24/25 21:26	40
1,2-Dichloroethane	**7.7**	**J**	40	3.2	ppb v/v			11/24/25 21:26	40
1,2-Dichloropropane	ND		40	5.2	ppb v/v			11/24/25 21:26	40
1,3,5-Trimethylbenzene	**52**	**J**	80	13	ppb v/v			11/24/25 21:26	40
1,3-Butadiene	ND		40	6.8	ppb v/v			11/24/25 21:26	40
1,3-Dichlorobenzene	ND		40	12	ppb v/v			11/24/25 21:26	40
1,4-Dichlorobenzene	ND		40	12	ppb v/v			11/24/25 21:26	40
2-Butanone	ND		40	8.4	ppb v/v			11/24/25 21:26	40
2-Hexanone	ND		80	20	ppb v/v			11/24/25 21:26	40
3-Chloroprene	ND		40	8.0	ppb v/v			11/24/25 21:26	40
4-Ethyltoluene	**38**	**J**	40	7.2	ppb v/v			11/24/25 21:26	40
1,4-Dioxane	ND		40	6.8	ppb v/v			11/24/25 21:26	40
4-Methyl-2-pentanone	ND		40	6.0	ppb v/v			11/24/25 21:26	40
Acetone	ND		200	40	ppb v/v			11/24/25 21:26	40
2-Chlorotoluene	ND		40	8.8	ppb v/v			11/24/25 21:26	40
Benzene	**710**		40	4.4	ppb v/v			11/24/25 21:26	40
Bromodichloromethane	ND		40	16	ppb v/v			11/24/25 21:26	40
Bromoform	ND		40	16	ppb v/v			11/24/25 21:26	40
Bromomethane	ND		40	8.0	ppb v/v			11/24/25 21:26	40
Carbon disulfide	ND		40	16	ppb v/v			11/24/25 21:26	40

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Aeration Tank Air
Date Collected: 11/18/25 08:07
Date Received: 11/18/25 16:40
Sample Time: 0 Min

Lab Sample ID: 410-253621-1
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		40	5.6	ppb v/v			11/24/25 21:26	40
Chlorobenzene	ND		40	5.2	ppb v/v			11/24/25 21:26	40
Chloroethane	ND		40	12	ppb v/v			11/24/25 21:26	40
Chloroform	ND		40	3.7	ppb v/v			11/24/25 21:26	40
Benzyl chloride	ND		80	12	ppb v/v			11/24/25 21:26	40
Chloromethane	ND		40	16	ppb v/v			11/24/25 21:26	40
cis-1,2-Dichloroethene	**74**		40	8.0	ppb v/v			11/24/25 21:26	40
cis-1,3-Dichloropropene	ND		40	4.0	ppb v/v			11/24/25 21:26	40
Bromoethene	ND		40	7.2	ppb v/v			11/24/25 21:26	40
Dibromochloromethane	ND		40	16	ppb v/v			11/24/25 21:26	40
Dichlorodifluoromethane	ND		40	5.2	ppb v/v			11/24/25 21:26	40
Ethylbenzene	**42**		40	7.6	ppb v/v			11/24/25 21:26	40
Freon 113	ND		40	8.0	ppb v/v			11/24/25 21:26	40
Freon-114	ND		40	4.8	ppb v/v			11/24/25 21:26	40
Heptane	**220**		40	9.2	ppb v/v			11/24/25 21:26	40
Hexane	**420**		40	12	ppb v/v			11/24/25 21:26	40
Isooctane	ND		40	16	ppb v/v			11/24/25 21:26	40
m&p-Xylene	**290**		40	10	ppb v/v			11/24/25 21:26	40
Cyclohexane	**850**		40	8.0	ppb v/v			11/24/25 21:26	40
Methyl t-butyl ether	**11**	**J**	40	6.0	ppb v/v			11/24/25 21:26	40
Methylene Chloride	ND		80	10	ppb v/v			11/24/25 21:26	40
o-Xylene	**45**		40	7.6	ppb v/v			11/24/25 21:26	40
Styrene	ND		40	8.0	ppb v/v			11/24/25 21:26	40
Ethanol	ND		200	80	ppb v/v			11/24/25 21:26	40
Tetrachloroethene	**210**		80	10	ppb v/v			11/24/25 21:26	40
Ethyl acetate	ND		80	10	ppb v/v			11/24/25 21:26	40
Toluene	**37**	**J**	40	16	ppb v/v			11/24/25 21:26	40
trans-1,2-Dichloroethene	ND		40	8.0	ppb v/v			11/24/25 21:26	40
trans-1,3-Dichloropropene	ND		40	4.8	ppb v/v			11/24/25 21:26	40
Trichloroethene	**94**		40	7.2	ppb v/v			11/24/25 21:26	40
Trichlorofluoromethane	ND		40	6.0	ppb v/v			11/24/25 21:26	40
Vinyl chloride	**21**	**J**	40	4.8	ppb v/v			11/24/25 21:26	40
Hexachlorobutadiene	ND		80	19	ppb v/v			11/24/25 21:26	40
Isopropanol	ND		40	24	ppb v/v			11/24/25 21:26	40
Methyl methacrylate	ND		40	6.0	ppb v/v			11/24/25 21:26	40
Propene	ND		40	12	ppb v/v			11/24/25 21:26	40
tert-Butyl alcohol	ND		40	8.4	ppb v/v			11/24/25 21:26	40
Tetrahydrofuran	ND		40	9.6	ppb v/v			11/24/25 21:26	40
Vinyl acetate	ND		40	6.4	ppb v/v			11/24/25 21:26	40

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Lead Carbon Effluent
Lab Sample ID: 410-253621-2
Date Collected: 11/18/25 08:25
Matrix: Air
Date Received: 11/18/25 16:40
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		22	2.6	ug/m3			11/25/25 11:14	4
1,1,2,2-Tetrachloroethane	ND		27	4.1	ug/m3			11/25/25 11:14	4
1,1,2-Trichloroethane	ND		22	2.6	ug/m3			11/25/25 11:14	4
1,1-Dichloroethane	**4.7**	**J**	16	1.4	ug/m3			11/25/25 11:14	4
1,1-Dichloroethene	ND		16	2.2	ug/m3			11/25/25 11:14	4
1,2,4-Trichlorobenzene	ND		59	15	ug/m3			11/25/25 11:14	4
1,2,4-Trimethylbenzene	ND		39	5.5	ug/m3			11/25/25 11:14	4
1,2-Dibromoethane	ND		31	4.0	ug/m3			11/25/25 11:14	4
1,2-Dichlorobenzene	ND		24	4.8	ug/m3			11/25/25 11:14	4
1,2-Dichloroethane	**14**	**J**	16	1.3	ug/m3			11/25/25 11:14	4
1,2-Dichloropropane	ND		18	2.4	ug/m3			11/25/25 11:14	4
1,3,5-Trimethylbenzene	ND		39	6.3	ug/m3			11/25/25 11:14	4
1,3-Butadiene	ND		8.8	1.5	ug/m3			11/25/25 11:14	4
1,3-Dichlorobenzene	ND		24	7.2	ug/m3			11/25/25 11:14	4
1,4-Dichlorobenzene	ND		24	7.2	ug/m3			11/25/25 11:14	4
2-Butanone	ND		12	2.5	ug/m3			11/25/25 11:14	4
2-Hexanone	ND		33	8.2	ug/m3			11/25/25 11:14	4
3-Chloroprene	ND		13	2.5	ug/m3			11/25/25 11:14	4
4-Ethyltoluene	ND		20	3.5	ug/m3			11/25/25 11:14	4
1,4-Dioxane	ND		14	2.5	ug/m3			11/25/25 11:14	4
4-Methyl-2-pentanone	ND		16	2.5	ug/m3			11/25/25 11:14	4
Acetone	**14**	**J**	48	9.5	ug/m3			11/25/25 11:14	4
2-Chlorotoluene	ND		21	4.6	ug/m3			11/25/25 11:14	4
Benzene	**96**		13	1.4	ug/m3			11/25/25 11:14	4
Bromodichloromethane	ND		27	11	ug/m3			11/25/25 11:14	4
Bromoform	ND		41	17	ug/m3			11/25/25 11:14	4
Bromomethane	ND		16	3.1	ug/m3			11/25/25 11:14	4
Carbon disulfide	ND		12	5.0	ug/m3			11/25/25 11:14	4
Carbon tetrachloride	ND		25	3.5	ug/m3			11/25/25 11:14	4
Chlorobenzene	ND		18	2.4	ug/m3			11/25/25 11:14	4
Chloroethane	ND		11	3.2	ug/m3			11/25/25 11:14	4
Chloroform	ND		20	1.8	ug/m3			11/25/25 11:14	4
Benzyl chloride	ND		41	6.2	ug/m3			11/25/25 11:14	4
Chloromethane	ND		8.3	3.3	ug/m3			11/25/25 11:14	4
cis-1,2-Dichloroethene	**390**		16	3.2	ug/m3			11/25/25 11:14	4
cis-1,3-Dichloropropene	ND		18	1.8	ug/m3			11/25/25 11:14	4
Bromoethene	ND		17	3.1	ug/m3			11/25/25 11:14	4
Dibromochloromethane	ND		34	14	ug/m3			11/25/25 11:14	4
Dichlorodifluoromethane	ND		20	2.6	ug/m3			11/25/25 11:14	4
Ethylbenzene	ND		17	3.3	ug/m3			11/25/25 11:14	4
Freon 113	ND		31	6.1	ug/m3			11/25/25 11:14	4
Freon-114	ND		28	3.4	ug/m3			11/25/25 11:14	4
Heptane	**14**	**J**	16	3.8	ug/m3			11/25/25 11:14	4
Hexane	**79**		14	4.2	ug/m3			11/25/25 11:14	4
Isooctane	ND		19	7.5	ug/m3			11/25/25 11:14	4
m&p-Xylene	ND		17	4.5	ug/m3			11/25/25 11:14	4
Cyclohexane	**250**		14	2.8	ug/m3			11/25/25 11:14	4
Methyl t-butyl ether	**47**		14	2.2	ug/m3			11/25/25 11:14	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Lead Carbon Effluent
Lab Sample ID: 410-253621-2
Date Collected: 11/18/25 08:25
Matrix: Air
Date Received: 11/18/25 16:40
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		28	3.5	ug/m3			11/25/25 11:14	4
o-Xylene	ND		17	3.3	ug/m3			11/25/25 11:14	4
Styrene	ND		17	3.4	ug/m3			11/25/25 11:14	4
Ethanol	ND		38	15	ug/m3			11/25/25 11:14	4
Tetrachloroethene	**420**		54	6.8	ug/m3			11/25/25 11:14	4
Ethyl acetate	ND		29	3.6	ug/m3			11/25/25 11:14	4
Toluene	ND		15	6.0	ug/m3			11/25/25 11:14	4
trans-1,2-Dichloroethene	ND		16	3.2	ug/m3			11/25/25 11:14	4
trans-1,3-Dichloropropene	ND		18	2.2	ug/m3			11/25/25 11:14	4
Trichloroethene	**190**		21	3.9	ug/m3			11/25/25 11:14	4
Trichlorofluoromethane	ND		22	3.4	ug/m3			11/25/25 11:14	4
Vinyl chloride	**6.4**	**J**	10	1.2	ug/m3			11/25/25 11:14	4
Hexachlorobutadiene	ND		85	20	ug/m3			11/25/25 11:14	4
Isopropanol	ND		9.8	5.9	ug/m3			11/25/25 11:14	4
Methyl methacrylate	ND		16	2.5	ug/m3			11/25/25 11:14	4
Propene	**2.8**	**J**	6.9	2.1	ug/m3			11/25/25 11:14	4
tert-Butyl alcohol	ND		12	2.5	ug/m3			11/25/25 11:14	4
Tetrahydrofuran	ND		12	2.8	ug/m3			11/25/25 11:14	4
Vinyl acetate	ND		14	2.3	ug/m3			11/25/25 11:14	4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	0.48	ppb v/v			11/25/25 11:14	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.60	ppb v/v			11/25/25 11:14	4
1,1,2-Trichloroethane	ND		4.0	0.48	ppb v/v			11/25/25 11:14	4
1,1-Dichloroethane	**1.2**	**J**	4.0	0.36	ppb v/v			11/25/25 11:14	4
1,1-Dichloroethene	ND		4.0	0.56	ppb v/v			11/25/25 11:14	4
1,2,4-Trichlorobenzene	ND		8.0	2.0	ppb v/v			11/25/25 11:14	4
1,2,4-Trimethylbenzene	ND		8.0	1.1	ppb v/v			11/25/25 11:14	4
1,2-Dibromoethane	ND		4.0	0.52	ppb v/v			11/25/25 11:14	4
1,2-Dichlorobenzene	ND		4.0	0.80	ppb v/v			11/25/25 11:14	4
1,2-Dichloroethane	**3.6**	**J**	4.0	0.32	ppb v/v			11/25/25 11:14	4
1,2-Dichloropropane	ND		4.0	0.52	ppb v/v			11/25/25 11:14	4
1,3,5-Trimethylbenzene	ND		8.0	1.3	ppb v/v			11/25/25 11:14	4
1,3-Butadiene	ND		4.0	0.68	ppb v/v			11/25/25 11:14	4
1,3-Dichlorobenzene	ND		4.0	1.2	ppb v/v			11/25/25 11:14	4
1,4-Dichlorobenzene	ND		4.0	1.2	ppb v/v			11/25/25 11:14	4
2-Butanone	ND		4.0	0.84	ppb v/v			11/25/25 11:14	4
2-Hexanone	ND		8.0	2.0	ppb v/v			11/25/25 11:14	4
3-Chloroprene	ND		4.0	0.80	ppb v/v			11/25/25 11:14	4
4-Ethyltoluene	ND		4.0	0.72	ppb v/v			11/25/25 11:14	4
1,4-Dioxane	ND		4.0	0.68	ppb v/v			11/25/25 11:14	4
4-Methyl-2-pentanone	ND		4.0	0.60	ppb v/v			11/25/25 11:14	4
Acetone	**5.8**	**J**	20	4.0	ppb v/v			11/25/25 11:14	4
2-Chlorotoluene	ND		4.0	0.88	ppb v/v			11/25/25 11:14	4
Benzene	**30**		4.0	0.44	ppb v/v			11/25/25 11:14	4
Bromodichloromethane	ND		4.0	1.6	ppb v/v			11/25/25 11:14	4
Bromoform	ND		4.0	1.6	ppb v/v			11/25/25 11:14	4
Bromomethane	ND		4.0	0.80	ppb v/v			11/25/25 11:14	4
Carbon disulfide	ND		4.0	1.6	ppb v/v			11/25/25 11:14	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Lead Carbon Effluent
Lab Sample ID: 410-253621-2
Date Collected: 11/18/25 08:25
Matrix: Air
Date Received: 11/18/25 16:40
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.0	0.56	ppb v/v			11/25/25 11:14	4
Chlorobenzene	ND		4.0	0.52	ppb v/v			11/25/25 11:14	4
Chloroethane	ND		4.0	1.2	ppb v/v			11/25/25 11:14	4
Chloroform	ND		4.0	0.37	ppb v/v			11/25/25 11:14	4
Benzyl chloride	ND		8.0	1.2	ppb v/v			11/25/25 11:14	4
Chloromethane	ND		4.0	1.6	ppb v/v			11/25/25 11:14	4
cis-1,2-Dichloroethene	**98**		4.0	0.80	ppb v/v			11/25/25 11:14	4
cis-1,3-Dichloropropene	ND		4.0	0.40	ppb v/v			11/25/25 11:14	4
Bromoethene	ND		4.0	0.72	ppb v/v			11/25/25 11:14	4
Dibromochloromethane	ND		4.0	1.6	ppb v/v			11/25/25 11:14	4
Dichlorodifluoromethane	ND		4.0	0.52	ppb v/v			11/25/25 11:14	4
Ethylbenzene	ND		4.0	0.76	ppb v/v			11/25/25 11:14	4
Freon 113	ND		4.0	0.80	ppb v/v			11/25/25 11:14	4
Freon-114	ND		4.0	0.48	ppb v/v			11/25/25 11:14	4
Heptane	**3.3**	**J**	4.0	0.92	ppb v/v			11/25/25 11:14	4
Hexane	**23**		4.0	1.2	ppb v/v			11/25/25 11:14	4
Isooctane	ND		4.0	1.6	ppb v/v			11/25/25 11:14	4
m&p-Xylene	ND		4.0	1.0	ppb v/v			11/25/25 11:14	4
Cyclohexane	**73**		4.0	0.80	ppb v/v			11/25/25 11:14	4
Methyl t-butyl ether	**13**		4.0	0.60	ppb v/v			11/25/25 11:14	4
Methylene Chloride	ND		8.0	1.0	ppb v/v			11/25/25 11:14	4
o-Xylene	ND		4.0	0.76	ppb v/v			11/25/25 11:14	4
Styrene	ND		4.0	0.80	ppb v/v			11/25/25 11:14	4
Ethanol	ND		20	8.0	ppb v/v			11/25/25 11:14	4
Tetrachloroethene	**62**		8.0	1.0	ppb v/v			11/25/25 11:14	4
Ethyl acetate	ND		8.0	1.0	ppb v/v			11/25/25 11:14	4
Toluene	ND		4.0	1.6	ppb v/v			11/25/25 11:14	4
trans-1,2-Dichloroethene	ND		4.0	0.80	ppb v/v			11/25/25 11:14	4
trans-1,3-Dichloropropene	ND		4.0	0.48	ppb v/v			11/25/25 11:14	4
Trichloroethene	**36**		4.0	0.72	ppb v/v			11/25/25 11:14	4
Trichlorofluoromethane	ND		4.0	0.60	ppb v/v			11/25/25 11:14	4
Vinyl chloride	**2.5**	**J**	4.0	0.48	ppb v/v			11/25/25 11:14	4
Hexachlorobutadiene	ND		8.0	1.9	ppb v/v			11/25/25 11:14	4
Isopropanol	ND		4.0	2.4	ppb v/v			11/25/25 11:14	4
Methyl methacrylate	ND		4.0	0.60	ppb v/v			11/25/25 11:14	4
Propene	**1.6**	**J**	4.0	1.2	ppb v/v			11/25/25 11:14	4
tert-Butyl alcohol	ND		4.0	0.84	ppb v/v			11/25/25 11:14	4
Tetrahydrofuran	ND		4.0	0.96	ppb v/v			11/25/25 11:14	4
Vinyl acetate	ND		4.0	0.64	ppb v/v			11/25/25 11:14	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Lag Carbon Effluent
Lab Sample ID: 410-253621-3
Date Collected: 11/18/25 08:27
Matrix: Air
Date Received: 11/18/25 16:40
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.65	ug/m3			11/25/25 10:06	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.0	ug/m3			11/25/25 10:06	1
1,1,2-Trichloroethane	ND		5.5	0.65	ug/m3			11/25/25 10:06	1
1,1-Dichloroethane	ND		4.0	0.36	ug/m3			11/25/25 10:06	1
1,1-Dichloroethene	ND		4.0	0.56	ug/m3			11/25/25 10:06	1
1,2,4-Trichlorobenzene	ND		15	3.7	ug/m3			11/25/25 10:06	1
1,2,4-Trimethylbenzene	ND		9.8	1.4	ug/m3			11/25/25 10:06	1
1,2-Dibromoethane	ND		7.7	1.0	ug/m3			11/25/25 10:06	1
1,2-Dichlorobenzene	ND		6.0	1.2	ug/m3			11/25/25 10:06	1
1,2-Dichloroethane	ND		4.0	0.32	ug/m3			11/25/25 10:06	1
1,2-Dichloropropane	ND		4.6	0.60	ug/m3			11/25/25 10:06	1
1,3,5-Trimethylbenzene	ND		9.8	1.6	ug/m3			11/25/25 10:06	1
1,3-Butadiene	ND		2.2	0.38	ug/m3			11/25/25 10:06	1
1,3-Dichlorobenzene	ND		6.0	1.8	ug/m3			11/25/25 10:06	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/m3			11/25/25 10:06	1
2-Butanone	**1.1**	**J**	2.9	0.62	ug/m3			11/25/25 10:06	1
2-Hexanone	ND		8.2	2.0	ug/m3			11/25/25 10:06	1
3-Chloroprene	ND		3.1	0.63	ug/m3			11/25/25 10:06	1
4-Ethyltoluene	ND		4.9	0.88	ug/m3			11/25/25 10:06	1
1,4-Dioxane	ND		3.6	0.61	ug/m3			11/25/25 10:06	1
4-Methyl-2-pentanone	ND		4.1	0.61	ug/m3			11/25/25 10:06	1
Acetone	**12**		12	2.4	ug/m3			11/25/25 10:06	1
2-Chlorotoluene	ND		5.2	1.1	ug/m3			11/25/25 10:06	1
Benzene	**0.82**	**J**	3.2	0.35	ug/m3			11/25/25 10:06	1
Bromodichloromethane	ND		6.7	2.7	ug/m3			11/25/25 10:06	1
Bromoform	ND		10	4.1	ug/m3			11/25/25 10:06	1
Bromomethane	ND		3.9	0.78	ug/m3			11/25/25 10:06	1
Carbon disulfide	ND		3.1	1.2	ug/m3			11/25/25 10:06	1
Carbon tetrachloride	ND		6.3	0.88	ug/m3			11/25/25 10:06	1
Chlorobenzene	ND		4.6	0.60	ug/m3			11/25/25 10:06	1
Chloroethane	ND		2.6	0.79	ug/m3			11/25/25 10:06	1
Chloroform	ND		4.9	0.45	ug/m3			11/25/25 10:06	1
Benzyl chloride	ND		10	1.6	ug/m3			11/25/25 10:06	1
Chloromethane	ND		2.1	0.83	ug/m3			11/25/25 10:06	1
cis-1,2-Dichloroethene	**5.1**		4.0	0.79	ug/m3			11/25/25 10:06	1
cis-1,3-Dichloropropene	ND		4.5	0.45	ug/m3			11/25/25 10:06	1
Bromoethene	ND		4.4	0.79	ug/m3			11/25/25 10:06	1
Dibromochloromethane	ND		8.5	3.4	ug/m3			11/25/25 10:06	1
Dichlorodifluoromethane	**3.9**	**J**	4.9	0.64	ug/m3			11/25/25 10:06	1
Ethylbenzene	ND		4.3	0.83	ug/m3			11/25/25 10:06	1
Freon 113	ND		7.7	1.5	ug/m3			11/25/25 10:06	1
Freon-114	ND		7.0	0.84	ug/m3			11/25/25 10:06	1
Heptane	ND		4.1	0.94	ug/m3			11/25/25 10:06	1
Hexane	ND		3.5	1.1	ug/m3			11/25/25 10:06	1
Isooctane	ND		4.7	1.9	ug/m3			11/25/25 10:06	1
m&p-Xylene	ND		4.3	1.1	ug/m3			11/25/25 10:06	1
Cyclohexane	**2.5**	**J**	3.4	0.69	ug/m3			11/25/25 10:06	1
Methyl t-butyl ether	ND		3.6	0.54	ug/m3			11/25/25 10:06	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Lag Carbon Effluent
Lab Sample ID: 410-253621-3
Date Collected: 11/18/25 08:27
Matrix: Air
Date Received: 11/18/25 16:40
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**0.95**	**J**	6.9	0.87	ug/m3			11/25/25 10:06	1
o-Xylene	ND		4.3	0.83	ug/m3			11/25/25 10:06	1
Styrene	ND		4.3	0.85	ug/m3			11/25/25 10:06	1
Ethanol	**45**		9.4	3.8	ug/m3			11/25/25 10:06	1
Tetrachloroethene	ND		14	1.7	ug/m3			11/25/25 10:06	1
Ethyl acetate	ND		7.2	0.90	ug/m3			11/25/25 10:06	1
Toluene	ND		3.8	1.5	ug/m3			11/25/25 10:06	1
trans-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			11/25/25 10:06	1
trans-1,3-Dichloropropene	ND		4.5	0.54	ug/m3			11/25/25 10:06	1
Trichloroethene	ND		5.4	0.97	ug/m3			11/25/25 10:06	1
Trichlorofluoromethane	**2.3**	**J**	5.6	0.84	ug/m3			11/25/25 10:06	1
Vinyl chloride	ND		2.6	0.31	ug/m3			11/25/25 10:06	1
Hexachlorobutadiene	ND		21	5.0	ug/m3			11/25/25 10:06	1
Isopropanol	**5.9**		2.5	1.5	ug/m3			11/25/25 10:06	1
Methyl methacrylate	ND		4.1	0.61	ug/m3			11/25/25 10:06	1
Propene	**2.2**		1.7	0.52	ug/m3			11/25/25 10:06	1
tert-Butyl alcohol	ND		3.0	0.64	ug/m3			11/25/25 10:06	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			11/25/25 10:06	1
Vinyl acetate	ND		3.5	0.56	ug/m3			11/25/25 10:06	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.12	ppb v/v			11/25/25 10:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ppb v/v			11/25/25 10:06	1
1,1,2-Trichloroethane	ND		1.0	0.12	ppb v/v			11/25/25 10:06	1
1,1-Dichloroethane	ND		1.0	0.089	ppb v/v			11/25/25 10:06	1
1,1-Dichloroethene	ND		1.0	0.14	ppb v/v			11/25/25 10:06	1
1,2,4-Trichlorobenzene	ND		2.0	0.50	ppb v/v			11/25/25 10:06	1
1,2,4-Trimethylbenzene	ND		2.0	0.28	ppb v/v			11/25/25 10:06	1
1,2-Dibromoethane	ND		1.0	0.13	ppb v/v			11/25/25 10:06	1
1,2-Dichlorobenzene	ND		1.0	0.20	ppb v/v			11/25/25 10:06	1
1,2-Dichloroethane	ND		1.0	0.080	ppb v/v			11/25/25 10:06	1
1,2-Dichloropropane	ND		1.0	0.13	ppb v/v			11/25/25 10:06	1
1,3,5-Trimethylbenzene	ND		2.0	0.32	ppb v/v			11/25/25 10:06	1
1,3-Butadiene	ND		1.0	0.17	ppb v/v			11/25/25 10:06	1
1,3-Dichlorobenzene	ND		1.0	0.30	ppb v/v			11/25/25 10:06	1
1,4-Dichlorobenzene	ND		1.0	0.30	ppb v/v			11/25/25 10:06	1
2-Butanone	**0.37**	**J**	1.0	0.21	ppb v/v			11/25/25 10:06	1
2-Hexanone	ND		2.0	0.50	ppb v/v			11/25/25 10:06	1
3-Chloroprene	ND		1.0	0.20	ppb v/v			11/25/25 10:06	1
4-Ethyltoluene	ND		1.0	0.18	ppb v/v			11/25/25 10:06	1
1,4-Dioxane	ND		1.0	0.17	ppb v/v			11/25/25 10:06	1
4-Methyl-2-pentanone	ND		1.0	0.15	ppb v/v			11/25/25 10:06	1
Acetone	**5.0**		5.0	1.0	ppb v/v			11/25/25 10:06	1
2-Chlorotoluene	ND		1.0	0.22	ppb v/v			11/25/25 10:06	1
Benzene	**0.26**	**J**	1.0	0.11	ppb v/v			11/25/25 10:06	1
Bromodichloromethane	ND		1.0	0.40	ppb v/v			11/25/25 10:06	1
Bromoform	ND		1.0	0.40	ppb v/v			11/25/25 10:06	1
Bromomethane	ND		1.0	0.20	ppb v/v			11/25/25 10:06	1
Carbon disulfide	ND		1.0	0.40	ppb v/v			11/25/25 10:06	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Lag Carbon Effluent
Lab Sample ID: 410-253621-3
Date Collected: 11/18/25 08:27
Matrix: Air
Date Received: 11/18/25 16:40
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.14	ppb v/v			11/25/25 10:06	1
Chlorobenzene	ND		1.0	0.13	ppb v/v			11/25/25 10:06	1
Chloroethane	ND		1.0	0.30	ppb v/v			11/25/25 10:06	1
Chloroform	ND		1.0	0.092	ppb v/v			11/25/25 10:06	1
Benzyl chloride	ND		2.0	0.30	ppb v/v			11/25/25 10:06	1
Chloromethane	ND		1.0	0.40	ppb v/v			11/25/25 10:06	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.20	ppb v/v			11/25/25 10:06	1
cis-1,3-Dichloropropene	ND		1.0	0.10	ppb v/v			11/25/25 10:06	1
Bromoethene	ND		1.0	0.18	ppb v/v			11/25/25 10:06	1
Dibromochloromethane	ND		1.0	0.40	ppb v/v			11/25/25 10:06	1
Dichlorodifluoromethane	**0.78**	**J**	1.0	0.13	ppb v/v			11/25/25 10:06	1
Ethylbenzene	ND		1.0	0.19	ppb v/v			11/25/25 10:06	1
Freon 113	ND		1.0	0.20	ppb v/v			11/25/25 10:06	1
Freon-114	ND		1.0	0.12	ppb v/v			11/25/25 10:06	1
Heptane	ND		1.0	0.23	ppb v/v			11/25/25 10:06	1
Hexane	ND		1.0	0.30	ppb v/v			11/25/25 10:06	1
Isooctane	ND		1.0	0.40	ppb v/v			11/25/25 10:06	1
m&p-Xylene	ND		1.0	0.26	ppb v/v			11/25/25 10:06	1
Cyclohexane	**0.72**	**J**	1.0	0.20	ppb v/v			11/25/25 10:06	1
Methyl t-butyl ether	ND		1.0	0.15	ppb v/v			11/25/25 10:06	1
Methylene Chloride	**0.27**	**J**	2.0	0.25	ppb v/v			11/25/25 10:06	1
o-Xylene	ND		1.0	0.19	ppb v/v			11/25/25 10:06	1
Styrene	ND		1.0	0.20	ppb v/v			11/25/25 10:06	1
Ethanol	**24**		5.0	2.0	ppb v/v			11/25/25 10:06	1
Tetrachloroethene	ND		2.0	0.25	ppb v/v			11/25/25 10:06	1
Ethyl acetate	ND		2.0	0.25	ppb v/v			11/25/25 10:06	1
Toluene	ND		1.0	0.40	ppb v/v			11/25/25 10:06	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			11/25/25 10:06	1
trans-1,3-Dichloropropene	ND		1.0	0.12	ppb v/v			11/25/25 10:06	1
Trichloroethene	ND		1.0	0.18	ppb v/v			11/25/25 10:06	1
Trichlorofluoromethane	**0.40**	**J**	1.0	0.15	ppb v/v			11/25/25 10:06	1
Vinyl chloride	ND		1.0	0.12	ppb v/v			11/25/25 10:06	1
Hexachlorobutadiene	ND		2.0	0.47	ppb v/v			11/25/25 10:06	1
Isopropanol	**2.4**		1.0	0.60	ppb v/v			11/25/25 10:06	1
Methyl methacrylate	ND		1.0	0.15	ppb v/v			11/25/25 10:06	1
Propene	**1.3**		1.0	0.30	ppb v/v			11/25/25 10:06	1
tert-Butyl alcohol	ND		1.0	0.21	ppb v/v			11/25/25 10:06	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			11/25/25 10:06	1
Vinyl acetate	ND		1.0	0.16	ppb v/v			11/25/25 10:06	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Combined Influent
Date Collected: 11/18/25 08:20
Date Received: 11/18/25 16:40
Sample Time: 0 Min

Lab Sample ID: 410-253621-4
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		22	2.6	ug/m3			11/25/25 10:29	4
1,1,2,2-Tetrachloroethane	ND		27	4.1	ug/m3			11/25/25 10:29	4
1,1,2-Trichloroethane	ND		22	2.6	ug/m3			11/25/25 10:29	4
1,1-Dichloroethane	**4.1**	**J**	16	1.4	ug/m3			11/25/25 10:29	4
1,1-Dichloroethene	ND		16	2.2	ug/m3			11/25/25 10:29	4
1,2,4-Trichlorobenzene	ND		59	15	ug/m3			11/25/25 10:29	4
1,2,4-Trimethylbenzene	**46**		39	5.5	ug/m3			11/25/25 10:29	4
1,2-Dibromoethane	ND		31	4.0	ug/m3			11/25/25 10:29	4
1,2-Dichlorobenzene	ND		24	4.8	ug/m3			11/25/25 10:29	4
1,2-Dichloroethane	**13**	**J**	16	1.3	ug/m3			11/25/25 10:29	4
1,2-Dichloropropane	ND		18	2.4	ug/m3			11/25/25 10:29	4
1,3,5-Trimethylbenzene	**22**	**J**	39	6.3	ug/m3			11/25/25 10:29	4
1,3-Butadiene	ND		8.8	1.5	ug/m3			11/25/25 10:29	4
1,3-Dichlorobenzene	ND		24	7.2	ug/m3			11/25/25 10:29	4
1,4-Dichlorobenzene	ND		24	7.2	ug/m3			11/25/25 10:29	4
2-Butanone	ND		12	2.5	ug/m3			11/25/25 10:29	4
2-Hexanone	ND		33	8.2	ug/m3			11/25/25 10:29	4
3-Chloroprene	ND		13	2.5	ug/m3			11/25/25 10:29	4
4-Ethyltoluene	**16**	**J**	20	3.5	ug/m3			11/25/25 10:29	4
1,4-Dioxane	ND		14	2.5	ug/m3			11/25/25 10:29	4
4-Methyl-2-pentanone	ND		16	2.5	ug/m3			11/25/25 10:29	4
Acetone	ND		48	9.5	ug/m3			11/25/25 10:29	4
2-Chlorotoluene	ND		21	4.6	ug/m3			11/25/25 10:29	4
Benzene	**180**		13	1.4	ug/m3			11/25/25 10:29	4
Bromodichloromethane	ND		27	11	ug/m3			11/25/25 10:29	4
Bromoform	ND		41	17	ug/m3			11/25/25 10:29	4
Bromomethane	ND		16	3.1	ug/m3			11/25/25 10:29	4
Carbon disulfide	ND		12	5.0	ug/m3			11/25/25 10:29	4
Carbon tetrachloride	ND		25	3.5	ug/m3			11/25/25 10:29	4
Chlorobenzene	ND		18	2.4	ug/m3			11/25/25 10:29	4
Chloroethane	ND		11	3.2	ug/m3			11/25/25 10:29	4
Chloroform	ND		20	1.8	ug/m3			11/25/25 10:29	4
Benzyl chloride	ND		41	6.2	ug/m3			11/25/25 10:29	4
Chloromethane	ND		8.3	3.3	ug/m3			11/25/25 10:29	4
cis-1,2-Dichloroethene	**60**		16	3.2	ug/m3			11/25/25 10:29	4
cis-1,3-Dichloropropene	ND		18	1.8	ug/m3			11/25/25 10:29	4
Bromoethene	ND		17	3.1	ug/m3			11/25/25 10:29	4
Dibromochloromethane	ND		34	14	ug/m3			11/25/25 10:29	4
Dichlorodifluoromethane	ND		20	2.6	ug/m3			11/25/25 10:29	4
Ethylbenzene	**15**	**J**	17	3.3	ug/m3			11/25/25 10:29	4
Freon 113	ND		31	6.1	ug/m3			11/25/25 10:29	4
Freon-114	ND		28	3.4	ug/m3			11/25/25 10:29	4
Heptane	**73**		16	3.8	ug/m3			11/25/25 10:29	4
Hexane	**110**		14	4.2	ug/m3			11/25/25 10:29	4
Isooctane	ND		19	7.5	ug/m3			11/25/25 10:29	4
m&p-Xylene	**110**		17	4.5	ug/m3			11/25/25 10:29	4
Cyclohexane	**220**		14	2.8	ug/m3			11/25/25 10:29	4
Methyl t-butyl ether	**25**		14	2.2	ug/m3			11/25/25 10:29	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Combined Influent
Date Collected: 11/18/25 08:20
Date Received: 11/18/25 16:40
Sample Time: 0 Min

Lab Sample ID: 410-253621-4
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		28	3.5	ug/m3			11/25/25 10:29	4
o-Xylene	**18**		17	3.3	ug/m3			11/25/25 10:29	4
Styrene	ND		17	3.4	ug/m3			11/25/25 10:29	4
Ethanol	ND		38	15	ug/m3			11/25/25 10:29	4
Tetrachloroethene	**190**		54	6.8	ug/m3			11/25/25 10:29	4
Ethyl acetate	ND		29	3.6	ug/m3			11/25/25 10:29	4
Toluene	**12**	**J**	15	6.0	ug/m3			11/25/25 10:29	4
trans-1,2-Dichloroethene	ND		16	3.2	ug/m3			11/25/25 10:29	4
trans-1,3-Dichloropropene	ND		18	2.2	ug/m3			11/25/25 10:29	4
Trichloroethene	**79**		21	3.9	ug/m3			11/25/25 10:29	4
Trichlorofluoromethane	ND		22	3.4	ug/m3			11/25/25 10:29	4
Vinyl chloride	**5.0**	**J**	10	1.2	ug/m3			11/25/25 10:29	4
Hexachlorobutadiene	ND		85	20	ug/m3			11/25/25 10:29	4
Isopropanol	ND		9.8	5.9	ug/m3			11/25/25 10:29	4
Methyl methacrylate	ND		16	2.5	ug/m3			11/25/25 10:29	4
Propene	**2.6**	**J**	6.9	2.1	ug/m3			11/25/25 10:29	4
tert-Butyl alcohol	ND		12	2.5	ug/m3			11/25/25 10:29	4
Tetrahydrofuran	ND		12	2.8	ug/m3			11/25/25 10:29	4
Vinyl acetate	ND		14	2.3	ug/m3			11/25/25 10:29	4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	0.48	ppb v/v			11/25/25 10:29	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.60	ppb v/v			11/25/25 10:29	4
1,1,2-Trichloroethane	ND		4.0	0.48	ppb v/v			11/25/25 10:29	4
1,1-Dichloroethane	**1.0**	**J**	4.0	0.36	ppb v/v			11/25/25 10:29	4
1,1-Dichloroethene	ND		4.0	0.56	ppb v/v			11/25/25 10:29	4
1,2,4-Trichlorobenzene	ND		8.0	2.0	ppb v/v			11/25/25 10:29	4
1,2,4-Trimethylbenzene	**9.4**		8.0	1.1	ppb v/v			11/25/25 10:29	4
1,2-Dibromoethane	ND		4.0	0.52	ppb v/v			11/25/25 10:29	4
1,2-Dichlorobenzene	ND		4.0	0.80	ppb v/v			11/25/25 10:29	4
1,2-Dichloroethane	**3.1**	**J**	4.0	0.32	ppb v/v			11/25/25 10:29	4
1,2-Dichloropropane	ND		4.0	0.52	ppb v/v			11/25/25 10:29	4
1,3,5-Trimethylbenzene	**4.5**	**J**	8.0	1.3	ppb v/v			11/25/25 10:29	4
1,3-Butadiene	ND		4.0	0.68	ppb v/v			11/25/25 10:29	4
1,3-Dichlorobenzene	ND		4.0	1.2	ppb v/v			11/25/25 10:29	4
1,4-Dichlorobenzene	ND		4.0	1.2	ppb v/v			11/25/25 10:29	4
2-Butanone	ND		4.0	0.84	ppb v/v			11/25/25 10:29	4
2-Hexanone	ND		8.0	2.0	ppb v/v			11/25/25 10:29	4
3-Chloroprene	ND		4.0	0.80	ppb v/v			11/25/25 10:29	4
4-Ethyltoluene	**3.3**	**J**	4.0	0.72	ppb v/v			11/25/25 10:29	4
1,4-Dioxane	ND		4.0	0.68	ppb v/v			11/25/25 10:29	4
4-Methyl-2-pentanone	ND		4.0	0.60	ppb v/v			11/25/25 10:29	4
Acetone	ND		20	4.0	ppb v/v			11/25/25 10:29	4
2-Chlorotoluene	ND		4.0	0.88	ppb v/v			11/25/25 10:29	4
Benzene	**57**		4.0	0.44	ppb v/v			11/25/25 10:29	4
Bromodichloromethane	ND		4.0	1.6	ppb v/v			11/25/25 10:29	4
Bromoform	ND		4.0	1.6	ppb v/v			11/25/25 10:29	4
Bromomethane	ND		4.0	0.80	ppb v/v			11/25/25 10:29	4
Carbon disulfide	ND		4.0	1.6	ppb v/v			11/25/25 10:29	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Combined Influent
Lab Sample ID: 410-253621-4
Date Collected: 11/18/25 08:20
Matrix: Air
Date Received: 11/18/25 16:40
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.0	0.56	ppb v/v			11/25/25 10:29	4
Chlorobenzene	ND		4.0	0.52	ppb v/v			11/25/25 10:29	4
Chloroethane	ND		4.0	1.2	ppb v/v			11/25/25 10:29	4
Chloroform	ND		4.0	0.37	ppb v/v			11/25/25 10:29	4
Benzyl chloride	ND		8.0	1.2	ppb v/v			11/25/25 10:29	4
Chloromethane	ND		4.0	1.6	ppb v/v			11/25/25 10:29	4
cis-1,2-Dichloroethene	**15**		4.0	0.80	ppb v/v			11/25/25 10:29	4
cis-1,3-Dichloropropene	ND		4.0	0.40	ppb v/v			11/25/25 10:29	4
Bromoethene	ND		4.0	0.72	ppb v/v			11/25/25 10:29	4
Dibromochloromethane	ND		4.0	1.6	ppb v/v			11/25/25 10:29	4
Dichlorodifluoromethane	ND		4.0	0.52	ppb v/v			11/25/25 10:29	4
Ethylbenzene	**3.5**	**J**	4.0	0.76	ppb v/v			11/25/25 10:29	4
Freon 113	ND		4.0	0.80	ppb v/v			11/25/25 10:29	4
Freon-114	ND		4.0	0.48	ppb v/v			11/25/25 10:29	4
Heptane	**18**		4.0	0.92	ppb v/v			11/25/25 10:29	4
Hexane	**31**		4.0	1.2	ppb v/v			11/25/25 10:29	4
Isooctane	ND		4.0	1.6	ppb v/v			11/25/25 10:29	4
m&p-Xylene	**25**		4.0	1.0	ppb v/v			11/25/25 10:29	4
Cyclohexane	**64**		4.0	0.80	ppb v/v			11/25/25 10:29	4
Methyl t-butyl ether	**6.9**		4.0	0.60	ppb v/v			11/25/25 10:29	4
Methylene Chloride	ND		8.0	1.0	ppb v/v			11/25/25 10:29	4
o-Xylene	**4.1**		4.0	0.76	ppb v/v			11/25/25 10:29	4
Styrene	ND		4.0	0.80	ppb v/v			11/25/25 10:29	4
Ethanol	ND		20	8.0	ppb v/v			11/25/25 10:29	4
Tetrachloroethene	**28**		8.0	1.0	ppb v/v			11/25/25 10:29	4
Ethyl acetate	ND		8.0	1.0	ppb v/v			11/25/25 10:29	4
Toluene	**3.1**	**J**	4.0	1.6	ppb v/v			11/25/25 10:29	4
trans-1,2-Dichloroethene	ND		4.0	0.80	ppb v/v			11/25/25 10:29	4
trans-1,3-Dichloropropene	ND		4.0	0.48	ppb v/v			11/25/25 10:29	4
Trichloroethene	**15**		4.0	0.72	ppb v/v			11/25/25 10:29	4
Trichlorofluoromethane	ND		4.0	0.60	ppb v/v			11/25/25 10:29	4
Vinyl chloride	**2.0**	**J**	4.0	0.48	ppb v/v			11/25/25 10:29	4
Hexachlorobutadiene	ND		8.0	1.9	ppb v/v			11/25/25 10:29	4
Isopropanol	ND		4.0	2.4	ppb v/v			11/25/25 10:29	4
Methyl methacrylate	ND		4.0	0.60	ppb v/v			11/25/25 10:29	4
Propene	**1.5**	**J**	4.0	1.2	ppb v/v			11/25/25 10:29	4
tert-Butyl alcohol	ND		4.0	0.84	ppb v/v			11/25/25 10:29	4
Tetrahydrofuran	ND		4.0	0.96	ppb v/v			11/25/25 10:29	4
Vinyl acetate	ND		4.0	0.64	ppb v/v			11/25/25 10:29	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Before Carbon
Date Collected: 11/18/25 07:40
Date Received: 11/18/25 16:40
Sample Time: 0 Min

Lab Sample ID: 410-253621-5
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		22	2.6	ug/m3			11/25/25 10:51	4
1,1,2,2-Tetrachloroethane	ND		27	4.1	ug/m3			11/25/25 10:51	4
1,1,2-Trichloroethane	ND		22	2.6	ug/m3			11/25/25 10:51	4
1,1-Dichloroethane	**4.3**	**J**	16	1.4	ug/m3			11/25/25 10:51	4
1,1-Dichloroethene	ND		16	2.2	ug/m3			11/25/25 10:51	4
1,2,4-Trichlorobenzene	ND		59	15	ug/m3			11/25/25 10:51	4
1,2,4-Trimethylbenzene	**43**		39	5.5	ug/m3			11/25/25 10:51	4
1,2-Dibromoethane	ND		31	4.0	ug/m3			11/25/25 10:51	4
1,2-Dichlorobenzene	ND		24	4.8	ug/m3			11/25/25 10:51	4
1,2-Dichloroethane	**13**	**J**	16	1.3	ug/m3			11/25/25 10:51	4
1,2-Dichloropropane	ND		18	2.4	ug/m3			11/25/25 10:51	4
1,3,5-Trimethylbenzene	**21**	**J**	39	6.3	ug/m3			11/25/25 10:51	4
1,3-Butadiene	ND		8.8	1.5	ug/m3			11/25/25 10:51	4
1,3-Dichlorobenzene	ND		24	7.2	ug/m3			11/25/25 10:51	4
1,4-Dichlorobenzene	ND		24	7.2	ug/m3			11/25/25 10:51	4
2-Butanone	ND		12	2.5	ug/m3			11/25/25 10:51	4
2-Hexanone	ND		33	8.2	ug/m3			11/25/25 10:51	4
3-Chloroprene	ND		13	2.5	ug/m3			11/25/25 10:51	4
4-Ethyltoluene	**15**	**J**	20	3.5	ug/m3			11/25/25 10:51	4
1,4-Dioxane	ND		14	2.5	ug/m3			11/25/25 10:51	4
4-Methyl-2-pentanone	ND		16	2.5	ug/m3			11/25/25 10:51	4
Acetone	**11**	**J**	48	9.5	ug/m3			11/25/25 10:51	4
2-Chlorotoluene	ND		21	4.6	ug/m3			11/25/25 10:51	4
Benzene	**180**		13	1.4	ug/m3			11/25/25 10:51	4
Bromodichloromethane	ND		27	11	ug/m3			11/25/25 10:51	4
Bromoform	ND		41	17	ug/m3			11/25/25 10:51	4
Bromomethane	ND		16	3.1	ug/m3			11/25/25 10:51	4
Carbon disulfide	ND		12	5.0	ug/m3			11/25/25 10:51	4
Carbon tetrachloride	ND		25	3.5	ug/m3			11/25/25 10:51	4
Chlorobenzene	ND		18	2.4	ug/m3			11/25/25 10:51	4
Chloroethane	ND		11	3.2	ug/m3			11/25/25 10:51	4
Chloroform	ND		20	1.8	ug/m3			11/25/25 10:51	4
Benzyl chloride	ND		41	6.2	ug/m3			11/25/25 10:51	4
Chloromethane	ND		8.3	3.3	ug/m3			11/25/25 10:51	4
cis-1,2-Dichloroethene	**63**		16	3.2	ug/m3			11/25/25 10:51	4
cis-1,3-Dichloropropene	ND		18	1.8	ug/m3			11/25/25 10:51	4
Bromoethene	ND		17	3.1	ug/m3			11/25/25 10:51	4
Dibromochloromethane	ND		34	14	ug/m3			11/25/25 10:51	4
Dichlorodifluoromethane	ND		20	2.6	ug/m3			11/25/25 10:51	4
Ethylbenzene	**14**	**J**	17	3.3	ug/m3			11/25/25 10:51	4
Freon 113	ND		31	6.1	ug/m3			11/25/25 10:51	4
Freon-114	ND		28	3.4	ug/m3			11/25/25 10:51	4
Heptane	**74**		16	3.8	ug/m3			11/25/25 10:51	4
Hexane	**110**		14	4.2	ug/m3			11/25/25 10:51	4
Isooctane	ND		19	7.5	ug/m3			11/25/25 10:51	4
m&p-Xylene	**100**		17	4.5	ug/m3			11/25/25 10:51	4
Cyclohexane	**230**		14	2.8	ug/m3			11/25/25 10:51	4
Methyl t-butyl ether	**26**		14	2.2	ug/m3			11/25/25 10:51	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Before Carbon
Date Collected: 11/18/25 07:40
Date Received: 11/18/25 16:40
Sample Time: 0 Min

Lab Sample ID: 410-253621-5
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		28	3.5	ug/m3			11/25/25 10:51	4
o-Xylene	**17**		17	3.3	ug/m3			11/25/25 10:51	4
Styrene	ND		17	3.4	ug/m3			11/25/25 10:51	4
Ethanol	ND		38	15	ug/m3			11/25/25 10:51	4
Tetrachloroethene	**190**		54	6.8	ug/m3			11/25/25 10:51	4
Ethyl acetate	ND		29	3.6	ug/m3			11/25/25 10:51	4
Toluene	**12**	**J**	15	6.0	ug/m3			11/25/25 10:51	4
trans-1,2-Dichloroethene	ND		16	3.2	ug/m3			11/25/25 10:51	4
trans-1,3-Dichloropropene	ND		18	2.2	ug/m3			11/25/25 10:51	4
Trichloroethene	**81**		21	3.9	ug/m3			11/25/25 10:51	4
Trichlorofluoromethane	ND		22	3.4	ug/m3			11/25/25 10:51	4
Vinyl chloride	**5.5**	**J**	10	1.2	ug/m3			11/25/25 10:51	4
Hexachlorobutadiene	ND		85	20	ug/m3			11/25/25 10:51	4
Isopropanol	ND		9.8	5.9	ug/m3			11/25/25 10:51	4
Methyl methacrylate	ND		16	2.5	ug/m3			11/25/25 10:51	4
Propene	**2.8**	**J**	6.9	2.1	ug/m3			11/25/25 10:51	4
tert-Butyl alcohol	ND		12	2.5	ug/m3			11/25/25 10:51	4
Tetrahydrofuran	ND		12	2.8	ug/m3			11/25/25 10:51	4
Vinyl acetate	ND		14	2.3	ug/m3			11/25/25 10:51	4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	0.48	ppb v/v			11/25/25 10:51	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.60	ppb v/v			11/25/25 10:51	4
1,1,2-Trichloroethane	ND		4.0	0.48	ppb v/v			11/25/25 10:51	4
1,1-Dichloroethane	**1.1**	**J**	4.0	0.36	ppb v/v			11/25/25 10:51	4
1,1-Dichloroethene	ND		4.0	0.56	ppb v/v			11/25/25 10:51	4
1,2,4-Trichlorobenzene	ND		8.0	2.0	ppb v/v			11/25/25 10:51	4
1,2,4-Trimethylbenzene	**8.7**		8.0	1.1	ppb v/v			11/25/25 10:51	4
1,2-Dibromoethane	ND		4.0	0.52	ppb v/v			11/25/25 10:51	4
1,2-Dichlorobenzene	ND		4.0	0.80	ppb v/v			11/25/25 10:51	4
1,2-Dichloroethane	**3.3**	**J**	4.0	0.32	ppb v/v			11/25/25 10:51	4
1,2-Dichloropropane	ND		4.0	0.52	ppb v/v			11/25/25 10:51	4
1,3,5-Trimethylbenzene	**4.3**	**J**	8.0	1.3	ppb v/v			11/25/25 10:51	4
1,3-Butadiene	ND		4.0	0.68	ppb v/v			11/25/25 10:51	4
1,3-Dichlorobenzene	ND		4.0	1.2	ppb v/v			11/25/25 10:51	4
1,4-Dichlorobenzene	ND		4.0	1.2	ppb v/v			11/25/25 10:51	4
2-Butanone	ND		4.0	0.84	ppb v/v			11/25/25 10:51	4
2-Hexanone	ND		8.0	2.0	ppb v/v			11/25/25 10:51	4
3-Chloroprene	ND		4.0	0.80	ppb v/v			11/25/25 10:51	4
4-Ethyltoluene	**3.1**	**J**	4.0	0.72	ppb v/v			11/25/25 10:51	4
1,4-Dioxane	ND		4.0	0.68	ppb v/v			11/25/25 10:51	4
4-Methyl-2-pentanone	ND		4.0	0.60	ppb v/v			11/25/25 10:51	4
Acetone	**4.8**	**J**	20	4.0	ppb v/v			11/25/25 10:51	4
2-Chlorotoluene	ND		4.0	0.88	ppb v/v			11/25/25 10:51	4
Benzene	**57**		4.0	0.44	ppb v/v			11/25/25 10:51	4
Bromodichloromethane	ND		4.0	1.6	ppb v/v			11/25/25 10:51	4
Bromoform	ND		4.0	1.6	ppb v/v			11/25/25 10:51	4
Bromomethane	ND		4.0	0.80	ppb v/v			11/25/25 10:51	4
Carbon disulfide	ND		4.0	1.6	ppb v/v			11/25/25 10:51	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Before Carbon
Date Collected: 11/18/25 07:40
Date Received: 11/18/25 16:40
Sample Time: 0 Min

Lab Sample ID: 410-253621-5
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.0	0.56	ppb v/v			11/25/25 10:51	4
Chlorobenzene	ND		4.0	0.52	ppb v/v			11/25/25 10:51	4
Chloroethane	ND		4.0	1.2	ppb v/v			11/25/25 10:51	4
Chloroform	ND		4.0	0.37	ppb v/v			11/25/25 10:51	4
Benzyl chloride	ND		8.0	1.2	ppb v/v			11/25/25 10:51	4
Chloromethane	ND		4.0	1.6	ppb v/v			11/25/25 10:51	4
cis-1,2-Dichloroethene	**16**		4.0	0.80	ppb v/v			11/25/25 10:51	4
cis-1,3-Dichloropropene	ND		4.0	0.40	ppb v/v			11/25/25 10:51	4
Bromoethene	ND		4.0	0.72	ppb v/v			11/25/25 10:51	4
Dibromochloromethane	ND		4.0	1.6	ppb v/v			11/25/25 10:51	4
Dichlorodifluoromethane	ND		4.0	0.52	ppb v/v			11/25/25 10:51	4
Ethylbenzene	**3.3**	**J**	4.0	0.76	ppb v/v			11/25/25 10:51	4
Freon 113	ND		4.0	0.80	ppb v/v			11/25/25 10:51	4
Freon-114	ND		4.0	0.48	ppb v/v			11/25/25 10:51	4
Heptane	**18**		4.0	0.92	ppb v/v			11/25/25 10:51	4
Hexane	**32**		4.0	1.2	ppb v/v			11/25/25 10:51	4
Isooctane	ND		4.0	1.6	ppb v/v			11/25/25 10:51	4
m&p-Xylene	**23**		4.0	1.0	ppb v/v			11/25/25 10:51	4
Cyclohexane	**68**		4.0	0.80	ppb v/v			11/25/25 10:51	4
Methyl t-butyl ether	**7.3**		4.0	0.60	ppb v/v			11/25/25 10:51	4
Methylene Chloride	ND		8.0	1.0	ppb v/v			11/25/25 10:51	4
o-Xylene	**4.0**		4.0	0.76	ppb v/v			11/25/25 10:51	4
Styrene	ND		4.0	0.80	ppb v/v			11/25/25 10:51	4
Ethanol	ND		20	8.0	ppb v/v			11/25/25 10:51	4
Tetrachloroethene	**29**		8.0	1.0	ppb v/v			11/25/25 10:51	4
Ethyl acetate	ND		8.0	1.0	ppb v/v			11/25/25 10:51	4
Toluene	**3.1**	**J**	4.0	1.6	ppb v/v			11/25/25 10:51	4
trans-1,2-Dichloroethene	ND		4.0	0.80	ppb v/v			11/25/25 10:51	4
trans-1,3-Dichloropropene	ND		4.0	0.48	ppb v/v			11/25/25 10:51	4
Trichloroethene	**15**		4.0	0.72	ppb v/v			11/25/25 10:51	4
Trichlorofluoromethane	ND		4.0	0.60	ppb v/v			11/25/25 10:51	4
Vinyl chloride	**2.1**	**J**	4.0	0.48	ppb v/v			11/25/25 10:51	4
Hexachlorobutadiene	ND		8.0	1.9	ppb v/v			11/25/25 10:51	4
Isopropanol	ND		4.0	2.4	ppb v/v			11/25/25 10:51	4
Methyl methacrylate	ND		4.0	0.60	ppb v/v			11/25/25 10:51	4
Propene	**1.6**	**J**	4.0	1.2	ppb v/v			11/25/25 10:51	4
tert-Butyl alcohol	ND		4.0	0.84	ppb v/v			11/25/25 10:51	4
Tetrahydrofuran	ND		4.0	0.96	ppb v/v			11/25/25 10:51	4
Vinyl acetate	ND		4.0	0.64	ppb v/v			11/25/25 10:51	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 410-734732/7
Matrix: Air
Analysis Batch: 734732

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.65	ug/m3			11/24/25 15:33	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.0	ug/m3			11/24/25 15:33	1
1,1,2-Trichloroethane	ND		5.5	0.65	ug/m3			11/24/25 15:33	1
1,1-Dichloroethane	ND		4.0	0.36	ug/m3			11/24/25 15:33	1
1,1-Dichloroethene	ND		4.0	0.56	ug/m3			11/24/25 15:33	1
1,2,4-Trichlorobenzene	ND		15	3.7	ug/m3			11/24/25 15:33	1
1,2,4-Trimethylbenzene	ND		9.8	1.4	ug/m3			11/24/25 15:33	1
1,2-Dibromoethane	ND		7.7	1.0	ug/m3			11/24/25 15:33	1
1,2-Dichlorobenzene	ND		6.0	1.2	ug/m3			11/24/25 15:33	1
1,2-Dichloroethane	ND		4.0	0.32	ug/m3			11/24/25 15:33	1
1,2-Dichloropropane	ND		4.6	0.60	ug/m3			11/24/25 15:33	1
1,3,5-Trimethylbenzene	ND		9.8	1.6	ug/m3			11/24/25 15:33	1
1,3-Butadiene	ND		2.2	0.38	ug/m3			11/24/25 15:33	1
1,3-Dichlorobenzene	ND		6.0	1.8	ug/m3			11/24/25 15:33	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/m3			11/24/25 15:33	1
2-Butanone	ND		2.9	0.62	ug/m3			11/24/25 15:33	1
2-Hexanone	ND		8.2	2.0	ug/m3			11/24/25 15:33	1
3-Chloroprene	ND		3.1	0.63	ug/m3			11/24/25 15:33	1
4-Ethyltoluene	ND		4.9	0.88	ug/m3			11/24/25 15:33	1
1,4-Dioxane	ND		3.6	0.61	ug/m3			11/24/25 15:33	1
4-Methyl-2-pentanone	ND		4.1	0.61	ug/m3			11/24/25 15:33	1
Acetone	ND		12	2.4	ug/m3			11/24/25 15:33	1
2-Chlorotoluene	ND		5.2	1.1	ug/m3			11/24/25 15:33	1
Benzene	ND		3.2	0.35	ug/m3			11/24/25 15:33	1
Bromodichloromethane	ND		6.7	2.7	ug/m3			11/24/25 15:33	1
Bromoform	ND		10	4.1	ug/m3			11/24/25 15:33	1
Bromomethane	ND		3.9	0.78	ug/m3			11/24/25 15:33	1
Carbon disulfide	ND		3.1	1.2	ug/m3			11/24/25 15:33	1
Carbon tetrachloride	ND		6.3	0.88	ug/m3			11/24/25 15:33	1
Chlorobenzene	ND		4.6	0.60	ug/m3			11/24/25 15:33	1
Chloroethane	ND		2.6	0.79	ug/m3			11/24/25 15:33	1
Chloroform	ND		4.9	0.45	ug/m3			11/24/25 15:33	1
Benzyl chloride	ND		10	1.6	ug/m3			11/24/25 15:33	1
Chloromethane	ND		2.1	0.83	ug/m3			11/24/25 15:33	1
cis-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			11/24/25 15:33	1
cis-1,3-Dichloropropene	ND		4.5	0.45	ug/m3			11/24/25 15:33	1
Bromoethene	ND		4.4	0.79	ug/m3			11/24/25 15:33	1
Dibromochloromethane	ND		8.5	3.4	ug/m3			11/24/25 15:33	1
Dichlorodifluoromethane	ND		4.9	0.64	ug/m3			11/24/25 15:33	1
Ethylbenzene	ND		4.3	0.83	ug/m3			11/24/25 15:33	1
Freon 113	ND		7.7	1.5	ug/m3			11/24/25 15:33	1
Freon-114	ND		7.0	0.84	ug/m3			11/24/25 15:33	1
Heptane	ND		4.1	0.94	ug/m3			11/24/25 15:33	1
Hexane	ND		3.5	1.1	ug/m3			11/24/25 15:33	1
Isooctane	ND		4.7	1.9	ug/m3			11/24/25 15:33	1
m&p-Xylene	ND		4.3	1.1	ug/m3			11/24/25 15:33	1
Cyclohexane	ND		3.4	0.69	ug/m3			11/24/25 15:33	1
Methyl t-butyl ether	ND		3.6	0.54	ug/m3			11/24/25 15:33	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-734732/7
Matrix: Air
Analysis Batch: 734732

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		6.9	0.87	ug/m3			11/24/25 15:33	1
o-Xylene	ND		4.3	0.83	ug/m3			11/24/25 15:33	1
Styrene	ND		4.3	0.85	ug/m3			11/24/25 15:33	1
Ethanol	ND		9.4	3.8	ug/m3			11/24/25 15:33	1
Tetrachloroethene	ND		14	1.7	ug/m3			11/24/25 15:33	1
Ethyl acetate	ND		7.2	0.90	ug/m3			11/24/25 15:33	1
Toluene	ND		3.8	1.5	ug/m3			11/24/25 15:33	1
trans-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			11/24/25 15:33	1
trans-1,3-Dichloropropene	ND		4.5	0.54	ug/m3			11/24/25 15:33	1
Trichloroethene	ND		5.4	0.97	ug/m3			11/24/25 15:33	1
Trichlorofluoromethane	ND		5.6	0.84	ug/m3			11/24/25 15:33	1
Vinyl chloride	ND		2.6	0.31	ug/m3			11/24/25 15:33	1
Hexachlorobutadiene	ND		21	5.0	ug/m3			11/24/25 15:33	1
Isopropanol	ND		2.5	1.5	ug/m3			11/24/25 15:33	1
Methyl methacrylate	ND		4.1	0.61	ug/m3			11/24/25 15:33	1
Propene	ND		1.7	0.52	ug/m3			11/24/25 15:33	1
tert-Butyl alcohol	ND		3.0	0.64	ug/m3			11/24/25 15:33	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			11/24/25 15:33	1
Vinyl acetate	ND		3.5	0.56	ug/m3			11/24/25 15:33	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.12	ppb v/v			11/24/25 15:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ppb v/v			11/24/25 15:33	1
1,1,2-Trichloroethane	ND		1.0	0.12	ppb v/v			11/24/25 15:33	1
1,1-Dichloroethane	ND		1.0	0.089	ppb v/v			11/24/25 15:33	1
1,1-Dichloroethene	ND		1.0	0.14	ppb v/v			11/24/25 15:33	1
1,2,4-Trichlorobenzene	ND		2.0	0.50	ppb v/v			11/24/25 15:33	1
1,2,4-Trimethylbenzene	ND		2.0	0.28	ppb v/v			11/24/25 15:33	1
1,2-Dibromoethane	ND		1.0	0.13	ppb v/v			11/24/25 15:33	1
1,2-Dichlorobenzene	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
1,2-Dichloroethane	ND		1.0	0.080	ppb v/v			11/24/25 15:33	1
1,2-Dichloropropane	ND		1.0	0.13	ppb v/v			11/24/25 15:33	1
1,3,5-Trimethylbenzene	ND		2.0	0.32	ppb v/v			11/24/25 15:33	1
1,3-Butadiene	ND		1.0	0.17	ppb v/v			11/24/25 15:33	1
1,3-Dichlorobenzene	ND		1.0	0.30	ppb v/v			11/24/25 15:33	1
1,4-Dichlorobenzene	ND		1.0	0.30	ppb v/v			11/24/25 15:33	1
2-Butanone	ND		1.0	0.21	ppb v/v			11/24/25 15:33	1
2-Hexanone	ND		2.0	0.50	ppb v/v			11/24/25 15:33	1
3-Chloroprene	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
4-Ethyltoluene	ND		1.0	0.18	ppb v/v			11/24/25 15:33	1
1,4-Dioxane	ND		1.0	0.17	ppb v/v			11/24/25 15:33	1
4-Methyl-2-pentanone	ND		1.0	0.15	ppb v/v			11/24/25 15:33	1
Acetone	ND		5.0	1.0	ppb v/v			11/24/25 15:33	1
2-Chlorotoluene	ND		1.0	0.22	ppb v/v			11/24/25 15:33	1
Benzene	ND		1.0	0.11	ppb v/v			11/24/25 15:33	1
Bromodichloromethane	ND		1.0	0.40	ppb v/v			11/24/25 15:33	1
Bromoform	ND		1.0	0.40	ppb v/v			11/24/25 15:33	1
Bromomethane	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
Carbon disulfide	ND		1.0	0.40	ppb v/v			11/24/25 15:33	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-734732/7
Matrix: Air
Analysis Batch: 734732

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.14	ppb v/v			11/24/25 15:33	1
Chlorobenzene	ND		1.0	0.13	ppb v/v			11/24/25 15:33	1
Chloroethane	ND		1.0	0.30	ppb v/v			11/24/25 15:33	1
Chloroform	ND		1.0	0.092	ppb v/v			11/24/25 15:33	1
Benzyl chloride	ND		2.0	0.30	ppb v/v			11/24/25 15:33	1
Chloromethane	ND		1.0	0.40	ppb v/v			11/24/25 15:33	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
cis-1,3-Dichloropropene	ND		1.0	0.10	ppb v/v			11/24/25 15:33	1
Bromoethene	ND		1.0	0.18	ppb v/v			11/24/25 15:33	1
Dibromochloromethane	ND		1.0	0.40	ppb v/v			11/24/25 15:33	1
Dichlorodifluoromethane	ND		1.0	0.13	ppb v/v			11/24/25 15:33	1
Ethylbenzene	ND		1.0	0.19	ppb v/v			11/24/25 15:33	1
Freon 113	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
Freon-114	ND		1.0	0.12	ppb v/v			11/24/25 15:33	1
Heptane	ND		1.0	0.23	ppb v/v			11/24/25 15:33	1
Hexane	ND		1.0	0.30	ppb v/v			11/24/25 15:33	1
Isooctane	ND		1.0	0.40	ppb v/v			11/24/25 15:33	1
m&p-Xylene	ND		1.0	0.26	ppb v/v			11/24/25 15:33	1
Cyclohexane	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
Methyl t-butyl ether	ND		1.0	0.15	ppb v/v			11/24/25 15:33	1
Methylene Chloride	ND		2.0	0.25	ppb v/v			11/24/25 15:33	1
o-Xylene	ND		1.0	0.19	ppb v/v			11/24/25 15:33	1
Styrene	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
Ethanol	ND		5.0	2.0	ppb v/v			11/24/25 15:33	1
Tetrachloroethene	ND		2.0	0.25	ppb v/v			11/24/25 15:33	1
Ethyl acetate	ND		2.0	0.25	ppb v/v			11/24/25 15:33	1
Toluene	ND		1.0	0.40	ppb v/v			11/24/25 15:33	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			11/24/25 15:33	1
trans-1,3-Dichloropropene	ND		1.0	0.12	ppb v/v			11/24/25 15:33	1
Trichloroethene	ND		1.0	0.18	ppb v/v			11/24/25 15:33	1
Trichlorofluoromethane	ND		1.0	0.15	ppb v/v			11/24/25 15:33	1
Vinyl chloride	ND		1.0	0.12	ppb v/v			11/24/25 15:33	1
Hexachlorobutadiene	ND		2.0	0.47	ppb v/v			11/24/25 15:33	1
Isopropanol	ND		1.0	0.60	ppb v/v			11/24/25 15:33	1
Methyl methacrylate	ND		1.0	0.15	ppb v/v			11/24/25 15:33	1
Propene	ND		1.0	0.30	ppb v/v			11/24/25 15:33	1
tert-Butyl alcohol	ND		1.0	0.21	ppb v/v			11/24/25 15:33	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			11/24/25 15:33	1
Vinyl acetate	ND		1.0	0.16	ppb v/v			11/24/25 15:33	1

Lab Sample ID: LCS 410-734732/4
Matrix: Air
Analysis Batch: 734732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	44.6		ug/m3		82	70 - 130
1,1,2,2-Tetrachloroethane	68.7	53.6		ug/m3		78	61 - 130
1,1,2-Trichloroethane	54.6	45.2		ug/m3		83	70 - 130
1,1-Dichloroethane	40.5	36.0		ug/m3		89	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-734732/4
Matrix: Air
Analysis Batch: 734732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	39.6	40.6		ug/m3		102	70 - 131
1,2,4-Trichlorobenzene	74.2	66.7		ug/m3		90	52 - 143
1,2,4-Trimethylbenzene	49.2	40.1		ug/m3		82	65 - 146
1,2-Dibromoethane	76.8	63.2		ug/m3		82	70 - 130
1,2-Dichlorobenzene	60.1	52.7		ug/m3		88	61 - 139
1,2-Dichloroethane	40.5	36.9		ug/m3		91	70 - 131
1,2-Dichloropropane	46.2	40.7		ug/m3		88	70 - 130
1,3,5-Trimethylbenzene	49.2	38.3		ug/m3		78	69 - 141
1,3-Butadiene	22.1	18.5		ug/m3		84	70 - 131
1,3-Dichlorobenzene	60.1	51.2		ug/m3		85	64 - 140
1,4-Dichlorobenzene	60.1	50.9		ug/m3		85	64 - 137
2-Butanone	29.5	22.1		ug/m3		75	70 - 130
2-Hexanone	41.0	30.2		ug/m3		74	57 - 141
3-Chloroprene	31.3	29.6		ug/m3		95	70 - 137
4-Ethyltoluene	49.2	40.4		ug/m3		82	69 - 139
1,4-Dioxane	36.0	31.1		ug/m3		86	70 - 130
4-Methyl-2-pentanone	41.0	31.3		ug/m3		76	68 - 133
Acetone	23.8	18.3		ug/m3		77	70 - 137
2-Chlorotoluene	51.8	42.4		ug/m3		82	70 - 130
Benzene	31.9	27.0		ug/m3		85	70 - 130
Bromodichloromethane	67.0	59.5		ug/m3		89	70 - 130
Bromoform	103	83.9		ug/m3		81	60 - 139
Bromomethane	38.8	35.4		ug/m3		91	70 - 140
Carbon disulfide	31.1	26.5		ug/m3		85	70 - 130
Carbon tetrachloride	62.9	51.0		ug/m3		81	70 - 130
Chlorobenzene	46.0	37.3		ug/m3		81	70 - 130
Chloroethane	26.4	21.4		ug/m3		81	70 - 131
Chloroform	48.8	44.3		ug/m3		91	70 - 130
Benzyl chloride	51.8	41.3		ug/m3		80	57 - 142
Chloromethane	20.7	17.5		ug/m3		85	64 - 138
cis-1,2-Dichloroethene	39.6	34.7		ug/m3		87	70 - 130
cis-1,3-Dichloropropene	45.4	38.5		ug/m3		85	70 - 130
Bromoethene	43.7	37.4		ug/m3		86	70 - 130
Dibromochloromethane	85.2	71.7		ug/m3		84	70 - 130
Dichlorodifluoromethane	49.5	40.4		ug/m3		82	70 - 131
Ethylbenzene	43.4	34.9		ug/m3		80	70 - 130
Freon 113	76.6	77.7		ug/m3		101	70 - 130
Freon-114	69.9	62.1		ug/m3		89	70 - 130
Heptane	41.0	35.2		ug/m3		86	70 - 130
Hexane	35.2	26.3		ug/m3		74	61 - 130
Isooctane	46.7	42.0		ug/m3		90	70 - 130
m&p-Xylene	43.4	36.1		ug/m3		83	70 - 130
Cyclohexane	34.4	28.8		ug/m3		84	61 - 130
Methyl t-butyl ether	36.1	30.6		ug/m3		85	70 - 130
Methylene Chloride	34.7	32.6		ug/m3		94	70 - 130
o-Xylene	43.4	33.0		ug/m3		76	70 - 130
Styrene	42.6	33.4		ug/m3		78	70 - 133
Ethanol	18.8	18.1		ug/m3		96	62 - 150
Tetrachloroethene	67.8	52.7		ug/m3		78	70 - 140

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-734732/4
Matrix: Air
Analysis Batch: 734732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate	36.0	26.6		ug/m3		74	70 - 130
Toluene	37.7	31.2		ug/m3		83	70 - 130
trans-1,2-Dichloroethene	39.6	33.5		ug/m3		85	70 - 130
trans-1,3-Dichloropropene	45.4	38.5		ug/m3		85	70 - 130
Trichloroethene	53.7	48.8		ug/m3		91	70 - 130
Trichlorofluoromethane	56.2	51.0		ug/m3		91	70 - 130
Vinyl chloride	25.6	23.6		ug/m3		93	70 - 135
Hexachlorobutadiene	107	94.1		ug/m3		88	40 - 157
Isopropanol	24.6	16.5		ug/m3		67	62 - 135
Methyl methacrylate	40.9	33.0		ug/m3		81	70 - 130
Propene	17.2	13.8		ug/m3		80	58 - 130
tert-Butyl alcohol	33.6	26.2		ug/m3		78	50 - 130
Tetrahydrofuran	29.5	24.6		ug/m3		84	54 - 143
Vinyl acetate	35.2	31.9		ug/m3		91	70 - 137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	10	8.17		ppb v/v		82	70 - 130
1,1,2,2-Tetrachloroethane	10	7.81		ppb v/v		78	61 - 130
1,1,2-Trichloroethane	10	8.28		ppb v/v		83	70 - 130
1,1-Dichloroethane	10	8.90		ppb v/v		89	70 - 130
1,1-Dichloroethene	10	10.2		ppb v/v		102	70 - 131
1,2,4-Trichlorobenzene	10	8.99		ppb v/v		90	52 - 143
1,2,4-Trimethylbenzene	10	8.15		ppb v/v		82	65 - 146
1,2-Dibromoethane	10	8.23		ppb v/v		82	70 - 130
1,2-Dichlorobenzene	10	8.77		ppb v/v		88	61 - 139
1,2-Dichloroethane	10	9.12		ppb v/v		91	70 - 131
1,2-Dichloropropane	10	8.80		ppb v/v		88	70 - 130
1,3,5-Trimethylbenzene	10	7.79		ppb v/v		78	69 - 141
1,3-Butadiene	10	8.37		ppb v/v		84	70 - 131
1,3-Dichlorobenzene	10	8.52		ppb v/v		85	64 - 140
1,4-Dichlorobenzene	10	8.47		ppb v/v		85	64 - 137
2-Butanone	10	7.50		ppb v/v		75	70 - 130
2-Hexanone	10	7.38		ppb v/v		74	57 - 141
3-Chloroprene	10	9.46		ppb v/v		95	70 - 137
4-Ethyltoluene	10	8.21		ppb v/v		82	69 - 139
1,4-Dioxane	10	8.62		ppb v/v		86	70 - 130
4-Methyl-2-pentanone	10	7.63		ppb v/v		76	68 - 133
Acetone	10	7.71		ppb v/v		77	70 - 137
2-Chlorotoluene	10	8.18		ppb v/v		82	70 - 130
Benzene	10	8.45		ppb v/v		85	70 - 130
Bromodichloromethane	10	8.89		ppb v/v		89	70 - 130
Bromoform	10	8.11		ppb v/v		81	60 - 139
Bromomethane	10	9.12		ppb v/v		91	70 - 140
Carbon disulfide	10	8.51		ppb v/v		85	70 - 130
Carbon tetrachloride	10	8.11		ppb v/v		81	70 - 130
Chlorobenzene	10	8.10		ppb v/v		81	70 - 130
Chloroethane	10	8.12		ppb v/v		81	70 - 131
Chloroform	10	9.07		ppb v/v		91	70 - 130
Benzyl chloride	10	7.97		ppb v/v		80	57 - 142

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-734732/4
Matrix: Air
Analysis Batch: 734732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	10	8.49		ppb v/v		85	64 - 138
cis-1,2-Dichloroethene	10	8.74		ppb v/v		87	70 - 130
cis-1,3-Dichloropropene	10	8.49		ppb v/v		85	70 - 130
Bromoethene	10	8.55		ppb v/v		86	70 - 130
Dibromochloromethane	10	8.41		ppb v/v		84	70 - 130
Dichlorodifluoromethane	10	8.17		ppb v/v		82	70 - 131
Ethylbenzene	10	8.03		ppb v/v		80	70 - 130
Freon 113	10	10.1		ppb v/v		101	70 - 130
Freon-114	10	8.89		ppb v/v		89	70 - 130
Heptane	10	8.60		ppb v/v		86	70 - 130
Hexane	10	7.45		ppb v/v		74	61 - 130
Isooctane	10	8.99		ppb v/v		90	70 - 130
m&p-Xylene	10	8.32		ppb v/v		83	70 - 130
Cyclohexane	10	8.37		ppb v/v		84	61 - 130
Methyl t-butyl ether	10	8.47		ppb v/v		85	70 - 130
Methylene Chloride	10	9.38		ppb v/v		94	70 - 130
o-Xylene	10	7.59		ppb v/v		76	70 - 130
Styrene	10	7.85		ppb v/v		78	70 - 133
Ethanol	10	9.61		ppb v/v		96	62 - 150
Tetrachloroethene	10	7.77		ppb v/v		78	70 - 140
Ethyl acetate	10	7.37		ppb v/v		74	70 - 130
Toluene	10	8.29		ppb v/v		83	70 - 130
trans-1,2-Dichloroethene	10	8.45		ppb v/v		85	70 - 130
trans-1,3-Dichloropropene	10	8.49		ppb v/v		85	70 - 130
Trichloroethene	10	9.08		ppb v/v		91	70 - 130
Trichlorofluoromethane	10	9.08		ppb v/v		91	70 - 130
Vinyl chloride	10	9.25		ppb v/v		93	70 - 135
Hexachlorobutadiene	10	8.82		ppb v/v		88	40 - 157
Isopropanol	10	6.72		ppb v/v		67	62 - 135
Methyl methacrylate	10	8.06		ppb v/v		81	70 - 130
Propene	10	8.02		ppb v/v		80	58 - 130
tert-Butyl alcohol	11	8.64		ppb v/v		78	50 - 130
Tetrahydrofuran	10	8.36		ppb v/v		84	54 - 143
Vinyl acetate	10	9.07		ppb v/v		91	70 - 137

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-253621-1
Project/Site: EMGPRP-31097

Air - GC/MS VOA

Analysis Batch: 734732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-253621-1	RCS-Aeration Tank Air	Total/NA	Air	TO-15	
410-253621-2	RCS-Lead Carbon Effluent	Total/NA	Air	TO-15	
410-253621-3	RCS-Lag Carbon Effluent	Total/NA	Air	TO-15	
410-253621-4	RCS-Combined Influent	Total/NA	Air	TO-15	
410-253621-5	RCS-Before Carbon	Total/NA	Air	TO-15	
MB 410-734732/7	Method Blank	Total/NA	Air	TO-15	
LCS 410-734732/4	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-253621-1

Client Sample ID: RCS-Aeration Tank Air

Lab Sample ID: 410-253621-1

Date Collected: 11/18/25 08:07
Matrix: Air
Date Received: 11/18/25 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		40	734732	D7UM	ELLE	11/24/25 21:26

Client Sample ID: RCS-Lead Carbon Effluent

Lab Sample ID: 410-253621-2

Date Collected: 11/18/25 08:25
Matrix: Air
Date Received: 11/18/25 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		4	734732	D7UM	ELLE	11/25/25 11:14

Client Sample ID: RCS-Lag Carbon Effluent

Lab Sample ID: 410-253621-3

Date Collected: 11/18/25 08:27
Matrix: Air
Date Received: 11/18/25 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	734732	D7UM	ELLE	11/25/25 10:06

Client Sample ID: RCS-Combined Influent

Lab Sample ID: 410-253621-4

Date Collected: 11/18/25 08:20
Matrix: Air
Date Received: 11/18/25 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		4	734732	D7UM	ELLE	11/25/25 10:29

Client Sample ID: RCS-Before Carbon

Lab Sample ID: 410-253621-5

Date Collected: 11/18/25 07:40
Matrix: Air
Date Received: 11/18/25 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		4	734732	D7UM	ELLE	11/25/25 10:51

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-253621-1
Project/Site: EMGPRP-31097

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	2-Hexanone
TO-15		Air	4-Ethyltoluene
TO-15		Air	Ethanol
TO-15		Air	Ethyl acetate
TO-15		Air	Propene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-253621-1
Project/Site: EMGPRP-31097

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Summa Canister Field Test Data

410-253621 Chain of Custody

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For Eurofins Lancaster Laboratories Environmental use only

Acct. # _____ Group # _____ Sample # _____ Bottle Order (SCR) # _____

Client Information

Client Information: Roux Environmental Engineering and Geology, D.P.C. Account #

Project Name/#: EMGPRP-31097 Eurofins - EMES Agreement #: A2604415

Project Manager: Jacqueline Carames P.O. #: WAL#5199

Sampler: Mike Smith Quote #

Name of state where samples were collected: NY

Turnaround Time Requested (TAT) (circle one)

(Standard) Rush (specify) _____

Data Package Required? Yes (No)

EDD Required? (Yes) No

	Temperature (F)		Pressure ("Hg)	
	Start	Stop	Start	Stop
Ambient				
Maximum				
Minimum				

Sample Identification	Start Date/Time (24-hour clock)		Stop Date/Time (24-hour clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure In Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Flow Reg. ID	Can ID	Can Size (L)	Controller Flowrate (mL/min)	Analyses Requested: EPA TO - 15	EPA 18/EPA 25 (TPH and methane)		Helium as tracer	O2/CO2	Library Search	
RCS-Aeration Tank Air	11/18/2025	8:07	--	-30	--			Grab	868	6	--	X						
RCS-Lead Carbon Effluent	11/18/2025	8:25	--	-30	--			Grab	1411	6	--	X						
RCS-Lag Carbon Effluent	11/18/2025	8:27	--	-30	--			Grab	1395	6	--	X						
RCS-Combined Influent	11/18/2025	8:20	--	-30	--			Grab	3339	6	--	X						
RCS-Before Carbon	11/18/2025	7:40	--	-30	--			Grab	4826	6	--	X						

Instructions/QC Requirements & Comments

EPA 25 (check one) ☐ C1 - C4 ☐ C2 - C10 ☐ C1 - C10 ☐ C4 - C10 (GRO) ☐ C2 - C4

Canisters Shipped by:	Date/Time:	Canisters Received by:	Date/Time:	Relinquished by:	Date/Time: 11/18/25 1322	Received by: mA 11.18.25	Date/Time: 1325
Relinquished by: mA 11.18.25	Date/Time: 16:40	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time: 11/18/25 1640

Eurofins Lancaster Laboratories Environmental, LLC • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300

The white copy should accompany samples to Eurofins Lancaster Laboratories Environmental. The yellow copy should be retained by the client.

7056 1015

received unchilled

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 410-253621-1

Login Number: 253621

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Renner, Melissa

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	N/A	
Cooler Temperature is recorded.	N/A	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-253621-1
Project/Site: EMGPRP-31097

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Summa Canister Dilution Worksheet

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job No.: 410-253621-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
410-253621-1	6	0.49	1.02	6.10	15.10	2.03	12.16		1.99	1.99		11/20/25 20:15	XU8K
410-253621-2	6	1.71	1.06	6.34	16.28	2.11	12.64		1.99	1.99		11/20/25 20:15	XU8K
410-253621-3	6	1.22161	1.04	6.24	15.9	2.08	12.49		2.00	2.00		11/20/25 20:10	XU8K
410-253621-4	6	1.92	1.06	6.39	16.56	2.13	12.76		2.00	2.00		11/20/25 20:15	XU8K
410-253621-5	6	-1.43	0.95	5.71	13.21	1.90	11.39		1.99	1.99		11/20/25 20:16	XU8K

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-250789-1

SDG No.:

Client Sample ID: 4557 Lab Sample ID: 410-250789-1

Matrix: Air Lab File ID: 7O29X21.D

Analysis Method: TO-15 Date Collected: 10/23/2025 13:05

Sample wt/vol: 200(mL) Date Analyzed: 10/31/2025 03:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 722307 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	0.21	J	1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	2.3	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-250789-1

SDG No.:

Client Sample ID: 4557 Lab Sample ID: 410-250789-1

Matrix: Air Lab File ID: 7O29X21.D

Analysis Method: TO-15 Date Collected: 10/23/2025 13:05

Sample wt/vol: 200(mL) Date Analyzed: 10/31/2025 03:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 722307 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-250789-1

SDG No.:

Client Sample ID: 4557 Lab Sample ID: 410-250789-1

Matrix: Air Lab File ID: 7O29X21.D

Analysis Method: TO-15 Date Collected: 10/23/2025 13:05

Sample wt/vol: 200(mL) Date Analyzed: 10/31/2025 03:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 722307 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND	*+	1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251030-165066.b\7O29X21.D
Lims ID: 410-250789-A-1
Client ID: 4557
Sample Type: Client
Inject. Date: 31-Oct-2025 03:23:38 ALS Bottle#: 6 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc4557
Misc. Info.: 410-0165066-021
Operator ID: AL109694 Instrument ID: HP8R004

Method: \\chromfs\Lancaster\ChromData\HP8R004\20251030-165066.b\TO15_HP8R004.m
Limit Group: MSV - TO15
Last Update: 05-Nov-2025 11:15:50 Calib Date: 19-Sep-2025 09:55:02
Integrator: Falcon ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\7S18X25.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1630

First Level Reviewer: D7UM Date: 31-Oct-2025 08:22:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.333	3.314	0.021	87	2832	0.1403	
11 Pentane	43	5.597	5.587	0.015	86	13833	0.3010	
19 Acrolein	56	6.170	6.146	0.029	30	2462	0.2865	7M
23 Acetone	43	6.385	6.375	0.015	98	97844	2.32	
25 Hexane	56	8.118	8.110	0.014	77	3325	0.1546	
43 2-Butanone (MEK)	72	9.185	9.185	0.007	88	2371	0.2055	
* 35 Chlorobromomethane (IS)	130	9.615	9.608	0.007	90	265715	10.0	
36 Cyclohexane	56	10.217	10.196	0.029	45	6319	0.1603	
46 Benzene	78	10.589	10.596	0.000	1	4510	0.0571	
* 50 1,4-Difluorobenzene	114	11.213	11.212	0.001	96	982243	10.0	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	90	902145	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

AIRIS200 ppb_00551 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Nov-2025 11:53:09 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\HP8R004\20251030-165066.b\7O29X21.D

Injection Date: 31-Oct-2025 03:23:38 Instrument ID: HP8R004

Lims ID: 410-250789-A-1 Lab Sample ID: 410-250789-1

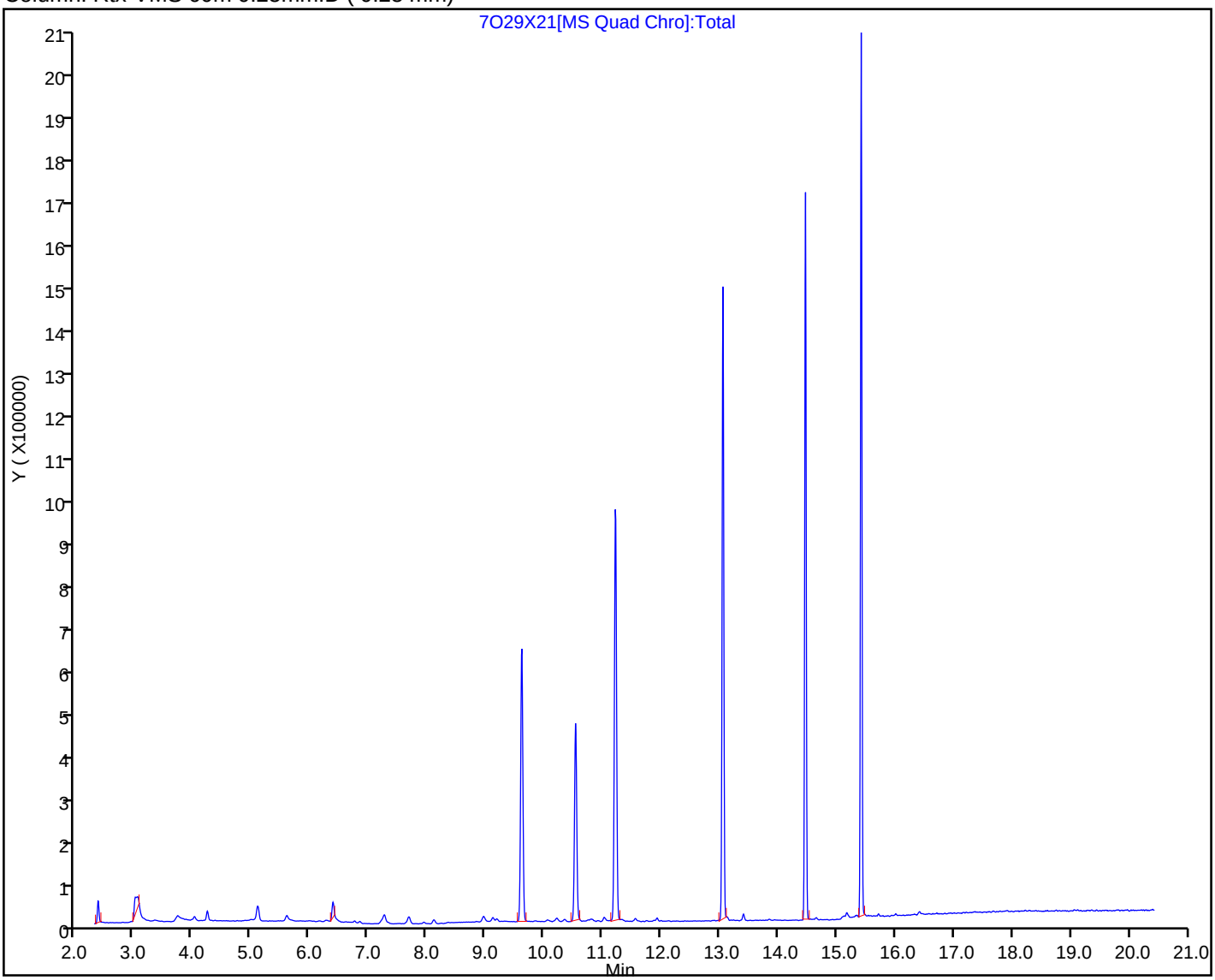
Client ID: 4557

Operator ID: AL109694 ALS Bottle#: 6 Worklist Smp#: 21

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_HP8R004 Limit Group: MSV - TO15

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

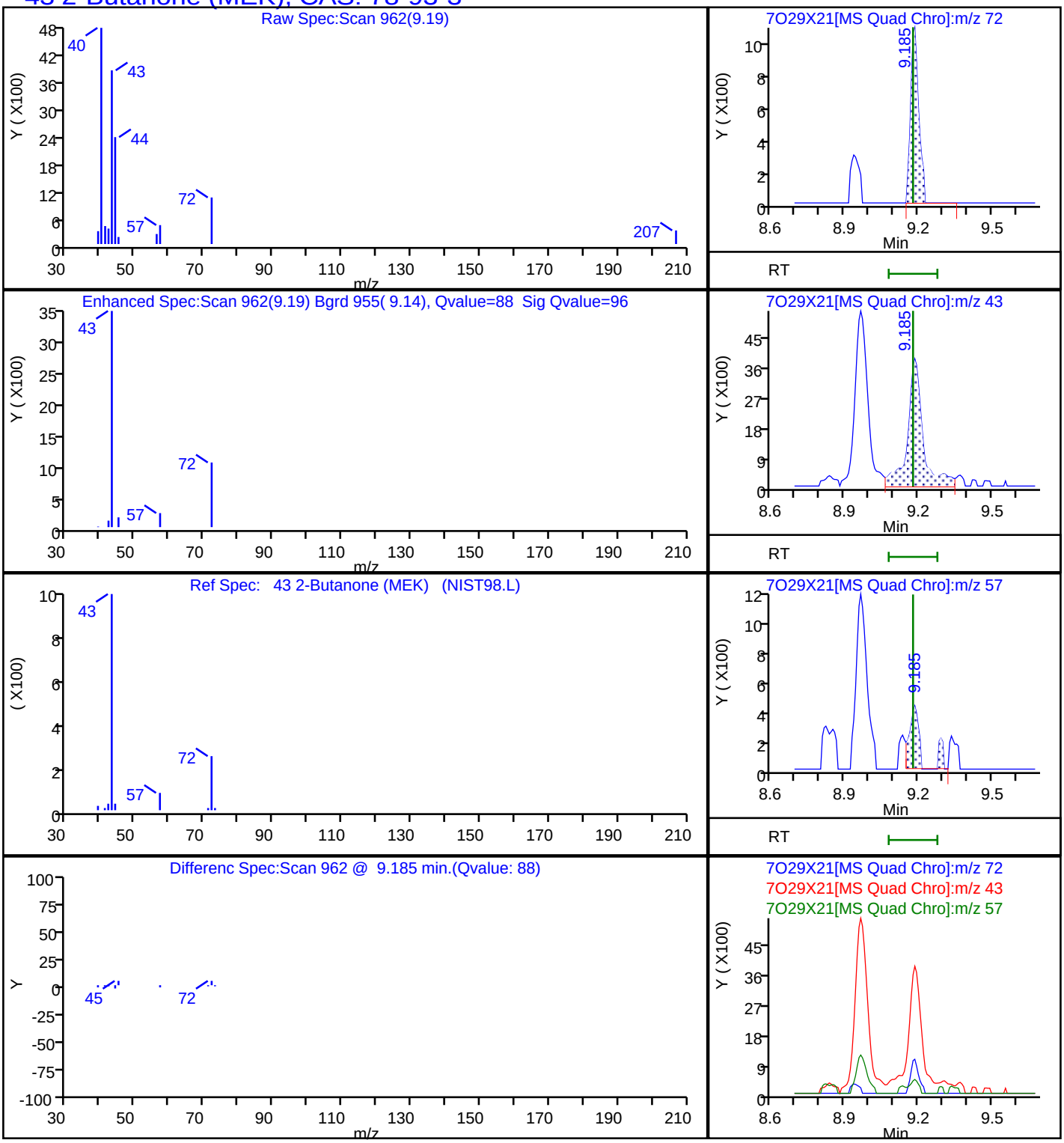


Report Date: 12-Nov-2025 11:53:09 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20251030-165066.b\7O29X21.D				
Injection Date:	31-Oct-2025 03:23:38	Instrument ID:	HP8R004		
Lims ID:	410-250789-A-1	Lab Sample ID:	410-250789-1		
Client ID:	4557				
Operator ID:	AL109694	ALS Bottle#:	6	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

43 2-Butanone (MEK), CAS: 78-93-3

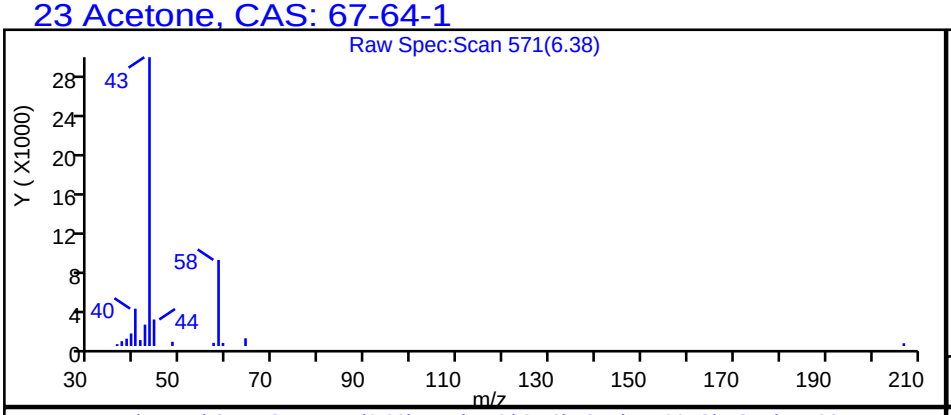


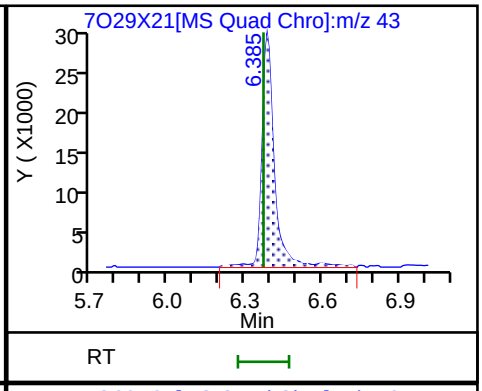
Report Date: 12-Nov-2025 11:53:09 Chrom Revision: 2.3 17-Oct-2025 18:32:50

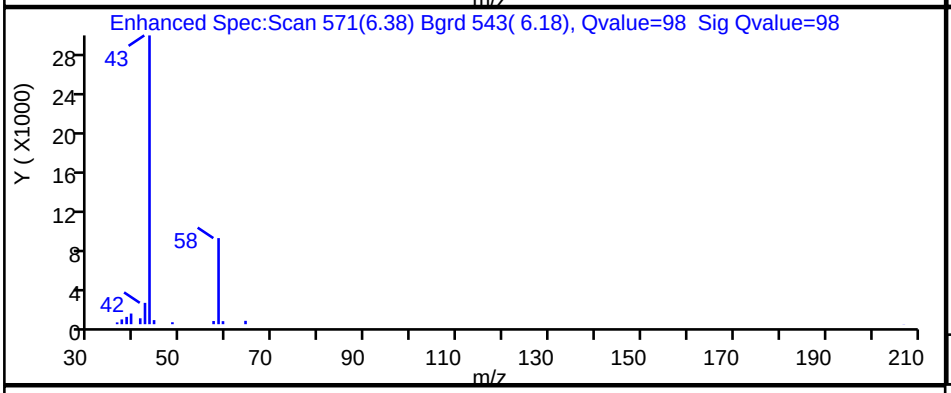
Eurofins Lancaster Laboratories Environment Testing, LLC

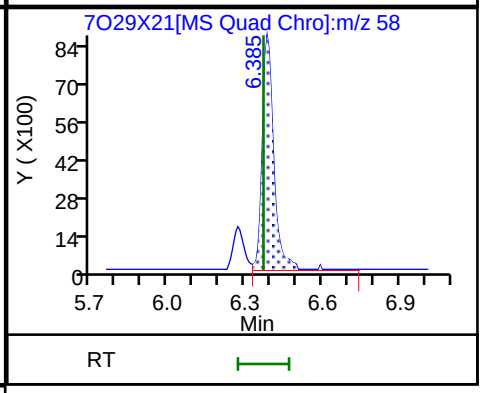
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20251030-165066.b\7O29X21.D				
Injection Date:	31-Oct-2025 03:23:38	Instrument ID:	HP8R004		
Lims ID:	410-250789-A-1	Lab Sample ID:	410-250789-1		
Client ID:	4557				
Operator ID:	AL109694	ALS Bottle#:	6	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

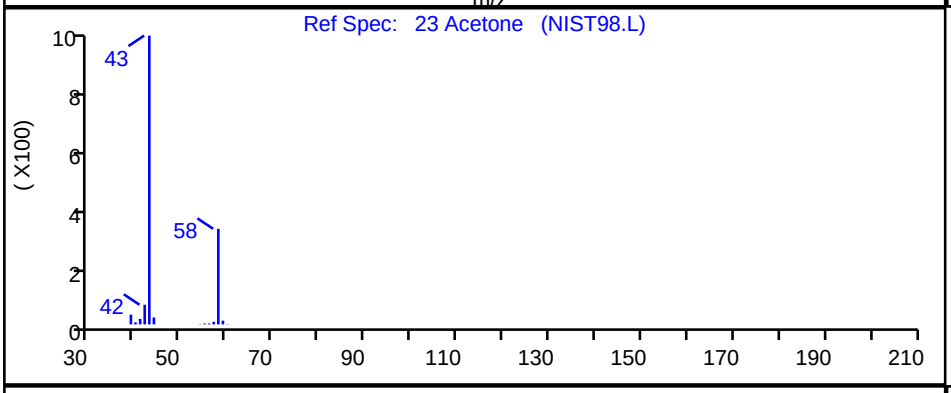
23 Acetone, CAS: 67-64-1

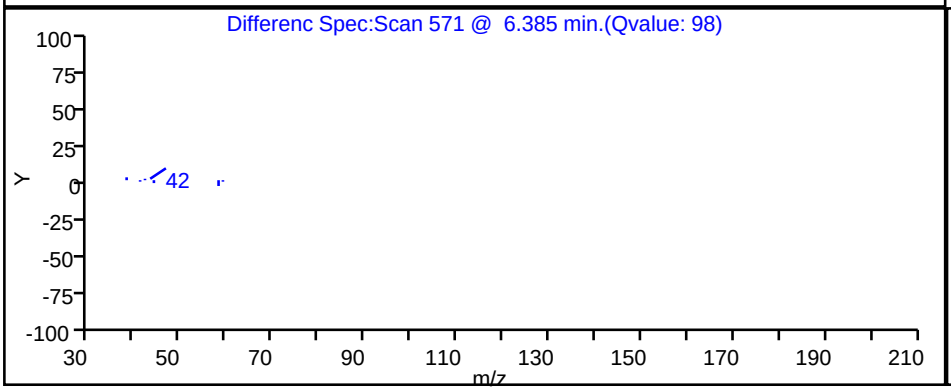


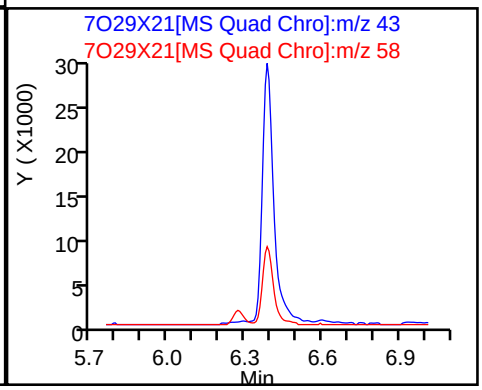












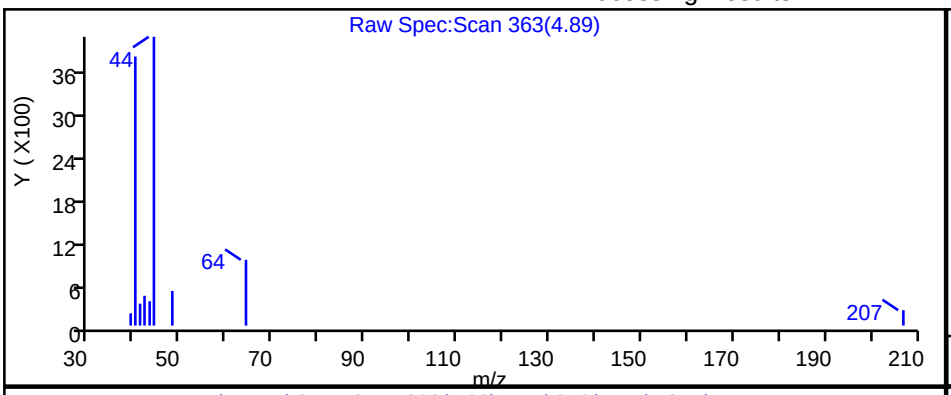
User Disabled Compound Report

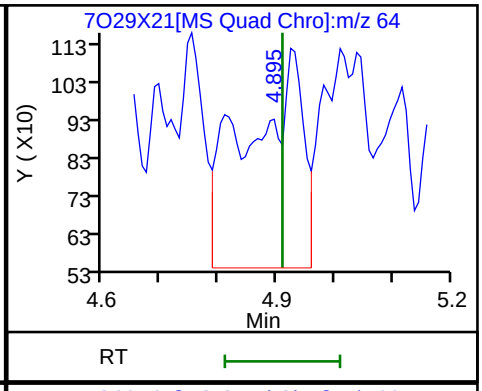
Eurofins Lancaster Laboratories Environment Testing, LLC

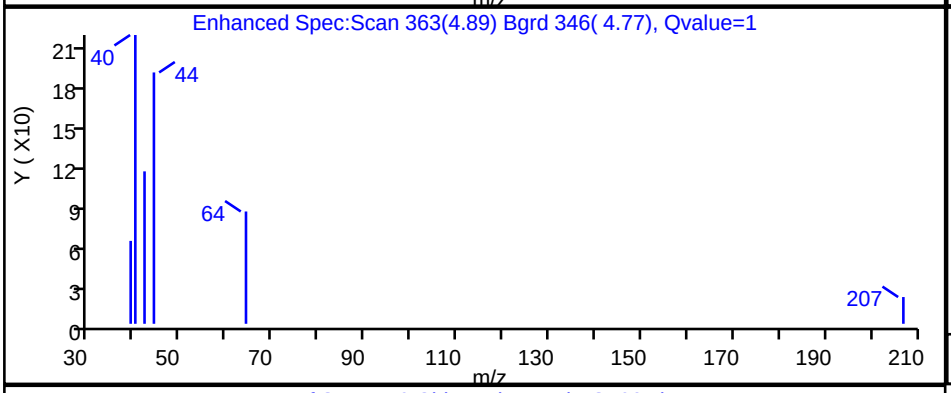
Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20251030-165066.b\7O29X21.D				
Injection Date:	31-Oct-2025 03:23:38	Instrument ID:	HP8R004		
Lims ID:	410-250789-A-1	Lab Sample ID:	410-250789-1		
Client ID:	4557				
Operator ID:	AL109694	ALS Bottle#:	6	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

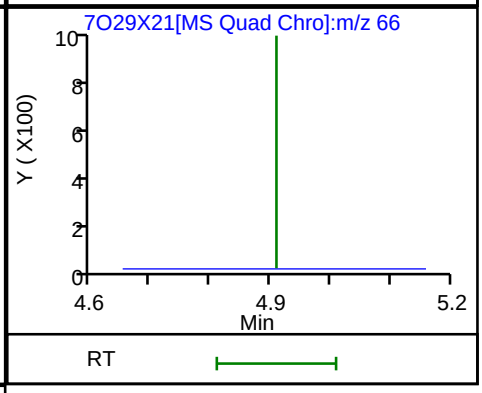
9 Chloroethane, CAS: 75-00-3

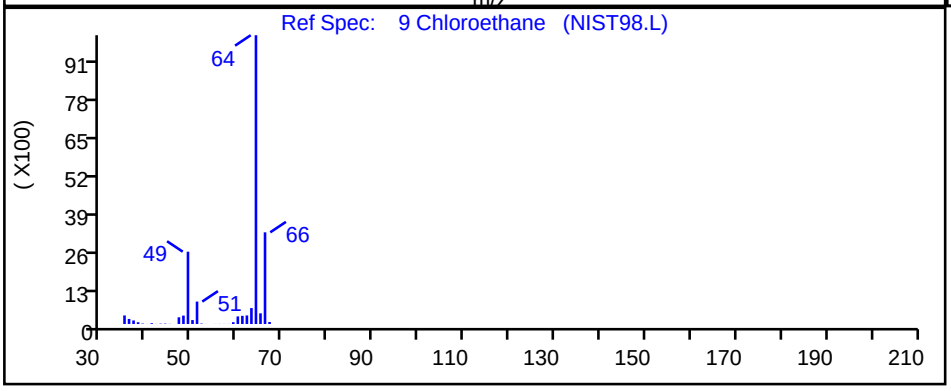
Processing Results











RT	Mass	Response	Amount
4.89	64.00	3809	0.285631
4.91	66.00	0	

Reviewer: D7UM, 31-Oct-2025 08:21:04 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

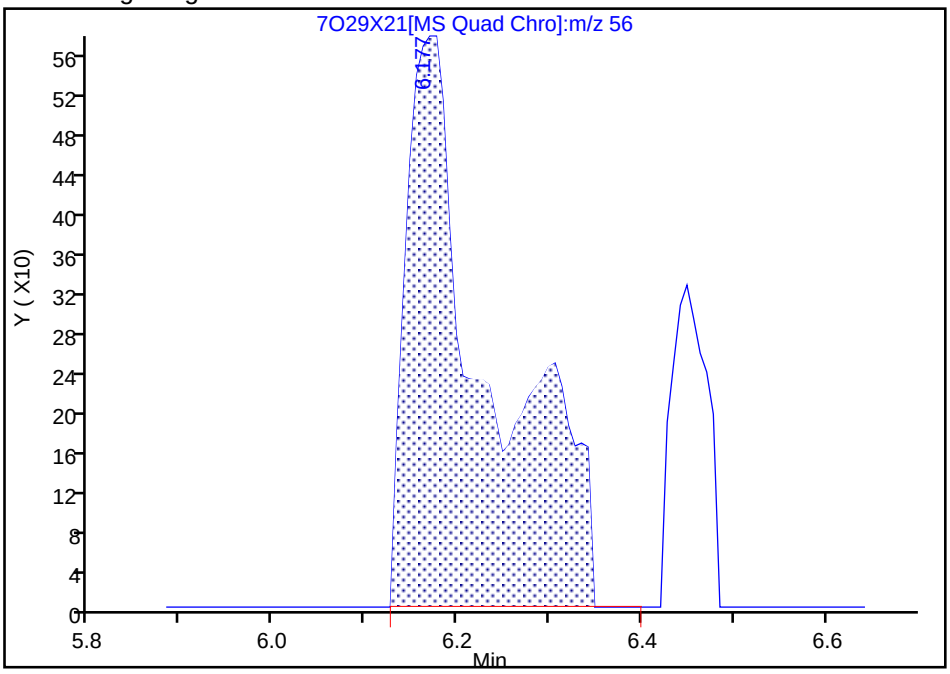
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Injection Date:	31-Oct-2025 03:23:38	Instrument ID:	HP8R004		
Lims ID:	410-250789-A-1	Lab Sample ID:	410-250789-1		
Client ID:	4557				
Operator ID:	AL109694	ALS Bottle#:	6	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

19 Acrolein, CAS: 107-02-8

Signal: 1

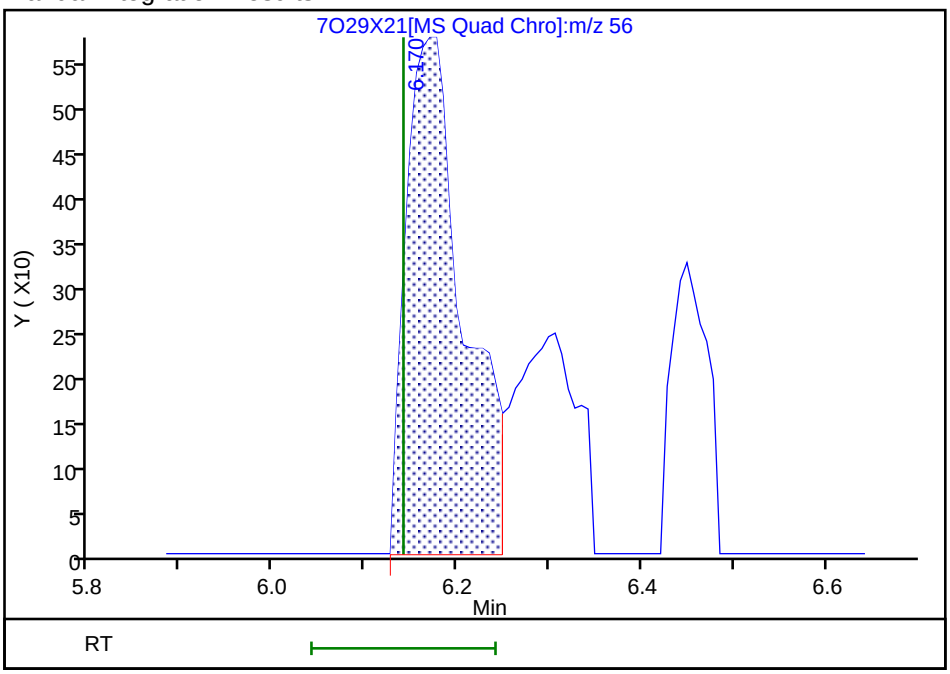
Processing Integration Results

RT: 6.18
Area: 3599
Amount: 0.418875
Amount Units: ppb v/v



Manual Integration Results

RT: 6.17
Area: 2462
Amount: 0.286543
Amount Units: ppb v/v



Reviewer: D7UM, 31-Oct-2025 08:21:12 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-250791-1

SDG No.:

Client Sample ID: 1637 Lab Sample ID: 410-250791-1

Matrix: Air Lab File ID: 7O29X20.D

Analysis Method: TO-15 Date Collected: 10/17/2025 03:35

Sample wt/vol: 200(mL) Date Analyzed: 10/31/2025 02:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 722307 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	1.1	J	5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-250791-1

SDG No.:

Client Sample ID: 1637 Lab Sample ID: 410-250791-1

Matrix: Air Lab File ID: 7O29X20.D

Analysis Method: TO-15 Date Collected: 10/17/2025 03:35

Sample wt/vol: 200(mL) Date Analyzed: 10/31/2025 02:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 722307 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-250791-1

SDG No.:

Client Sample ID: 1637 Lab Sample ID: 410-250791-1

Matrix: Air Lab File ID: 7O29X20.D

Analysis Method: TO-15 Date Collected: 10/17/2025 03:35

Sample wt/vol: 200(mL) Date Analyzed: 10/31/2025 02:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 722307 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND	*+	1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND	*+	5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20251030-165066.b\7O29X20.D				
Lims ID:	410-250791-A-1				
Client ID:	1637				
Sample Type:	Client				
Inject. Date:	31-Oct-2025 02:53:15	ALS Bottle#:	5	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc1637				
Misc. Info.:	410-0165066-020				
Operator ID:	AL109694	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20251030-165066.b\TO15_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	05-Nov-2025 11:15:50	Calib Date:	19-Sep-2025 09:55:02		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20250918-160224.b\7S18X25.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1630				
First Level Reviewer: D7UM		Date:	31-Oct-2025 08:14:18		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	3.326	3.314	0.014	72	1717	0.0841	M
11 Pentane	43	5.582	5.587	0.000	89	17919	0.3856	
23 Acetone	43	6.377	6.375	0.007	97	48547	1.14	M
25 Hexane	56	8.097	8.110	-0.007	78	4837	0.2224	
43 2-Butanone (MEK)	72	9.178	9.185	0.000	85	1360	0.1166	
* 35 Chlorobromomethane (IS)	130	9.608	9.608	0.000	90	268699	10.0	
36 Cyclohexane	56	10.210	10.196	0.022	49	7709	0.1934	
* 50 1,4-Difluorobenzene	114	11.212	11.212	0.000	96	1004578	10.0	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.464	0.001	90	922312	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

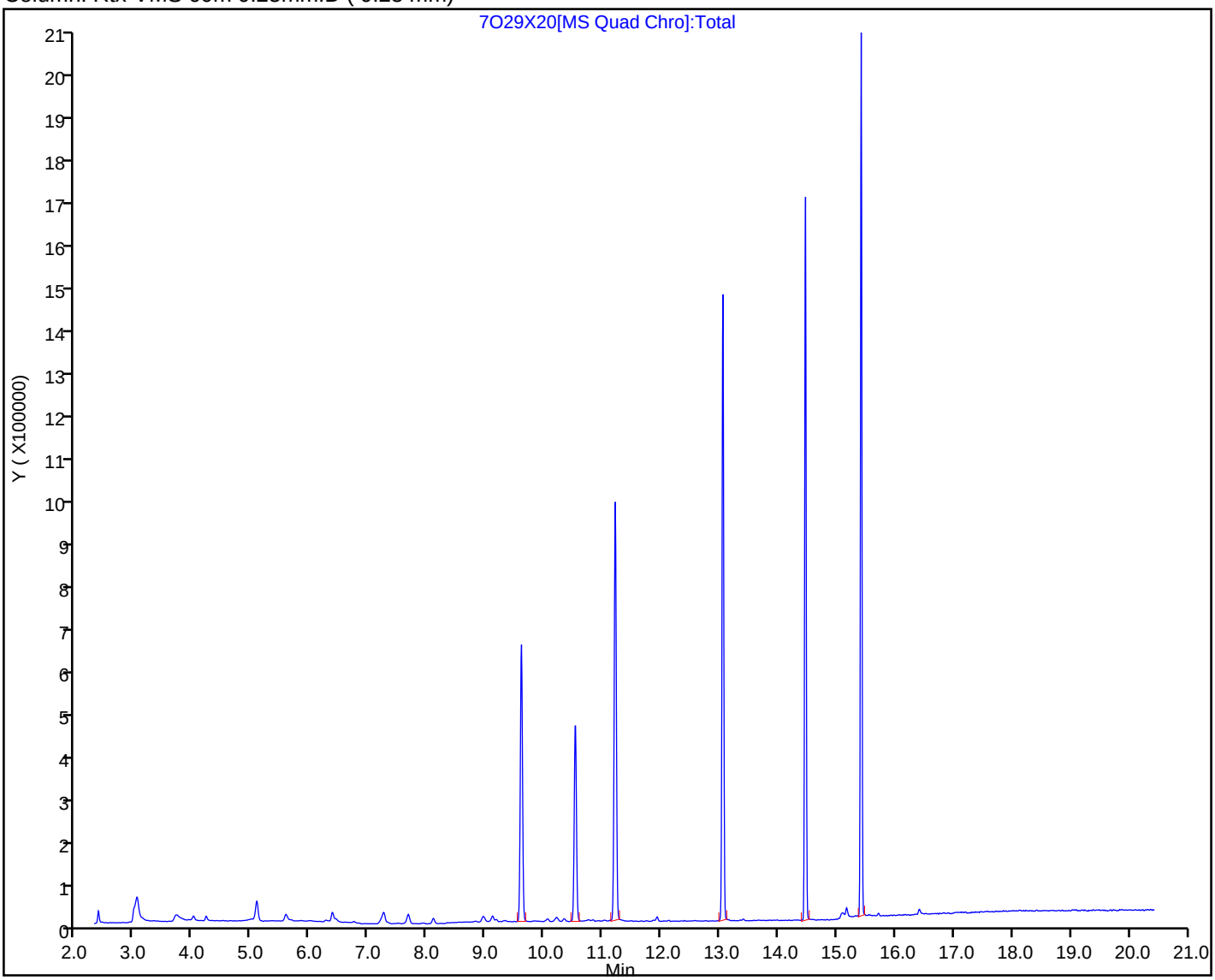
AIRIS200 ppb_00551 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 12-Nov-2025 11:53:06 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20251030-165066.b\7O29X20.D				
Injection Date:	31-Oct-2025 02:53:15	Instrument ID:	HP8R004		
Lims ID:	410-250791-A-1	Lab Sample ID:	410-250791-1		
Client ID:	1637				
Operator ID:	AL109694	ALS Bottle#:	5	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

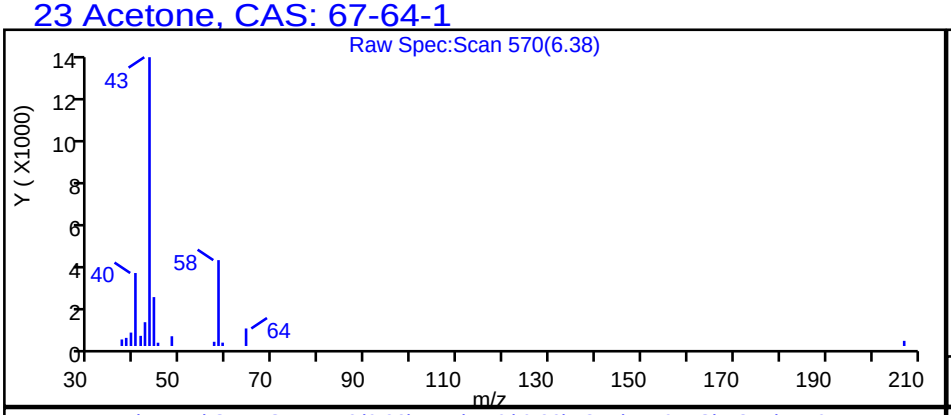


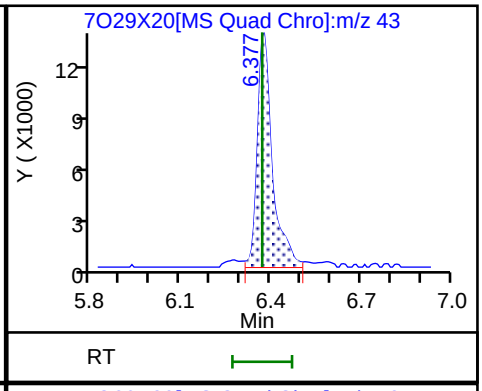
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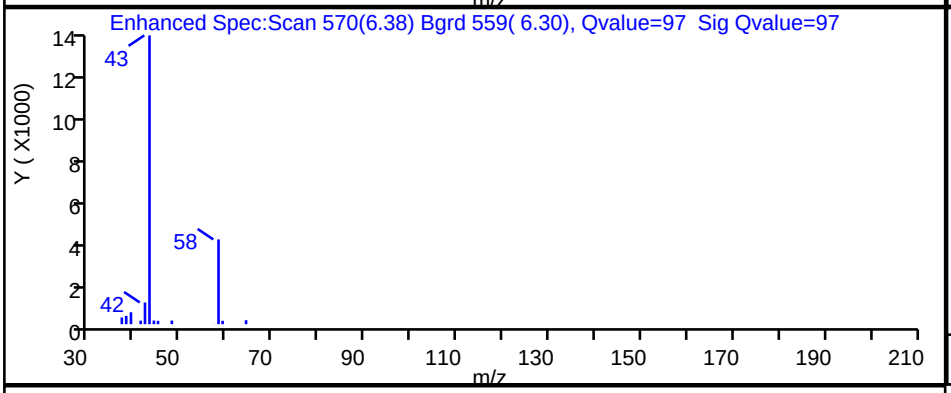
Eurofins Lancaster Laboratories Environment Testing, LLC

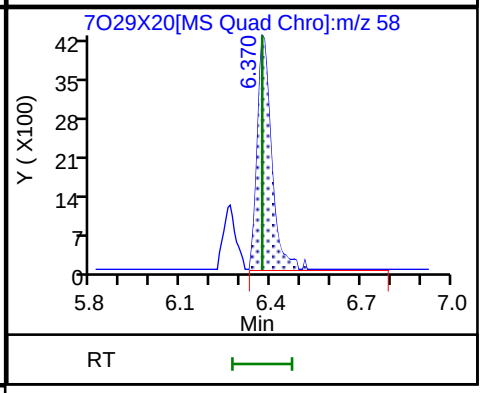
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Lims ID:	410-250791-A-1	Lab Sample ID:	410-250791-1		
Client ID:	1637				
Operator ID:	AL109694	ALS Bottle#:	5	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

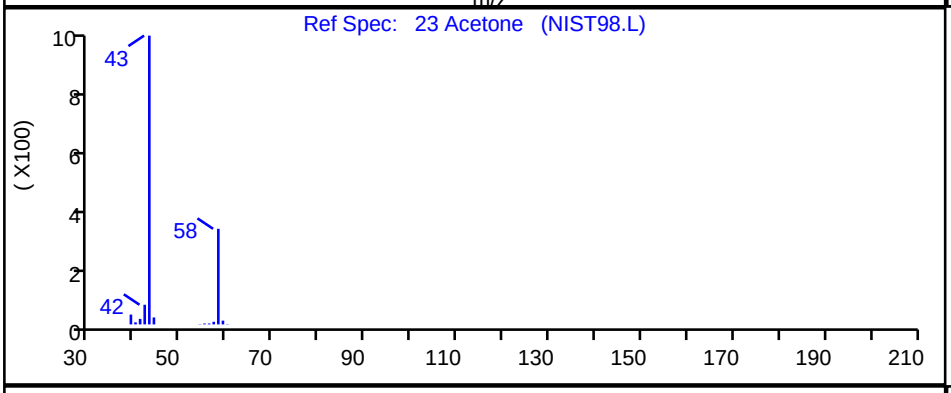
23 Acetone, CAS: 67-64-1

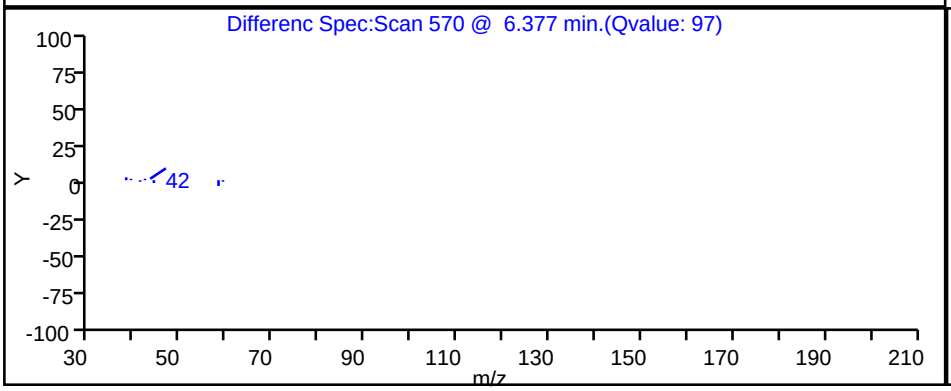


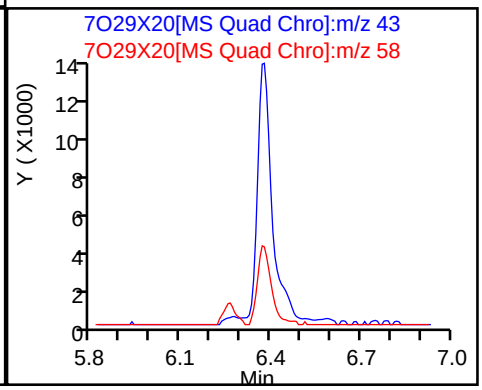












Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

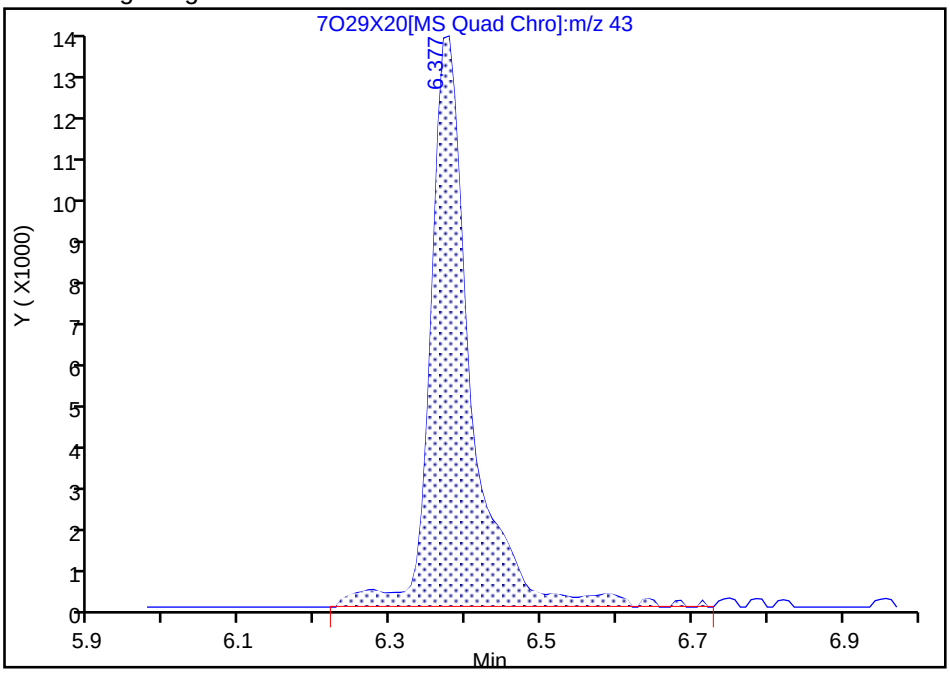
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Lims ID:	410-250791-A-1	Lab Sample ID:	410-250791-1		
Client ID:	1637				
Operator ID:	AL109694	ALS Bottle#:	5	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetone, CAS: 67-64-1

Signal: 1

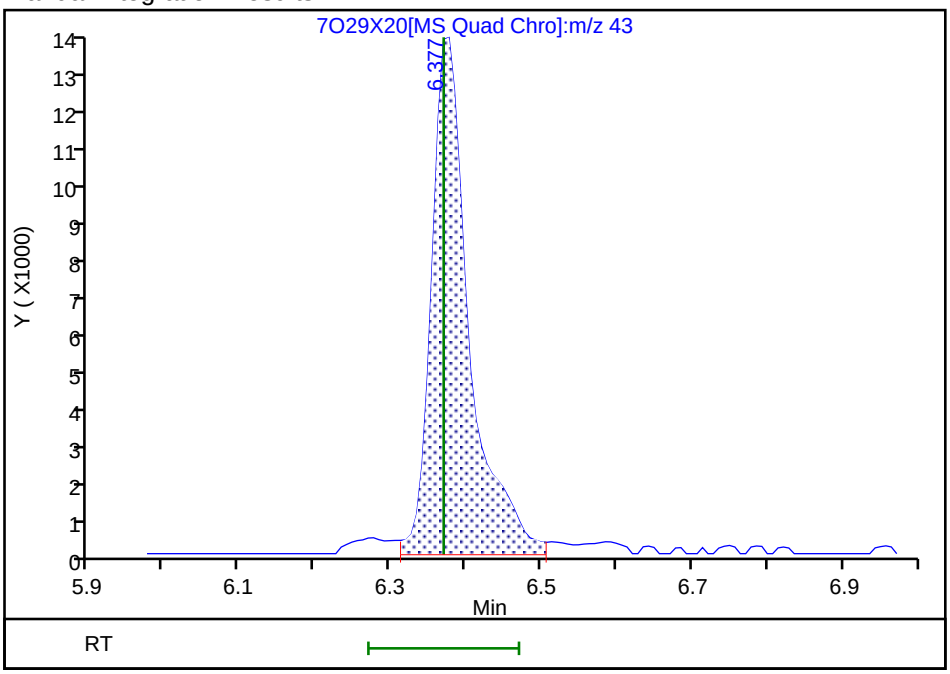
Processing Integration Results

RT: 6.38
Area: 52516
Amount: 1.229385
Amount Units: ppb v/v



Manual Integration Results

RT: 6.38
Area: 48547
Amount: 1.136471
Amount Units: ppb v/v



Reviewer: D7UM, 31-Oct-2025 08:16:17 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

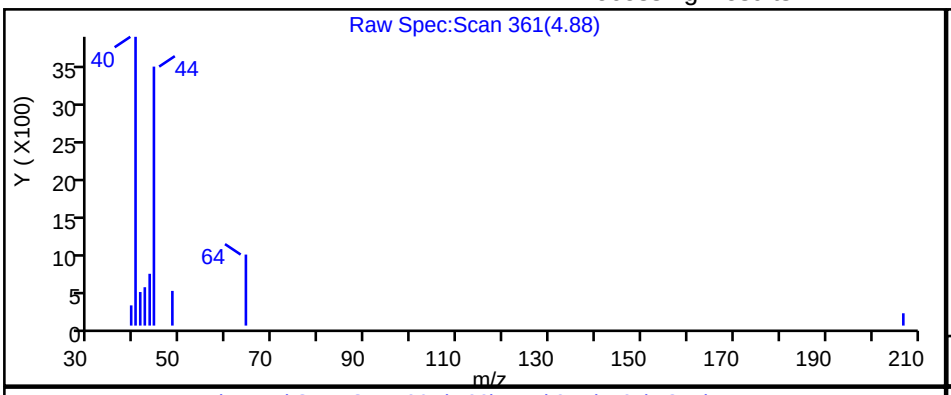
User Disabled Compound Report

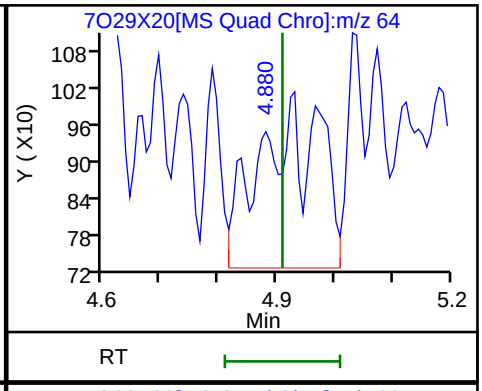
Eurofins Lancaster Laboratories Environment Testing, LLC

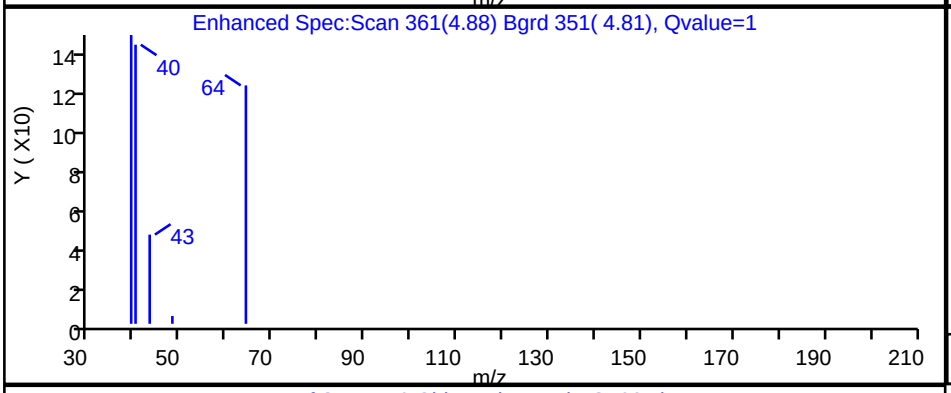
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Lims ID:	410-250791-A-1	Lab Sample ID:	410-250791-1		
Client ID:	1637				
Operator ID:	AL109694	ALS Bottle#:	5	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

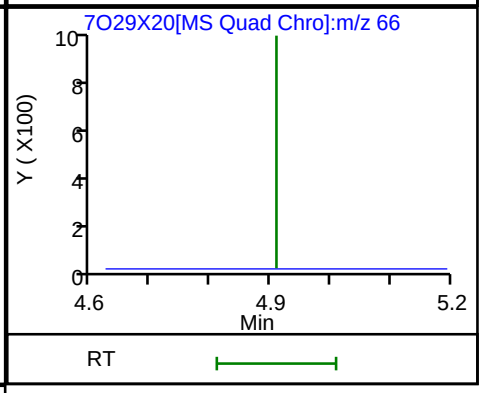
9 Chloroethane, CAS: 75-00-3

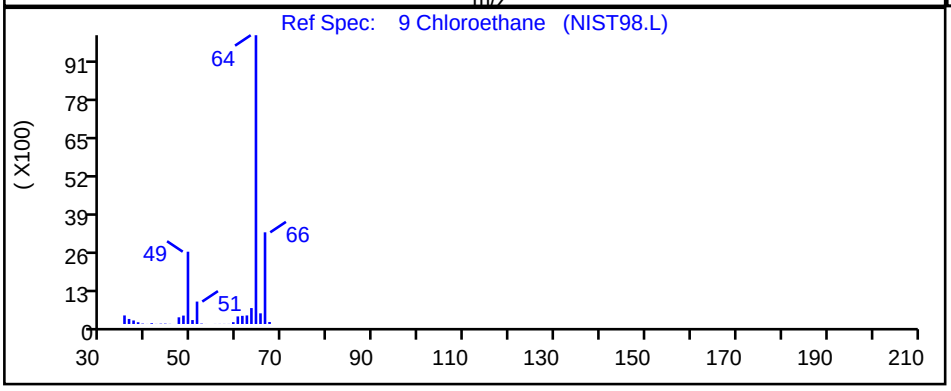
Processing Results











RT	Mass	Response	Amount
4.88	64.00	2005	0.148682
4.91	66.00	0	

Reviewer: D7UM, 31-Oct-2025 08:15:08 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

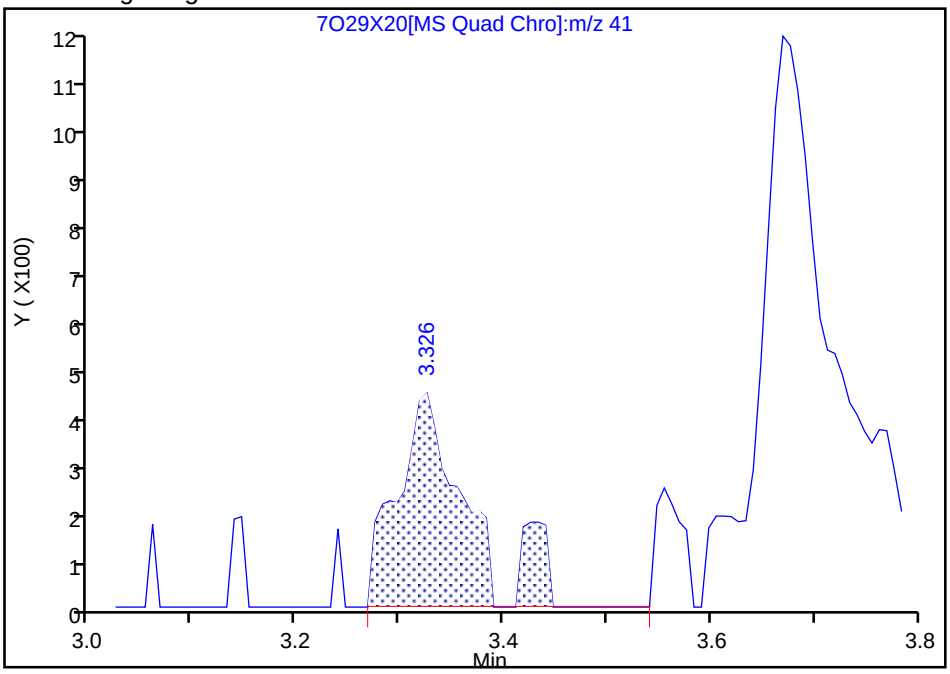
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Injection Date:	31-Oct-2025 02:53:15	Instrument ID:	HP8R004		
Lims ID:	410-250791-A-1	Lab Sample ID:	410-250791-1		
Client ID:	1637				
Operator ID:	AL109694	ALS Bottle#:	5	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

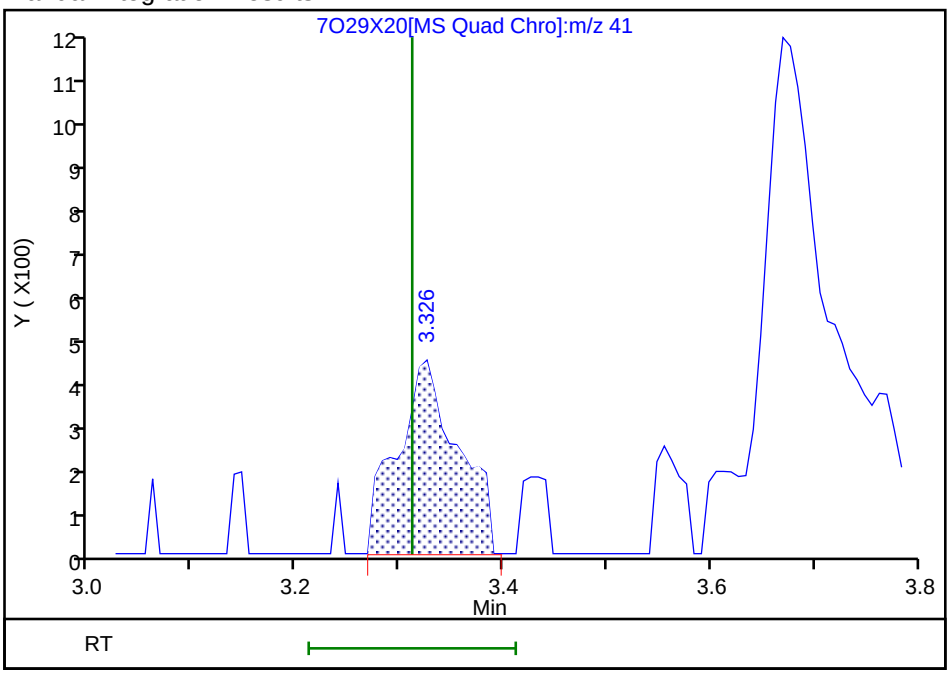
Processing Integration Results

RT: 3.33
Area: 1996
Amount: 0.097753
Amount Units: ppb v/v



Manual Integration Results

RT: 3.33
Area: 1717
Amount: 0.084089
Amount Units: ppb v/v



Reviewer: D7UM, 31-Oct-2025 08:14:57 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

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ANALYTICAL REPORT

PREPARED FOR

Attn: Natalia Barragan-Valderrama
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 12/31/2025 1:38:27 PM

JOB DESCRIPTION

EMGPRP-31097

JOB NUMBER

410-257071-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

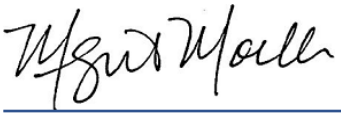
See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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12/31/2025 1:38:27 PM

Authorized for release by
Megan Moeller, Client Services Manager
Megan.Moeller@et.eurofinsus.com
(717)556-7261

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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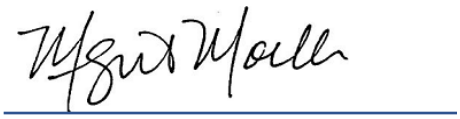


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Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-257071-1
Project/Site: EMGPRP-31097

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-257071-1	RCS-Aeration Tank Air	Air	12/10/25 08:55	12/10/25 20:30	Air Canister (6-Liter) #5150
410-257071-2	RCS-Lead Carbon Effluent	Air	12/10/25 08:49	12/10/25 20:30	Air Canister (6-Liter) #4673
410-257071-3	RCS-Lag Carbon Effluent	Air	12/10/25 08:51	12/10/25 20:30	Air Canister (6-Liter) #1216
410-257071-4	RCS-Combined Influent	Air	12/10/25 09:00	12/10/25 20:30	Air Canister (6-Liter) #876
410-257071-5	RCS-Before Carbon	Air	12/10/25 08:45	12/10/25 20:30	Air Canister (6-Liter) #1406

Job ID: 410-257071-1 — Eurofins Lancaster Laboratories Environment

Job Narrative
410-257071-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/10/2025 8:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Air - GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Aeration Tank Air

Lab Sample ID: 410-257071-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	34	J	160	14	ug/m3	40		TO-15	Total/NA
1,1-Dichloroethene	24	J	160	22	ug/m3	40		TO-15	Total/NA
1,2,4-Trimethylbenzene	300	J	390	55	ug/m3	40		TO-15	Total/NA
1,2-Dichloroethane	54	J	160	13	ug/m3	40		TO-15	Total/NA
1,3,5-Trimethylbenzene	220	J	390	63	ug/m3	40		TO-15	Total/NA
4-Ethyltoluene	130	J	200	35	ug/m3	40		TO-15	Total/NA
Benzene	4300		130	14	ug/m3	40		TO-15	Total/NA
cis-1,2-Dichloroethene	1600		160	32	ug/m3	40		TO-15	Total/NA
Ethylbenzene	240		170	33	ug/m3	40		TO-15	Total/NA
Heptane	690		160	38	ug/m3	40		TO-15	Total/NA
Hexane	1100		140	42	ug/m3	40		TO-15	Total/NA
Isooctane	280		190	75	ug/m3	40		TO-15	Total/NA
m&p-Xylene	1300		170	45	ug/m3	40		TO-15	Total/NA
Cyclohexane	3800		140	28	ug/m3	40		TO-15	Total/NA
o-Xylene	200		170	33	ug/m3	40		TO-15	Total/NA
Tetrachloroethene	7300		540	68	ug/m3	40		TO-15	Total/NA
Toluene	280		150	60	ug/m3	40		TO-15	Total/NA
Trichloroethene	1300		210	39	ug/m3	40		TO-15	Total/NA
Vinyl chloride	300		100	12	ug/m3	40		TO-15	Total/NA
Propene	29	J	69	21	ug/m3	40		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	8.3	J	40	3.6	ppb v/v	40		TO-15	Total/NA
1,1-Dichloroethene	6.1	J	40	5.6	ppb v/v	40		TO-15	Total/NA
1,2,4-Trimethylbenzene	61	J	80	11	ppb v/v	40		TO-15	Total/NA
1,2-Dichloroethane	13	J	40	3.2	ppb v/v	40		TO-15	Total/NA
1,3,5-Trimethylbenzene	44	J	80	13	ppb v/v	40		TO-15	Total/NA
4-Ethyltoluene	26	J	40	7.2	ppb v/v	40		TO-15	Total/NA
Benzene	1400		40	4.4	ppb v/v	40		TO-15	Total/NA
cis-1,2-Dichloroethene	410		40	8.0	ppb v/v	40		TO-15	Total/NA
Ethylbenzene	56		40	7.6	ppb v/v	40		TO-15	Total/NA
Heptane	170		40	9.2	ppb v/v	40		TO-15	Total/NA
Hexane	320		40	12	ppb v/v	40		TO-15	Total/NA
Isooctane	61		40	16	ppb v/v	40		TO-15	Total/NA
m&p-Xylene	300		40	10	ppb v/v	40		TO-15	Total/NA
Cyclohexane	1100		40	8.0	ppb v/v	40		TO-15	Total/NA
o-Xylene	47		40	7.6	ppb v/v	40		TO-15	Total/NA
Tetrachloroethene	1100		80	10	ppb v/v	40		TO-15	Total/NA
Toluene	74		40	16	ppb v/v	40		TO-15	Total/NA
Trichloroethene	240		40	7.2	ppb v/v	40		TO-15	Total/NA
Vinyl chloride	120		40	4.8	ppb v/v	40		TO-15	Total/NA
Propene	17	J	40	12	ppb v/v	40		TO-15	Total/NA

Client Sample ID: RCS-Lead Carbon Effluent

Lab Sample ID: 410-257071-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	9.6	J	16	1.4	ug/m3	4		TO-15	Total/NA
1,1-Dichloroethene	3.7	J	16	2.2	ug/m3	4		TO-15	Total/NA
1,2-Dichloroethane	30		16	1.3	ug/m3	4		TO-15	Total/NA
Acetone	28	J	48	9.5	ug/m3	4		TO-15	Total/NA
Benzene	15		13	1.4	ug/m3	4		TO-15	Total/NA
Chloroform	3.4	J	20	1.8	ug/m3	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RCS-Lead Carbon Effluent (Continued)

Lab Sample ID: 410-257071-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1000		16	3.2	ug/m3	4		TO-15	Total/NA
Hexane	20		14	4.2	ug/m3	4		TO-15	Total/NA
Methyl t-butyl ether	110		14	2.2	ug/m3	4		TO-15	Total/NA
Tetrachloroethene	27	J	54	6.8	ug/m3	4		TO-15	Total/NA
Trichloroethene	58		21	3.9	ug/m3	4		TO-15	Total/NA
Vinyl chloride	24		10	1.2	ug/m3	4		TO-15	Total/NA
Propene	4.3	J	6.9	2.1	ug/m3	4		TO-15	Total/NA
tert-Butyl alcohol	3.2	J	12	2.5	ug/m3	4		TO-15	Total/NA
Cyclohexane - DL	1300		69	14	ug/m3	20		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.4	J	4.0	0.36	ppb v/v	4		TO-15	Total/NA
1,1-Dichloroethene	0.93	J	4.0	0.56	ppb v/v	4		TO-15	Total/NA
1,2-Dichloroethane	7.3		4.0	0.32	ppb v/v	4		TO-15	Total/NA
Acetone	12	J	20	4.0	ppb v/v	4		TO-15	Total/NA
Benzene	4.6		4.0	0.44	ppb v/v	4		TO-15	Total/NA
Chloroform	0.70	J	4.0	0.37	ppb v/v	4		TO-15	Total/NA
cis-1,2-Dichloroethene	260		4.0	0.80	ppb v/v	4		TO-15	Total/NA
Hexane	5.7		4.0	1.2	ppb v/v	4		TO-15	Total/NA
Methyl t-butyl ether	31		4.0	0.60	ppb v/v	4		TO-15	Total/NA
Tetrachloroethene	4.0	J	8.0	1.0	ppb v/v	4		TO-15	Total/NA
Trichloroethene	11		4.0	0.72	ppb v/v	4		TO-15	Total/NA
Vinyl chloride	9.3		4.0	0.48	ppb v/v	4		TO-15	Total/NA
Propene	2.5	J	4.0	1.2	ppb v/v	4		TO-15	Total/NA
tert-Butyl alcohol	1.0	J	4.0	0.84	ppb v/v	4		TO-15	Total/NA
Cyclohexane - DL	360		20	4.0	ppb v/v	20		TO-15	Total/NA

Client Sample ID: RCS-Lag Carbon Effluent

Lab Sample ID: 410-257071-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	1.7	J	4.0	0.32	ug/m3	1		TO-15	Total/NA
2-Butanone	1.2	J	2.9	0.62	ug/m3	1		TO-15	Total/NA
Acetone	5.0	J	12	2.4	ug/m3	1		TO-15	Total/NA
Benzene	17		3.2	0.35	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	36		4.0	0.79	ug/m3	1		TO-15	Total/NA
Heptane	1.4	J	4.1	0.94	ug/m3	1		TO-15	Total/NA
Hexane	12		3.5	1.1	ug/m3	1		TO-15	Total/NA
Cyclohexane	30		3.4	0.69	ug/m3	1		TO-15	Total/NA
Methyl t-butyl ether	6.6		3.6	0.54	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	77		14	1.7	ug/m3	1		TO-15	Total/NA
Trichloroethene	23		5.4	0.97	ug/m3	1		TO-15	Total/NA
Propene	2.1		1.7	0.52	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	0.42	J	1.0	0.080	ppb v/v	1		TO-15	Total/NA
2-Butanone	0.41	J	1.0	0.21	ppb v/v	1		TO-15	Total/NA
Acetone	2.1	J	5.0	1.0	ppb v/v	1		TO-15	Total/NA
Benzene	5.4		1.0	0.11	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	9.1		1.0	0.20	ppb v/v	1		TO-15	Total/NA
Heptane	0.35	J	1.0	0.23	ppb v/v	1		TO-15	Total/NA
Hexane	3.5		1.0	0.30	ppb v/v	1		TO-15	Total/NA
Cyclohexane	8.8		1.0	0.20	ppb v/v	1		TO-15	Total/NA
Methyl t-butyl ether	1.8		1.0	0.15	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: RCS-Lag Carbon Effluent (Continued)

Lab Sample ID: 410-257071-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	11		2.0	0.25	ppb v/v	1		TO-15	Total/NA
Trichloroethene	4.2		1.0	0.18	ppb v/v	1		TO-15	Total/NA
Propene	1.2		1.0	0.30	ppb v/v	1		TO-15	Total/NA

Client Sample ID: RCS-Combined Influent

Lab Sample ID: 410-257071-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	5.7	J	16	1.4	ug/m3	4		TO-15	Total/NA
1,2,4-Trimethylbenzene	21	J	39	5.5	ug/m3	4		TO-15	Total/NA
1,2-Dichloroethane	21		16	1.3	ug/m3	4		TO-15	Total/NA
1,3,5-Trimethylbenzene	15	J	39	6.3	ug/m3	4		TO-15	Total/NA
4-Ethyltoluene	12	J	20	3.5	ug/m3	4		TO-15	Total/NA
Acetone	10	J	48	9.5	ug/m3	4		TO-15	Total/NA
Benzene	300		13	1.4	ug/m3	4		TO-15	Total/NA
cis-1,2-Dichloroethene	310		16	3.2	ug/m3	4		TO-15	Total/NA
Ethylbenzene	19		17	3.3	ug/m3	4		TO-15	Total/NA
Heptane	65		16	3.8	ug/m3	4		TO-15	Total/NA
Hexane	100		14	4.2	ug/m3	4		TO-15	Total/NA
Isooctane	29		19	7.5	ug/m3	4		TO-15	Total/NA
m&p-Xylene	110		17	4.5	ug/m3	4		TO-15	Total/NA
Cyclohexane	320		14	2.8	ug/m3	4		TO-15	Total/NA
Methyl t-butyl ether	28		14	2.2	ug/m3	4		TO-15	Total/NA
o-Xylene	18		17	3.3	ug/m3	4		TO-15	Total/NA
Tetrachloroethene	840		54	6.8	ug/m3	4		TO-15	Total/NA
Toluene	25		15	6.0	ug/m3	4		TO-15	Total/NA
Trichloroethene	180		21	3.9	ug/m3	4		TO-15	Total/NA
Vinyl chloride	26		10	1.2	ug/m3	4		TO-15	Total/NA
Propene	4.1	J	6.9	2.1	ug/m3	4		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.4	J	4.0	0.36	ppb v/v	4		TO-15	Total/NA
1,2,4-Trimethylbenzene	4.2	J	8.0	1.1	ppb v/v	4		TO-15	Total/NA
1,2-Dichloroethane	5.2		4.0	0.32	ppb v/v	4		TO-15	Total/NA
1,3,5-Trimethylbenzene	3.1	J	8.0	1.3	ppb v/v	4		TO-15	Total/NA
4-Ethyltoluene	2.5	J	4.0	0.72	ppb v/v	4		TO-15	Total/NA
Acetone	4.2	J	20	4.0	ppb v/v	4		TO-15	Total/NA
Benzene	95		4.0	0.44	ppb v/v	4		TO-15	Total/NA
cis-1,2-Dichloroethene	78		4.0	0.80	ppb v/v	4		TO-15	Total/NA
Ethylbenzene	4.4		4.0	0.76	ppb v/v	4		TO-15	Total/NA
Heptane	16		4.0	0.92	ppb v/v	4		TO-15	Total/NA
Hexane	29		4.0	1.2	ppb v/v	4		TO-15	Total/NA
Isooctane	6.2		4.0	1.6	ppb v/v	4		TO-15	Total/NA
m&p-Xylene	24		4.0	1.0	ppb v/v	4		TO-15	Total/NA
Cyclohexane	92		4.0	0.80	ppb v/v	4		TO-15	Total/NA
Methyl t-butyl ether	7.8		4.0	0.60	ppb v/v	4		TO-15	Total/NA
o-Xylene	4.0		4.0	0.76	ppb v/v	4		TO-15	Total/NA
Tetrachloroethene	120		8.0	1.0	ppb v/v	4		TO-15	Total/NA
Toluene	6.5		4.0	1.6	ppb v/v	4		TO-15	Total/NA
Trichloroethene	33		4.0	0.72	ppb v/v	4		TO-15	Total/NA
Vinyl chloride	10		4.0	0.48	ppb v/v	4		TO-15	Total/NA
Propene	2.4	J	4.0	1.2	ppb v/v	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Before Carbon

Lab Sample ID: 410-257071-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.9	J	16	1.4	ug/m3	4		TO-15	Total/NA
1,2,4-Trimethylbenzene	33	J	39	5.5	ug/m3	4		TO-15	Total/NA
1,2-Dichloroethane	20		16	1.3	ug/m3	4		TO-15	Total/NA
1,3,5-Trimethylbenzene	18	J	39	6.3	ug/m3	4		TO-15	Total/NA
4-Ethyltoluene	12	J	20	3.5	ug/m3	4		TO-15	Total/NA
Acetone	22	J	48	9.5	ug/m3	4		TO-15	Total/NA
Benzene	290		13	1.4	ug/m3	4		TO-15	Total/NA
cis-1,2-Dichloroethene	280		16	3.2	ug/m3	4		TO-15	Total/NA
Ethylbenzene	18		17	3.3	ug/m3	4		TO-15	Total/NA
Heptane	52		16	3.8	ug/m3	4		TO-15	Total/NA
Hexane	93		14	4.2	ug/m3	4		TO-15	Total/NA
Isooctane	31		19	7.5	ug/m3	4		TO-15	Total/NA
m&p-Xylene	100		17	4.5	ug/m3	4		TO-15	Total/NA
Cyclohexane	280		14	2.8	ug/m3	4		TO-15	Total/NA
Methyl t-butyl ether	26		14	2.2	ug/m3	4		TO-15	Total/NA
Methylene Chloride	12	J	28	3.5	ug/m3	4		TO-15	Total/NA
o-Xylene	18		17	3.3	ug/m3	4		TO-15	Total/NA
Tetrachloroethene	770		54	6.8	ug/m3	4		TO-15	Total/NA
Toluene	24		15	6.0	ug/m3	4		TO-15	Total/NA
Trichloroethene	160		21	3.9	ug/m3	4		TO-15	Total/NA
Vinyl chloride	26		10	1.2	ug/m3	4		TO-15	Total/NA
Isopropanol	10		9.8	5.9	ug/m3	4		TO-15	Total/NA
Propene	4.7	J	6.9	2.1	ug/m3	4		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.2	J	4.0	0.36	ppb v/v	4		TO-15	Total/NA
1,2,4-Trimethylbenzene	6.8	J	8.0	1.1	ppb v/v	4		TO-15	Total/NA
1,2-Dichloroethane	4.9		4.0	0.32	ppb v/v	4		TO-15	Total/NA
1,3,5-Trimethylbenzene	3.7	J	8.0	1.3	ppb v/v	4		TO-15	Total/NA
4-Ethyltoluene	2.4	J	4.0	0.72	ppb v/v	4		TO-15	Total/NA
Acetone	9.2	J	20	4.0	ppb v/v	4		TO-15	Total/NA
Benzene	90		4.0	0.44	ppb v/v	4		TO-15	Total/NA
cis-1,2-Dichloroethene	70		4.0	0.80	ppb v/v	4		TO-15	Total/NA
Ethylbenzene	4.1		4.0	0.76	ppb v/v	4		TO-15	Total/NA
Heptane	13		4.0	0.92	ppb v/v	4		TO-15	Total/NA
Hexane	26		4.0	1.2	ppb v/v	4		TO-15	Total/NA
Isooctane	6.6		4.0	1.6	ppb v/v	4		TO-15	Total/NA
m&p-Xylene	23		4.0	1.0	ppb v/v	4		TO-15	Total/NA
Cyclohexane	82		4.0	0.80	ppb v/v	4		TO-15	Total/NA
Methyl t-butyl ether	7.1		4.0	0.60	ppb v/v	4		TO-15	Total/NA
Methylene Chloride	3.4	J	8.0	1.0	ppb v/v	4		TO-15	Total/NA
o-Xylene	4.0		4.0	0.76	ppb v/v	4		TO-15	Total/NA
Tetrachloroethene	110		8.0	1.0	ppb v/v	4		TO-15	Total/NA
Toluene	6.3		4.0	1.6	ppb v/v	4		TO-15	Total/NA
Trichloroethene	30		4.0	0.72	ppb v/v	4		TO-15	Total/NA
Vinyl chloride	10		4.0	0.48	ppb v/v	4		TO-15	Total/NA
Isopropanol	4.2		4.0	2.4	ppb v/v	4		TO-15	Total/NA
Propene	2.7	J	4.0	1.2	ppb v/v	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Aeration Tank Air
Date Collected: 12/10/25 08:55
Date Received: 12/10/25 20:30
Sample Time: 0 Min

Lab Sample ID: 410-257071-1
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		220	26	ug/m3			12/30/25 06:55	40
1,1,2,2-Tetrachloroethane	ND		270	41	ug/m3			12/30/25 06:55	40
1,1,2-Trichloroethane	ND		220	26	ug/m3			12/30/25 06:55	40
1,1-Dichloroethane	**34**	**J**	160	14	ug/m3			12/30/25 06:55	40
1,1-Dichloroethene	**24**	**J**	160	22	ug/m3			12/30/25 06:55	40
1,2,4-Trichlorobenzene	ND		590	150	ug/m3			12/30/25 06:55	40
1,2,4-Trimethylbenzene	**300**	**J**	390	55	ug/m3			12/30/25 06:55	40
1,2-Dibromoethane	ND		310	40	ug/m3			12/30/25 06:55	40
1,2-Dichlorobenzene	ND		240	48	ug/m3			12/30/25 06:55	40
1,2-Dichloroethane	**54**	**J**	160	13	ug/m3			12/30/25 06:55	40
1,2-Dichloropropane	ND		180	24	ug/m3			12/30/25 06:55	40
1,3,5-Trimethylbenzene	**220**	**J**	390	63	ug/m3			12/30/25 06:55	40
1,3-Butadiene	ND		88	15	ug/m3			12/30/25 06:55	40
1,3-Dichlorobenzene	ND		240	72	ug/m3			12/30/25 06:55	40
1,4-Dichlorobenzene	ND		240	72	ug/m3			12/30/25 06:55	40
2-Butanone	ND		120	25	ug/m3			12/30/25 06:55	40
2-Hexanone	ND		330	82	ug/m3			12/30/25 06:55	40
3-Chloroprene	ND		130	25	ug/m3			12/30/25 06:55	40
4-Ethyltoluene	**130**	**J**	200	35	ug/m3			12/30/25 06:55	40
1,4-Dioxane	ND		140	25	ug/m3			12/30/25 06:55	40
4-Methyl-2-pentanone	ND		160	25	ug/m3			12/30/25 06:55	40
Acetone	ND		480	95	ug/m3			12/30/25 06:55	40
2-Chlorotoluene	ND		210	46	ug/m3			12/30/25 06:55	40
Benzene	**4300**		130	14	ug/m3			12/30/25 06:55	40
Bromodichloromethane	ND		270	110	ug/m3			12/30/25 06:55	40
Bromoform	ND		410	170	ug/m3			12/30/25 06:55	40
Bromomethane	ND		160	31	ug/m3			12/30/25 06:55	40
Carbon disulfide	ND		120	50	ug/m3			12/30/25 06:55	40
Carbon tetrachloride	ND		250	35	ug/m3			12/30/25 06:55	40
Chlorobenzene	ND		180	24	ug/m3			12/30/25 06:55	40
Chloroethane	ND		110	32	ug/m3			12/30/25 06:55	40
Chloroform	ND		200	18	ug/m3			12/30/25 06:55	40
Benzyl chloride	ND		410	62	ug/m3			12/30/25 06:55	40
Chloromethane	ND		83	33	ug/m3			12/30/25 06:55	40
cis-1,2-Dichloroethene	**1600**		160	32	ug/m3			12/30/25 06:55	40
cis-1,3-Dichloropropene	ND		180	18	ug/m3			12/30/25 06:55	40
Bromoethene	ND		170	31	ug/m3			12/30/25 06:55	40
Dibromochloromethane	ND		340	140	ug/m3			12/30/25 06:55	40
Dichlorodifluoromethane	ND		200	26	ug/m3			12/30/25 06:55	40
Ethylbenzene	**240**		170	33	ug/m3			12/30/25 06:55	40
Freon 113	ND		310	61	ug/m3			12/30/25 06:55	40
Freon-114	ND		280	34	ug/m3			12/30/25 06:55	40
Heptane	**690**		160	38	ug/m3			12/30/25 06:55	40
Hexane	**1100**		140	42	ug/m3			12/30/25 06:55	40
Isooctane	**280**		190	75	ug/m3			12/30/25 06:55	40
m&p-Xylene	**1300**		170	45	ug/m3			12/30/25 06:55	40
Cyclohexane	**3800**		140	28	ug/m3			12/30/25 06:55	40
Methyl t-butyl ether	ND		140	22	ug/m3			12/30/25 06:55	40

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Aeration Tank Air
Date Collected: 12/10/25 08:55
Date Received: 12/10/25 20:30
Sample Time: 0 Min

Lab Sample ID: 410-257071-1
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		280	35	ug/m3			12/30/25 06:55	40
o-Xylene	**200**		170	33	ug/m3			12/30/25 06:55	40
Styrene	ND		170	34	ug/m3			12/30/25 06:55	40
Ethanol	ND		380	150	ug/m3			12/30/25 06:55	40
Tetrachloroethene	**7300**		540	68	ug/m3			12/30/25 06:55	40
Ethyl acetate	ND		290	36	ug/m3			12/30/25 06:55	40
Toluene	**280**		150	60	ug/m3			12/30/25 06:55	40
trans-1,2-Dichloroethene	ND		160	32	ug/m3			12/30/25 06:55	40
trans-1,3-Dichloropropene	ND		180	22	ug/m3			12/30/25 06:55	40
Trichloroethene	**1300**		210	39	ug/m3			12/30/25 06:55	40
Trichlorofluoromethane	ND		220	34	ug/m3			12/30/25 06:55	40
Vinyl chloride	**300**		100	12	ug/m3			12/30/25 06:55	40
Hexachlorobutadiene	ND		850	200	ug/m3			12/30/25 06:55	40
Isopropanol	ND		98	59	ug/m3			12/30/25 06:55	40
Methyl methacrylate	ND		160	25	ug/m3			12/30/25 06:55	40
Propene	**29**	**J**	69	21	ug/m3			12/30/25 06:55	40
tert-Butyl alcohol	ND		120	25	ug/m3			12/30/25 06:55	40
Tetrahydrofuran	ND		120	28	ug/m3			12/30/25 06:55	40
Vinyl acetate	ND		140	23	ug/m3			12/30/25 06:55	40

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	4.8	ppb v/v			12/30/25 06:55	40
1,1,2,2-Tetrachloroethane	ND		40	6.0	ppb v/v			12/30/25 06:55	40
1,1,2-Trichloroethane	ND		40	4.8	ppb v/v			12/30/25 06:55	40
1,1-Dichloroethane	**8.3**	**J**	40	3.6	ppb v/v			12/30/25 06:55	40
1,1-Dichloroethene	**6.1**	**J**	40	5.6	ppb v/v			12/30/25 06:55	40
1,2,4-Trichlorobenzene	ND		80	20	ppb v/v			12/30/25 06:55	40
1,2,4-Trimethylbenzene	**61**	**J**	80	11	ppb v/v			12/30/25 06:55	40
1,2-Dibromoethane	ND		40	5.2	ppb v/v			12/30/25 06:55	40
1,2-Dichlorobenzene	ND		40	8.0	ppb v/v			12/30/25 06:55	40
1,2-Dichloroethane	**13**	**J**	40	3.2	ppb v/v			12/30/25 06:55	40
1,2-Dichloropropane	ND		40	5.2	ppb v/v			12/30/25 06:55	40
1,3,5-Trimethylbenzene	**44**	**J**	80	13	ppb v/v			12/30/25 06:55	40
1,3-Butadiene	ND		40	6.8	ppb v/v			12/30/25 06:55	40
1,3-Dichlorobenzene	ND		40	12	ppb v/v			12/30/25 06:55	40
1,4-Dichlorobenzene	ND		40	12	ppb v/v			12/30/25 06:55	40
2-Butanone	ND		40	8.4	ppb v/v			12/30/25 06:55	40
2-Hexanone	ND		80	20	ppb v/v			12/30/25 06:55	40
3-Chloroprene	ND		40	8.0	ppb v/v			12/30/25 06:55	40
4-Ethyltoluene	**26**	**J**	40	7.2	ppb v/v			12/30/25 06:55	40
1,4-Dioxane	ND		40	6.8	ppb v/v			12/30/25 06:55	40
4-Methyl-2-pentanone	ND		40	6.0	ppb v/v			12/30/25 06:55	40
Acetone	ND		200	40	ppb v/v			12/30/25 06:55	40
2-Chlorotoluene	ND		40	8.8	ppb v/v			12/30/25 06:55	40
Benzene	**1400**		40	4.4	ppb v/v			12/30/25 06:55	40
Bromodichloromethane	ND		40	16	ppb v/v			12/30/25 06:55	40
Bromoform	ND		40	16	ppb v/v			12/30/25 06:55	40
Bromomethane	ND		40	8.0	ppb v/v			12/30/25 06:55	40
Carbon disulfide	ND		40	16	ppb v/v			12/30/25 06:55	40

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Aeration Tank Air
Date Collected: 12/10/25 08:55
Date Received: 12/10/25 20:30
Sample Time: 0 Min

Lab Sample ID: 410-257071-1
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		40	5.6	ppb v/v			12/30/25 06:55	40
Chlorobenzene	ND		40	5.2	ppb v/v			12/30/25 06:55	40
Chloroethane	ND		40	12	ppb v/v			12/30/25 06:55	40
Chloroform	ND		40	3.7	ppb v/v			12/30/25 06:55	40
Benzyl chloride	ND		80	12	ppb v/v			12/30/25 06:55	40
Chloromethane	ND		40	16	ppb v/v			12/30/25 06:55	40
cis-1,2-Dichloroethene	**410**		40	8.0	ppb v/v			12/30/25 06:55	40
cis-1,3-Dichloropropene	ND		40	4.0	ppb v/v			12/30/25 06:55	40
Bromoethene	ND		40	7.2	ppb v/v			12/30/25 06:55	40
Dibromochloromethane	ND		40	16	ppb v/v			12/30/25 06:55	40
Dichlorodifluoromethane	ND		40	5.2	ppb v/v			12/30/25 06:55	40
Ethylbenzene	**56**		40	7.6	ppb v/v			12/30/25 06:55	40
Freon 113	ND		40	8.0	ppb v/v			12/30/25 06:55	40
Freon-114	ND		40	4.8	ppb v/v			12/30/25 06:55	40
Heptane	**170**		40	9.2	ppb v/v			12/30/25 06:55	40
Hexane	**320**		40	12	ppb v/v			12/30/25 06:55	40
Isooctane	**61**		40	16	ppb v/v			12/30/25 06:55	40
m&p-Xylene	**300**		40	10	ppb v/v			12/30/25 06:55	40
Cyclohexane	**1100**		40	8.0	ppb v/v			12/30/25 06:55	40
Methyl t-butyl ether	ND		40	6.0	ppb v/v			12/30/25 06:55	40
Methylene Chloride	ND		80	10	ppb v/v			12/30/25 06:55	40
o-Xylene	**47**		40	7.6	ppb v/v			12/30/25 06:55	40
Styrene	ND		40	8.0	ppb v/v			12/30/25 06:55	40
Ethanol	ND		200	80	ppb v/v			12/30/25 06:55	40
Tetrachloroethene	**1100**		80	10	ppb v/v			12/30/25 06:55	40
Ethyl acetate	ND		80	10	ppb v/v			12/30/25 06:55	40
Toluene	**74**		40	16	ppb v/v			12/30/25 06:55	40
trans-1,2-Dichloroethene	ND		40	8.0	ppb v/v			12/30/25 06:55	40
trans-1,3-Dichloropropene	ND		40	4.8	ppb v/v			12/30/25 06:55	40
Trichloroethene	**240**		40	7.2	ppb v/v			12/30/25 06:55	40
Trichlorofluoromethane	ND		40	6.0	ppb v/v			12/30/25 06:55	40
Vinyl chloride	**120**		40	4.8	ppb v/v			12/30/25 06:55	40
Hexachlorobutadiene	ND		80	19	ppb v/v			12/30/25 06:55	40
Isopropanol	ND		40	24	ppb v/v			12/30/25 06:55	40
Methyl methacrylate	ND		40	6.0	ppb v/v			12/30/25 06:55	40
Propene	**17**	**J**	40	12	ppb v/v			12/30/25 06:55	40
tert-Butyl alcohol	ND		40	8.4	ppb v/v			12/30/25 06:55	40
Tetrahydrofuran	ND		40	9.6	ppb v/v			12/30/25 06:55	40
Vinyl acetate	ND		40	6.4	ppb v/v			12/30/25 06:55	40

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Lead Carbon Effluent
Lab Sample ID: 410-257071-2
Date Collected: 12/10/25 08:49
Matrix: Air
Date Received: 12/10/25 20:30
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		22	2.6	ug/m3			12/30/25 07:17	4
1,1,2,2-Tetrachloroethane	ND		27	4.1	ug/m3			12/30/25 07:17	4
1,1,2-Trichloroethane	ND		22	2.6	ug/m3			12/30/25 07:17	4
1,1-Dichloroethane	**9.6**	**J**	16	1.4	ug/m3			12/30/25 07:17	4
1,1-Dichloroethene	**3.7**	**J**	16	2.2	ug/m3			12/30/25 07:17	4
1,2,4-Trichlorobenzene	ND		59	15	ug/m3			12/30/25 07:17	4
1,2,4-Trimethylbenzene	ND		39	5.5	ug/m3			12/30/25 07:17	4
1,2-Dibromoethane	ND		31	4.0	ug/m3			12/30/25 07:17	4
1,2-Dichlorobenzene	ND		24	4.8	ug/m3			12/30/25 07:17	4
1,2-Dichloroethane	**30**		16	1.3	ug/m3			12/30/25 07:17	4
1,2-Dichloropropane	ND		18	2.4	ug/m3			12/30/25 07:17	4
1,3,5-Trimethylbenzene	ND		39	6.3	ug/m3			12/30/25 07:17	4
1,3-Butadiene	ND		8.8	1.5	ug/m3			12/30/25 07:17	4
1,3-Dichlorobenzene	ND		24	7.2	ug/m3			12/30/25 07:17	4
1,4-Dichlorobenzene	ND		24	7.2	ug/m3			12/30/25 07:17	4
2-Butanone	ND		12	2.5	ug/m3			12/30/25 07:17	4
2-Hexanone	ND		33	8.2	ug/m3			12/30/25 07:17	4
3-Chloroprene	ND		13	2.5	ug/m3			12/30/25 07:17	4
4-Ethyltoluene	ND		20	3.5	ug/m3			12/30/25 07:17	4
1,4-Dioxane	ND		14	2.5	ug/m3			12/30/25 07:17	4
4-Methyl-2-pentanone	ND		16	2.5	ug/m3			12/30/25 07:17	4
Acetone	**28**	**J**	48	9.5	ug/m3			12/30/25 07:17	4
2-Chlorotoluene	ND		21	4.6	ug/m3			12/30/25 07:17	4
Benzene	**15**		13	1.4	ug/m3			12/30/25 07:17	4
Bromodichloromethane	ND		27	11	ug/m3			12/30/25 07:17	4
Bromoform	ND		41	17	ug/m3			12/30/25 07:17	4
Bromomethane	ND		16	3.1	ug/m3			12/30/25 07:17	4
Carbon disulfide	ND		12	5.0	ug/m3			12/30/25 07:17	4
Carbon tetrachloride	ND		25	3.5	ug/m3			12/30/25 07:17	4
Chlorobenzene	ND		18	2.4	ug/m3			12/30/25 07:17	4
Chloroethane	ND		11	3.2	ug/m3			12/30/25 07:17	4
Chloroform	**3.4**	**J**	20	1.8	ug/m3			12/30/25 07:17	4
Benzyl chloride	ND		41	6.2	ug/m3			12/30/25 07:17	4
Chloromethane	ND		8.3	3.3	ug/m3			12/30/25 07:17	4
cis-1,2-Dichloroethene	**1000**		16	3.2	ug/m3			12/30/25 07:17	4
cis-1,3-Dichloropropene	ND		18	1.8	ug/m3			12/30/25 07:17	4
Bromoethene	ND		17	3.1	ug/m3			12/30/25 07:17	4
Dibromochloromethane	ND		34	14	ug/m3			12/30/25 07:17	4
Dichlorodifluoromethane	ND		20	2.6	ug/m3			12/30/25 07:17	4
Ethylbenzene	ND		17	3.3	ug/m3			12/30/25 07:17	4
Freon 113	ND		31	6.1	ug/m3			12/30/25 07:17	4
Freon-114	ND		28	3.4	ug/m3			12/30/25 07:17	4
Heptane	ND		16	3.8	ug/m3			12/30/25 07:17	4
Hexane	**20**		14	4.2	ug/m3			12/30/25 07:17	4
Isooctane	ND		19	7.5	ug/m3			12/30/25 07:17	4
m&p-Xylene	ND		17	4.5	ug/m3			12/30/25 07:17	4
Methyl t-butyl ether	**110**		14	2.2	ug/m3			12/30/25 07:17	4
Methylene Chloride	ND		28	3.5	ug/m3			12/30/25 07:17	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Lead Carbon Effluent
Date Collected: 12/10/25 08:49
Date Received: 12/10/25 20:30
Sample Time: 0 Min

Lab Sample ID: 410-257071-2
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		17	3.3	ug/m3			12/30/25 07:17	4
Styrene	ND		17	3.4	ug/m3			12/30/25 07:17	4
Ethanol	ND		38	15	ug/m3			12/30/25 07:17	4
Tetrachloroethene	**27**	**J**	54	6.8	ug/m3			12/30/25 07:17	4
Ethyl acetate	ND		29	3.6	ug/m3			12/30/25 07:17	4
Toluene	ND		15	6.0	ug/m3			12/30/25 07:17	4
trans-1,2-Dichloroethene	ND		16	3.2	ug/m3			12/30/25 07:17	4
trans-1,3-Dichloropropene	ND		18	2.2	ug/m3			12/30/25 07:17	4
Trichloroethene	**58**		21	3.9	ug/m3			12/30/25 07:17	4
Trichlorofluoromethane	ND		22	3.4	ug/m3			12/30/25 07:17	4
Vinyl chloride	**24**		10	1.2	ug/m3			12/30/25 07:17	4
Hexachlorobutadiene	ND		85	20	ug/m3			12/30/25 07:17	4
Isopropanol	ND		9.8	5.9	ug/m3			12/30/25 07:17	4
Methyl methacrylate	ND		16	2.5	ug/m3			12/30/25 07:17	4
Propene	**4.3**	**J**	6.9	2.1	ug/m3			12/30/25 07:17	4
tert-Butyl alcohol	**3.2**	**J**	12	2.5	ug/m3			12/30/25 07:17	4
Tetrahydrofuran	ND		12	2.8	ug/m3			12/30/25 07:17	4
Vinyl acetate	ND		14	2.3	ug/m3			12/30/25 07:17	4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	0.48	ppb v/v			12/30/25 07:17	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.60	ppb v/v			12/30/25 07:17	4
1,1,2-Trichloroethane	ND		4.0	0.48	ppb v/v			12/30/25 07:17	4
1,1-Dichloroethane	**2.4**	**J**	4.0	0.36	ppb v/v			12/30/25 07:17	4
1,1-Dichloroethene	**0.93**	**J**	4.0	0.56	ppb v/v			12/30/25 07:17	4
1,2,4-Trichlorobenzene	ND		8.0	2.0	ppb v/v			12/30/25 07:17	4
1,2,4-Trimethylbenzene	ND		8.0	1.1	ppb v/v			12/30/25 07:17	4
1,2-Dibromoethane	ND		4.0	0.52	ppb v/v			12/30/25 07:17	4
1,2-Dichlorobenzene	ND		4.0	0.80	ppb v/v			12/30/25 07:17	4
1,2-Dichloroethane	**7.3**		4.0	0.32	ppb v/v			12/30/25 07:17	4
1,2-Dichloropropane	ND		4.0	0.52	ppb v/v			12/30/25 07:17	4
1,3,5-Trimethylbenzene	ND		8.0	1.3	ppb v/v			12/30/25 07:17	4
1,3-Butadiene	ND		4.0	0.68	ppb v/v			12/30/25 07:17	4
1,3-Dichlorobenzene	ND		4.0	1.2	ppb v/v			12/30/25 07:17	4
1,4-Dichlorobenzene	ND		4.0	1.2	ppb v/v			12/30/25 07:17	4
2-Butanone	ND		4.0	0.84	ppb v/v			12/30/25 07:17	4
2-Hexanone	ND		8.0	2.0	ppb v/v			12/30/25 07:17	4
3-Chloroprene	ND		4.0	0.80	ppb v/v			12/30/25 07:17	4
4-Ethyltoluene	ND		4.0	0.72	ppb v/v			12/30/25 07:17	4
1,4-Dioxane	ND		4.0	0.68	ppb v/v			12/30/25 07:17	4
4-Methyl-2-pentanone	ND		4.0	0.60	ppb v/v			12/30/25 07:17	4
Acetone	**12**	**J**	20	4.0	ppb v/v			12/30/25 07:17	4
2-Chlorotoluene	ND		4.0	0.88	ppb v/v			12/30/25 07:17	4
Benzene	**4.6**		4.0	0.44	ppb v/v			12/30/25 07:17	4
Bromodichloromethane	ND		4.0	1.6	ppb v/v			12/30/25 07:17	4
Bromoform	ND		4.0	1.6	ppb v/v			12/30/25 07:17	4
Bromomethane	ND		4.0	0.80	ppb v/v			12/30/25 07:17	4
Carbon disulfide	ND		4.0	1.6	ppb v/v			12/30/25 07:17	4
Carbon tetrachloride	ND		4.0	0.56	ppb v/v			12/30/25 07:17	4

Client Sample ID: RCS-Lead Carbon Effluent
Lab Sample ID: 410-257071-2
Date Collected: 12/10/25 08:49
Matrix: Air
Date Received: 12/10/25 20:30
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		4.0	0.52	ppb v/v			12/30/25 07:17	4
Chloroethane	ND		4.0	1.2	ppb v/v			12/30/25 07:17	4
Chloroform	**0.70**	**J**	4.0	0.37	ppb v/v			12/30/25 07:17	4
Benzyl chloride	ND		8.0	1.2	ppb v/v			12/30/25 07:17	4
Chloromethane	ND		4.0	1.6	ppb v/v			12/30/25 07:17	4
cis-1,2-Dichloroethene	**260**		4.0	0.80	ppb v/v			12/30/25 07:17	4
cis-1,3-Dichloropropene	ND		4.0	0.40	ppb v/v			12/30/25 07:17	4
Bromoethene	ND		4.0	0.72	ppb v/v			12/30/25 07:17	4
Dibromochloromethane	ND		4.0	1.6	ppb v/v			12/30/25 07:17	4
Dichlorodifluoromethane	ND		4.0	0.52	ppb v/v			12/30/25 07:17	4
Ethylbenzene	ND		4.0	0.76	ppb v/v			12/30/25 07:17	4
Freon 113	ND		4.0	0.80	ppb v/v			12/30/25 07:17	4
Freon-114	ND		4.0	0.48	ppb v/v			12/30/25 07:17	4
Heptane	ND		4.0	0.92	ppb v/v			12/30/25 07:17	4
Hexane	**5.7**		4.0	1.2	ppb v/v			12/30/25 07:17	4
Isooctane	ND		4.0	1.6	ppb v/v			12/30/25 07:17	4
m&p-Xylene	ND		4.0	1.0	ppb v/v			12/30/25 07:17	4
Methyl t-butyl ether	**31**		4.0	0.60	ppb v/v			12/30/25 07:17	4
Methylene Chloride	ND		8.0	1.0	ppb v/v			12/30/25 07:17	4
o-Xylene	ND		4.0	0.76	ppb v/v			12/30/25 07:17	4
Styrene	ND		4.0	0.80	ppb v/v			12/30/25 07:17	4
Ethanol	ND		20	8.0	ppb v/v			12/30/25 07:17	4
Tetrachloroethene	**4.0**	**J**	8.0	1.0	ppb v/v			12/30/25 07:17	4
Ethyl acetate	ND		8.0	1.0	ppb v/v			12/30/25 07:17	4
Toluene	ND		4.0	1.6	ppb v/v			12/30/25 07:17	4
trans-1,2-Dichloroethene	ND		4.0	0.80	ppb v/v			12/30/25 07:17	4
trans-1,3-Dichloropropene	ND		4.0	0.48	ppb v/v			12/30/25 07:17	4
Trichloroethene	**11**		4.0	0.72	ppb v/v			12/30/25 07:17	4
Trichlorofluoromethane	ND		4.0	0.60	ppb v/v			12/30/25 07:17	4
Vinyl chloride	**9.3**		4.0	0.48	ppb v/v			12/30/25 07:17	4
Hexachlorobutadiene	ND		8.0	1.9	ppb v/v			12/30/25 07:17	4
Isopropanol	ND		4.0	2.4	ppb v/v			12/30/25 07:17	4
Methyl methacrylate	ND		4.0	0.60	ppb v/v			12/30/25 07:17	4
Propene	**2.5**	**J**	4.0	1.2	ppb v/v			12/30/25 07:17	4
tert-Butyl alcohol	**1.0**	**J**	4.0	0.84	ppb v/v			12/30/25 07:17	4
Tetrahydrofuran	ND		4.0	0.96	ppb v/v			12/30/25 07:17	4
Vinyl acetate	ND		4.0	0.64	ppb v/v			12/30/25 07:17	4

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	**1300**		69	14	ug/m3			12/30/25 10:53	20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	**360**		20	4.0	ppb v/v			12/30/25 10:53	20

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Lag Carbon Effluent
Lab Sample ID: 410-257071-3
Date Collected: 12/10/25 08:51
Matrix: Air
Date Received: 12/10/25 20:30
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.65	ug/m3			12/30/25 07:46	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.0	ug/m3			12/30/25 07:46	1
1,1,2-Trichloroethane	ND		5.5	0.65	ug/m3			12/30/25 07:46	1
1,1-Dichloroethane	ND		4.0	0.36	ug/m3			12/30/25 07:46	1
1,1-Dichloroethene	ND		4.0	0.56	ug/m3			12/30/25 07:46	1
1,2,4-Trichlorobenzene	ND		15	3.7	ug/m3			12/30/25 07:46	1
1,2,4-Trimethylbenzene	ND		9.8	1.4	ug/m3			12/30/25 07:46	1
1,2-Dibromoethane	ND		7.7	1.0	ug/m3			12/30/25 07:46	1
1,2-Dichlorobenzene	ND		6.0	1.2	ug/m3			12/30/25 07:46	1
1,2-Dichloroethane	**1.7**	**J**	4.0	0.32	ug/m3			12/30/25 07:46	1
1,2-Dichloropropane	ND		4.6	0.60	ug/m3			12/30/25 07:46	1
1,3,5-Trimethylbenzene	ND		9.8	1.6	ug/m3			12/30/25 07:46	1
1,3-Butadiene	ND		2.2	0.38	ug/m3			12/30/25 07:46	1
1,3-Dichlorobenzene	ND		6.0	1.8	ug/m3			12/30/25 07:46	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/m3			12/30/25 07:46	1
2-Butanone	**1.2**	**J**	2.9	0.62	ug/m3			12/30/25 07:46	1
2-Hexanone	ND		8.2	2.0	ug/m3			12/30/25 07:46	1
3-Chloroprene	ND		3.1	0.63	ug/m3			12/30/25 07:46	1
4-Ethyltoluene	ND		4.9	0.88	ug/m3			12/30/25 07:46	1
1,4-Dioxane	ND		3.6	0.61	ug/m3			12/30/25 07:46	1
4-Methyl-2-pentanone	ND		4.1	0.61	ug/m3			12/30/25 07:46	1
Acetone	**5.0**	**J**	12	2.4	ug/m3			12/30/25 07:46	1
2-Chlorotoluene	ND		5.2	1.1	ug/m3			12/30/25 07:46	1
Benzene	**17**		3.2	0.35	ug/m3			12/30/25 07:46	1
Bromodichloromethane	ND		6.7	2.7	ug/m3			12/30/25 07:46	1
Bromoform	ND		10	4.1	ug/m3			12/30/25 07:46	1
Bromomethane	ND		3.9	0.78	ug/m3			12/30/25 07:46	1
Carbon disulfide	ND		3.1	1.2	ug/m3			12/30/25 07:46	1
Carbon tetrachloride	ND		6.3	0.88	ug/m3			12/30/25 07:46	1
Chlorobenzene	ND		4.6	0.60	ug/m3			12/30/25 07:46	1
Chloroethane	ND		2.6	0.79	ug/m3			12/30/25 07:46	1
Chloroform	ND		4.9	0.45	ug/m3			12/30/25 07:46	1
Benzyl chloride	ND		10	1.6	ug/m3			12/30/25 07:46	1
Chloromethane	ND		2.1	0.83	ug/m3			12/30/25 07:46	1
cis-1,2-Dichloroethene	**36**		4.0	0.79	ug/m3			12/30/25 07:46	1
cis-1,3-Dichloropropene	ND		4.5	0.45	ug/m3			12/30/25 07:46	1
Bromoethene	ND		4.4	0.79	ug/m3			12/30/25 07:46	1
Dibromochloromethane	ND		8.5	3.4	ug/m3			12/30/25 07:46	1
Dichlorodifluoromethane	ND		4.9	0.64	ug/m3			12/30/25 07:46	1
Ethylbenzene	ND		4.3	0.83	ug/m3			12/30/25 07:46	1
Freon 113	ND		7.7	1.5	ug/m3			12/30/25 07:46	1
Freon-114	ND		7.0	0.84	ug/m3			12/30/25 07:46	1
Heptane	**1.4**	**J**	4.1	0.94	ug/m3			12/30/25 07:46	1
Hexane	**12**		3.5	1.1	ug/m3			12/30/25 07:46	1
Isooctane	ND		4.7	1.9	ug/m3			12/30/25 07:46	1
m&p-Xylene	ND		4.3	1.1	ug/m3			12/30/25 07:46	1
Cyclohexane	**30**		3.4	0.69	ug/m3			12/30/25 07:46	1
Methyl t-butyl ether	**6.6**		3.6	0.54	ug/m3			12/30/25 07:46	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Lag Carbon Effluent
Lab Sample ID: 410-257071-3
Date Collected: 12/10/25 08:51
Matrix: Air
Date Received: 12/10/25 20:30
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		6.9	0.87	ug/m3			12/30/25 07:46	1
o-Xylene	ND		4.3	0.83	ug/m3			12/30/25 07:46	1
Styrene	ND		4.3	0.85	ug/m3			12/30/25 07:46	1
Ethanol	ND		9.4	3.8	ug/m3			12/30/25 07:46	1
Tetrachloroethene	**77**		14	1.7	ug/m3			12/30/25 07:46	1
Ethyl acetate	ND		7.2	0.90	ug/m3			12/30/25 07:46	1
Toluene	ND		3.8	1.5	ug/m3			12/30/25 07:46	1
trans-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			12/30/25 07:46	1
trans-1,3-Dichloropropene	ND		4.5	0.54	ug/m3			12/30/25 07:46	1
Trichloroethene	**23**		5.4	0.97	ug/m3			12/30/25 07:46	1
Trichlorofluoromethane	ND		5.6	0.84	ug/m3			12/30/25 07:46	1
Vinyl chloride	ND		2.6	0.31	ug/m3			12/30/25 07:46	1
Hexachlorobutadiene	ND		21	5.0	ug/m3			12/30/25 07:46	1
Isopropanol	ND		2.5	1.5	ug/m3			12/30/25 07:46	1
Methyl methacrylate	ND		4.1	0.61	ug/m3			12/30/25 07:46	1
Propene	**2.1**		1.7	0.52	ug/m3			12/30/25 07:46	1
tert-Butyl alcohol	ND		3.0	0.64	ug/m3			12/30/25 07:46	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			12/30/25 07:46	1
Vinyl acetate	ND		3.5	0.56	ug/m3			12/30/25 07:46	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.12	ppb v/v			12/30/25 07:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ppb v/v			12/30/25 07:46	1
1,1,2-Trichloroethane	ND		1.0	0.12	ppb v/v			12/30/25 07:46	1
1,1-Dichloroethane	ND		1.0	0.089	ppb v/v			12/30/25 07:46	1
1,1-Dichloroethene	ND		1.0	0.14	ppb v/v			12/30/25 07:46	1
1,2,4-Trichlorobenzene	ND		2.0	0.50	ppb v/v			12/30/25 07:46	1
1,2,4-Trimethylbenzene	ND		2.0	0.28	ppb v/v			12/30/25 07:46	1
1,2-Dibromoethane	ND		1.0	0.13	ppb v/v			12/30/25 07:46	1
1,2-Dichlorobenzene	ND		1.0	0.20	ppb v/v			12/30/25 07:46	1
1,2-Dichloroethane	**0.42**	**J**	1.0	0.080	ppb v/v			12/30/25 07:46	1
1,2-Dichloropropane	ND		1.0	0.13	ppb v/v			12/30/25 07:46	1
1,3,5-Trimethylbenzene	ND		2.0	0.32	ppb v/v			12/30/25 07:46	1
1,3-Butadiene	ND		1.0	0.17	ppb v/v			12/30/25 07:46	1
1,3-Dichlorobenzene	ND		1.0	0.30	ppb v/v			12/30/25 07:46	1
1,4-Dichlorobenzene	ND		1.0	0.30	ppb v/v			12/30/25 07:46	1
2-Butanone	**0.41**	**J**	1.0	0.21	ppb v/v			12/30/25 07:46	1
2-Hexanone	ND		2.0	0.50	ppb v/v			12/30/25 07:46	1
3-Chloroprene	ND		1.0	0.20	ppb v/v			12/30/25 07:46	1
4-Ethyltoluene	ND		1.0	0.18	ppb v/v			12/30/25 07:46	1
1,4-Dioxane	ND		1.0	0.17	ppb v/v			12/30/25 07:46	1
4-Methyl-2-pentanone	ND		1.0	0.15	ppb v/v			12/30/25 07:46	1
Acetone	**2.1**	**J**	5.0	1.0	ppb v/v			12/30/25 07:46	1
2-Chlorotoluene	ND		1.0	0.22	ppb v/v			12/30/25 07:46	1
Benzene	**5.4**		1.0	0.11	ppb v/v			12/30/25 07:46	1
Bromodichloromethane	ND		1.0	0.40	ppb v/v			12/30/25 07:46	1
Bromoform	ND		1.0	0.40	ppb v/v			12/30/25 07:46	1
Bromomethane	ND		1.0	0.20	ppb v/v			12/30/25 07:46	1
Carbon disulfide	ND		1.0	0.40	ppb v/v			12/30/25 07:46	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Lag Carbon Effluent
Lab Sample ID: 410-257071-3
Date Collected: 12/10/25 08:51
Matrix: Air
Date Received: 12/10/25 20:30
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.14	ppb v/v			12/30/25 07:46	1
Chlorobenzene	ND		1.0	0.13	ppb v/v			12/30/25 07:46	1
Chloroethane	ND		1.0	0.30	ppb v/v			12/30/25 07:46	1
Chloroform	ND		1.0	0.092	ppb v/v			12/30/25 07:46	1
Benzyl chloride	ND		2.0	0.30	ppb v/v			12/30/25 07:46	1
Chloromethane	ND		1.0	0.40	ppb v/v			12/30/25 07:46	1
cis-1,2-Dichloroethene	**9.1**		1.0	0.20	ppb v/v			12/30/25 07:46	1
cis-1,3-Dichloropropene	ND		1.0	0.10	ppb v/v			12/30/25 07:46	1
Bromoethene	ND		1.0	0.18	ppb v/v			12/30/25 07:46	1
Dibromochloromethane	ND		1.0	0.40	ppb v/v			12/30/25 07:46	1
Dichlorodifluoromethane	ND		1.0	0.13	ppb v/v			12/30/25 07:46	1
Ethylbenzene	ND		1.0	0.19	ppb v/v			12/30/25 07:46	1
Freon 113	ND		1.0	0.20	ppb v/v			12/30/25 07:46	1
Freon-114	ND		1.0	0.12	ppb v/v			12/30/25 07:46	1
Heptane	**0.35**	**J**	1.0	0.23	ppb v/v			12/30/25 07:46	1
Hexane	**3.5**		1.0	0.30	ppb v/v			12/30/25 07:46	1
Isooctane	ND		1.0	0.40	ppb v/v			12/30/25 07:46	1
m&p-Xylene	ND		1.0	0.26	ppb v/v			12/30/25 07:46	1
Cyclohexane	**8.8**		1.0	0.20	ppb v/v			12/30/25 07:46	1
Methyl t-butyl ether	**1.8**		1.0	0.15	ppb v/v			12/30/25 07:46	1
Methylene Chloride	ND		2.0	0.25	ppb v/v			12/30/25 07:46	1
o-Xylene	ND		1.0	0.19	ppb v/v			12/30/25 07:46	1
Styrene	ND		1.0	0.20	ppb v/v			12/30/25 07:46	1
Ethanol	ND		5.0	2.0	ppb v/v			12/30/25 07:46	1
Tetrachloroethene	**11**		2.0	0.25	ppb v/v			12/30/25 07:46	1
Ethyl acetate	ND		2.0	0.25	ppb v/v			12/30/25 07:46	1
Toluene	ND		1.0	0.40	ppb v/v			12/30/25 07:46	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			12/30/25 07:46	1
trans-1,3-Dichloropropene	ND		1.0	0.12	ppb v/v			12/30/25 07:46	1
Trichloroethene	**4.2**		1.0	0.18	ppb v/v			12/30/25 07:46	1
Trichlorofluoromethane	ND		1.0	0.15	ppb v/v			12/30/25 07:46	1
Vinyl chloride	ND		1.0	0.12	ppb v/v			12/30/25 07:46	1
Hexachlorobutadiene	ND		2.0	0.47	ppb v/v			12/30/25 07:46	1
Isopropanol	ND		1.0	0.60	ppb v/v			12/30/25 07:46	1
Methyl methacrylate	ND		1.0	0.15	ppb v/v			12/30/25 07:46	1
Propene	**1.2**		1.0	0.30	ppb v/v			12/30/25 07:46	1
tert-Butyl alcohol	ND		1.0	0.21	ppb v/v			12/30/25 07:46	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			12/30/25 07:46	1
Vinyl acetate	ND		1.0	0.16	ppb v/v			12/30/25 07:46	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Combined Influent
Lab Sample ID: 410-257071-4
Date Collected: 12/10/25 09:00
Matrix: Air
Date Received: 12/10/25 20:30
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		22	2.6	ug/m3			12/30/25 08:08	4
1,1,2,2-Tetrachloroethane	ND		27	4.1	ug/m3			12/30/25 08:08	4
1,1,2-Trichloroethane	ND		22	2.6	ug/m3			12/30/25 08:08	4
1,1-Dichloroethane	**5.7**	**J**	16	1.4	ug/m3			12/30/25 08:08	4
1,1-Dichloroethene	ND		16	2.2	ug/m3			12/30/25 08:08	4
1,2,4-Trichlorobenzene	ND		59	15	ug/m3			12/30/25 08:08	4
1,2,4-Trimethylbenzene	**21**	**J**	39	5.5	ug/m3			12/30/25 08:08	4
1,2-Dibromoethane	ND		31	4.0	ug/m3			12/30/25 08:08	4
1,2-Dichlorobenzene	ND		24	4.8	ug/m3			12/30/25 08:08	4
1,2-Dichloroethane	**21**		16	1.3	ug/m3			12/30/25 08:08	4
1,2-Dichloropropane	ND		18	2.4	ug/m3			12/30/25 08:08	4
1,3,5-Trimethylbenzene	**15**	**J**	39	6.3	ug/m3			12/30/25 08:08	4
1,3-Butadiene	ND		8.8	1.5	ug/m3			12/30/25 08:08	4
1,3-Dichlorobenzene	ND		24	7.2	ug/m3			12/30/25 08:08	4
1,4-Dichlorobenzene	ND		24	7.2	ug/m3			12/30/25 08:08	4
2-Butanone	ND		12	2.5	ug/m3			12/30/25 08:08	4
2-Hexanone	ND		33	8.2	ug/m3			12/30/25 08:08	4
3-Chloroprene	ND		13	2.5	ug/m3			12/30/25 08:08	4
4-Ethyltoluene	**12**	**J**	20	3.5	ug/m3			12/30/25 08:08	4
1,4-Dioxane	ND		14	2.5	ug/m3			12/30/25 08:08	4
4-Methyl-2-pentanone	ND		16	2.5	ug/m3			12/30/25 08:08	4
Acetone	**10**	**J**	48	9.5	ug/m3			12/30/25 08:08	4
2-Chlorotoluene	ND		21	4.6	ug/m3			12/30/25 08:08	4
Benzene	**300**		13	1.4	ug/m3			12/30/25 08:08	4
Bromodichloromethane	ND		27	11	ug/m3			12/30/25 08:08	4
Bromoform	ND		41	17	ug/m3			12/30/25 08:08	4
Bromomethane	ND		16	3.1	ug/m3			12/30/25 08:08	4
Carbon disulfide	ND		12	5.0	ug/m3			12/30/25 08:08	4
Carbon tetrachloride	ND		25	3.5	ug/m3			12/30/25 08:08	4
Chlorobenzene	ND		18	2.4	ug/m3			12/30/25 08:08	4
Chloroethane	ND		11	3.2	ug/m3			12/30/25 08:08	4
Chloroform	ND		20	1.8	ug/m3			12/30/25 08:08	4
Benzyl chloride	ND		41	6.2	ug/m3			12/30/25 08:08	4
Chloromethane	ND		8.3	3.3	ug/m3			12/30/25 08:08	4
cis-1,2-Dichloroethene	**310**		16	3.2	ug/m3			12/30/25 08:08	4
cis-1,3-Dichloropropene	ND		18	1.8	ug/m3			12/30/25 08:08	4
Bromoethene	ND		17	3.1	ug/m3			12/30/25 08:08	4
Dibromochloromethane	ND		34	14	ug/m3			12/30/25 08:08	4
Dichlorodifluoromethane	ND		20	2.6	ug/m3			12/30/25 08:08	4
Ethylbenzene	**19**		17	3.3	ug/m3			12/30/25 08:08	4
Freon 113	ND		31	6.1	ug/m3			12/30/25 08:08	4
Freon-114	ND		28	3.4	ug/m3			12/30/25 08:08	4
Heptane	**65**		16	3.8	ug/m3			12/30/25 08:08	4
Hexane	**100**		14	4.2	ug/m3			12/30/25 08:08	4
Isooctane	**29**		19	7.5	ug/m3			12/30/25 08:08	4
m&p-Xylene	**110**		17	4.5	ug/m3			12/30/25 08:08	4
Cyclohexane	**320**		14	2.8	ug/m3			12/30/25 08:08	4
Methyl t-butyl ether	**28**		14	2.2	ug/m3			12/30/25 08:08	4

Client Sample ID: RCS-Combined Influent
Lab Sample ID: 410-257071-4
Date Collected: 12/10/25 09:00
Matrix: Air
Date Received: 12/10/25 20:30
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		28	3.5	ug/m3			12/30/25 08:08	4
o-Xylene	**18**		17	3.3	ug/m3			12/30/25 08:08	4
Styrene	ND		17	3.4	ug/m3			12/30/25 08:08	4
Ethanol	ND		38	15	ug/m3			12/30/25 08:08	4
Tetrachloroethene	**840**		54	6.8	ug/m3			12/30/25 08:08	4
Ethyl acetate	ND		29	3.6	ug/m3			12/30/25 08:08	4
Toluene	**25**		15	6.0	ug/m3			12/30/25 08:08	4
trans-1,2-Dichloroethene	ND		16	3.2	ug/m3			12/30/25 08:08	4
trans-1,3-Dichloropropene	ND		18	2.2	ug/m3			12/30/25 08:08	4
Trichloroethene	**180**		21	3.9	ug/m3			12/30/25 08:08	4
Trichlorofluoromethane	ND		22	3.4	ug/m3			12/30/25 08:08	4
Vinyl chloride	**26**		10	1.2	ug/m3			12/30/25 08:08	4
Hexachlorobutadiene	ND		85	20	ug/m3			12/30/25 08:08	4
Isopropanol	ND		9.8	5.9	ug/m3			12/30/25 08:08	4
Methyl methacrylate	ND		16	2.5	ug/m3			12/30/25 08:08	4
Propene	**4.1**	**J**	6.9	2.1	ug/m3			12/30/25 08:08	4
tert-Butyl alcohol	ND		12	2.5	ug/m3			12/30/25 08:08	4
Tetrahydrofuran	ND		12	2.8	ug/m3			12/30/25 08:08	4
Vinyl acetate	ND		14	2.3	ug/m3			12/30/25 08:08	4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	0.48	ppb v/v			12/30/25 08:08	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.60	ppb v/v			12/30/25 08:08	4
1,1,2-Trichloroethane	ND		4.0	0.48	ppb v/v			12/30/25 08:08	4
1,1-Dichloroethane	**1.4**	**J**	4.0	0.36	ppb v/v			12/30/25 08:08	4
1,1-Dichloroethene	ND		4.0	0.56	ppb v/v			12/30/25 08:08	4
1,2,4-Trichlorobenzene	ND		8.0	2.0	ppb v/v			12/30/25 08:08	4
1,2,4-Trimethylbenzene	**4.2**	**J**	8.0	1.1	ppb v/v			12/30/25 08:08	4
1,2-Dibromoethane	ND		4.0	0.52	ppb v/v			12/30/25 08:08	4
1,2-Dichlorobenzene	ND		4.0	0.80	ppb v/v			12/30/25 08:08	4
1,2-Dichloroethane	**5.2**		4.0	0.32	ppb v/v			12/30/25 08:08	4
1,2-Dichloropropane	ND		4.0	0.52	ppb v/v			12/30/25 08:08	4
1,3,5-Trimethylbenzene	**3.1**	**J**	8.0	1.3	ppb v/v			12/30/25 08:08	4
1,3-Butadiene	ND		4.0	0.68	ppb v/v			12/30/25 08:08	4
1,3-Dichlorobenzene	ND		4.0	1.2	ppb v/v			12/30/25 08:08	4
1,4-Dichlorobenzene	ND		4.0	1.2	ppb v/v			12/30/25 08:08	4
2-Butanone	ND		4.0	0.84	ppb v/v			12/30/25 08:08	4
2-Hexanone	ND		8.0	2.0	ppb v/v			12/30/25 08:08	4
3-Chloroprene	ND		4.0	0.80	ppb v/v			12/30/25 08:08	4
4-Ethyltoluene	**2.5**	**J**	4.0	0.72	ppb v/v			12/30/25 08:08	4
1,4-Dioxane	ND		4.0	0.68	ppb v/v			12/30/25 08:08	4
4-Methyl-2-pentanone	ND		4.0	0.60	ppb v/v			12/30/25 08:08	4
Acetone	**4.2**	**J**	20	4.0	ppb v/v			12/30/25 08:08	4
2-Chlorotoluene	ND		4.0	0.88	ppb v/v			12/30/25 08:08	4
Benzene	**95**		4.0	0.44	ppb v/v			12/30/25 08:08	4
Bromodichloromethane	ND		4.0	1.6	ppb v/v			12/30/25 08:08	4
Bromoform	ND		4.0	1.6	ppb v/v			12/30/25 08:08	4
Bromomethane	ND		4.0	0.80	ppb v/v			12/30/25 08:08	4
Carbon disulfide	ND		4.0	1.6	ppb v/v			12/30/25 08:08	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Combined Influent
Lab Sample ID: 410-257071-4
Date Collected: 12/10/25 09:00
Matrix: Air
Date Received: 12/10/25 20:30
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.0	0.56	ppb v/v			12/30/25 08:08	4
Chlorobenzene	ND		4.0	0.52	ppb v/v			12/30/25 08:08	4
Chloroethane	ND		4.0	1.2	ppb v/v			12/30/25 08:08	4
Chloroform	ND		4.0	0.37	ppb v/v			12/30/25 08:08	4
Benzyl chloride	ND		8.0	1.2	ppb v/v			12/30/25 08:08	4
Chloromethane	ND		4.0	1.6	ppb v/v			12/30/25 08:08	4
cis-1,2-Dichloroethene	**78**		4.0	0.80	ppb v/v			12/30/25 08:08	4
cis-1,3-Dichloropropene	ND		4.0	0.40	ppb v/v			12/30/25 08:08	4
Bromoethene	ND		4.0	0.72	ppb v/v			12/30/25 08:08	4
Dibromochloromethane	ND		4.0	1.6	ppb v/v			12/30/25 08:08	4
Dichlorodifluoromethane	ND		4.0	0.52	ppb v/v			12/30/25 08:08	4
Ethylbenzene	**4.4**		4.0	0.76	ppb v/v			12/30/25 08:08	4
Freon 113	ND		4.0	0.80	ppb v/v			12/30/25 08:08	4
Freon-114	ND		4.0	0.48	ppb v/v			12/30/25 08:08	4
Heptane	**16**		4.0	0.92	ppb v/v			12/30/25 08:08	4
Hexane	**29**		4.0	1.2	ppb v/v			12/30/25 08:08	4
Isooctane	**6.2**		4.0	1.6	ppb v/v			12/30/25 08:08	4
m&p-Xylene	**24**		4.0	1.0	ppb v/v			12/30/25 08:08	4
Cyclohexane	**92**		4.0	0.80	ppb v/v			12/30/25 08:08	4
Methyl t-butyl ether	**7.8**		4.0	0.60	ppb v/v			12/30/25 08:08	4
Methylene Chloride	ND		8.0	1.0	ppb v/v			12/30/25 08:08	4
o-Xylene	**4.0**		4.0	0.76	ppb v/v			12/30/25 08:08	4
Styrene	ND		4.0	0.80	ppb v/v			12/30/25 08:08	4
Ethanol	ND		20	8.0	ppb v/v			12/30/25 08:08	4
Tetrachloroethene	**120**		8.0	1.0	ppb v/v			12/30/25 08:08	4
Ethyl acetate	ND		8.0	1.0	ppb v/v			12/30/25 08:08	4
Toluene	**6.5**		4.0	1.6	ppb v/v			12/30/25 08:08	4
trans-1,2-Dichloroethene	ND		4.0	0.80	ppb v/v			12/30/25 08:08	4
trans-1,3-Dichloropropene	ND		4.0	0.48	ppb v/v			12/30/25 08:08	4
Trichloroethene	**33**		4.0	0.72	ppb v/v			12/30/25 08:08	4
Trichlorofluoromethane	ND		4.0	0.60	ppb v/v			12/30/25 08:08	4
Vinyl chloride	**10**		4.0	0.48	ppb v/v			12/30/25 08:08	4
Hexachlorobutadiene	ND		8.0	1.9	ppb v/v			12/30/25 08:08	4
Isopropanol	ND		4.0	2.4	ppb v/v			12/30/25 08:08	4
Methyl methacrylate	ND		4.0	0.60	ppb v/v			12/30/25 08:08	4
Propene	**2.4**	**J**	4.0	1.2	ppb v/v			12/30/25 08:08	4
tert-Butyl alcohol	ND		4.0	0.84	ppb v/v			12/30/25 08:08	4
Tetrahydrofuran	ND		4.0	0.96	ppb v/v			12/30/25 08:08	4
Vinyl acetate	ND		4.0	0.64	ppb v/v			12/30/25 08:08	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Before Carbon
Date Collected: 12/10/25 08:45
Date Received: 12/10/25 20:30
Sample Time: 0 Min

Lab Sample ID: 410-257071-5
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		22	2.6	ug/m3			12/30/25 08:31	4
1,1,2,2-Tetrachloroethane	ND		27	4.1	ug/m3			12/30/25 08:31	4
1,1,2-Trichloroethane	ND		22	2.6	ug/m3			12/30/25 08:31	4
1,1-Dichloroethane	**4.9**	**J**	16	1.4	ug/m3			12/30/25 08:31	4
1,1-Dichloroethene	ND		16	2.2	ug/m3			12/30/25 08:31	4
1,2,4-Trichlorobenzene	ND		59	15	ug/m3			12/30/25 08:31	4
1,2,4-Trimethylbenzene	**33**	**J**	39	5.5	ug/m3			12/30/25 08:31	4
1,2-Dibromoethane	ND		31	4.0	ug/m3			12/30/25 08:31	4
1,2-Dichlorobenzene	ND		24	4.8	ug/m3			12/30/25 08:31	4
1,2-Dichloroethane	**20**		16	1.3	ug/m3			12/30/25 08:31	4
1,2-Dichloropropane	ND		18	2.4	ug/m3			12/30/25 08:31	4
1,3,5-Trimethylbenzene	**18**	**J**	39	6.3	ug/m3			12/30/25 08:31	4
1,3-Butadiene	ND		8.8	1.5	ug/m3			12/30/25 08:31	4
1,3-Dichlorobenzene	ND		24	7.2	ug/m3			12/30/25 08:31	4
1,4-Dichlorobenzene	ND		24	7.2	ug/m3			12/30/25 08:31	4
2-Butanone	ND		12	2.5	ug/m3			12/30/25 08:31	4
2-Hexanone	ND		33	8.2	ug/m3			12/30/25 08:31	4
3-Chloroprene	ND		13	2.5	ug/m3			12/30/25 08:31	4
4-Ethyltoluene	**12**	**J**	20	3.5	ug/m3			12/30/25 08:31	4
1,4-Dioxane	ND		14	2.5	ug/m3			12/30/25 08:31	4
4-Methyl-2-pentanone	ND		16	2.5	ug/m3			12/30/25 08:31	4
Acetone	**22**	**J**	48	9.5	ug/m3			12/30/25 08:31	4
2-Chlorotoluene	ND		21	4.6	ug/m3			12/30/25 08:31	4
Benzene	**290**		13	1.4	ug/m3			12/30/25 08:31	4
Bromodichloromethane	ND		27	11	ug/m3			12/30/25 08:31	4
Bromoform	ND		41	17	ug/m3			12/30/25 08:31	4
Bromomethane	ND		16	3.1	ug/m3			12/30/25 08:31	4
Carbon disulfide	ND		12	5.0	ug/m3			12/30/25 08:31	4
Carbon tetrachloride	ND		25	3.5	ug/m3			12/30/25 08:31	4
Chlorobenzene	ND		18	2.4	ug/m3			12/30/25 08:31	4
Chloroethane	ND		11	3.2	ug/m3			12/30/25 08:31	4
Chloroform	ND		20	1.8	ug/m3			12/30/25 08:31	4
Benzyl chloride	ND		41	6.2	ug/m3			12/30/25 08:31	4
Chloromethane	ND		8.3	3.3	ug/m3			12/30/25 08:31	4
cis-1,2-Dichloroethene	**280**		16	3.2	ug/m3			12/30/25 08:31	4
cis-1,3-Dichloropropene	ND		18	1.8	ug/m3			12/30/25 08:31	4
Bromoethene	ND		17	3.1	ug/m3			12/30/25 08:31	4
Dibromochloromethane	ND		34	14	ug/m3			12/30/25 08:31	4
Dichlorodifluoromethane	ND		20	2.6	ug/m3			12/30/25 08:31	4
Ethylbenzene	**18**		17	3.3	ug/m3			12/30/25 08:31	4
Freon 113	ND		31	6.1	ug/m3			12/30/25 08:31	4
Freon-114	ND		28	3.4	ug/m3			12/30/25 08:31	4
Heptane	**52**		16	3.8	ug/m3			12/30/25 08:31	4
Hexane	**93**		14	4.2	ug/m3			12/30/25 08:31	4
Isooctane	**31**		19	7.5	ug/m3			12/30/25 08:31	4
m&p-Xylene	**100**		17	4.5	ug/m3			12/30/25 08:31	4
Cyclohexane	**280**		14	2.8	ug/m3			12/30/25 08:31	4
Methyl t-butyl ether	**26**		14	2.2	ug/m3			12/30/25 08:31	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Before Carbon
Lab Sample ID: 410-257071-5
Date Collected: 12/10/25 08:45
Matrix: Air
Date Received: 12/10/25 20:30
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**12**	**J**	28	3.5	ug/m3			12/30/25 08:31	4
o-Xylene	**18**		17	3.3	ug/m3			12/30/25 08:31	4
Styrene	ND		17	3.4	ug/m3			12/30/25 08:31	4
Ethanol	ND		38	15	ug/m3			12/30/25 08:31	4
Tetrachloroethene	**770**		54	6.8	ug/m3			12/30/25 08:31	4
Ethyl acetate	ND		29	3.6	ug/m3			12/30/25 08:31	4
Toluene	**24**		15	6.0	ug/m3			12/30/25 08:31	4
trans-1,2-Dichloroethene	ND		16	3.2	ug/m3			12/30/25 08:31	4
trans-1,3-Dichloropropene	ND		18	2.2	ug/m3			12/30/25 08:31	4
Trichloroethene	**160**		21	3.9	ug/m3			12/30/25 08:31	4
Trichlorofluoromethane	ND		22	3.4	ug/m3			12/30/25 08:31	4
Vinyl chloride	**26**		10	1.2	ug/m3			12/30/25 08:31	4
Hexachlorobutadiene	ND		85	20	ug/m3			12/30/25 08:31	4
Isopropanol	**10**		9.8	5.9	ug/m3			12/30/25 08:31	4
Methyl methacrylate	ND		16	2.5	ug/m3			12/30/25 08:31	4
Propene	**4.7**	**J**	6.9	2.1	ug/m3			12/30/25 08:31	4
tert-Butyl alcohol	ND		12	2.5	ug/m3			12/30/25 08:31	4
Tetrahydrofuran	ND		12	2.8	ug/m3			12/30/25 08:31	4
Vinyl acetate	ND		14	2.3	ug/m3			12/30/25 08:31	4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	0.48	ppb v/v			12/30/25 08:31	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.60	ppb v/v			12/30/25 08:31	4
1,1,2-Trichloroethane	ND		4.0	0.48	ppb v/v			12/30/25 08:31	4
1,1-Dichloroethane	**1.2**	**J**	4.0	0.36	ppb v/v			12/30/25 08:31	4
1,1-Dichloroethene	ND		4.0	0.56	ppb v/v			12/30/25 08:31	4
1,2,4-Trichlorobenzene	ND		8.0	2.0	ppb v/v			12/30/25 08:31	4
1,2,4-Trimethylbenzene	**6.8**	**J**	8.0	1.1	ppb v/v			12/30/25 08:31	4
1,2-Dibromoethane	ND		4.0	0.52	ppb v/v			12/30/25 08:31	4
1,2-Dichlorobenzene	ND		4.0	0.80	ppb v/v			12/30/25 08:31	4
1,2-Dichloroethane	**4.9**		4.0	0.32	ppb v/v			12/30/25 08:31	4
1,2-Dichloropropane	ND		4.0	0.52	ppb v/v			12/30/25 08:31	4
1,3,5-Trimethylbenzene	**3.7**	**J**	8.0	1.3	ppb v/v			12/30/25 08:31	4
1,3-Butadiene	ND		4.0	0.68	ppb v/v			12/30/25 08:31	4
1,3-Dichlorobenzene	ND		4.0	1.2	ppb v/v			12/30/25 08:31	4
1,4-Dichlorobenzene	ND		4.0	1.2	ppb v/v			12/30/25 08:31	4
2-Butanone	ND		4.0	0.84	ppb v/v			12/30/25 08:31	4
2-Hexanone	ND		8.0	2.0	ppb v/v			12/30/25 08:31	4
3-Chloroprene	ND		4.0	0.80	ppb v/v			12/30/25 08:31	4
4-Ethyltoluene	**2.4**	**J**	4.0	0.72	ppb v/v			12/30/25 08:31	4
1,4-Dioxane	ND		4.0	0.68	ppb v/v			12/30/25 08:31	4
4-Methyl-2-pentanone	ND		4.0	0.60	ppb v/v			12/30/25 08:31	4
Acetone	**9.2**	**J**	20	4.0	ppb v/v			12/30/25 08:31	4
2-Chlorotoluene	ND		4.0	0.88	ppb v/v			12/30/25 08:31	4
Benzene	**90**		4.0	0.44	ppb v/v			12/30/25 08:31	4
Bromodichloromethane	ND		4.0	1.6	ppb v/v			12/30/25 08:31	4
Bromoform	ND		4.0	1.6	ppb v/v			12/30/25 08:31	4
Bromomethane	ND		4.0	0.80	ppb v/v			12/30/25 08:31	4
Carbon disulfide	ND		4.0	1.6	ppb v/v			12/30/25 08:31	4

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Before Carbon
Lab Sample ID: 410-257071-5
Date Collected: 12/10/25 08:45
Matrix: Air
Date Received: 12/10/25 20:30
Sample Time: 0 Min
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.0	0.56	ppb v/v			12/30/25 08:31	4
Chlorobenzene	ND		4.0	0.52	ppb v/v			12/30/25 08:31	4
Chloroethane	ND		4.0	1.2	ppb v/v			12/30/25 08:31	4
Chloroform	ND		4.0	0.37	ppb v/v			12/30/25 08:31	4
Benzyl chloride	ND		8.0	1.2	ppb v/v			12/30/25 08:31	4
Chloromethane	ND		4.0	1.6	ppb v/v			12/30/25 08:31	4
cis-1,2-Dichloroethene	**70**		4.0	0.80	ppb v/v			12/30/25 08:31	4
cis-1,3-Dichloropropene	ND		4.0	0.40	ppb v/v			12/30/25 08:31	4
Bromoethene	ND		4.0	0.72	ppb v/v			12/30/25 08:31	4
Dibromochloromethane	ND		4.0	1.6	ppb v/v			12/30/25 08:31	4
Dichlorodifluoromethane	ND		4.0	0.52	ppb v/v			12/30/25 08:31	4
Ethylbenzene	**4.1**		4.0	0.76	ppb v/v			12/30/25 08:31	4
Freon 113	ND		4.0	0.80	ppb v/v			12/30/25 08:31	4
Freon-114	ND		4.0	0.48	ppb v/v			12/30/25 08:31	4
Heptane	**13**		4.0	0.92	ppb v/v			12/30/25 08:31	4
Hexane	**26**		4.0	1.2	ppb v/v			12/30/25 08:31	4
Isooctane	**6.6**		4.0	1.6	ppb v/v			12/30/25 08:31	4
m&p-Xylene	**23**		4.0	1.0	ppb v/v			12/30/25 08:31	4
Cyclohexane	**82**		4.0	0.80	ppb v/v			12/30/25 08:31	4
Methyl t-butyl ether	**7.1**		4.0	0.60	ppb v/v			12/30/25 08:31	4
Methylene Chloride	**3.4**	**J**	8.0	1.0	ppb v/v			12/30/25 08:31	4
o-Xylene	**4.0**		4.0	0.76	ppb v/v			12/30/25 08:31	4
Styrene	ND		4.0	0.80	ppb v/v			12/30/25 08:31	4
Ethanol	ND		20	8.0	ppb v/v			12/30/25 08:31	4
Tetrachloroethene	**110**		8.0	1.0	ppb v/v			12/30/25 08:31	4
Ethyl acetate	ND		8.0	1.0	ppb v/v			12/30/25 08:31	4
Toluene	**6.3**		4.0	1.6	ppb v/v			12/30/25 08:31	4
trans-1,2-Dichloroethene	ND		4.0	0.80	ppb v/v			12/30/25 08:31	4
trans-1,3-Dichloropropene	ND		4.0	0.48	ppb v/v			12/30/25 08:31	4
Trichloroethene	**30**		4.0	0.72	ppb v/v			12/30/25 08:31	4
Trichlorofluoromethane	ND		4.0	0.60	ppb v/v			12/30/25 08:31	4
Vinyl chloride	**10**		4.0	0.48	ppb v/v			12/30/25 08:31	4
Hexachlorobutadiene	ND		8.0	1.9	ppb v/v			12/30/25 08:31	4
Isopropanol	**4.2**		4.0	2.4	ppb v/v			12/30/25 08:31	4
Methyl methacrylate	ND		4.0	0.60	ppb v/v			12/30/25 08:31	4
Propene	**2.7**	**J**	4.0	1.2	ppb v/v			12/30/25 08:31	4
tert-Butyl alcohol	ND		4.0	0.84	ppb v/v			12/30/25 08:31	4
Tetrahydrofuran	ND		4.0	0.96	ppb v/v			12/30/25 08:31	4
Vinyl acetate	ND		4.0	0.64	ppb v/v			12/30/25 08:31	4

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 410-749956/7
Matrix: Air
Analysis Batch: 749956

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.65	ug/m3			12/29/25 20:38	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.0	ug/m3			12/29/25 20:38	1
1,1,2-Trichloroethane	ND		5.5	0.65	ug/m3			12/29/25 20:38	1
1,1-Dichloroethane	ND		4.0	0.36	ug/m3			12/29/25 20:38	1
1,1-Dichloroethene	ND		4.0	0.56	ug/m3			12/29/25 20:38	1
1,2,4-Trichlorobenzene	ND		15	3.7	ug/m3			12/29/25 20:38	1
1,2,4-Trimethylbenzene	ND		9.8	1.4	ug/m3			12/29/25 20:38	1
1,2-Dibromoethane	ND		7.7	1.0	ug/m3			12/29/25 20:38	1
1,2-Dichlorobenzene	ND		6.0	1.2	ug/m3			12/29/25 20:38	1
1,2-Dichloroethane	ND		4.0	0.32	ug/m3			12/29/25 20:38	1
1,2-Dichloropropane	ND		4.6	0.60	ug/m3			12/29/25 20:38	1
1,3,5-Trimethylbenzene	ND		9.8	1.6	ug/m3			12/29/25 20:38	1
1,3-Butadiene	ND		2.2	0.38	ug/m3			12/29/25 20:38	1
1,3-Dichlorobenzene	ND		6.0	1.8	ug/m3			12/29/25 20:38	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/m3			12/29/25 20:38	1
2-Butanone	ND		2.9	0.62	ug/m3			12/29/25 20:38	1
2-Hexanone	ND		8.2	2.0	ug/m3			12/29/25 20:38	1
3-Chloroprene	ND		3.1	0.63	ug/m3			12/29/25 20:38	1
4-Ethyltoluene	ND		4.9	0.88	ug/m3			12/29/25 20:38	1
1,4-Dioxane	ND		3.6	0.61	ug/m3			12/29/25 20:38	1
4-Methyl-2-pentanone	ND		4.1	0.61	ug/m3			12/29/25 20:38	1
Acetone	ND		12	2.4	ug/m3			12/29/25 20:38	1
2-Chlorotoluene	ND		5.2	1.1	ug/m3			12/29/25 20:38	1
Benzene	ND		3.2	0.35	ug/m3			12/29/25 20:38	1
Bromodichloromethane	ND		6.7	2.7	ug/m3			12/29/25 20:38	1
Bromoform	ND		10	4.1	ug/m3			12/29/25 20:38	1
Bromomethane	ND		3.9	0.78	ug/m3			12/29/25 20:38	1
Carbon disulfide	ND		3.1	1.2	ug/m3			12/29/25 20:38	1
Carbon tetrachloride	ND		6.3	0.88	ug/m3			12/29/25 20:38	1
Chlorobenzene	ND		4.6	0.60	ug/m3			12/29/25 20:38	1
Chloroethane	ND		2.6	0.79	ug/m3			12/29/25 20:38	1
Chloroform	ND		4.9	0.45	ug/m3			12/29/25 20:38	1
Benzyl chloride	ND		10	1.6	ug/m3			12/29/25 20:38	1
Chloromethane	ND		2.1	0.83	ug/m3			12/29/25 20:38	1
cis-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			12/29/25 20:38	1
cis-1,3-Dichloropropene	ND		4.5	0.45	ug/m3			12/29/25 20:38	1
Bromoethene	ND		4.4	0.79	ug/m3			12/29/25 20:38	1
Dibromochloromethane	ND		8.5	3.4	ug/m3			12/29/25 20:38	1
Dichlorodifluoromethane	ND		4.9	0.64	ug/m3			12/29/25 20:38	1
Ethylbenzene	ND		4.3	0.83	ug/m3			12/29/25 20:38	1
Freon 113	ND		7.7	1.5	ug/m3			12/29/25 20:38	1
Freon-114	ND		7.0	0.84	ug/m3			12/29/25 20:38	1
Heptane	ND		4.1	0.94	ug/m3			12/29/25 20:38	1
Hexane	ND		3.5	1.1	ug/m3			12/29/25 20:38	1
Isooctane	ND		4.7	1.9	ug/m3			12/29/25 20:38	1
m&p-Xylene	ND		4.3	1.1	ug/m3			12/29/25 20:38	1
Cyclohexane	ND		3.4	0.69	ug/m3			12/29/25 20:38	1
Methyl t-butyl ether	ND		3.6	0.54	ug/m3			12/29/25 20:38	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-749956/7
Matrix: Air
Analysis Batch: 749956

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		6.9	0.87	ug/m3			12/29/25 20:38	1
o-Xylene	ND		4.3	0.83	ug/m3			12/29/25 20:38	1
Styrene	ND		4.3	0.85	ug/m3			12/29/25 20:38	1
Ethanol	ND		9.4	3.8	ug/m3			12/29/25 20:38	1
Tetrachloroethene	ND		14	1.7	ug/m3			12/29/25 20:38	1
Ethyl acetate	ND		7.2	0.90	ug/m3			12/29/25 20:38	1
Toluene	ND		3.8	1.5	ug/m3			12/29/25 20:38	1
trans-1,2-Dichloroethene	ND		4.0	0.79	ug/m3			12/29/25 20:38	1
trans-1,3-Dichloropropene	ND		4.5	0.54	ug/m3			12/29/25 20:38	1
Trichloroethene	ND		5.4	0.97	ug/m3			12/29/25 20:38	1
Trichlorofluoromethane	ND		5.6	0.84	ug/m3			12/29/25 20:38	1
Vinyl chloride	ND		2.6	0.31	ug/m3			12/29/25 20:38	1
Hexachlorobutadiene	ND		21	5.0	ug/m3			12/29/25 20:38	1
Isopropanol	ND		2.5	1.5	ug/m3			12/29/25 20:38	1
Methyl methacrylate	ND		4.1	0.61	ug/m3			12/29/25 20:38	1
Propene	ND		1.7	0.52	ug/m3			12/29/25 20:38	1
tert-Butyl alcohol	ND		3.0	0.64	ug/m3			12/29/25 20:38	1
Tetrahydrofuran	ND		2.9	0.71	ug/m3			12/29/25 20:38	1
Vinyl acetate	ND		3.5	0.56	ug/m3			12/29/25 20:38	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.12	ppb v/v			12/29/25 20:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ppb v/v			12/29/25 20:38	1
1,1,2-Trichloroethane	ND		1.0	0.12	ppb v/v			12/29/25 20:38	1
1,1-Dichloroethane	ND		1.0	0.089	ppb v/v			12/29/25 20:38	1
1,1-Dichloroethene	ND		1.0	0.14	ppb v/v			12/29/25 20:38	1
1,2,4-Trichlorobenzene	ND		2.0	0.50	ppb v/v			12/29/25 20:38	1
1,2,4-Trimethylbenzene	ND		2.0	0.28	ppb v/v			12/29/25 20:38	1
1,2-Dibromoethane	ND		1.0	0.13	ppb v/v			12/29/25 20:38	1
1,2-Dichlorobenzene	ND		1.0	0.20	ppb v/v			12/29/25 20:38	1
1,2-Dichloroethane	ND		1.0	0.080	ppb v/v			12/29/25 20:38	1
1,2-Dichloropropane	ND		1.0	0.13	ppb v/v			12/29/25 20:38	1
1,3,5-Trimethylbenzene	ND		2.0	0.32	ppb v/v			12/29/25 20:38	1
1,3-Butadiene	ND		1.0	0.17	ppb v/v			12/29/25 20:38	1
1,3-Dichlorobenzene	ND		1.0	0.30	ppb v/v			12/29/25 20:38	1
1,4-Dichlorobenzene	ND		1.0	0.30	ppb v/v			12/29/25 20:38	1
2-Butanone	ND		1.0	0.21	ppb v/v			12/29/25 20:38	1
2-Hexanone	ND		2.0	0.50	ppb v/v			12/29/25 20:38	1
3-Chloroprene	ND		1.0	0.20	ppb v/v			12/29/25 20:38	1
4-Ethyltoluene	ND		1.0	0.18	ppb v/v			12/29/25 20:38	1
1,4-Dioxane	ND		1.0	0.17	ppb v/v			12/29/25 20:38	1
4-Methyl-2-pentanone	ND		1.0	0.15	ppb v/v			12/29/25 20:38	1
Acetone	ND		5.0	1.0	ppb v/v			12/29/25 20:38	1
2-Chlorotoluene	ND		1.0	0.22	ppb v/v			12/29/25 20:38	1
Benzene	ND		1.0	0.11	ppb v/v			12/29/25 20:38	1
Bromodichloromethane	ND		1.0	0.40	ppb v/v			12/29/25 20:38	1
Bromoform	ND		1.0	0.40	ppb v/v			12/29/25 20:38	1
Bromomethane	ND		1.0	0.20	ppb v/v			12/29/25 20:38	1
Carbon disulfide	ND		1.0	0.40	ppb v/v			12/29/25 20:38	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 410-749956/7
Matrix: Air
Analysis Batch: 749956

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.14	ppb v/v			12/29/25 20:38	1
Chlorobenzene	ND		1.0	0.13	ppb v/v			12/29/25 20:38	1
Chloroethane	ND		1.0	0.30	ppb v/v			12/29/25 20:38	1
Chloroform	ND		1.0	0.092	ppb v/v			12/29/25 20:38	1
Benzyl chloride	ND		2.0	0.30	ppb v/v			12/29/25 20:38	1
Chloromethane	ND		1.0	0.40	ppb v/v			12/29/25 20:38	1
cis-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			12/29/25 20:38	1
cis-1,3-Dichloropropene	ND		1.0	0.10	ppb v/v			12/29/25 20:38	1
Bromoethene	ND		1.0	0.18	ppb v/v			12/29/25 20:38	1
Dibromochloromethane	ND		1.0	0.40	ppb v/v			12/29/25 20:38	1
Dichlorodifluoromethane	ND		1.0	0.13	ppb v/v			12/29/25 20:38	1
Ethylbenzene	ND		1.0	0.19	ppb v/v			12/29/25 20:38	1
Freon 113	ND		1.0	0.20	ppb v/v			12/29/25 20:38	1
Freon-114	ND		1.0	0.12	ppb v/v			12/29/25 20:38	1
Heptane	ND		1.0	0.23	ppb v/v			12/29/25 20:38	1
Hexane	ND		1.0	0.30	ppb v/v			12/29/25 20:38	1
Isooctane	ND		1.0	0.40	ppb v/v			12/29/25 20:38	1
m&p-Xylene	ND		1.0	0.26	ppb v/v			12/29/25 20:38	1
Cyclohexane	ND		1.0	0.20	ppb v/v			12/29/25 20:38	1
Methyl t-butyl ether	ND		1.0	0.15	ppb v/v			12/29/25 20:38	1
Methylene Chloride	ND		2.0	0.25	ppb v/v			12/29/25 20:38	1
o-Xylene	ND		1.0	0.19	ppb v/v			12/29/25 20:38	1
Styrene	ND		1.0	0.20	ppb v/v			12/29/25 20:38	1
Ethanol	ND		5.0	2.0	ppb v/v			12/29/25 20:38	1
Tetrachloroethene	ND		2.0	0.25	ppb v/v			12/29/25 20:38	1
Ethyl acetate	ND		2.0	0.25	ppb v/v			12/29/25 20:38	1
Toluene	ND		1.0	0.40	ppb v/v			12/29/25 20:38	1
trans-1,2-Dichloroethene	ND		1.0	0.20	ppb v/v			12/29/25 20:38	1
trans-1,3-Dichloropropene	ND		1.0	0.12	ppb v/v			12/29/25 20:38	1
Trichloroethene	ND		1.0	0.18	ppb v/v			12/29/25 20:38	1
Trichlorofluoromethane	ND		1.0	0.15	ppb v/v			12/29/25 20:38	1
Vinyl chloride	ND		1.0	0.12	ppb v/v			12/29/25 20:38	1
Hexachlorobutadiene	ND		2.0	0.47	ppb v/v			12/29/25 20:38	1
Isopropanol	ND		1.0	0.60	ppb v/v			12/29/25 20:38	1
Methyl methacrylate	ND		1.0	0.15	ppb v/v			12/29/25 20:38	1
Propene	ND		1.0	0.30	ppb v/v			12/29/25 20:38	1
tert-Butyl alcohol	ND		1.0	0.21	ppb v/v			12/29/25 20:38	1
Tetrahydrofuran	ND		1.0	0.24	ppb v/v			12/29/25 20:38	1
Vinyl acetate	ND		1.0	0.16	ppb v/v			12/29/25 20:38	1

Lab Sample ID: LCS 410-749956/4
Matrix: Air
Analysis Batch: 749956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	54.6	48.1		ug/m3		88	70 - 130
1,1,2,2-Tetrachloroethane	68.7	62.5		ug/m3		91	61 - 130
1,1,2-Trichloroethane	54.6	50.4		ug/m3		92	70 - 130
1,1-Dichloroethane	40.5	40.2		ug/m3		99	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-749956/4
Matrix: Air
Analysis Batch: 749956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	39.6	43.8		ug/m3		111	70 - 131
1,2,4-Trichlorobenzene	74.2	40.2		ug/m3		54	52 - 143
1,2,4-Trimethylbenzene	49.2	40.8		ug/m3		83	65 - 146
1,2-Dibromoethane	76.8	70.5		ug/m3		92	70 - 130
1,2-Dichlorobenzene	60.1	50.5		ug/m3		84	61 - 139
1,2-Dichloroethane	40.5	37.2		ug/m3		92	70 - 131
1,2-Dichloropropane	46.2	42.9		ug/m3		93	70 - 130
1,3,5-Trimethylbenzene	49.2	41.9		ug/m3		85	69 - 141
1,3-Butadiene	22.1	20.4		ug/m3		92	70 - 131
1,3-Dichlorobenzene	60.1	51.0		ug/m3		85	64 - 140
1,4-Dichlorobenzene	60.1	50.5		ug/m3		84	64 - 137
2-Butanone	29.5	25.1		ug/m3		85	70 - 130
2-Hexanone	41.0	34.0		ug/m3		83	57 - 141
3-Chloroprene	31.3	31.9		ug/m3		102	70 - 137
4-Ethyltoluene	49.2	42.4		ug/m3		86	69 - 139
1,4-Dioxane	36.0	32.5		ug/m3		90	70 - 130
4-Methyl-2-pentanone	41.0	32.5		ug/m3		79	68 - 133
Acetone	23.8	20.2		ug/m3		85	70 - 137
2-Chlorotoluene	51.8	46.6		ug/m3		90	70 - 130
Benzene	31.9	28.0		ug/m3		88	70 - 130
Bromodichloromethane	67.0	61.7		ug/m3		92	70 - 130
Bromoform	103	96.3		ug/m3		93	60 - 139
Bromomethane	38.8	38.3		ug/m3		99	70 - 140
Carbon disulfide	31.1	29.7		ug/m3		95	70 - 130
Carbon tetrachloride	62.9	57.1		ug/m3		91	70 - 130
Chlorobenzene	46.0	40.9		ug/m3		89	70 - 130
Chloroethane	26.4	25.0		ug/m3		95	70 - 131
Chloroform	48.8	48.9		ug/m3		100	70 - 130
Benzyl chloride	51.8	37.2		ug/m3		72	57 - 142
Chloromethane	20.7	19.1		ug/m3		93	64 - 138
cis-1,2-Dichloroethene	39.6	38.0		ug/m3		96	70 - 130
cis-1,3-Dichloropropene	45.4	38.9		ug/m3		86	70 - 130
Bromoethene	43.7	41.4		ug/m3		95	70 - 130
Dibromochloromethane	85.2	79.8		ug/m3		94	70 - 130
Dichlorodifluoromethane	49.5	44.9		ug/m3		91	70 - 131
Ethylbenzene	43.4	38.0		ug/m3		88	70 - 130
Freon 113	76.6	82.4		ug/m3		107	70 - 130
Freon-114	69.9	68.3		ug/m3		98	70 - 130
Heptane	41.0	36.0		ug/m3		88	70 - 130
Hexane	35.2	29.2		ug/m3		83	61 - 130
Isooctane	46.7	40.8		ug/m3		87	70 - 130
m&p-Xylene	43.4	37.9		ug/m3		87	70 - 130
Cyclohexane	34.4	32.1		ug/m3		93	61 - 130
Methyl t-butyl ether	36.1	31.2		ug/m3		87	70 - 130
Methylene Chloride	34.7	36.9		ug/m3		106	70 - 130
o-Xylene	43.4	35.8		ug/m3		83	70 - 130
Styrene	42.6	36.5		ug/m3		86	70 - 133
Ethanol	18.8	19.7		ug/m3		104	62 - 150
Tetrachloroethene	67.8	57.1		ug/m3		84	70 - 140

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-749956/4
Matrix: Air
Analysis Batch: 749956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl acetate	36.0	29.5		ug/m3		82	70 - 130
Toluene	37.7	33.5		ug/m3		89	70 - 130
trans-1,2-Dichloroethene	39.6	36.9		ug/m3		93	70 - 130
trans-1,3-Dichloropropene	45.4	41.6		ug/m3		92	70 - 130
Trichloroethene	53.7	49.4		ug/m3		92	70 - 130
Trichlorofluoromethane	56.2	54.6		ug/m3		97	70 - 130
Vinyl chloride	25.6	26.9		ug/m3		105	70 - 135
Hexachlorobutadiene	107	64.1		ug/m3		60	40 - 157
Isopropanol	24.6	17.9		ug/m3		73	62 - 135
Methyl methacrylate	40.9	33.7		ug/m3		82	70 - 130
Propene	17.2	15.8		ug/m3		92	58 - 130
tert-Butyl alcohol	33.6	26.4		ug/m3		78	50 - 130
Tetrahydrofuran	29.5	27.5		ug/m3		93	54 - 143
Vinyl acetate	35.2	32.6		ug/m3		93	70 - 137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	10	8.82		ppb v/v		88	70 - 130
1,1,2,2-Tetrachloroethane	10	9.11		ppb v/v		91	61 - 130
1,1,2-Trichloroethane	10	9.24		ppb v/v		92	70 - 130
1,1-Dichloroethane	10	9.93		ppb v/v		99	70 - 130
1,1-Dichloroethene	10	11.1		ppb v/v		111	70 - 131
1,2,4-Trichlorobenzene	10	5.42		ppb v/v		54	52 - 143
1,2,4-Trimethylbenzene	10	8.30		ppb v/v		83	65 - 146
1,2-Dibromoethane	10	9.17		ppb v/v		92	70 - 130
1,2-Dichlorobenzene	10	8.40		ppb v/v		84	61 - 139
1,2-Dichloroethane	10	9.18		ppb v/v		92	70 - 131
1,2-Dichloropropane	10	9.29		ppb v/v		93	70 - 130
1,3,5-Trimethylbenzene	10	8.53		ppb v/v		85	69 - 141
1,3-Butadiene	10	9.21		ppb v/v		92	70 - 131
1,3-Dichlorobenzene	10	8.48		ppb v/v		85	64 - 140
1,4-Dichlorobenzene	10	8.40		ppb v/v		84	64 - 137
2-Butanone	10	8.51		ppb v/v		85	70 - 130
2-Hexanone	10	8.29		ppb v/v		83	57 - 141
3-Chloroprene	10	10.2		ppb v/v		102	70 - 137
4-Ethyltoluene	10	8.63		ppb v/v		86	69 - 139
1,4-Dioxane	10	9.01		ppb v/v		90	70 - 130
4-Methyl-2-pentanone	10	7.94		ppb v/v		79	68 - 133
Acetone	10	8.52		ppb v/v		85	70 - 137
2-Chlorotoluene	10	9.00		ppb v/v		90	70 - 130
Benzene	10	8.76		ppb v/v		88	70 - 130
Bromodichloromethane	10	9.21		ppb v/v		92	70 - 130
Bromoform	10	9.32		ppb v/v		93	60 - 139
Bromomethane	10	9.85		ppb v/v		99	70 - 140
Carbon disulfide	10	9.54		ppb v/v		95	70 - 130
Carbon tetrachloride	10	9.08		ppb v/v		91	70 - 130
Chlorobenzene	10	8.89		ppb v/v		89	70 - 130
Chloroethane	10	9.49		ppb v/v		95	70 - 131
Chloroform	10	10.0		ppb v/v		100	70 - 130
Benzyl chloride	10	7.19		ppb v/v		72	57 - 142

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 410-749956/4
Matrix: Air
Analysis Batch: 749956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	10	9.27		ppb v/v		93	64 - 138
cis-1,2-Dichloroethene	10	9.58		ppb v/v		96	70 - 130
cis-1,3-Dichloropropene	10	8.56		ppb v/v		86	70 - 130
Bromoethene	10	9.45		ppb v/v		95	70 - 130
Dibromochloromethane	10	9.37		ppb v/v		94	70 - 130
Dichlorodifluoromethane	10	9.07		ppb v/v		91	70 - 131
Ethylbenzene	10	8.76		ppb v/v		88	70 - 130
Freon 113	10	10.7		ppb v/v		107	70 - 130
Freon-114	10	9.77		ppb v/v		98	70 - 130
Heptane	10	8.79		ppb v/v		88	70 - 130
Hexane	10	8.27		ppb v/v		83	61 - 130
Isooctane	10	8.74		ppb v/v		87	70 - 130
m&p-Xylene	10	8.72		ppb v/v		87	70 - 130
Cyclohexane	10	9.31		ppb v/v		93	61 - 130
Methyl t-butyl ether	10	8.65		ppb v/v		87	70 - 130
Methylene Chloride	10	10.6		ppb v/v		106	70 - 130
o-Xylene	10	8.25		ppb v/v		83	70 - 130
Styrene	10	8.58		ppb v/v		86	70 - 133
Ethanol	10	10.4		ppb v/v		104	62 - 150
Tetrachloroethene	10	8.42		ppb v/v		84	70 - 140
Ethyl acetate	10	8.18		ppb v/v		82	70 - 130
Toluene	10	8.88		ppb v/v		89	70 - 130
trans-1,2-Dichloroethene	10	9.31		ppb v/v		93	70 - 130
trans-1,3-Dichloropropene	10	9.16		ppb v/v		92	70 - 130
Trichloroethene	10	9.19		ppb v/v		92	70 - 130
Trichlorofluoromethane	10	9.71		ppb v/v		97	70 - 130
Vinyl chloride	10	10.5		ppb v/v		105	70 - 135
Hexachlorobutadiene	10	6.01		ppb v/v		60	40 - 157
Isopropanol	10	7.27		ppb v/v		73	62 - 135
Methyl methacrylate	10	8.22		ppb v/v		82	70 - 130
Propene	10	9.17		ppb v/v		92	58 - 130
tert-Butyl alcohol	11	8.70		ppb v/v		78	50 - 130
Tetrahydrofuran	10	9.34		ppb v/v		93	54 - 143
Vinyl acetate	10	9.27		ppb v/v		93	70 - 137

QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-257071-1
Project/Site: EMGPRP-31097

Air - GC/MS VOA

Analysis Batch: 749956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-257071-1	RCS-Aeration Tank Air	Total/NA	Air	TO-15	
410-257071-2	RCS-Lead Carbon Effluent	Total/NA	Air	TO-15	
410-257071-2 - DL	RCS-Lead Carbon Effluent	Total/NA	Air	TO-15	
410-257071-3	RCS-Lag Carbon Effluent	Total/NA	Air	TO-15	
410-257071-4	RCS-Combined Influent	Total/NA	Air	TO-15	
410-257071-5	RCS-Before Carbon	Total/NA	Air	TO-15	
MB 410-749956/7	Method Blank	Total/NA	Air	TO-15	
LCS 410-749956/4	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job ID: 410-257071-1

Client Sample ID: RCS-Aeration Tank Air

Lab Sample ID: 410-257071-1

Date Collected: 12/10/25 08:55
Matrix: Air
Date Received: 12/10/25 20:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		40	749956	D7UM	ELLE	12/30/25 06:55

Client Sample ID: RCS-Lead Carbon Effluent

Lab Sample ID: 410-257071-2

Date Collected: 12/10/25 08:49
Matrix: Air
Date Received: 12/10/25 20:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		4	749956	D7UM	ELLE	12/30/25 07:17
Total/NA	Analysis	TO-15	DL	20	749956	D7UM	ELLE	12/30/25 10:53

Client Sample ID: RCS-Lag Carbon Effluent

Lab Sample ID: 410-257071-3

Date Collected: 12/10/25 08:51
Matrix: Air
Date Received: 12/10/25 20:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	749956	D7UM	ELLE	12/30/25 07:46

Client Sample ID: RCS-Combined Influent

Lab Sample ID: 410-257071-4

Date Collected: 12/10/25 09:00
Matrix: Air
Date Received: 12/10/25 20:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		4	749956	D7UM	ELLE	12/30/25 08:08

Client Sample ID: RCS-Before Carbon

Lab Sample ID: 410-257071-5

Date Collected: 12/10/25 08:45
Matrix: Air
Date Received: 12/10/25 20:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		4	749956	D7UM	ELLE	12/30/25 08:31

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-257071-1
Project/Site: EMGPRP-31097

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	2-Hexanone
TO-15		Air	4-Ethyltoluene
TO-15		Air	Ethanol
TO-15		Air	Ethyl acetate
TO-15		Air	Propene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-257071-1
Project/Site: EMGPRP-31097

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

410-257071 Chain of Custody

Summa Canister Field Test Data/Chain of Custody

For Eurofins Lancaster Laboratories Environmental use only

Acct. # _____ Group # _____ Sample # _____ Bottle Order (SCR) # _____

Environmental

Client Information

Client Information **Roux Environmental Engineering and Geology, D.P.C.** Account #

Project Name/# EMGPRP-31097 Eurofins - EMES Agreement #: A2604415

Project Manager **Jacqueline Carames** P.O. # WAL#5199

Sampler **Mike Smith** Quote #

Name of state where samples were collected **NY**

Turnaround Time Requested (TAT) (circle one)

(Standard) Rush (specify) _____

Data Package Required? Yes (No)

EDD Required? (Yes) No

	Temperature (F)		Pressure ("Hg)	
	Start	Stop	Start	Stop
Ambient				
Maximum				
Minimum				

Sample Identification	Start Date/Time (24-hour clock)		Stop Date/Time (24-hour clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Flow Reg. ID	Can ID	Can Size (L)	Controller Flowrate (mL/min)	Analyses Requested: EPA TO - 15	EPA 18/EPA 25 (TPH and methane)		Helium as tracer	O2/CO2	Library Search	
RCS-Aeration Tank Air	12/10/2025	8:55	--	-30	--			Grab	5150	6	--	X						
RCS-Lead Carbon Effluent	12/10/2025	8:49	--	-30	--			Grab	4673	6	--	X						
RCS-Lag Carbon Effluent	12/10/2025	8:51	--	-30	--			Grab	1216	6	--	X						
RCS-Combined Influent	12/10/2025	9:00	--	-30	--			Grab	876	6	--	X						
RCS-Before Carbon	12/10/2025	8:45	--	-30	--			Grab	1406	6	--	X						

Instructions/QC Requirements & Comments

EPA 25 (check one) ☐ C1 - C4 ☐ C2 - C10 ☐ C1 - C10 ☐ C4 - C10 (GRO) ☐ C2 - C4

Canisters Shipped by:	Date/Time:	Canisters Received by:	Date/Time:	Relinquished by:	Date/Time: 12/10/25 1435	Received by:	Date/Time: 12/10/25 1435
Relinquished by:	Date/Time: 12/10/25 2030	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time: 12/10/25

Eurofins Lancaster Laboratories Environmental, LLC • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300

The white copy should accompany samples to Eurofins Lancaster Laboratories Environmental. The yellow copy should be retained by the client.

12/11/25 CKB 8/28d 12/12 2030

7056 1015

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 410-257071-1

Login Number: 257071

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Jeremiah, Cory T

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	N/A	
Cooler Temperature is recorded.	N/A	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Client: Roux Environmental Eng & Geology DPC
Job ID: 410-257071-1
Project/Site: EMGPRP-31097

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Summa Canister Dilution Worksheet

Client: Roux Environmental Eng & Geology DPC
Project/Site: EMGPRP-31097

Job No.: 410-257071-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
410-257071-1	6	0.41	1.01	6.08	15.01	2.02	12.13		1.99	1.99		12/20/25 10:35	L2TN
410-257071-2	6	1.78	1.06	6.36	16.25	2.11	12.63		1.99	1.99		12/20/25 10:36	L2TN
410-257071-3	6	1.43	1.05	6.29	15.98	2.09	12.52		1.99	1.99		12/20/25 10:37	L2TN
410-257071-4	6	1.12	1.04	6.22	15.75	2.07	12.43		2.00	2.00		12/20/25 10:37	L2TN
410-257071-5	6	-0.8	0.97	5.84	13.9	1.95	11.67		2.00	2.00		12/20/25 13:47	L2TN

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255202-1

SDG No.:

Client Sample ID: 1925 Lab Sample ID: 410-255202-1

Matrix: Air Lab File ID: 5D01X17.D

Analysis Method: TO-15 Date Collected: 11/30/2025 15:52

Sample wt/vol: 200(mL) Date Analyzed: 12/01/2025 12:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736738 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255202-1

SDG No.:

Client Sample ID: 1925 Lab Sample ID: 410-255202-1

Matrix: Air Lab File ID: 5D01X17.D

Analysis Method: TO-15 Date Collected: 11/30/2025 15:52

Sample wt/vol: 200(mL) Date Analyzed: 12/01/2025 12:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736738 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255202-1

SDG No.:

Client Sample ID: 1925 Lab Sample ID: 410-255202-1

Matrix: Air Lab File ID: 5D01X17.D

Analysis Method: TO-15 Date Collected: 11/30/2025 15:52

Sample wt/vol: 200(mL) Date Analyzed: 12/01/2025 12:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736738 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251201-168348.b\5D01X17.D				
Lims ID:	410-255202-A-1				
Client ID:	1925				
Sample Type:	Client				
Inject. Date:	01-Dec-2025 12:34:00	ALS Bottle#:	8	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc1925				
Misc. Info.:	410-0168348-011				
Operator ID:	sn105465	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20251201-168348.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	02-Dec-2025 14:14:31	Calib Date:	12-Nov-2025 16:40:06		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20251112-166443.b\5N12X18.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1611				
First Level Reviewer: LER7		Date:	02-Dec-2025 14:15:33		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.787	3.787	0.000	98	22700	0.9310	M
36 2-Butanone (MEK)	43	6.058	6.058	0.000	93	5102	0.1486	
* 39 Chlorobromomethane (IS)	130	6.294	6.301	-0.007	85	93637	10.0	
* 51 1,4-Difluorobenzene	114	7.268	7.268	0.000	93	471054	10.0	
* 72 Chlorobenzene-d5 (IS)	117	9.603	9.603	0.000	83	445650	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

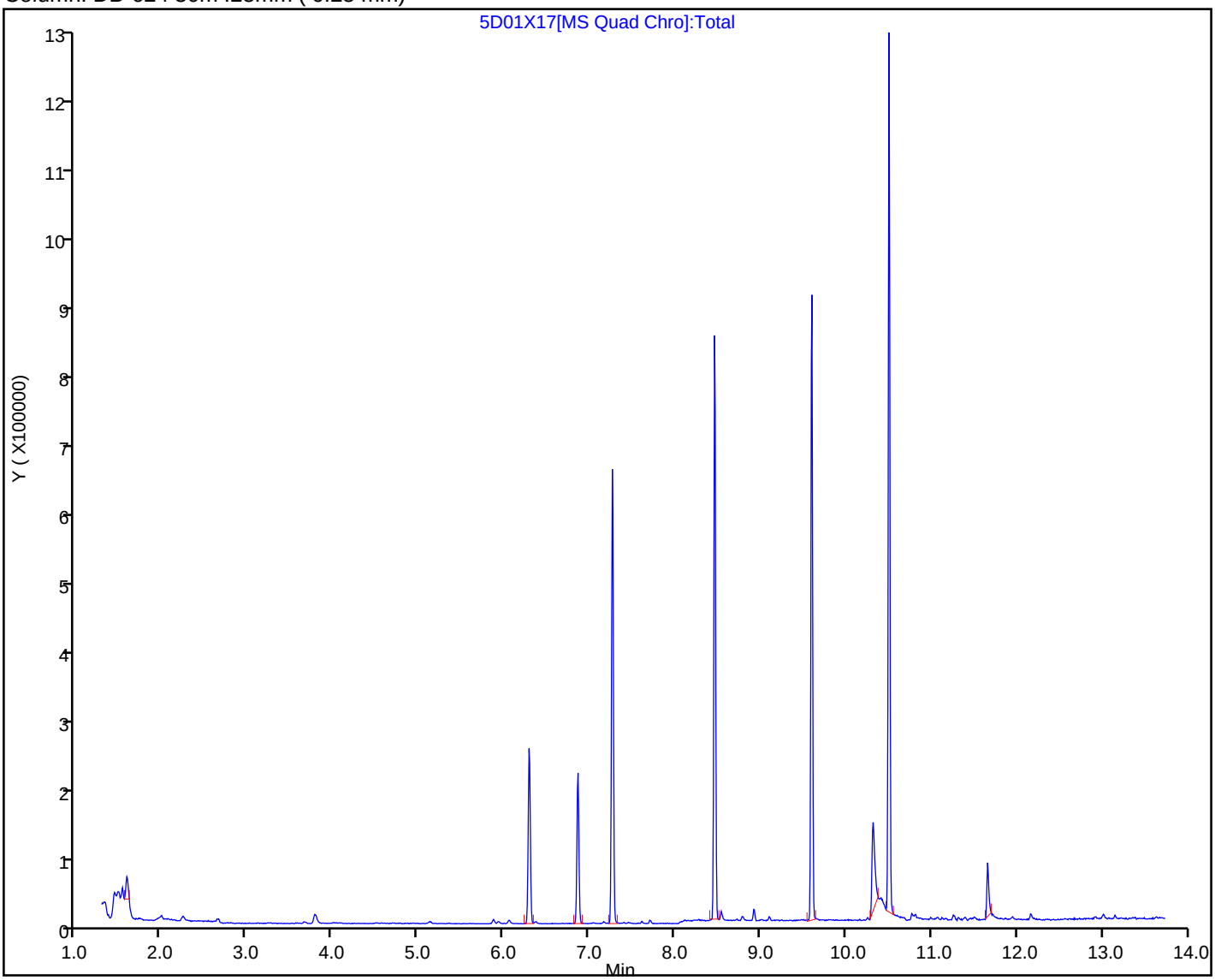
AIRIS200 ppb_00579 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 02-Dec-2025 14:15:33 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251201-168348.b\5D01X17.D				
Injection Date:	01-Dec-2025 12:34:00	Instrument ID:	HP22820		
Lims ID:	410-255202-A-1	Lab Sample ID:	410-255202-1		
Client ID:	1925				
Operator ID:	sn105465	ALS Bottle#:	8	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

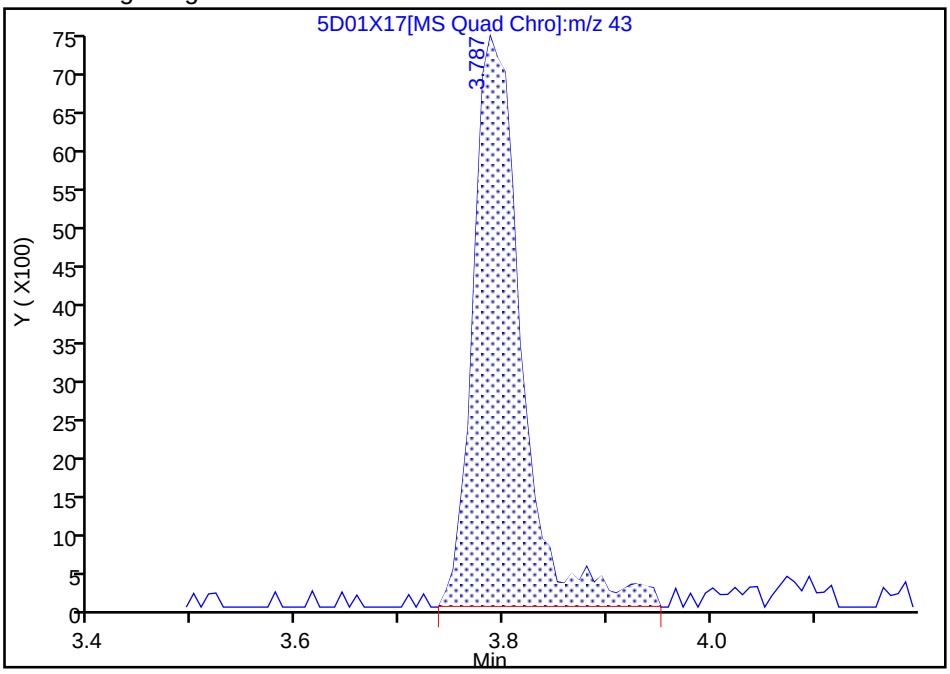
Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251201-168348.b\5D01X17.D				
Injection Date:	01-Dec-2025 12:34:00	Instrument ID:	HP22820		
Lims ID:	410-255202-A-1	Lab Sample ID:	410-255202-1		
Client ID:	1925				
Operator ID:	sn105465	ALS Bottle#:	8	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

18 Acetone, CAS: 67-64-1

Signal: 1

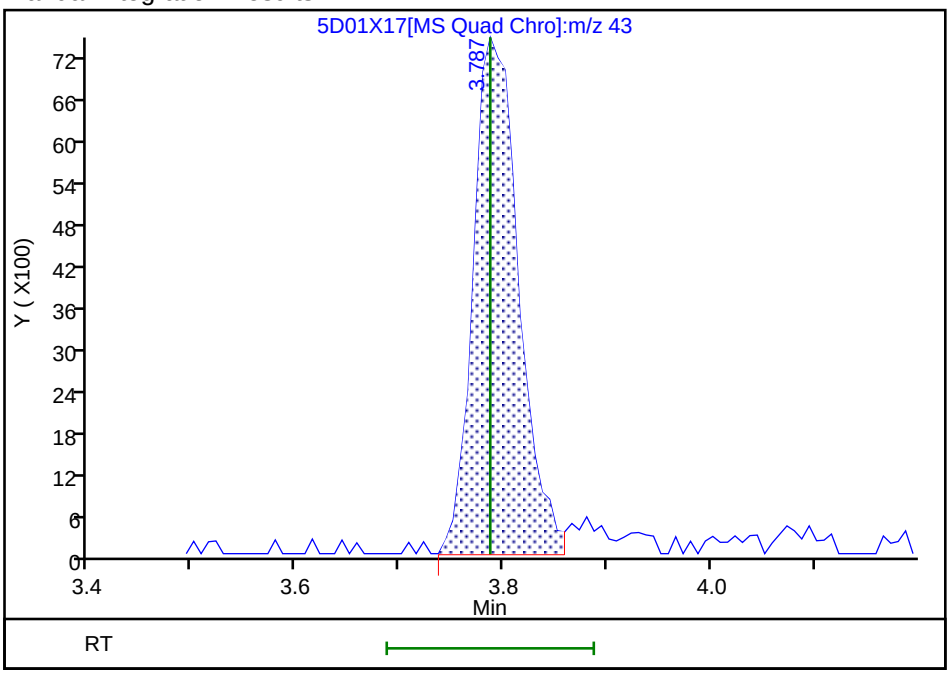
Processing Integration Results

RT: 3.79
Area: 24403
Amount: 1.000897
Amount Units: ppb v/v



Manual Integration Results

RT: 3.79
Area: 22700
Amount: 0.931048
Amount Units: ppb v/v



Reviewer: D7UM, 01-Dec-2025 13:10:14 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255302-1

SDG No.:

Client Sample ID: 1608 Lab Sample ID: 410-255302-1

Matrix: Air Lab File ID: 5D01X24.D

Analysis Method: TO-15 Date Collected: 11/29/2025 17:30

Sample wt/vol: 200(mL) Date Analyzed: 12/01/2025 17:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736738 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255302-1

SDG No.:

Client Sample ID: 1608 Lab Sample ID: 410-255302-1

Matrix: Air Lab File ID: 5D01X24.D

Analysis Method: TO-15 Date Collected: 11/29/2025 17:30

Sample wt/vol: 200(mL) Date Analyzed: 12/01/2025 17:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736738 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255302-1

SDG No.:

Client Sample ID: 1608 Lab Sample ID: 410-255302-1

Matrix: Air Lab File ID: 5D01X24.D

Analysis Method: TO-15 Date Collected: 11/29/2025 17:30

Sample wt/vol: 200(mL) Date Analyzed: 12/01/2025 17:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 30m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 736738 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP22820

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251201-168348.b\5D01X24.D				
Lims ID:	410-255302-A-1				
Client ID:	1608				
Sample Type:	Client				
Inject. Date:	01-Dec-2025 17:26:13	ALS Bottle#:	9	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc1608				
Misc. Info.:	410-0168348-018				
Operator ID:	sn105465	Instrument ID:	HP22820		
Method:	\\chromfs\Lancaster\ChromData\HP22820\20251201-168348.b\AirMS_TO15_HP22820.m				
Limit Group:	MSV - TO15				
Last Update:	02-Dec-2025 14:14:31	Calib Date:	12-Nov-2025 16:40:06		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP22820\20251112-166443.b\5N12X18.D				
Column 1 :	DB-624 30m .25mm (0.25 mm)		Det: MS Quad		
Process Host:	CTX1611				
First Level Reviewer: LER7		Date:	02-Dec-2025 14:15:55		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
18 Acetone	43	3.801	3.787	0.014	98	11327	0.4194	
* 39 Chlorobromomethane (IS)	130	6.294	6.301	-0.007	86	103733	10.0	
* 51 1,4-Difluorobenzene	114	7.268	7.268	0.000	93	481165	10.0	
* 72 Chlorobenzene-d5 (IS)	117	9.603	9.603	0.000	83	465961	10.0	

QC Flag Legend

Processing Flags

Reagents:

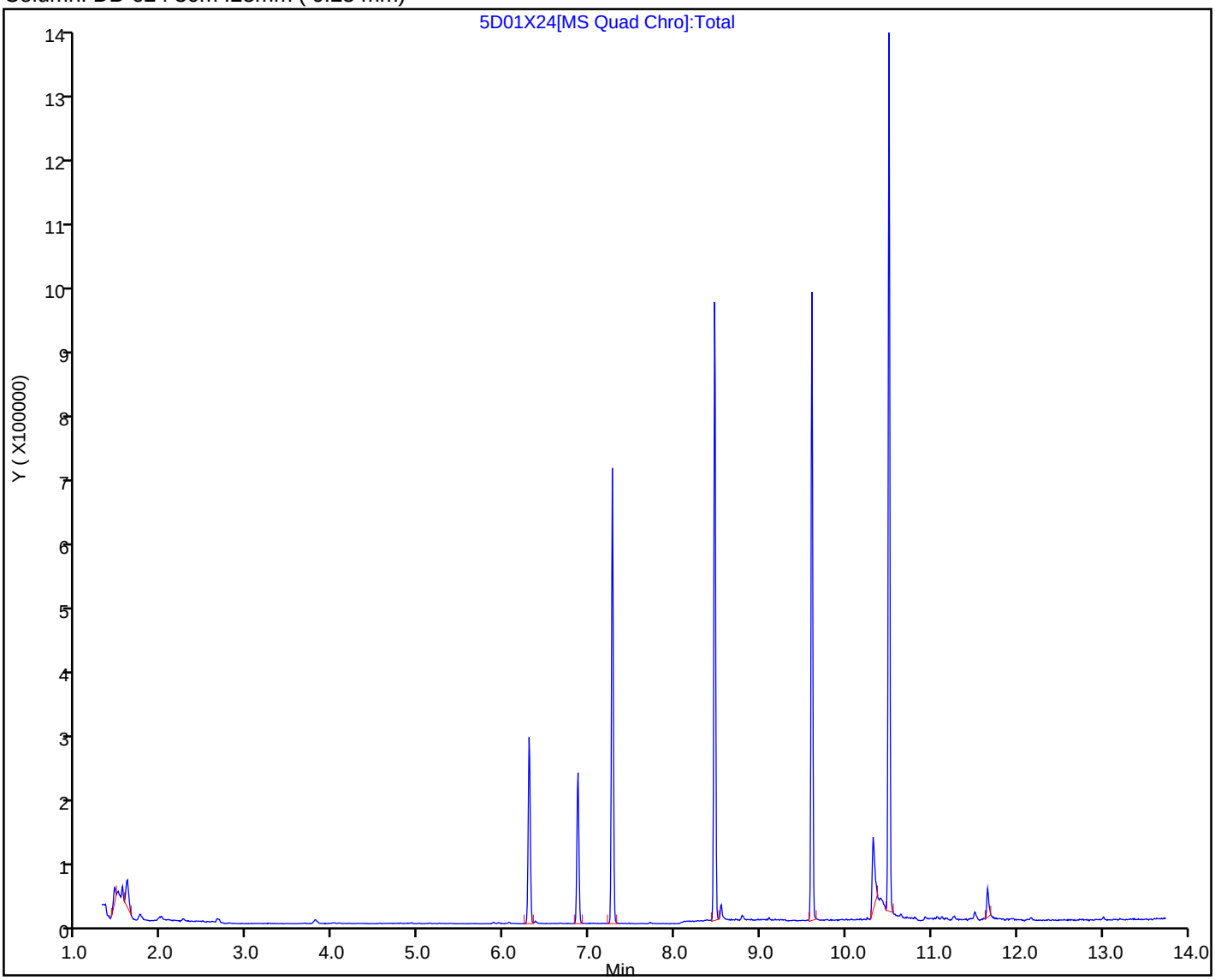
AIRIS200 ppb_00579 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 02-Dec-2025 14:15:55 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP22820\20251201-168348.b\5D01X24.D				
Injection Date:	01-Dec-2025 17:26:13	Instrument ID:	HP22820		
Lims ID:	410-255302-A-1	Lab Sample ID:	410-255302-1		
Client ID:	1608				
Operator ID:	sn105465	ALS Bottle#:	9	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		

Column: DB-624 30m .25mm (0.25 mm)



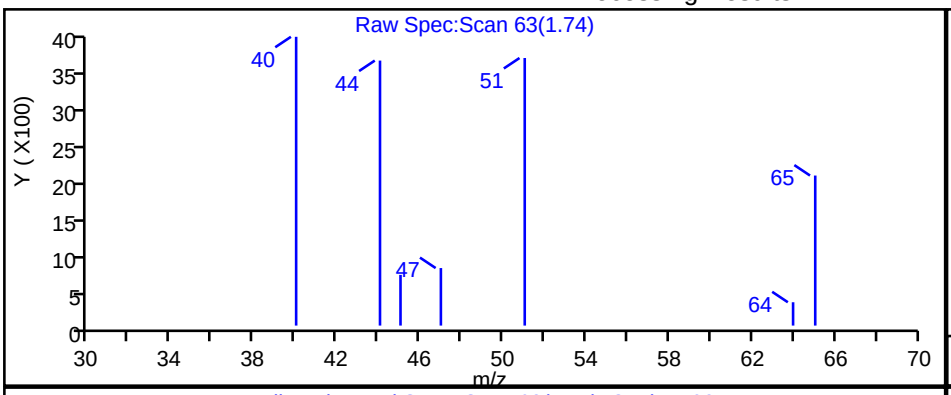
User Disabled Compound Report

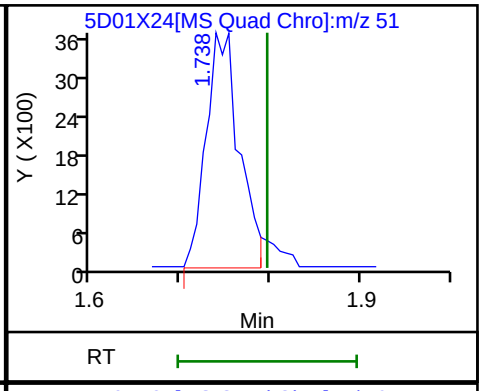
Eurofins Lancaster Laboratories Environment Testing, LLC

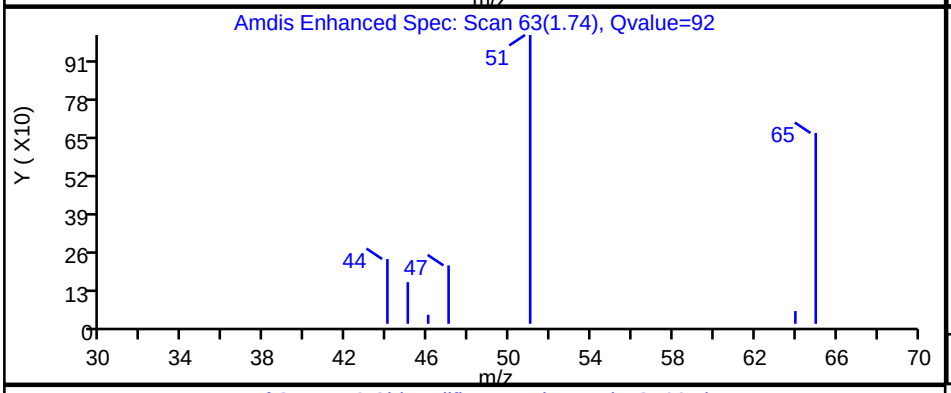
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Injection Date:	01-Dec-2025 17:26:13	Instrument ID:	HP22820		
Lims ID:	410-255302-A-1	Lab Sample ID:	410-255302-1		
Client ID:	1608				
Operator ID:	sn105465	ALS Bottle#:	9	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	AirMS_TO15_HP22820	Limit Group:	MSV - TO15		
Column:	DB-624 30m .25mm (0.25 mm)	Detector	MS Quad		

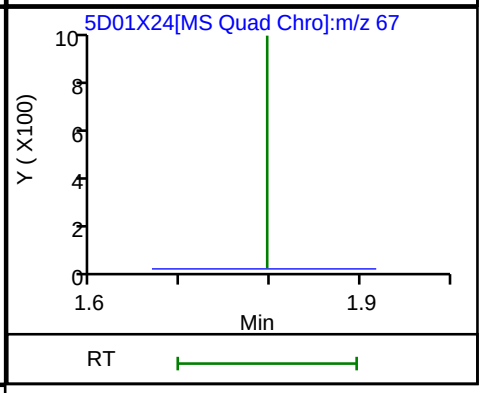
3 Chlorodifluoromethane, CAS: 75-45-6

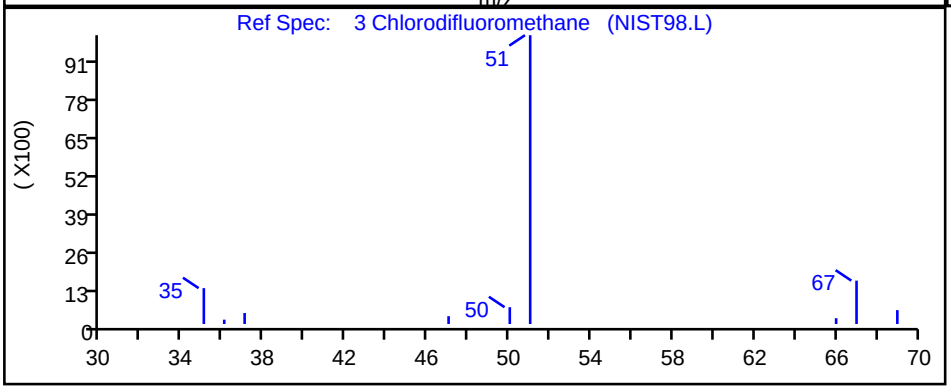
Processing Results











RT	Mass	Response	Amount
1.74	51.00	9252	0.424087
1.80	67.00	0	

Reviewer: LER7, 02-Dec-2025 10:05:48 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255637-1

SDG No.:

Client Sample ID: 333 Lab Sample ID: 410-255637-1

Matrix: Air Lab File ID: 7D02X66.D

Analysis Method: TO-15 Date Collected: 12/03/2025 05:11

Sample wt/vol: 200(mL) Date Analyzed: 12/03/2025 14:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 737863 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.15
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.12
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.15
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.12
75-34-3	1,1-Dichloroethane	ND		1.0	0.089
75-35-4	1,1-Dichloroethene	ND		1.0	0.14
96-18-4	1,2,3-Trichloropropane	ND		1.0	0.14
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.50
95-63-6	1,2,4-Trimethylbenzene	ND		2.0	0.28
106-93-4	1,2-Dibromoethane	ND		1.0	0.13
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.080
78-87-5	1,2-Dichloropropane	ND		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	ND		2.0	0.32
540-59-0	1,2-Dichloroethene (total)	ND		1.0	0.20
106-99-0	1,3-Butadiene	ND		1.0	0.17
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.30
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.30
78-93-3	2-Butanone	ND		1.0	0.21
591-78-6	2-Hexanone	ND		2.0	0.50
107-05-1	3-Chloroprene	ND		1.0	0.20
622-96-8	4-Ethyltoluene	ND		1.0	0.18
108-10-1	4-Methyl-2-pentanone	ND		1.0	0.15
67-64-1	Acetone	ND		5.0	1.0
71-43-2	Benzene	ND		1.0	0.11
108-86-1	Bromobenzene	ND		1.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.40
75-25-2	Bromoform	ND		1.0	0.40
74-83-9	Bromomethane	ND		1.0	0.20
75-15-0	Carbon disulfide	ND		1.0	0.40
56-23-5	Carbon tetrachloride	ND		1.0	0.14
108-90-7	Chlorobenzene	ND		1.0	0.13

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255637-1

SDG No.:

Client Sample ID: 333 Lab Sample ID: 410-255637-1

Matrix: Air Lab File ID: 7D02X66.D

Analysis Method: TO-15 Date Collected: 12/03/2025 05:11

Sample wt/vol: 200(mL) Date Analyzed: 12/03/2025 14:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 737863 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-45-6	Chlorodifluoromethane	ND		1.0	0.40
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.092
74-87-3	Chloromethane	ND		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.20
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.10
593-60-2	Bromoethene	ND		1.0	0.18
98-82-8	Cumene	ND		1.0	0.24
124-48-1	Dibromochloromethane	ND		1.0	0.40
74-95-3	Dibromomethane	ND		1.0	0.14
75-71-8	Dichlorodifluoromethane	ND		1.0	0.13
75-43-4	Dichlorofluoromethane	ND		1.0	0.11
100-41-4	Ethylbenzene	ND		1.0	0.19
76-13-1	Freon 113	ND		1.0	0.20
76-14-2	Freon-114	ND		1.0	0.12
142-82-5	Heptane	ND		1.0	0.23
67-72-1	Hexachloroethane	ND		2.0	0.27
110-54-3	Hexane	ND		1.0	0.30
540-84-1	Isooctane	ND		1.0	0.40
179601-23-1	m&p-Xylene	ND		1.0	0.26
1634-04-4	Methyl t-butyl ether	ND		1.0	0.15
75-09-2	Methylene Chloride	ND		2.0	0.25
95-47-6	o-Xylene	ND		1.0	0.19
111-65-9	Octane	ND		2.0	0.40
100-42-5	Styrene	ND		1.0	0.20
127-18-4	Tetrachloroethene	ND		2.0	0.25
108-88-3	Toluene	ND		1.0	0.40
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.12
79-01-6	Trichloroethene	ND		1.0	0.18
75-69-4	Trichlorofluoromethane	ND		1.0	0.15
75-01-4	Vinyl chloride	ND		1.0	0.12

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-255637-1

SDG No.:

Client Sample ID: 333 Lab Sample ID: 410-255637-1

Matrix: Air Lab File ID: 7D02X66.D

Analysis Method: TO-15 Date Collected: 12/03/2025 05:11

Sample wt/vol: 200(mL) Date Analyzed: 12/03/2025 14:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS 60m ID: 0.25(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 737863 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP8R004

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	ND		1.0	0.60
91-20-3	Naphthalene	ND		2.0	1.0
1330-20-7	Xylenes, Total	ND		2.0	0.19
96-33-3	Methyl acrylate	ND		1.0	0.20
109-99-9	Tetrahydrofuran	ND		1.0	0.24
141-78-6	Ethyl acetate	ND		2.0	0.25
80-62-6	Methyl methacrylate	ND		1.0	0.15
75-65-0	tert-Butyl alcohol	ND		1.0	0.21
100-44-7	Benzyl chloride	ND		2.0	0.30
87-68-3	Hexachlorobutadiene	ND		2.0	0.47
104-51-8	n-Butylbenzene	ND		2.0	0.26
95-49-8	2-Chlorotoluene	ND		1.0	0.22
75-05-8	Acetonitrile	ND		5.0	0.83
115-07-1	Propene	ND		1.0	0.30
123-91-1	1,4-Dioxane	ND		1.0	0.17
74-88-4	Iodomethane	ND		1.0	0.20
107-13-1	Acrylonitrile	ND		1.0	0.20
98-83-9	Alpha Methyl Styrene	ND		1.0	0.20
97-63-2	Ethyl methacrylate	ND		1.0	0.19
135-98-8	sec-Butylbenzene	ND		2.0	0.39
103-65-1	N-Propylbenzene	ND		1.0	0.21
110-82-7	Cyclohexane	ND		1.0	0.20
107-02-8	Acrolein	ND		5.0	0.62
64-17-5	Ethanol	ND		5.0	2.0
99-87-6	p-Isopropyltoluene	ND		2.0	0.28
140-88-5	Ethyl acrylate	ND		1.0	0.16
108-05-4	Vinyl acetate	ND		1.0	0.16
98-06-6	tert-Butylbenzene	ND		5.0	0.76

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\HP8R004\20251202-168597.b\7D02X66.D				
Lims ID:	410-255637-A-1				
Client ID:	333				
Sample Type:	Client				
Inject. Date:	03-Dec-2025 14:45:25	ALS Bottle#:	16	Worklist Smp#:	40
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc333				
Misc. Info.:	410-0168597-040				
Operator ID:	AL109694	Instrument ID:	HP8R004		
Method:	\\chromfs\Lancaster\ChromData\HP8R004\20251202-168597.b\TO15_HP8R004.m				
Limit Group:	MSV - TO15				
Last Update:	03-Dec-2025 14:36:23	Calib Date:	02-Dec-2025 22:51:56		
Integrator:	Falcon	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP8R004\20251202-168597.b\7D02X35.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1681				
First Level Reviewer: JXC9		Date:	03-Dec-2025 16:19:41		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
20 Isopropyl alcohol	45	6.592	6.588	0.014	88	13456	0.4211	
* 35 Chlorobromomethane (IS)	130	9.601	9.601	0.000	86	252055	10.0	
* 50 1,4-Difluorobenzene	114	11.213	11.205	0.008	97	948804	10.0	
* 68 Chlorobenzene-d5 (IS)	117	14.465	14.457	0.008	92	852784	10.0	

QC Flag Legend

Processing Flags

Reagents:

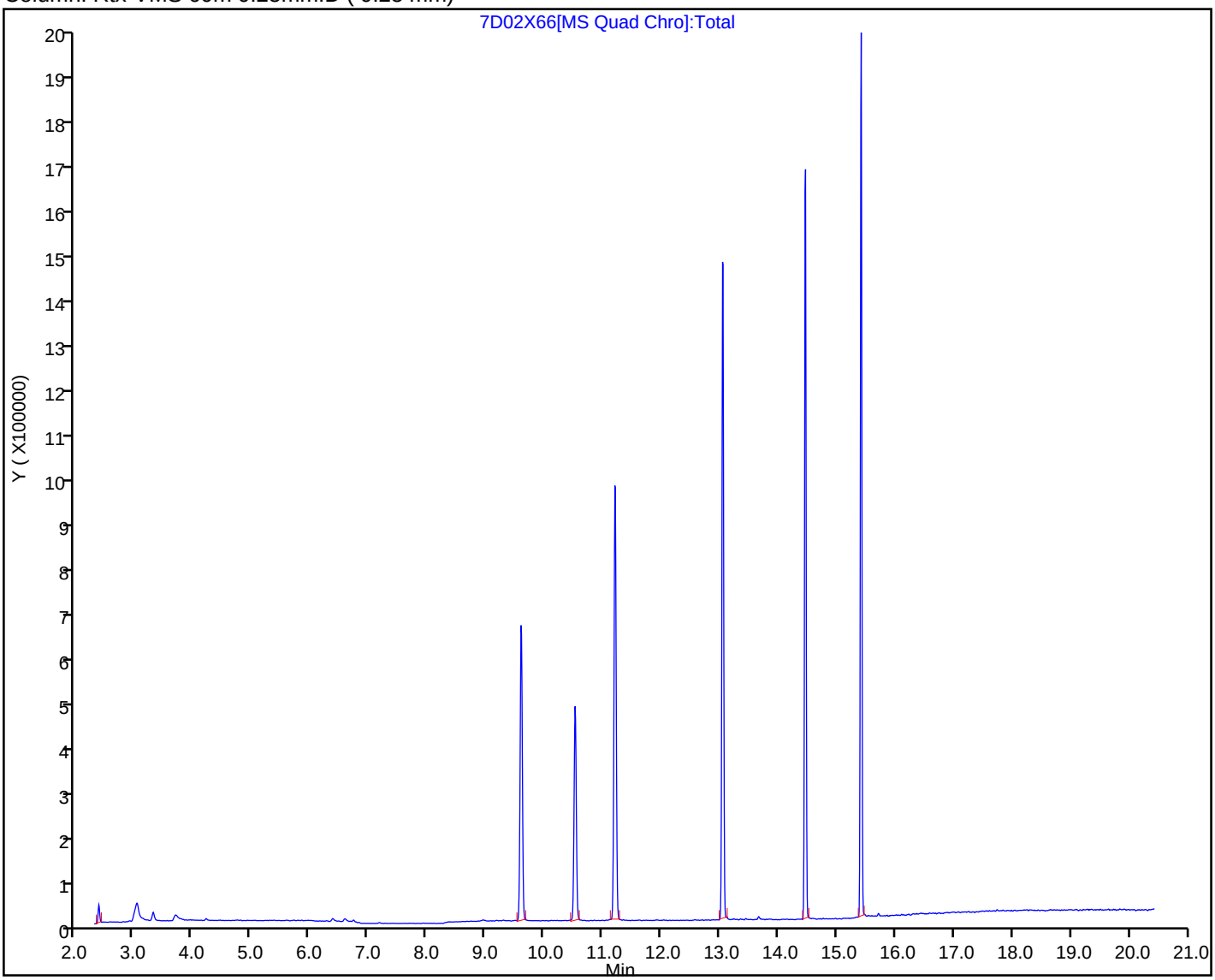
AIRIS200 ppb_00580 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 03-Dec-2025 20:30:52 Chrom Revision: 2.3 17-Oct-2025 18:32:50

Eurofins Lancaster Laboratories Environment Testing, LLC

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Lims ID:	410-255637-A-1	Lab Sample ID:	410-255637-1		
Client ID:	333				
Operator ID:	AL109694	ALS Bottle#:	16	Worklist Smp#:	40
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)



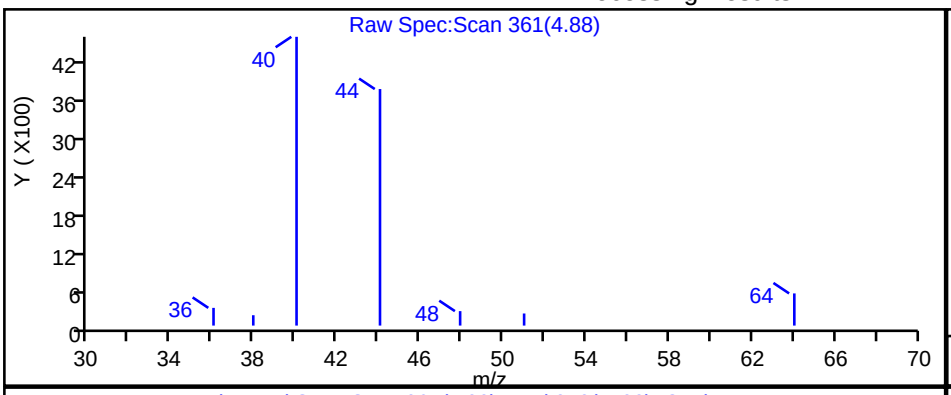
User Disabled Compound Report

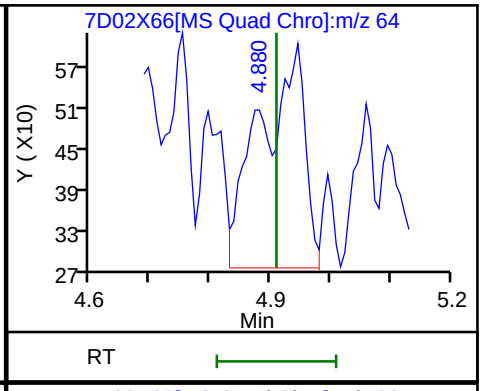
Eurofins Lancaster Laboratories Environment Testing, LLC

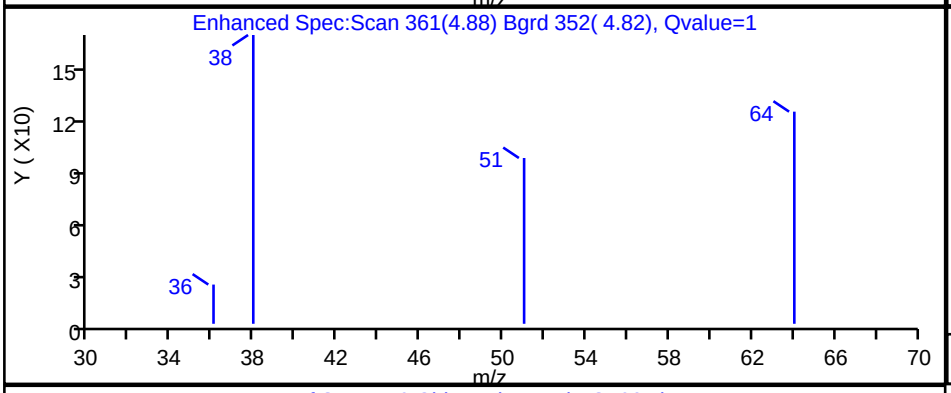
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Lims ID:	410-255637-A-1	Lab Sample ID:	410-255637-1		
Client ID:	333				
Operator ID:	AL109694	ALS Bottle#:	16	Worklist Smp#:	40
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP8R004	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

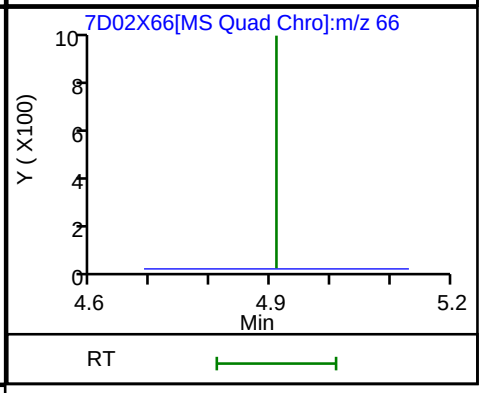
9 Chloroethane, CAS: 75-00-3

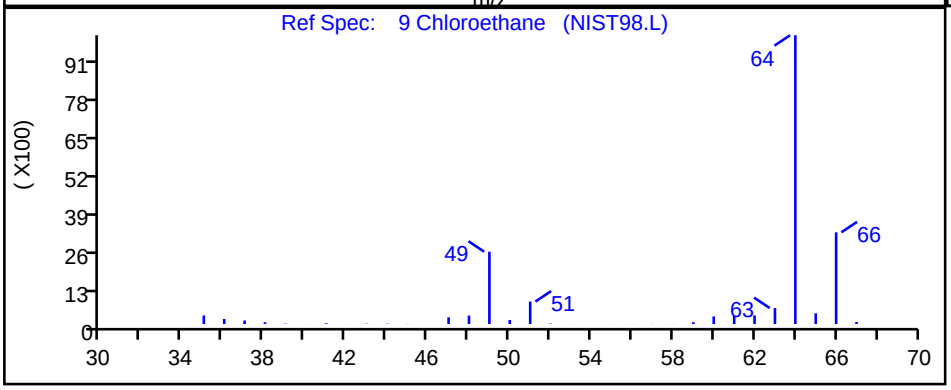
Processing Results











RT	Mass	Response	Amount
4.88	64.00	1684	0.126728
4.91	66.00	0	

Reviewer: JXC9, 03-Dec-2025 16:19:11 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

APPENDIX E

Photographs of Newtown Creek



Photograph 1: Former Brooklyn Terminal RCS outfall and receiving water in October 2025 (SPDES Permit No. NY 0267724, Outfall Number 001)



Photograph 2: Former Brooklyn Terminal RCS outfall and receiving water in October 2025 (SPDES Permit No. NY 0267724, Outfall Number 001)



Photograph 3: Off-Site System receiving water in October 2025
(SPDES Permit No. NY 0267724, Outfall Number 002)



Photograph 4: Off-Site System receiving water in October 2025
(SPDES Permit No. NY 0267724, Outfall Number 002)



Photograph 5: Former Brooklyn Terminal RCS outfall and receiving water in November 2025 (SPDES Permit No. NY 0267724, Outfall Number 001)



Photograph 6: Former Brooklyn Terminal RCS outfall and receiving water in November 2025 (SPDES Permit No. NY 0267724, Outfall Number 001)



Photograph 7: Off-Site System receiving water in November 2025
(SPDES Permit No. NY 0267724, Outfall Number 002)



Photograph 8: Off-Site System receiving water in November 2025
(SPDES Permit No. NY 0267724, Outfall Number 002)



Photograph 9: Former Brooklyn Terminal RCS outfall and receiving water in December 2025 (SPDES Permit No. NY 0267724, Outfall Number 001)



Photograph 10: Former Brooklyn Terminal RCS outfall and receiving water in December 2025 (SPDES Permit No. NY 0267724, Outfall Number 001)



Photograph 11: Off-Site System receiving water in December 2025 (SPDES Permit No. NY 0267724, Outfall Number 002)

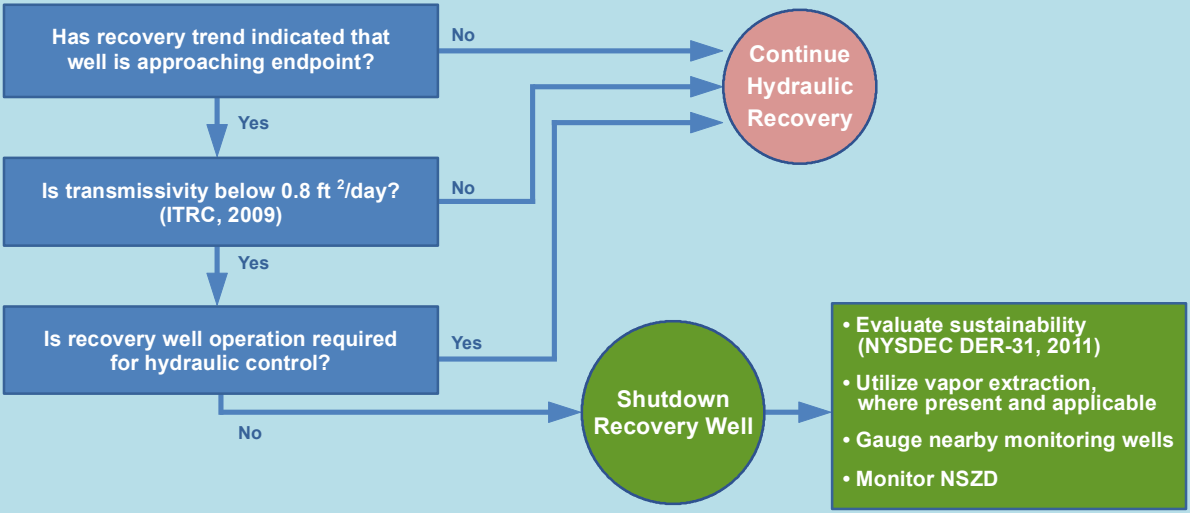


Photograph 12: Off-Site System receiving water in December 2025 (SPDES Permit No. NY 0267724, Outfall Number 002)

APPENDIX F

Recovery Well Shutdown Evaluation

RECOVERY WELL SHUTDOWN PROCEDURE



Has recovery trend indicated that well is approaching endpoint?

- O&M documentation shows 90% operational status or above
- Recovery rate below 3 gallons per day
- Recovery rate below 5% of historical peak recovery rate
  - Recovery wells with low historical production not included
- Annual recovery below 1% of historical recovery total

Appendix F. Recovery Well Endpoint Trends as of December 2025

Recovery Well	Year Installed as an Active Recovery Well	O&M documentation shows 90% or above operational status[1]	Recovery rate below 3 gpd[2]	Recovery rate below 5% of historical peak recovery rate[2]	Annual recovery below 1% of historical recovery total[3]	Is transmissivity below 0.8 ft^2/day? (ITRC, 2009)[2]	Included in "Reduction of Seven Recovery Wells Simulation"[4]	RW Meets all Criteria to be Shutdown
RW-14	1986	98%	3.6	2.5%	2.2%	0.05	No	No
RW-16	2015	95%	0.4	0.9%	0.7%	0.01	No	No
RW-17	2005	96%	0.1	0.1%	1.8%	0.00	No	No
RW-18	2005	98%	0.0	0.0%	0.4%	0.00	No	No
RW-20	2012	97%	2.8	12.4%	13.5%	0.10	No	No
RW-21	2008	79%	0.1	0.0%	0.3%	0.19	No	No
RW-24	2009	94%	0.6	0.7%	0.4%	0.37	No	No
RW-25	2008	85%	3.7	38.3%	20.2%	0.51	No	No
RW-28	2015	87%	0.0	0.0%	0.2%	0.00	Yes	No
RW-29	2014	76%	2.6	65.0%	41.7%	0.18	No	No
RW-A	1996	90%	0.7	0.1%	0.5%	0.19	No	No
RW-C	1995	90%	0.0	0.0%	0.0%	0.00	No	No
RW-D	1995	91%	0.0	0.0%	0.0%	0.00	Yes	Yes
RW-F	1996	79%	0.2	0.2%	0.1%	0.14	No	No
RW-H	2008	93%	0.4	0.4%	0.1%	0.09	No	No
RW-I	2008	39%	0.0	0.0%	0.0%	0.00	No	No
RW-K	2008	78%	0.0	0.0%	0.1%	0.00	Yes	No
RW-L	2008	76%	0.0	0.0%	0.1%	0.00	No	No
RW-M	2017	87%	0.0	0.0%	0.0%	0.00	No	No

Key:

Meets Criteria

Does Not Meet Criteria

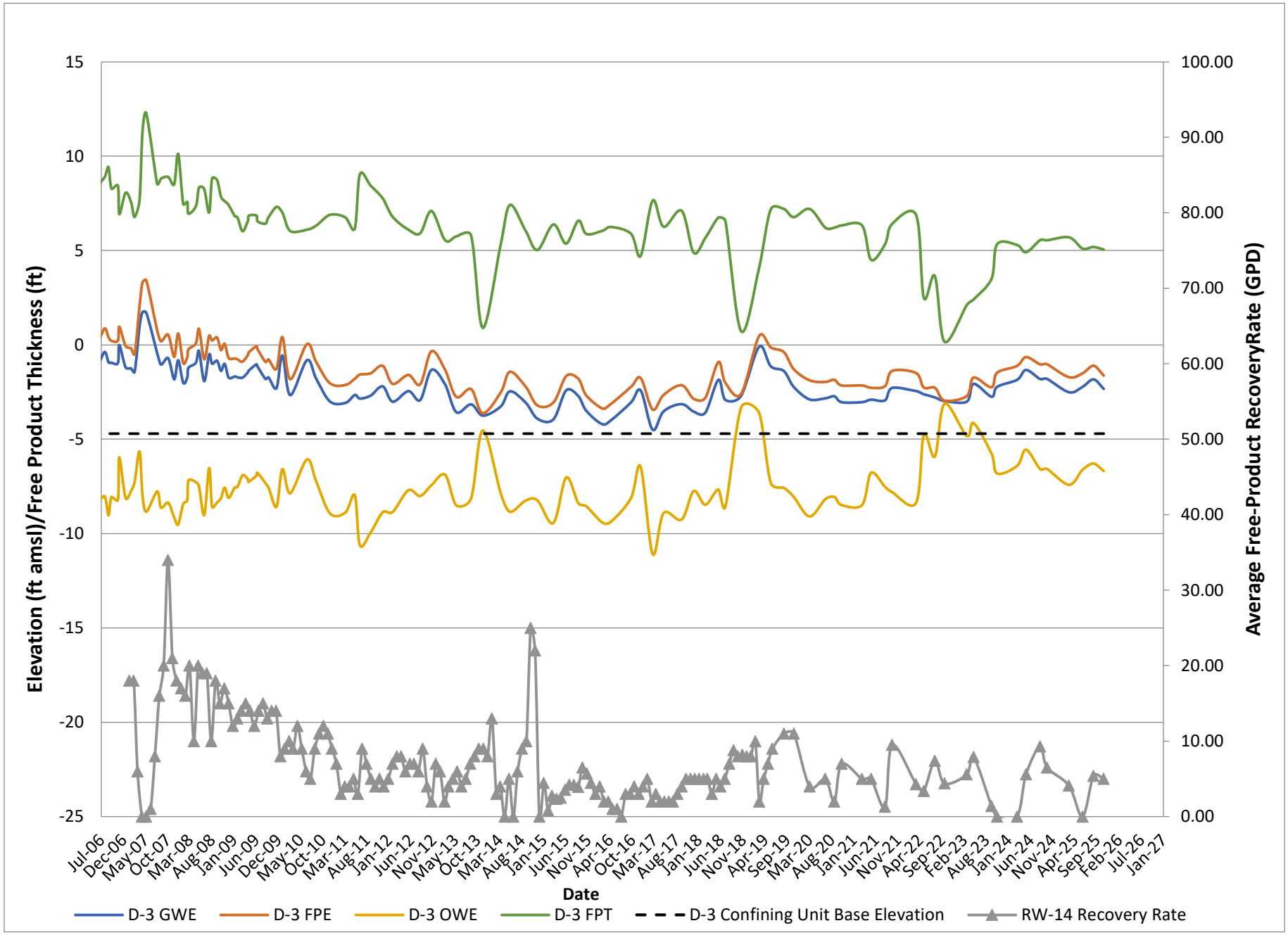
Notes:

1. Average over 6-month time period
2. Average over 3-month time period
3. Average over 12-month time period
4. The "Reduction of Seven Recovery Wells Simulation" is provided in the Groundwater Modeling Summary Report included in the 2019 Annual Progress Report.

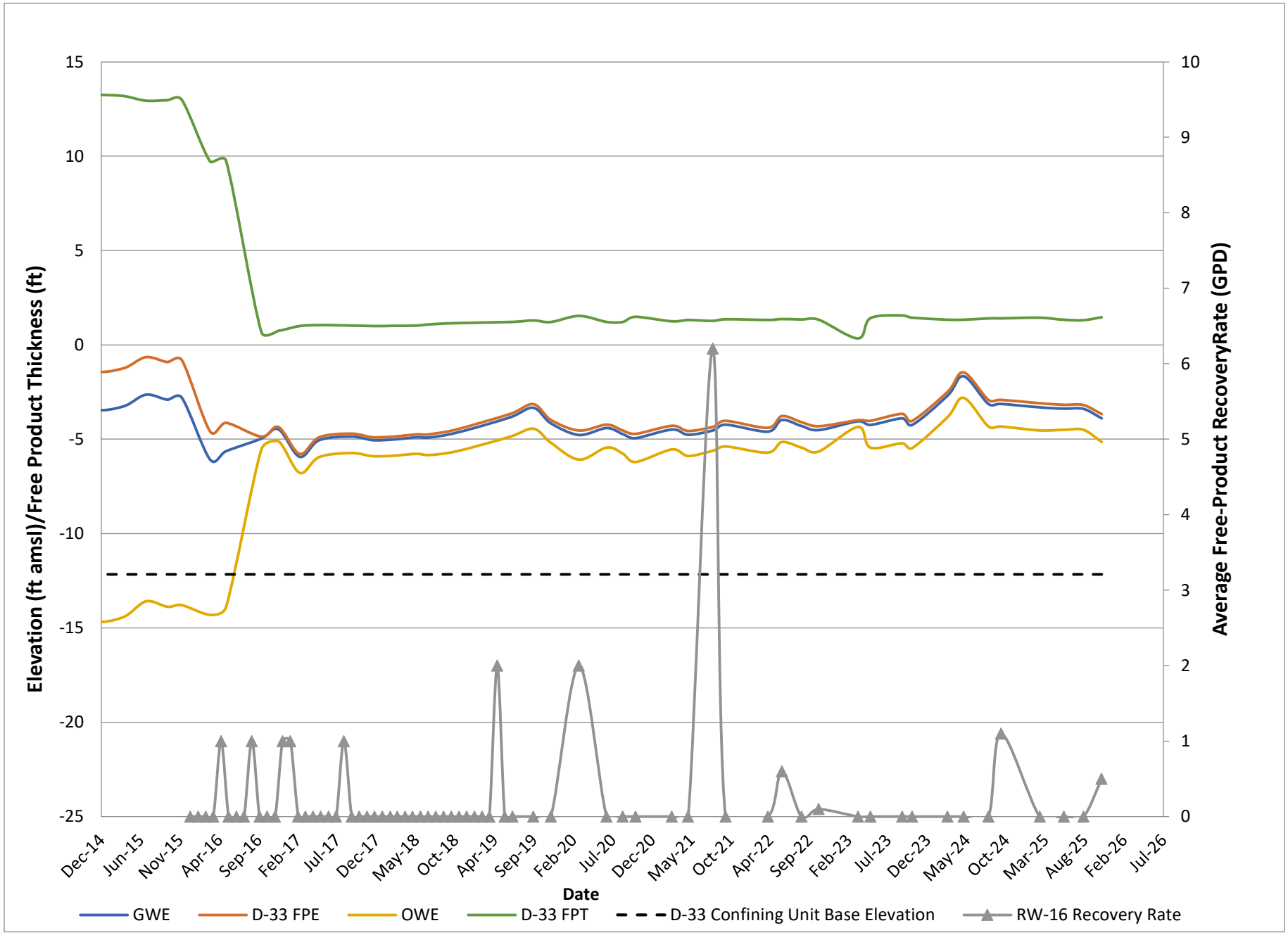
APPENDIX G

Hydrographs for Recovery Wells and
Surrounding Monitoring Wells

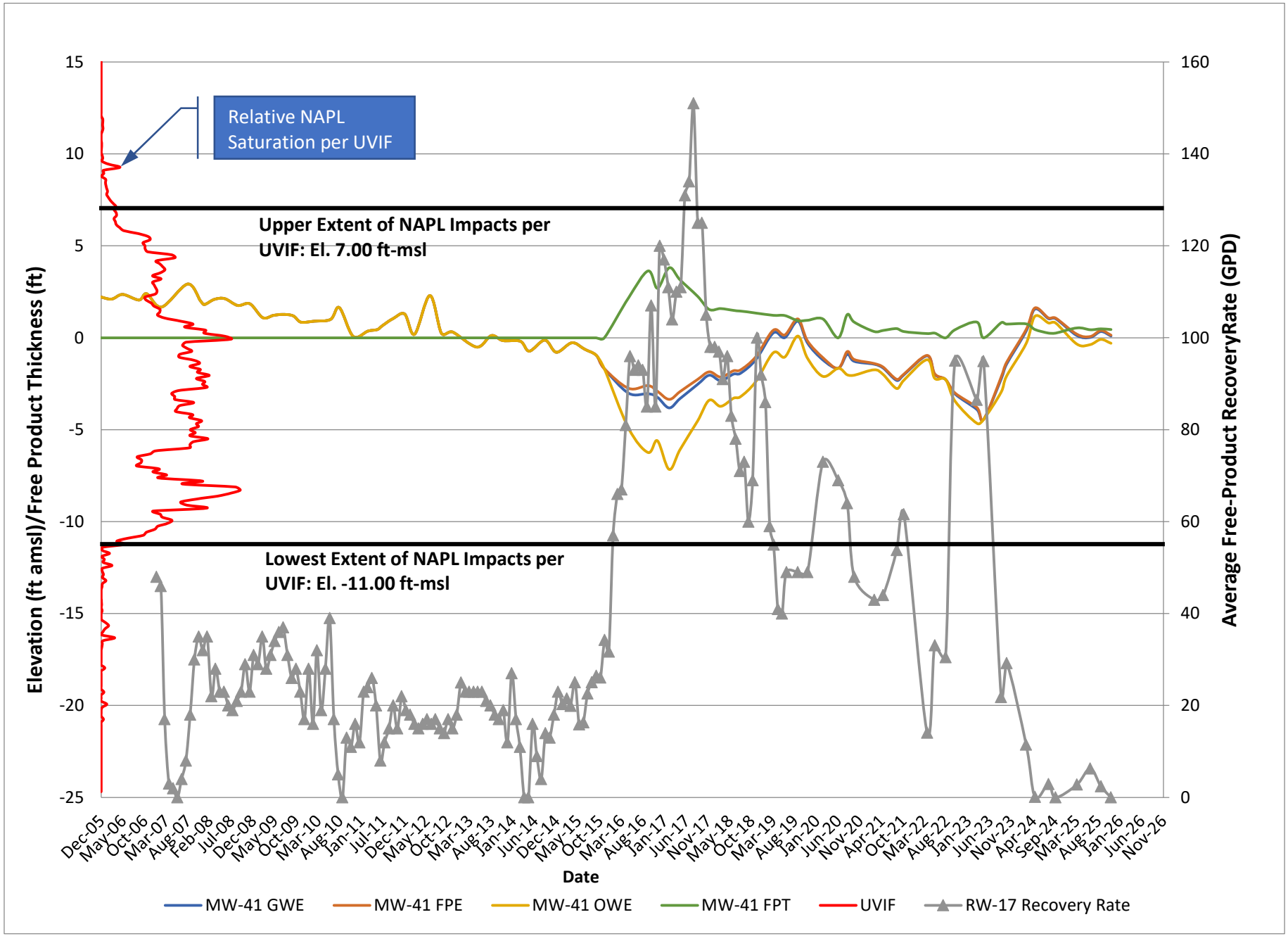
Recovery Well RW-14 Free-Product Recovery and Monitoring Well D-3 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



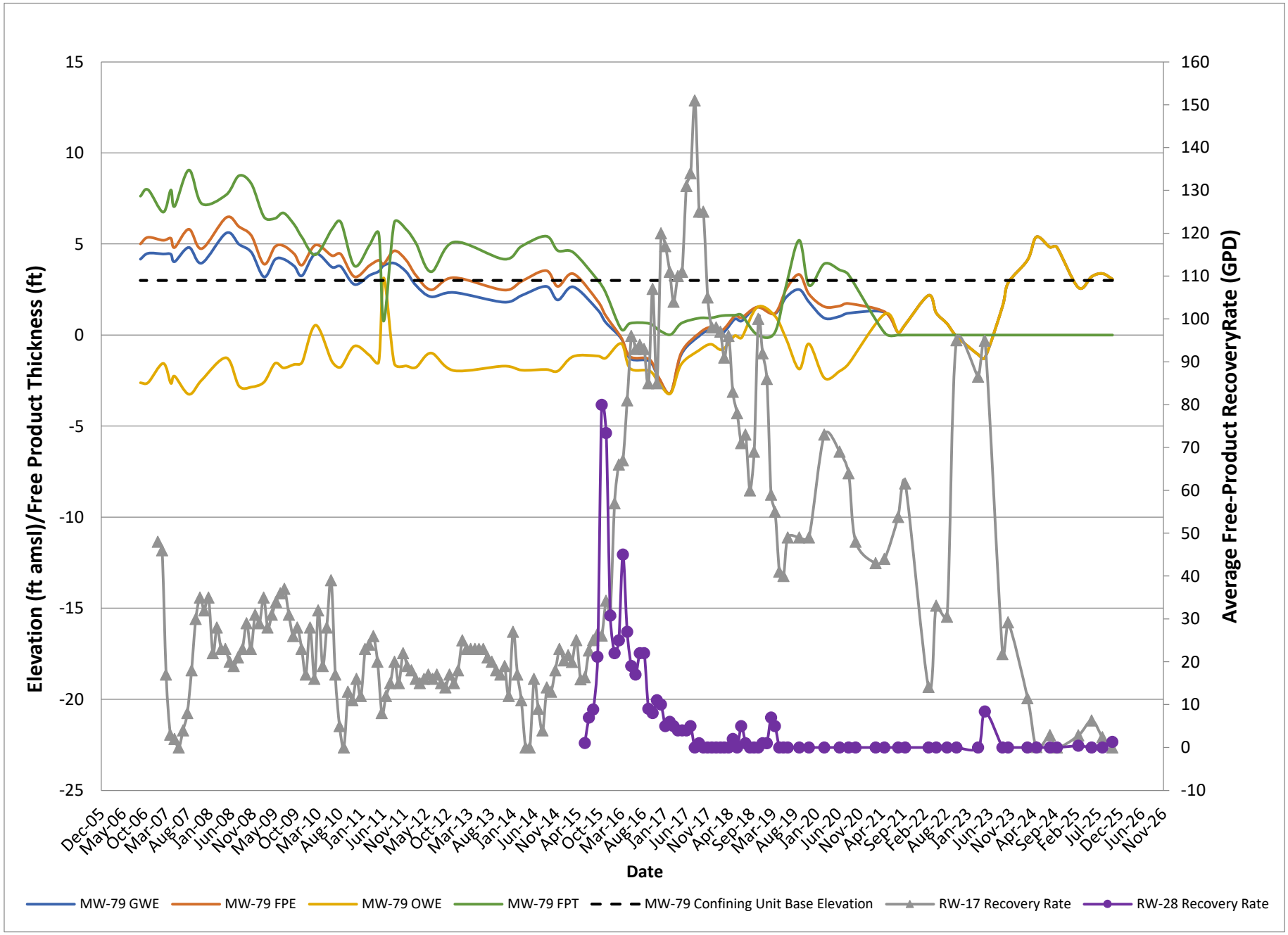
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ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



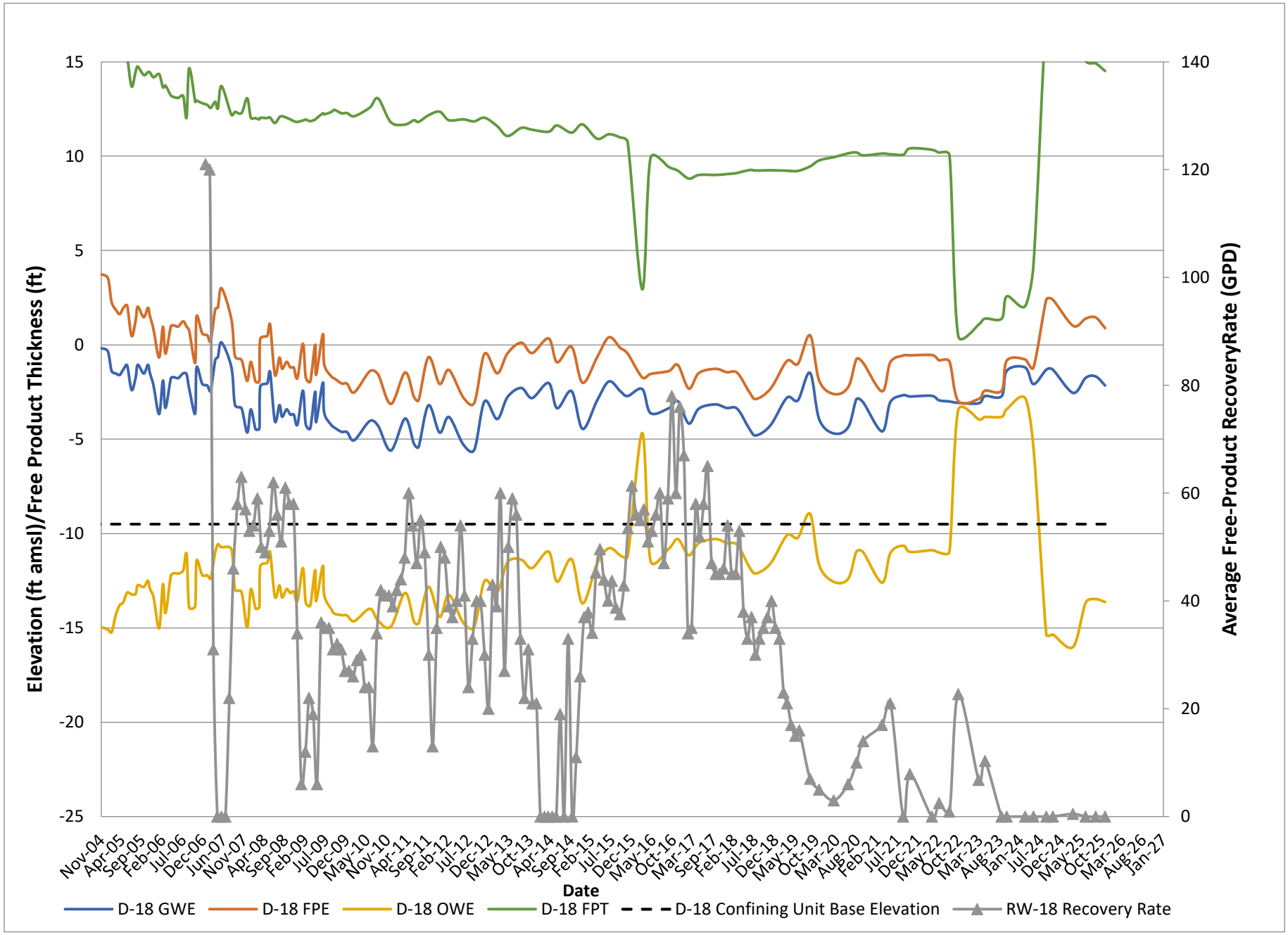
Recovery Well RW-17 Free-Product Recovery and Monitoring Well MW-41 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



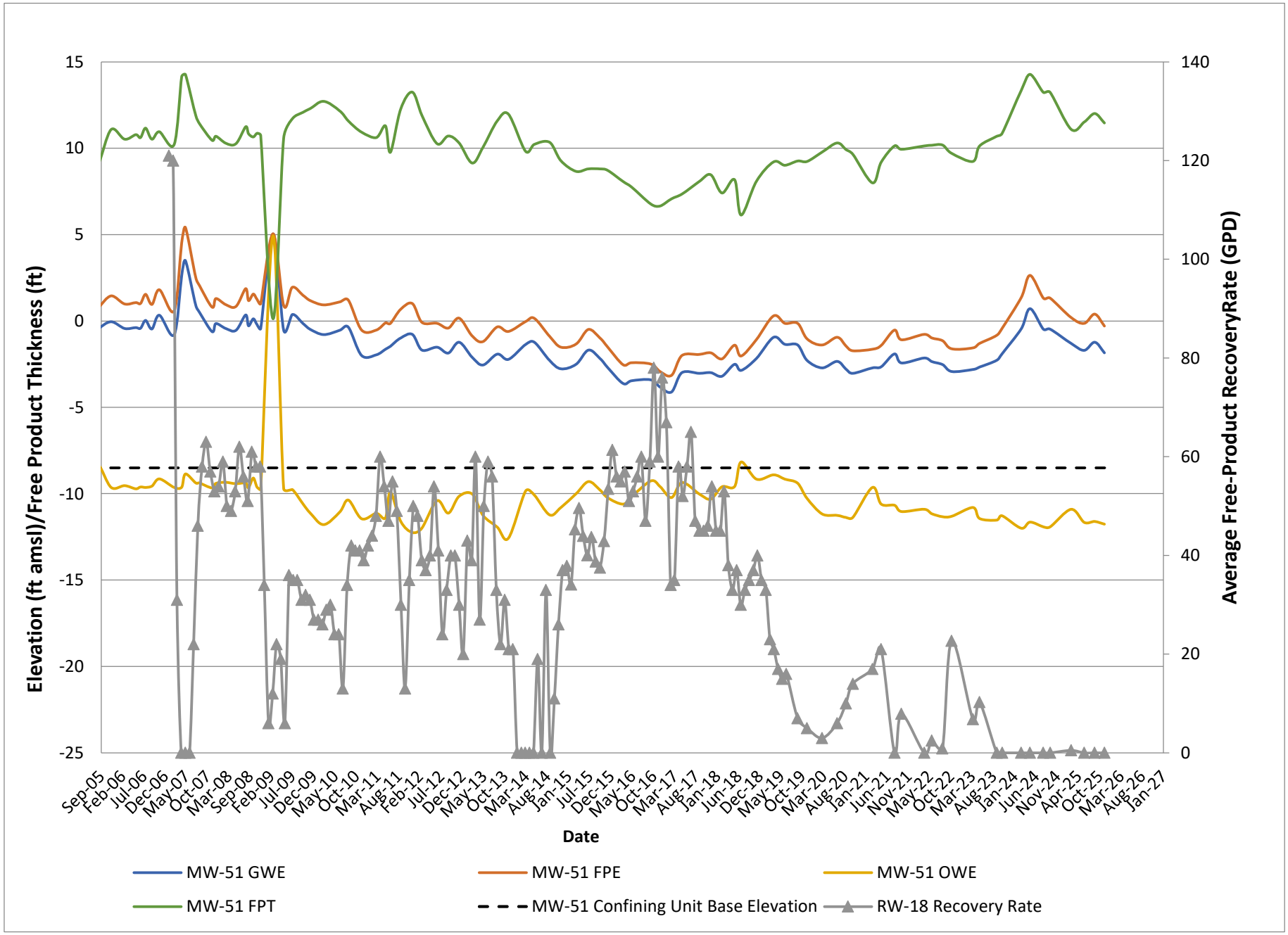
Recovery Well RW-17 and RW-28 Free-Product Recovery and Monitoring Well MW-79 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



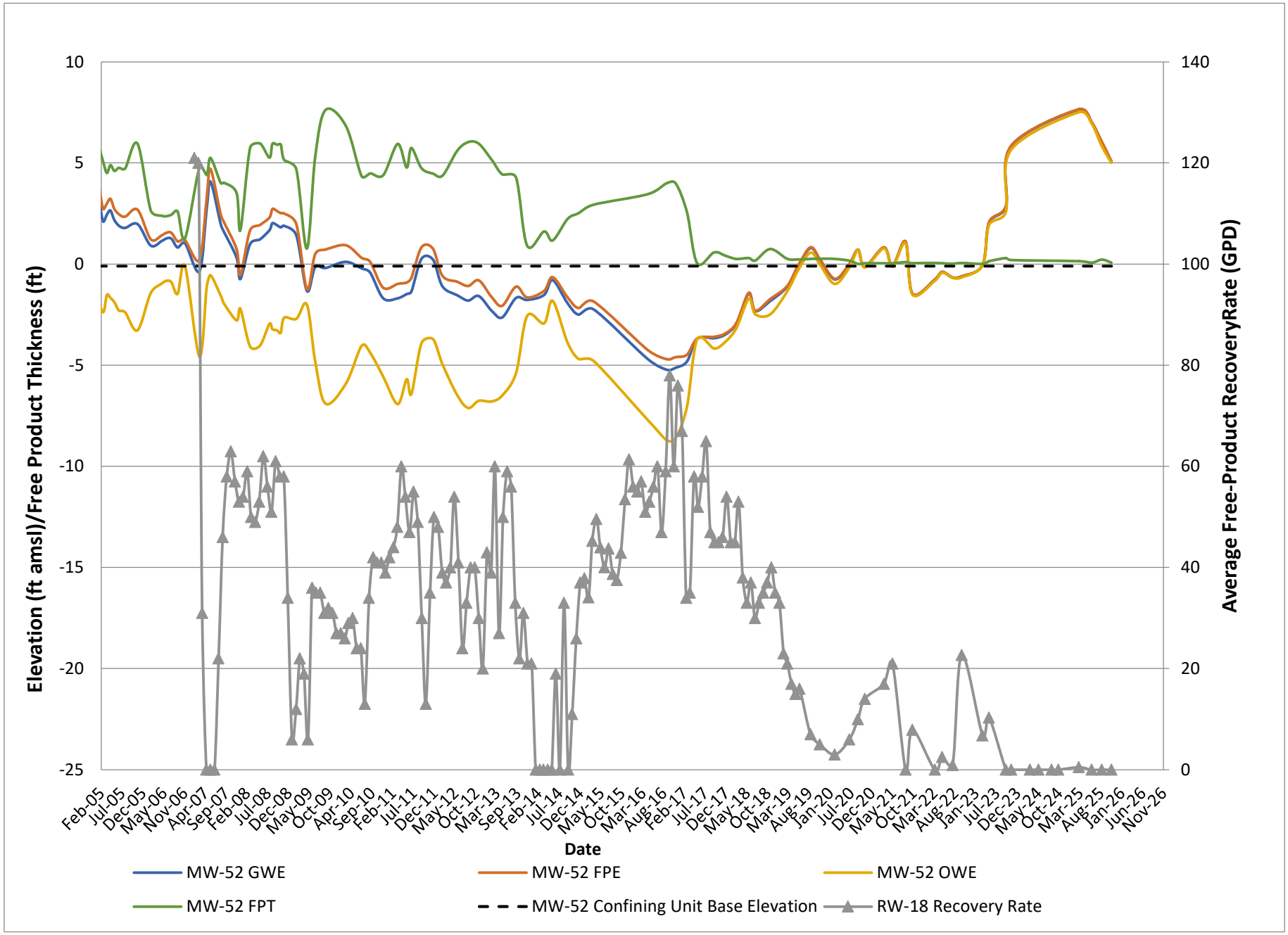
Recovery Well RW-18 Free-Product Recovery and Monitoring Well D-18 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



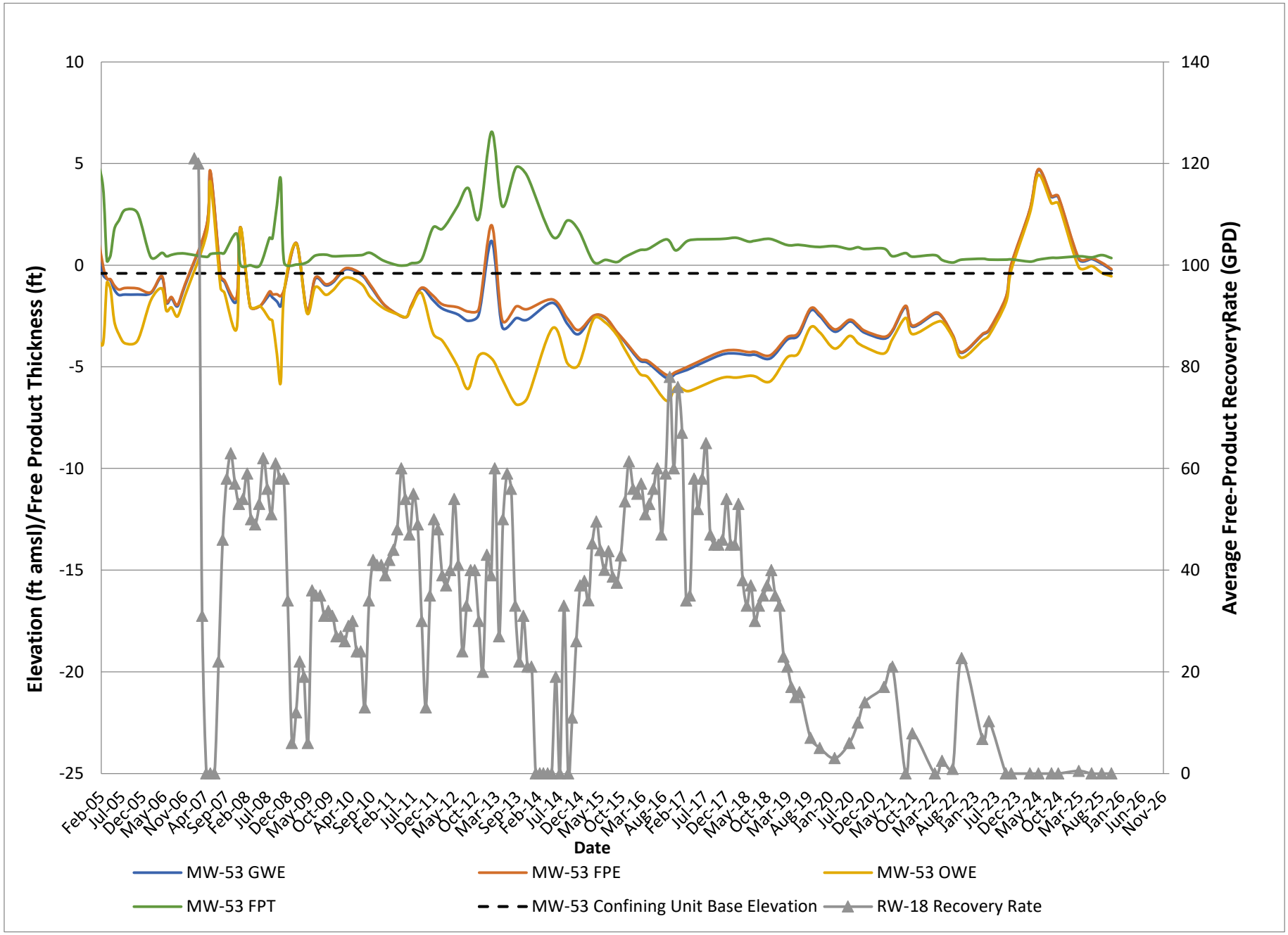
Recovery Well RW-18 Free-Product Recovery and Monitoring Well MW-51 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



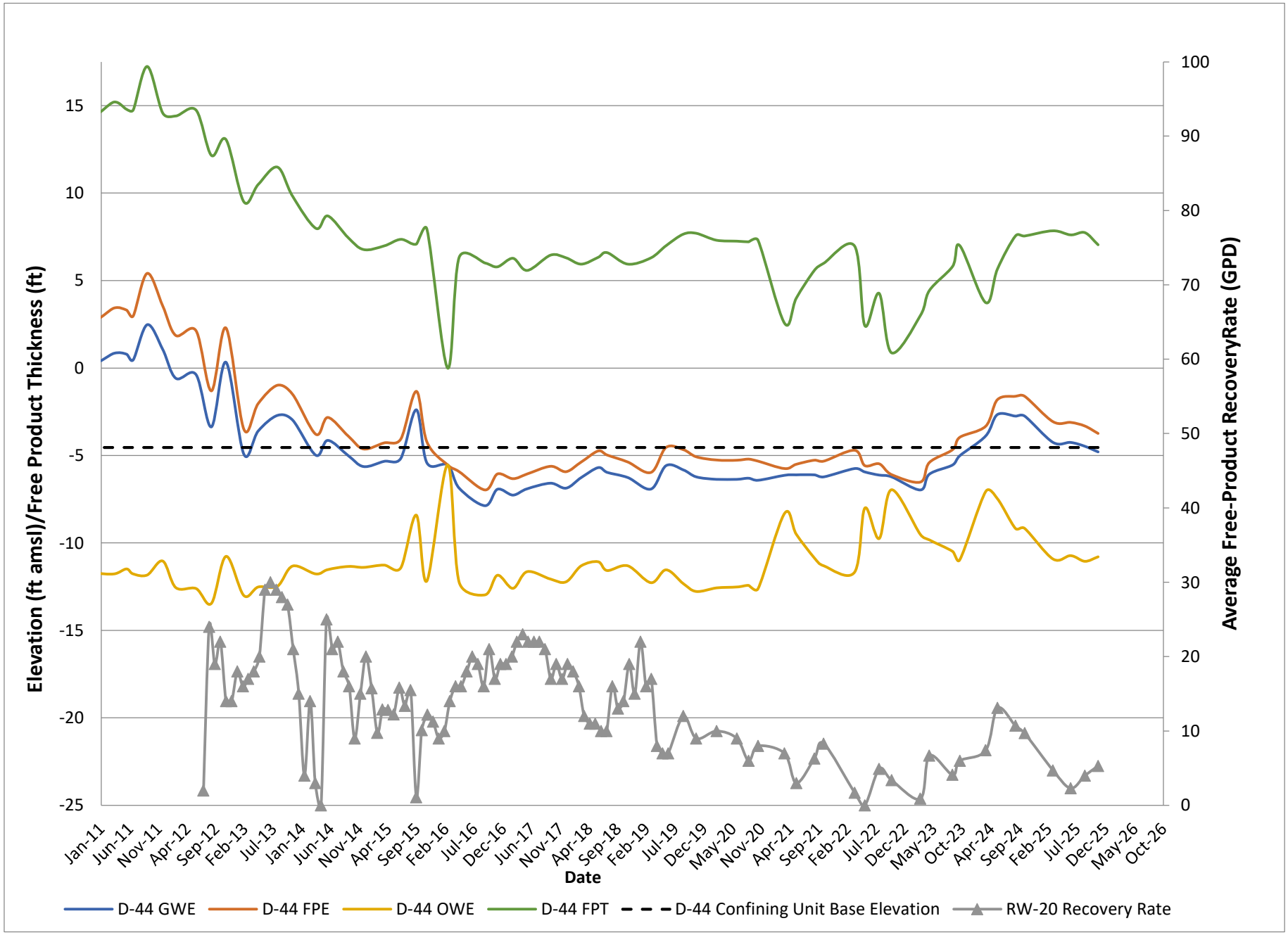
Recovery Well RW-18 Free-Product Recovery and Monitoring Well MW-52 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



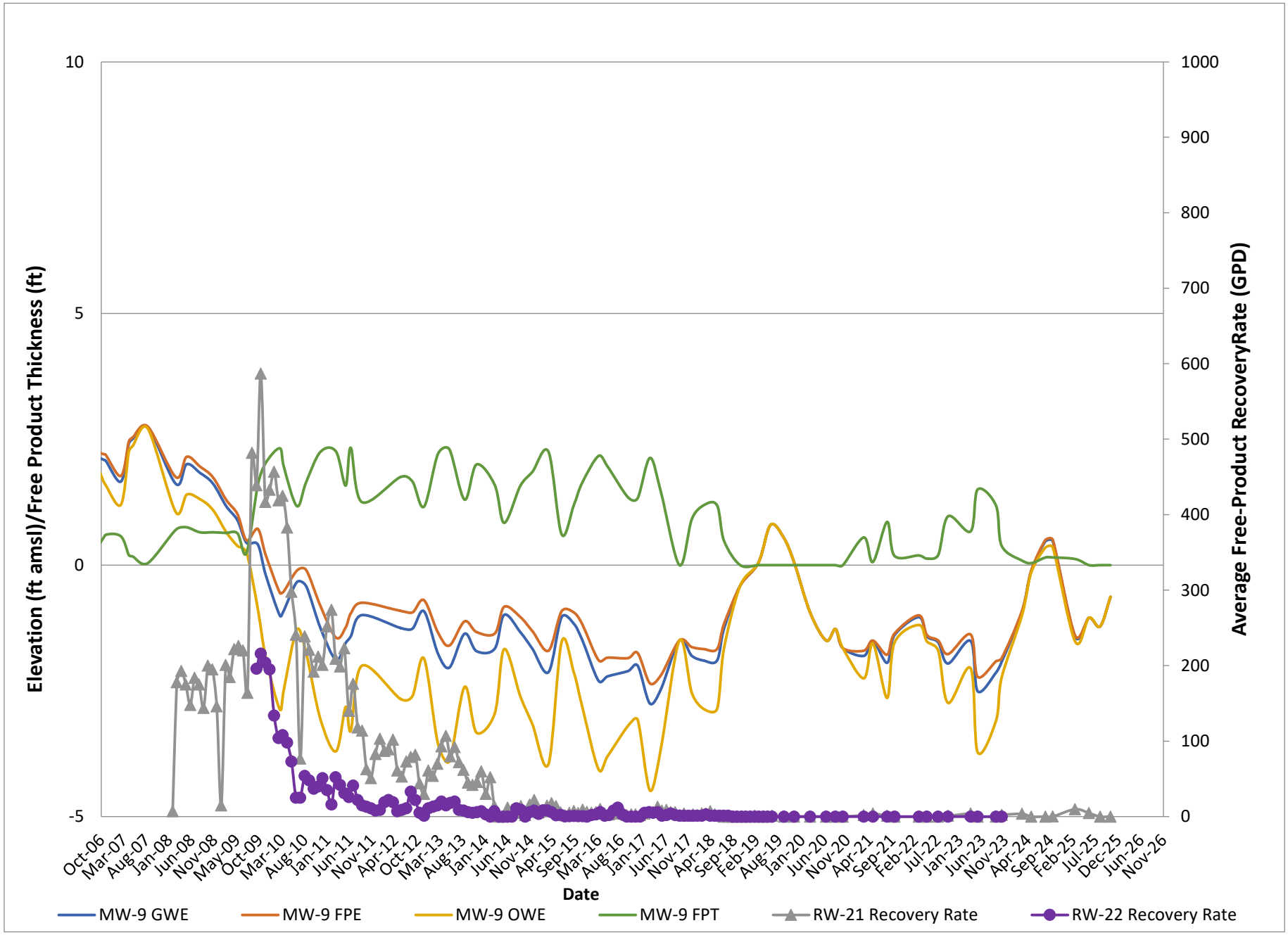
Recovery Well RW-18 Free-Product Recovery and Monitoring Well MW-53 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



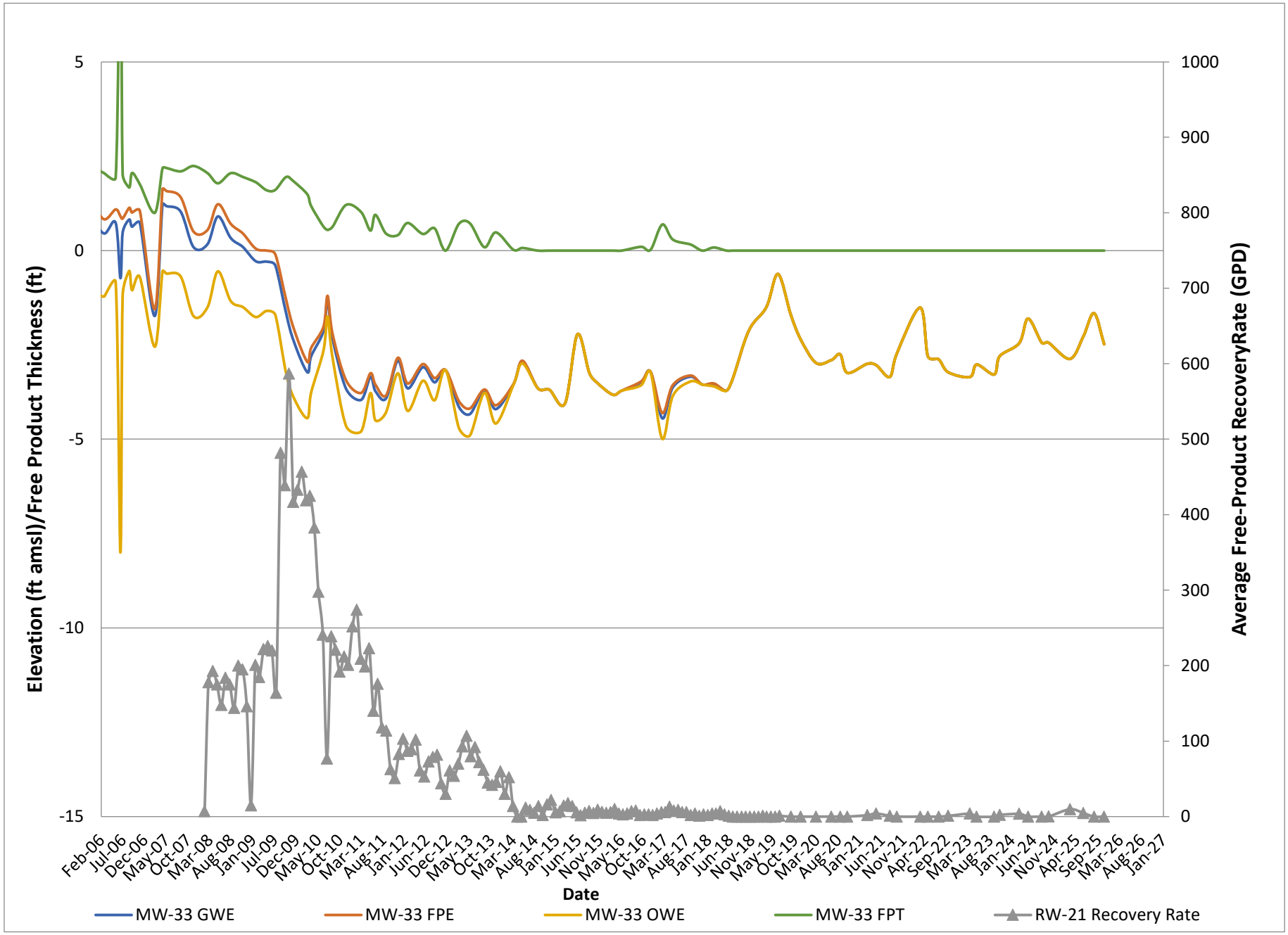
Recovery Well RW-20 Free-Product Recovery and Monitoring Well D-44 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



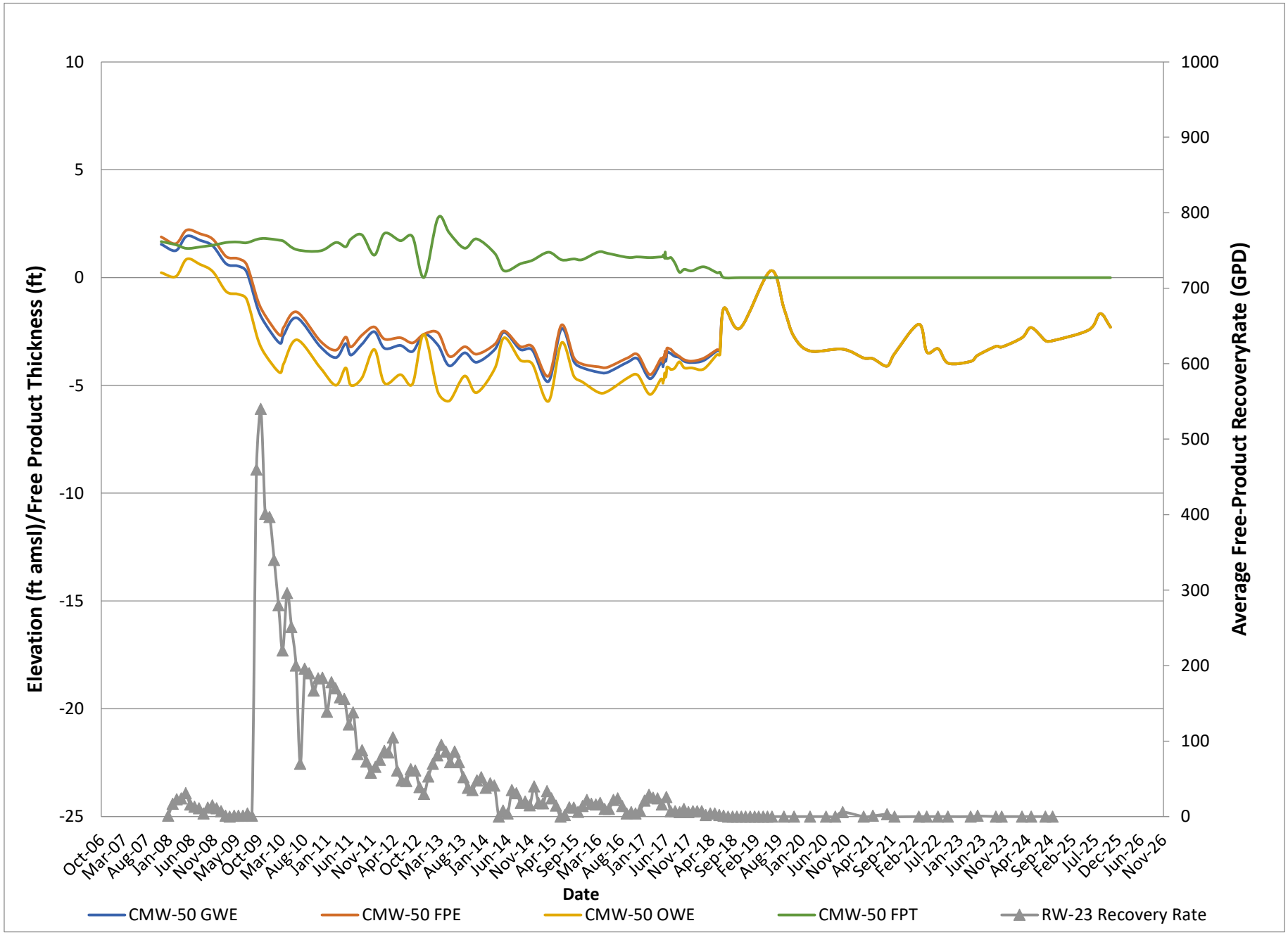
Recovery Well RW-21 and RW-22 Free-Product Recovery and Monitoring Well MW-9 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



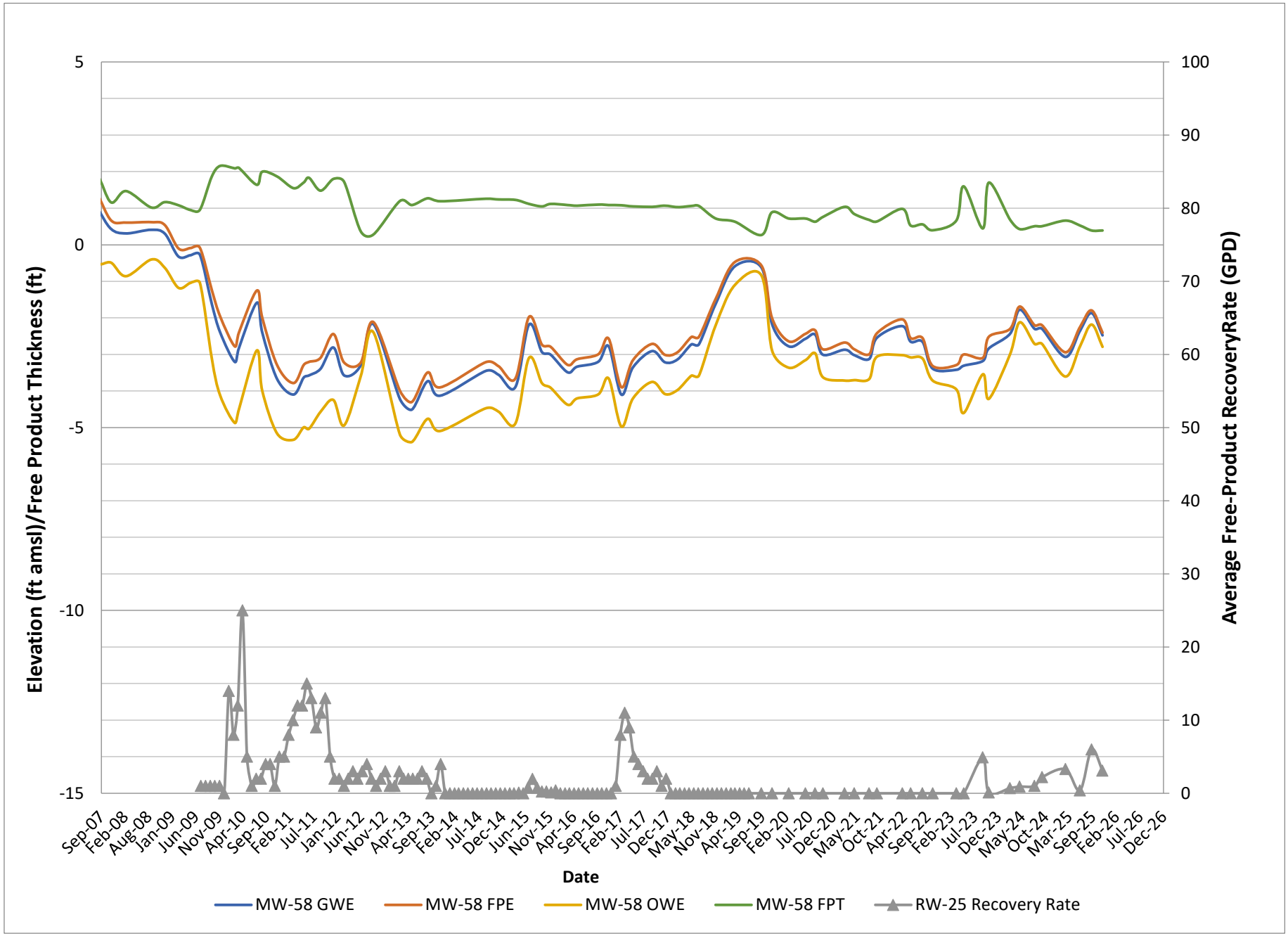
Recovery Well RW-21 Free-Product Recovery and Monitoring Well MW-33 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



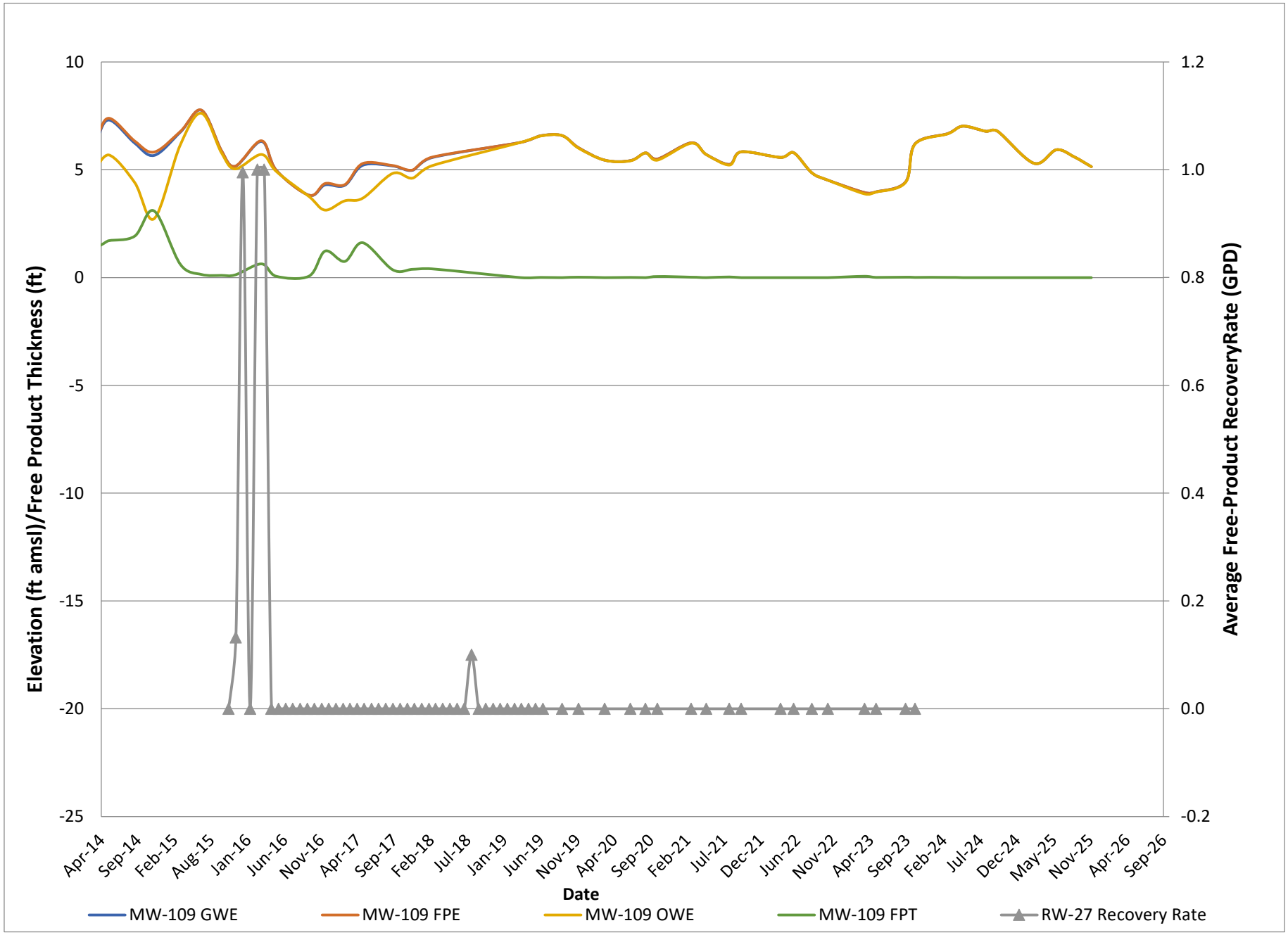
Recovery Well RW-23 Free-Product Recovery and Monitoring Well CMW-50 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



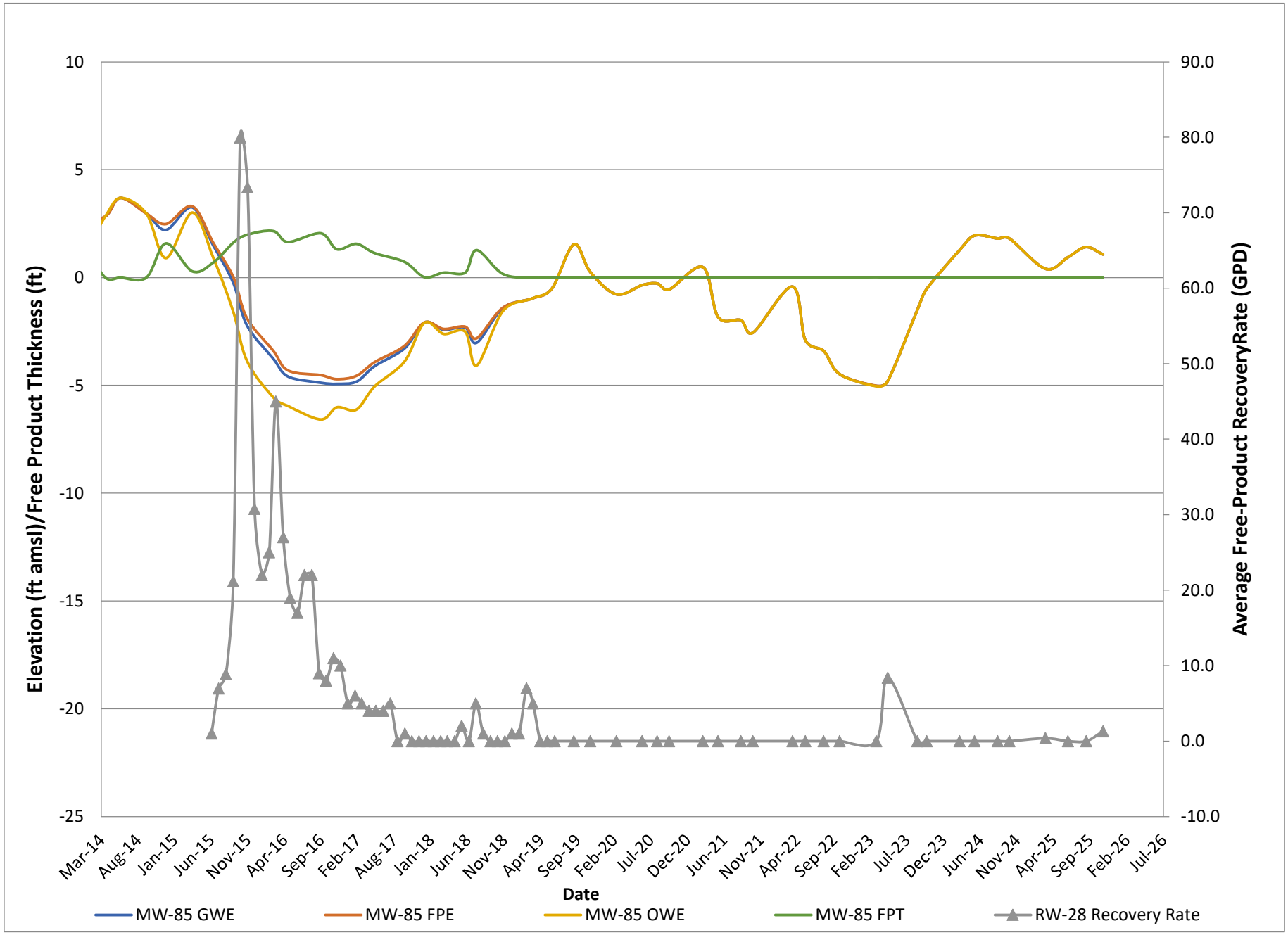
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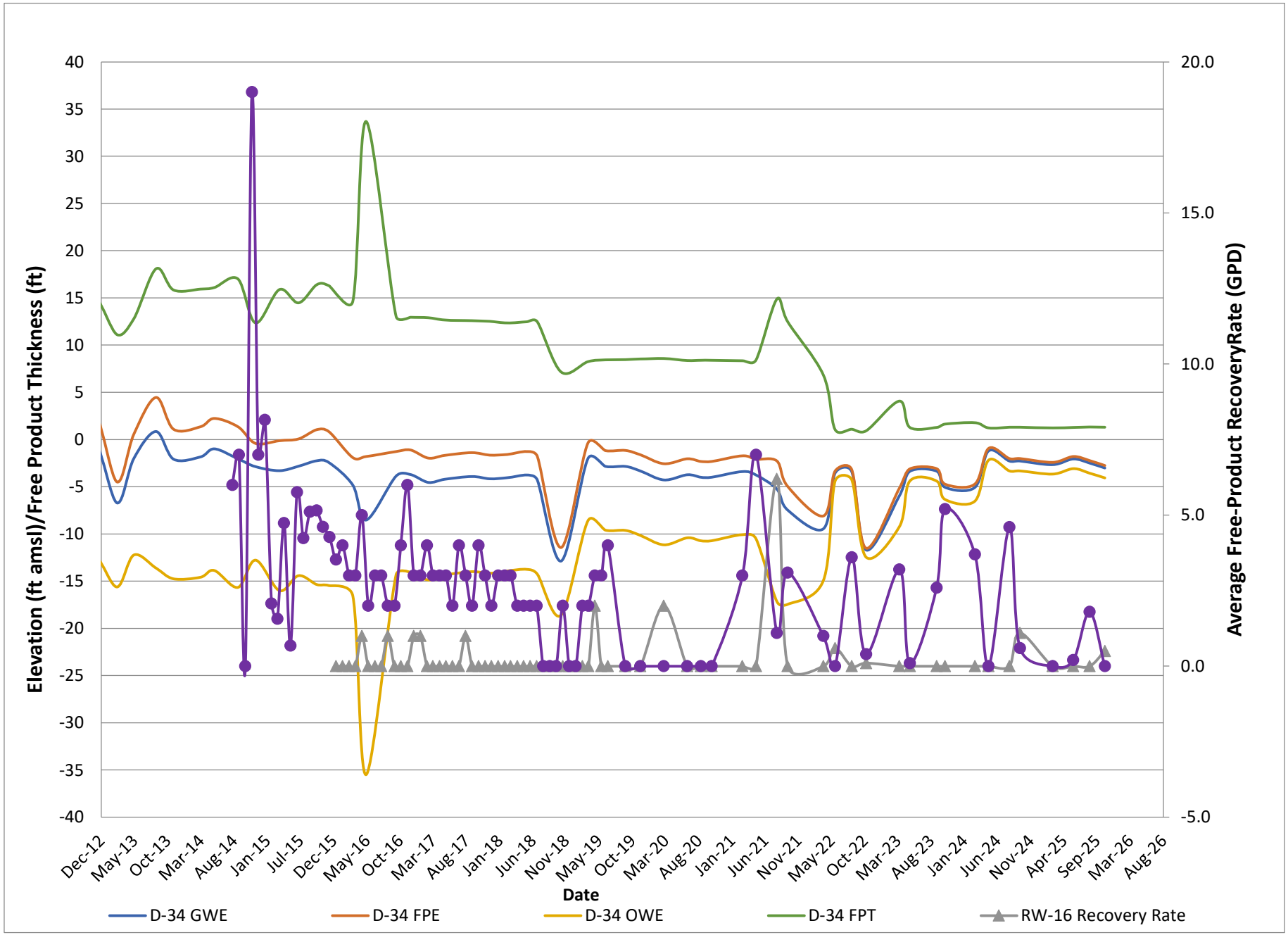
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ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



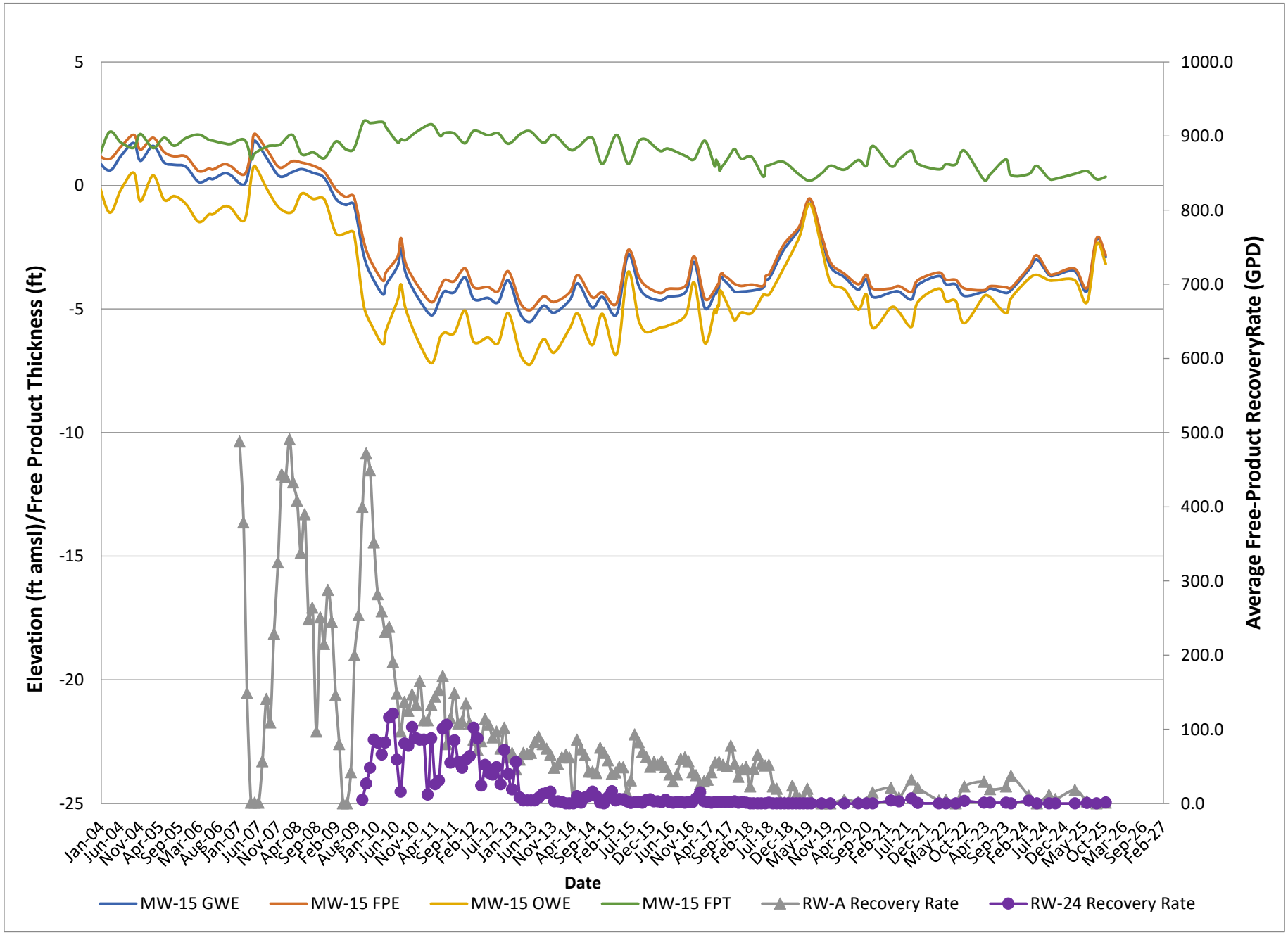
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ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



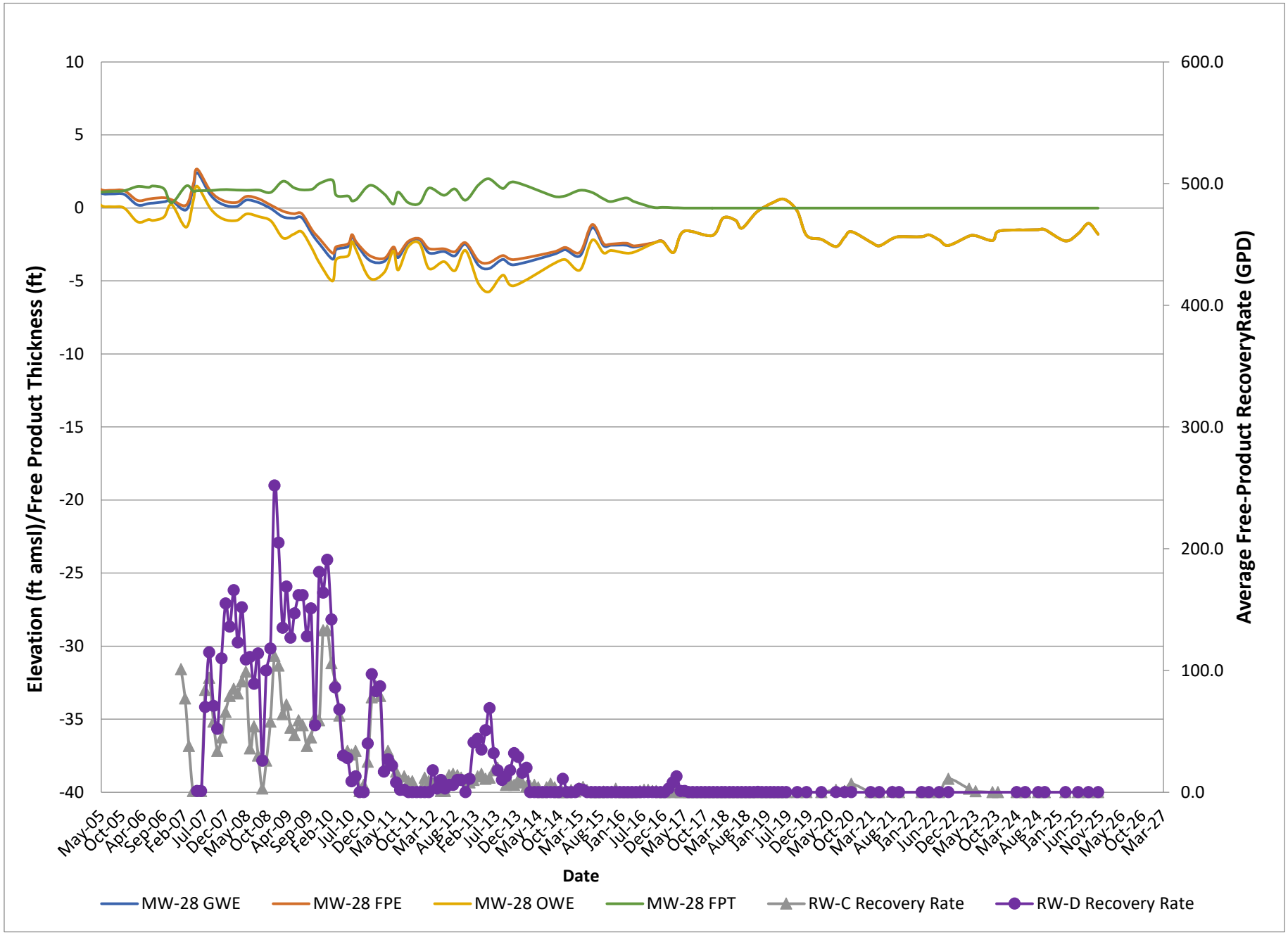
Recovery Well RW-16 and RW-29 Free-Product Recovery and Monitoring Well D-34 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



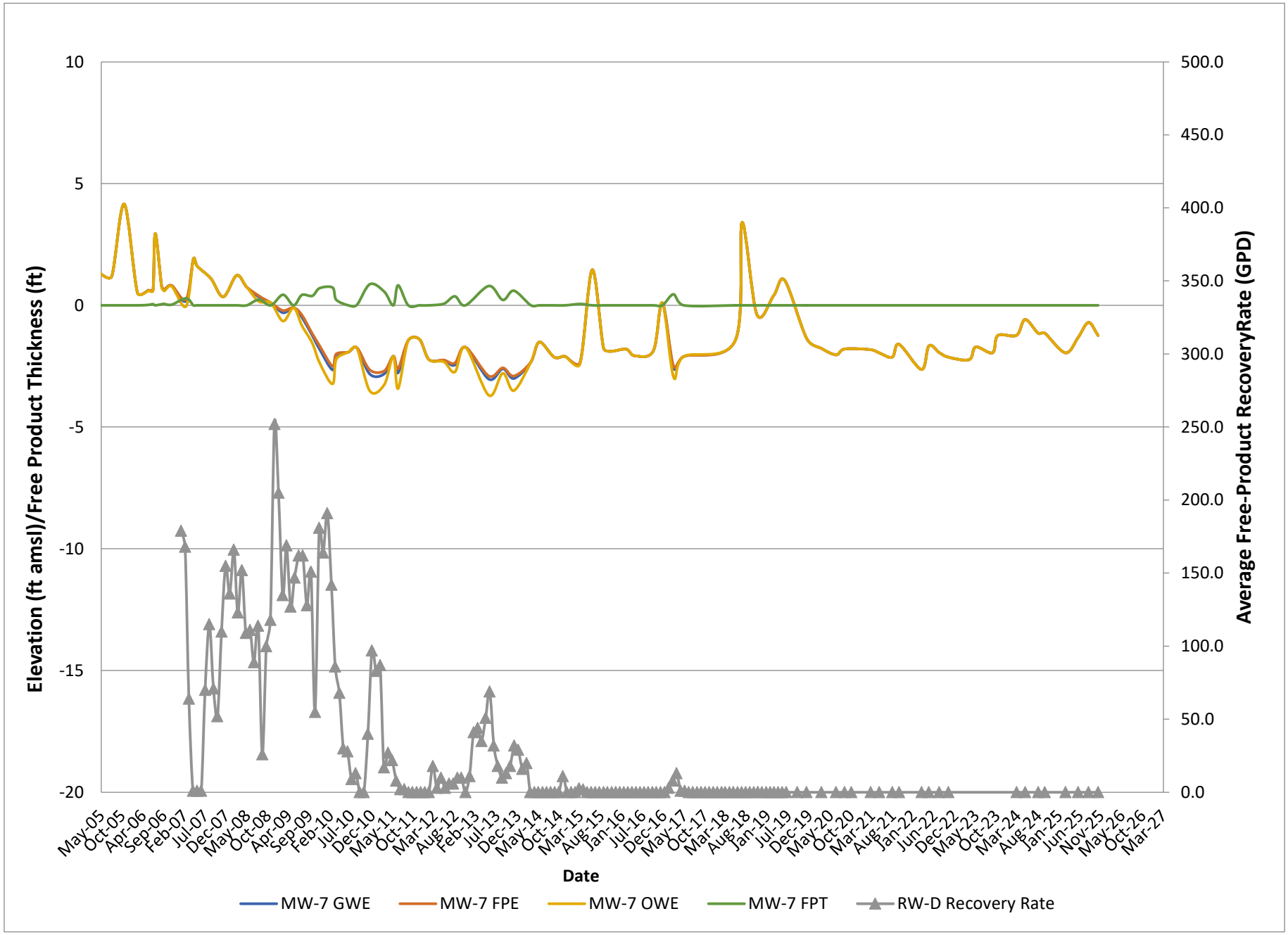
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ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



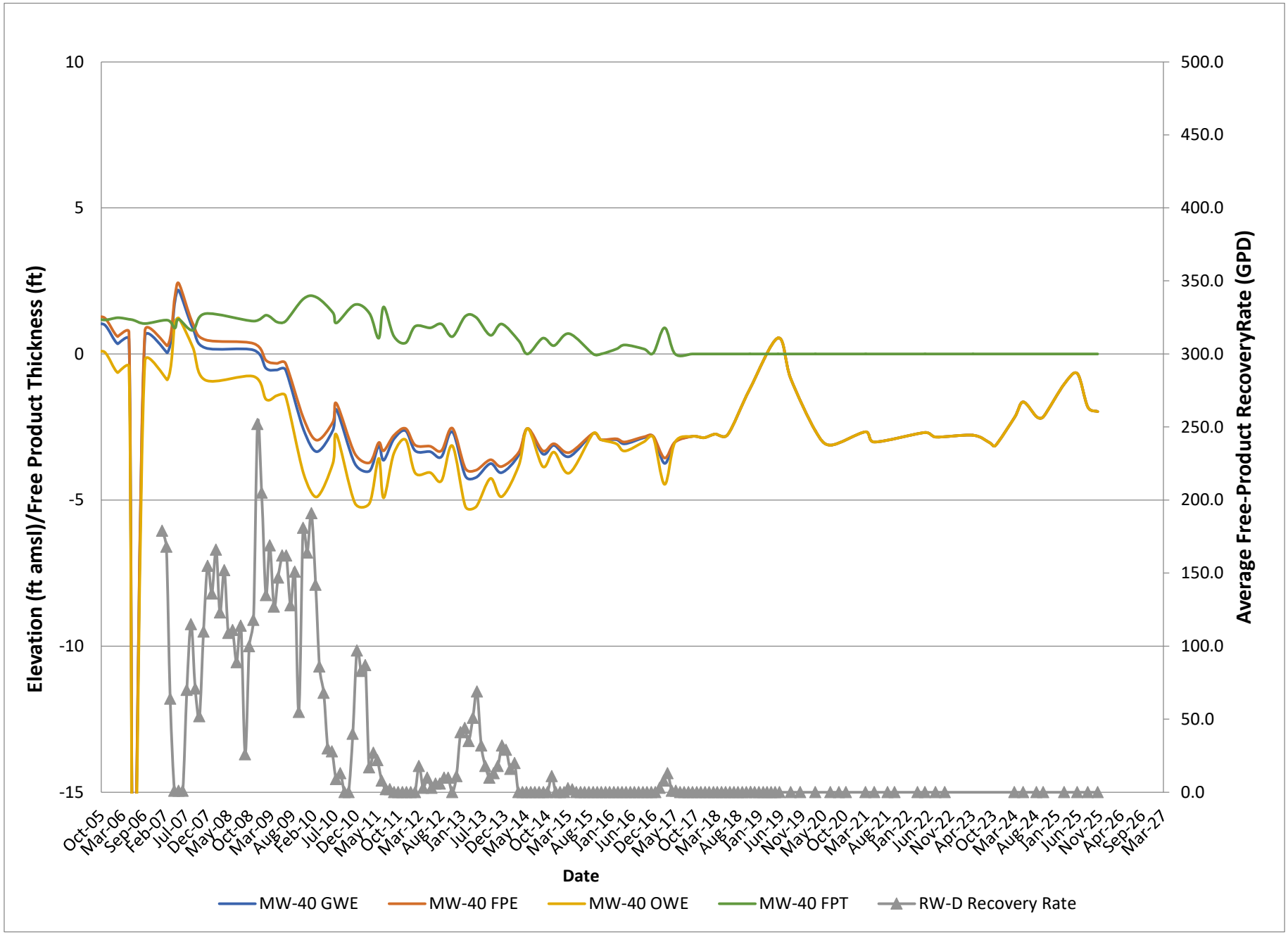
Recovery Well RW-C and RW-D Free-Product Recovery and Monitoring Well MW-28 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



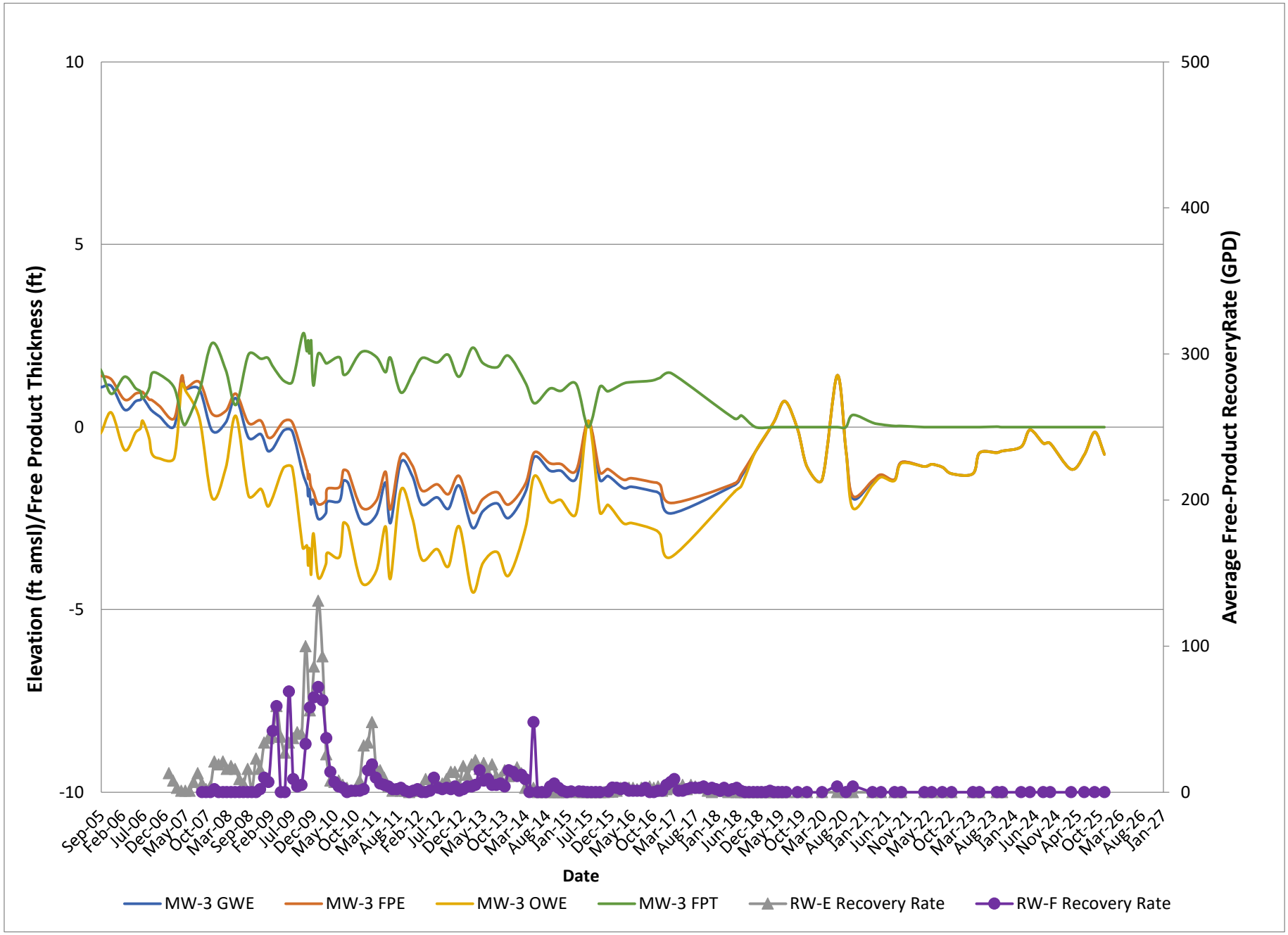
Recovery Well RW-D Free-Product Recovery and Monitoring Well MW-7 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



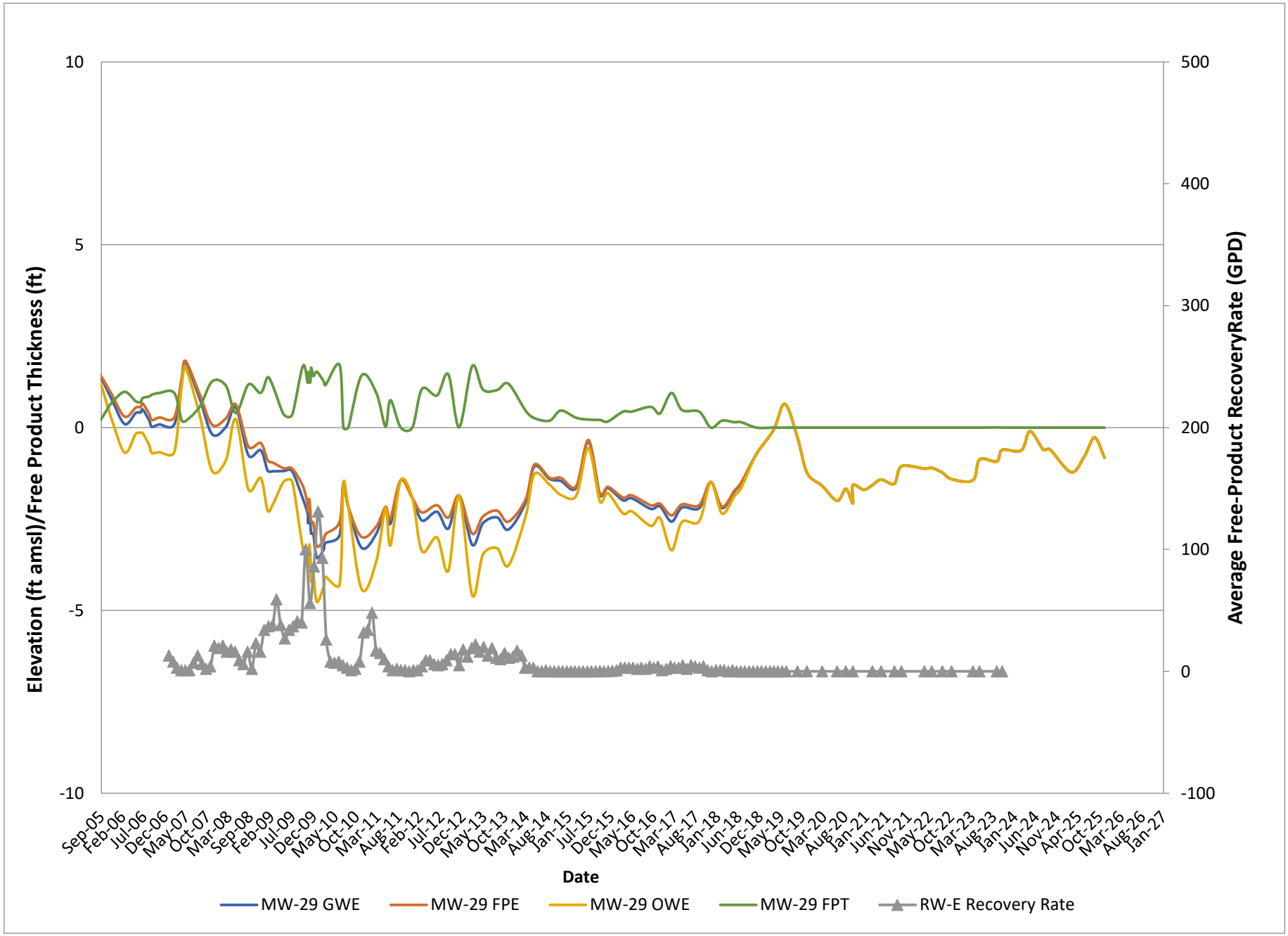
Recovery Well RW-D Free-Product Recovery and Monitoring Well MW-40 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



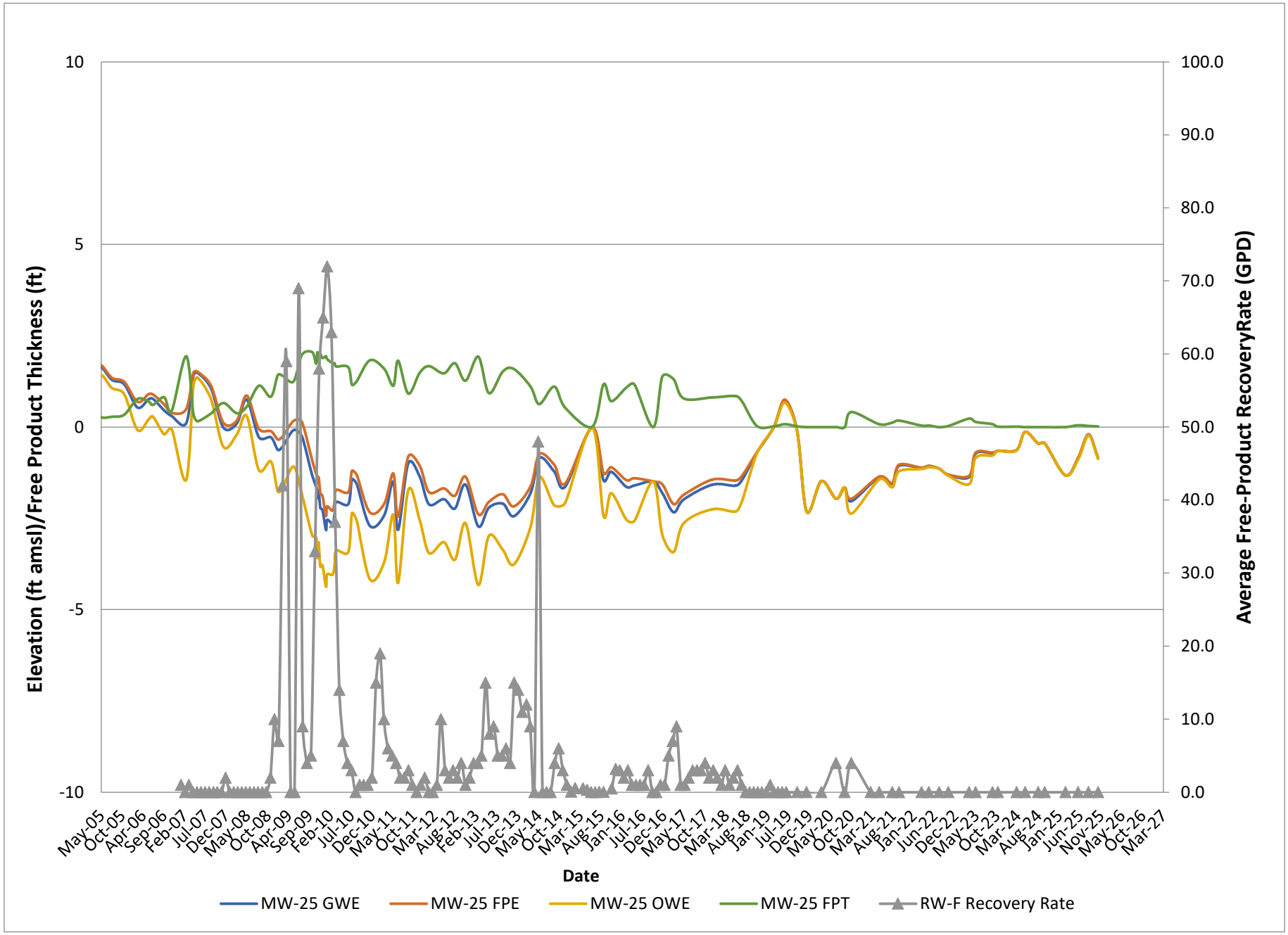
Recovery Well RW-E and RW-F Free-Product Recovery and Monitoring Well MW-3 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



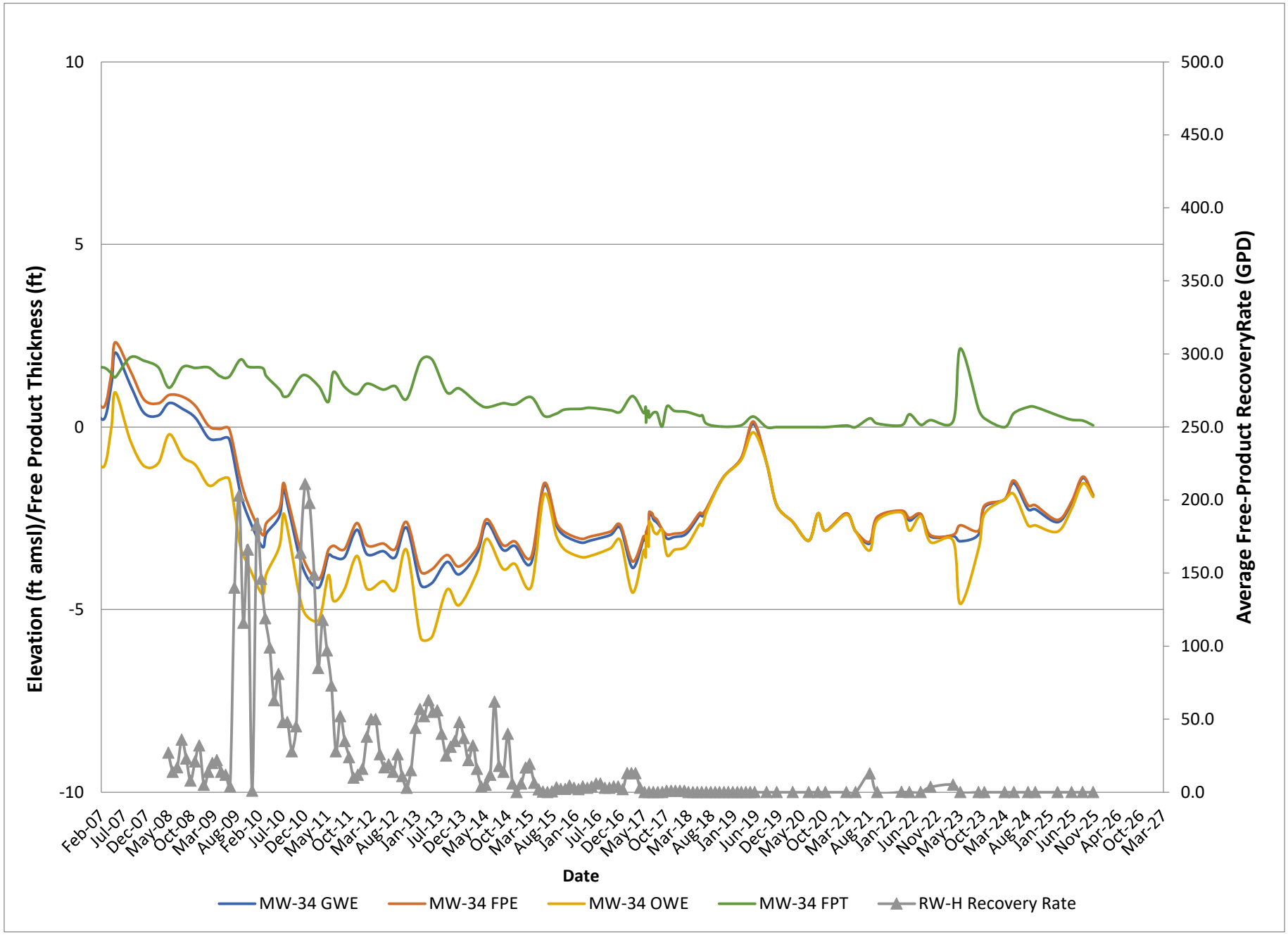
Recovery Well RW-E Free-Product Recovery and Monitoring Well MW-29 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



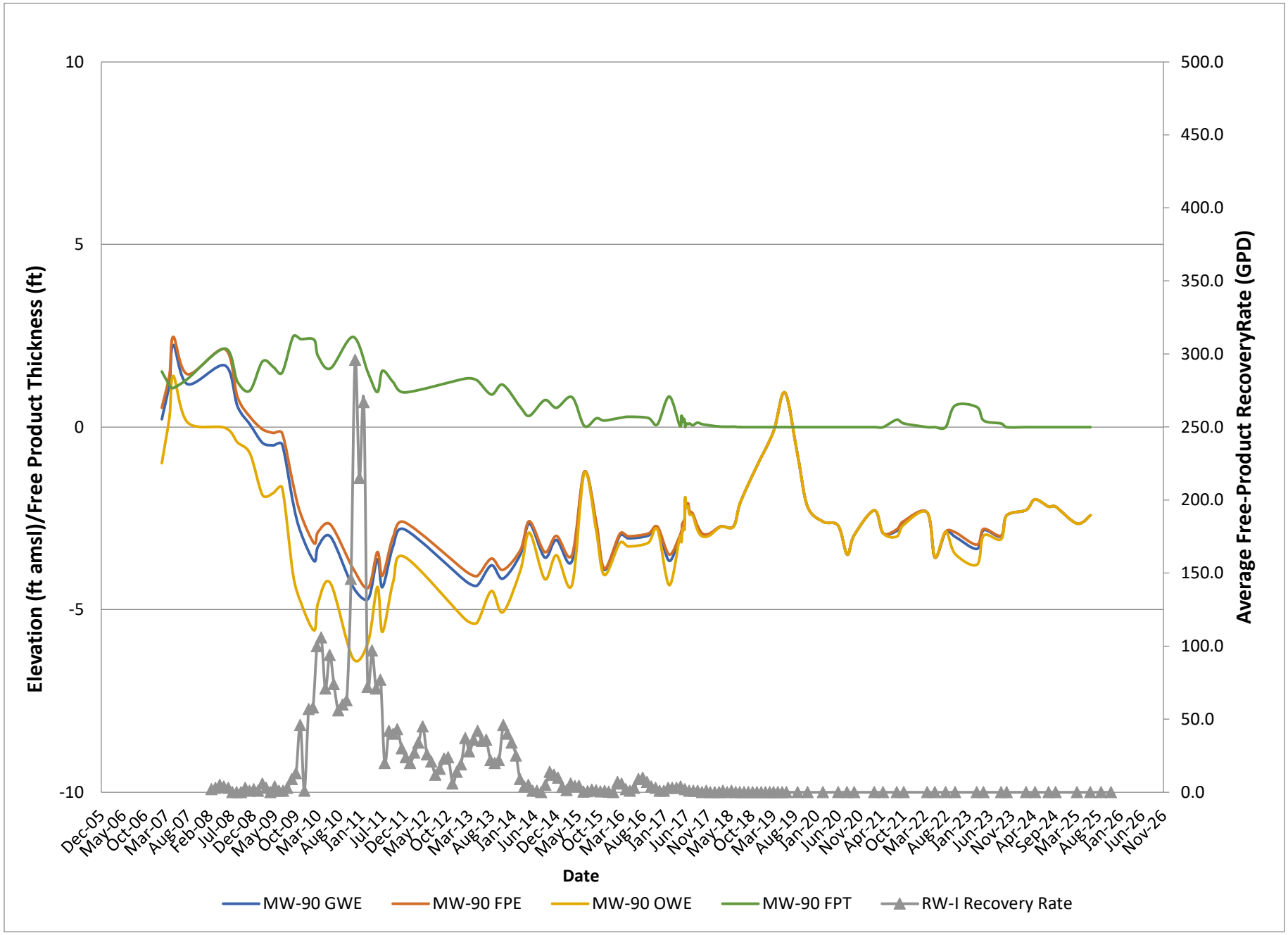
Recovery Well RW-F Free-Product Recovery and Monitoring Well MW-25 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



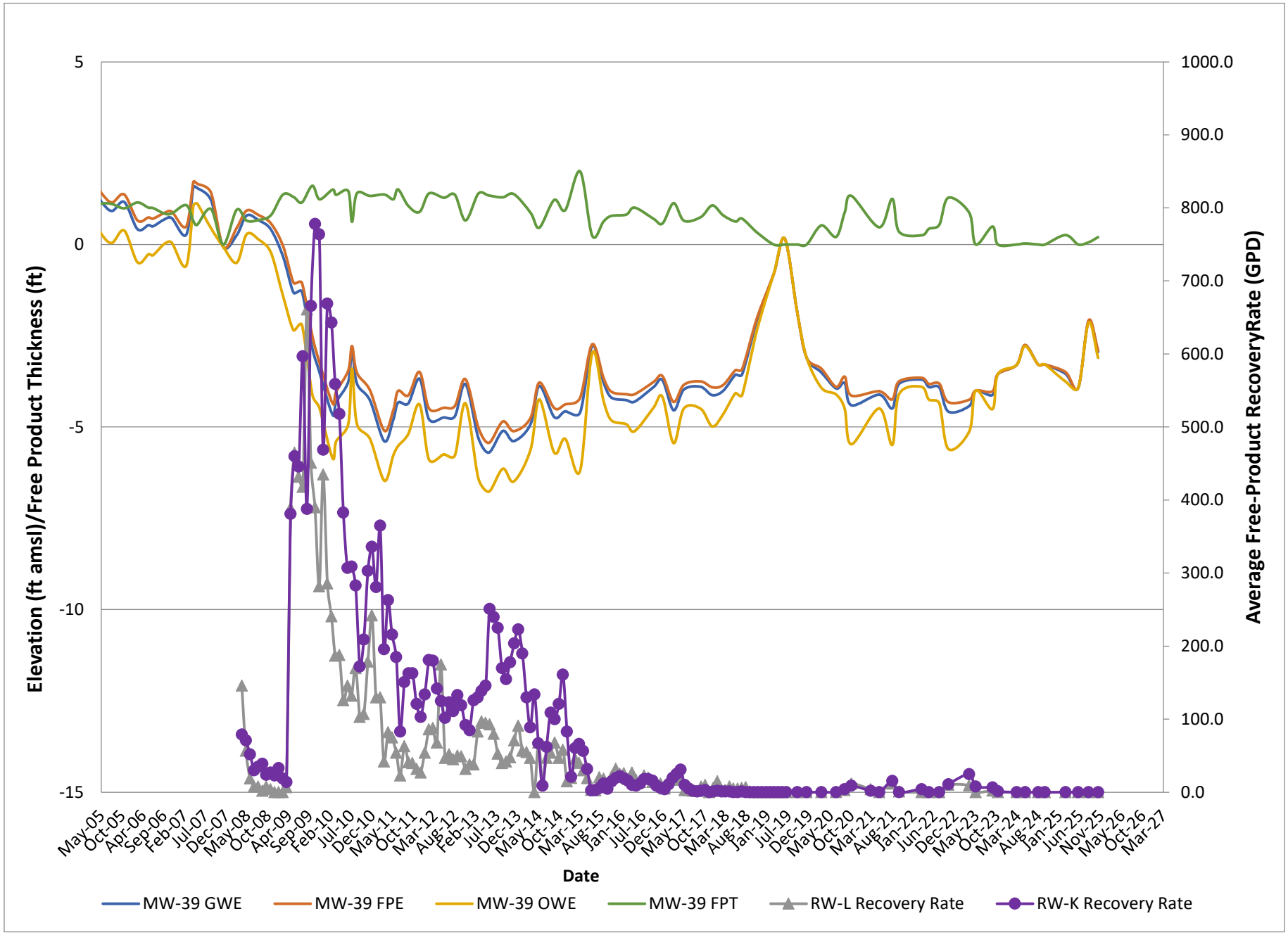
Recovery Well RW-H Free-Product Recovery and Monitoring Well MW-34 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



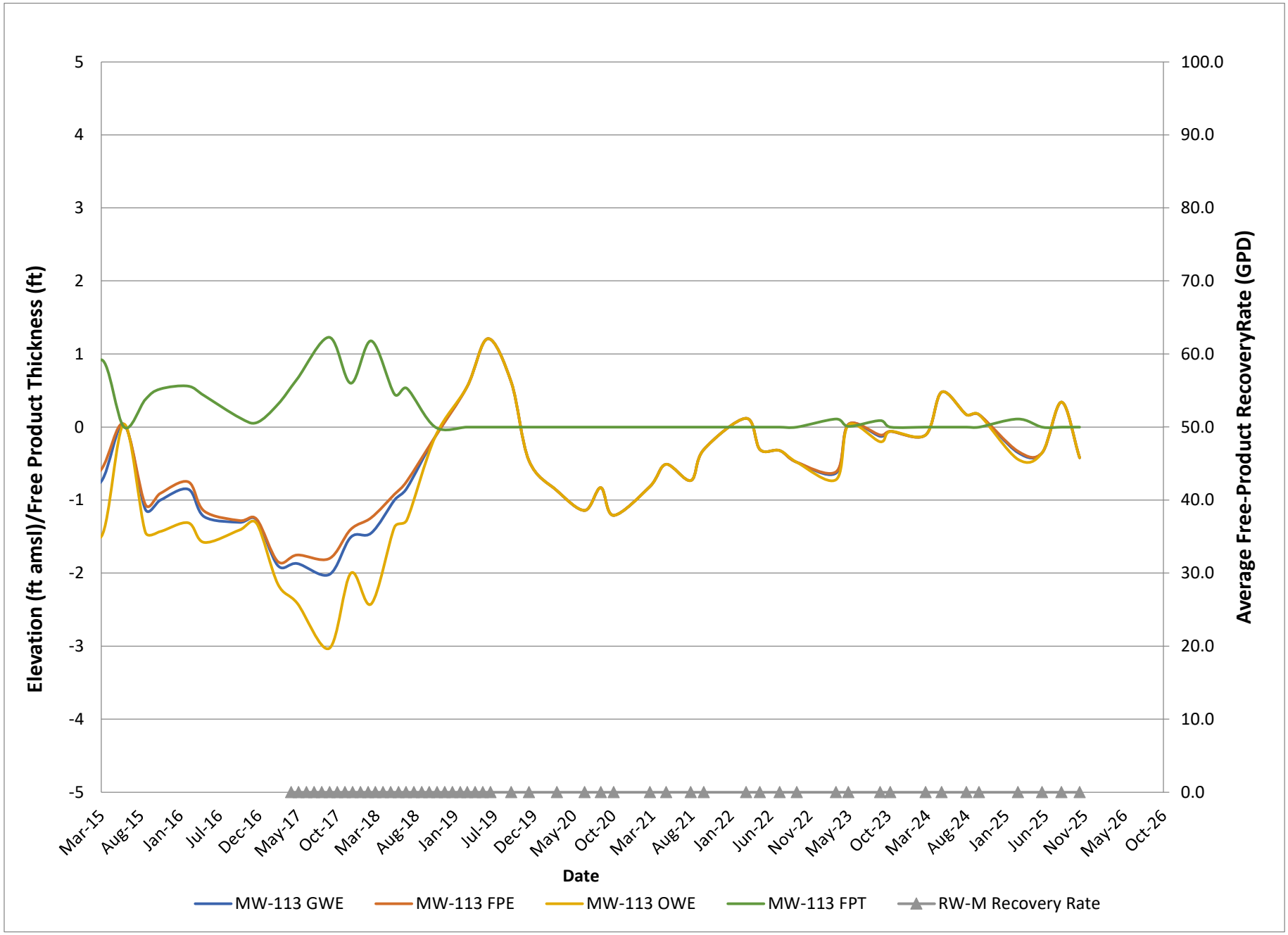
Recovery Well RW-I Free-Product Recovery and Monitoring Well MW-90 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



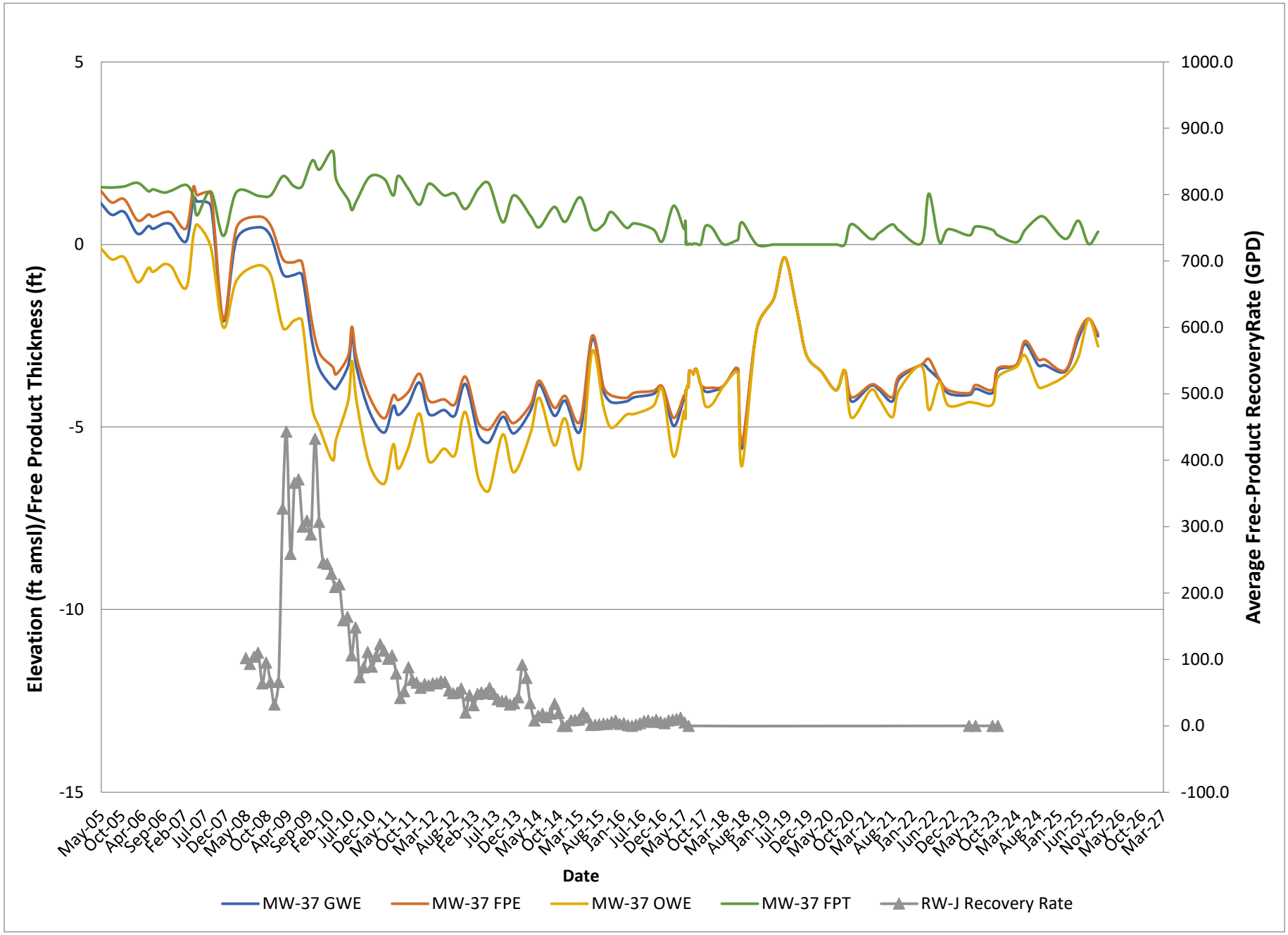
Recovery Well RW-K and RW-L Free-Product Recovery and Monitoring Well MW-39 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



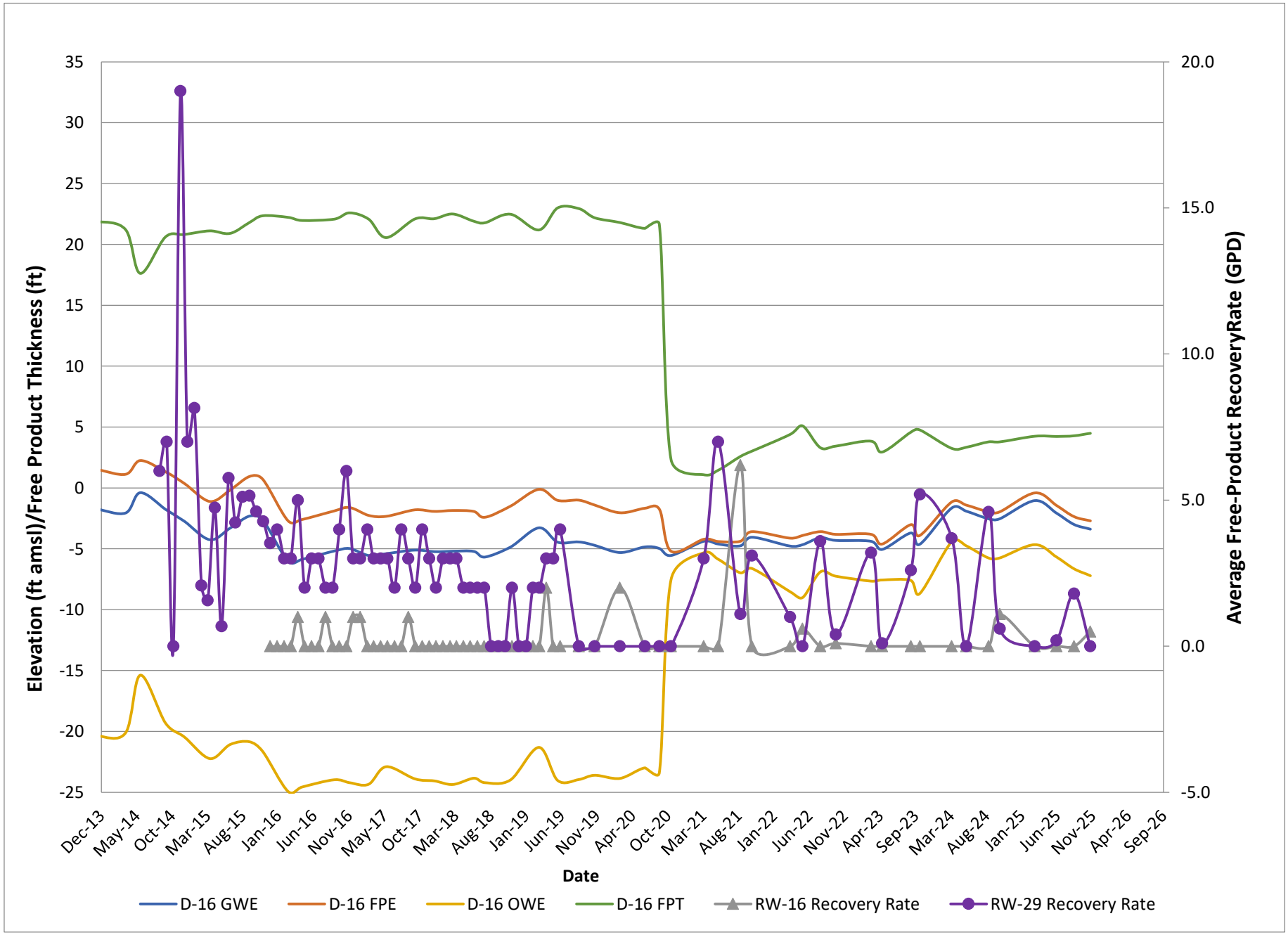
Recovery Well RW-M Free-Product Recovery and Monitoring Well MW-113 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



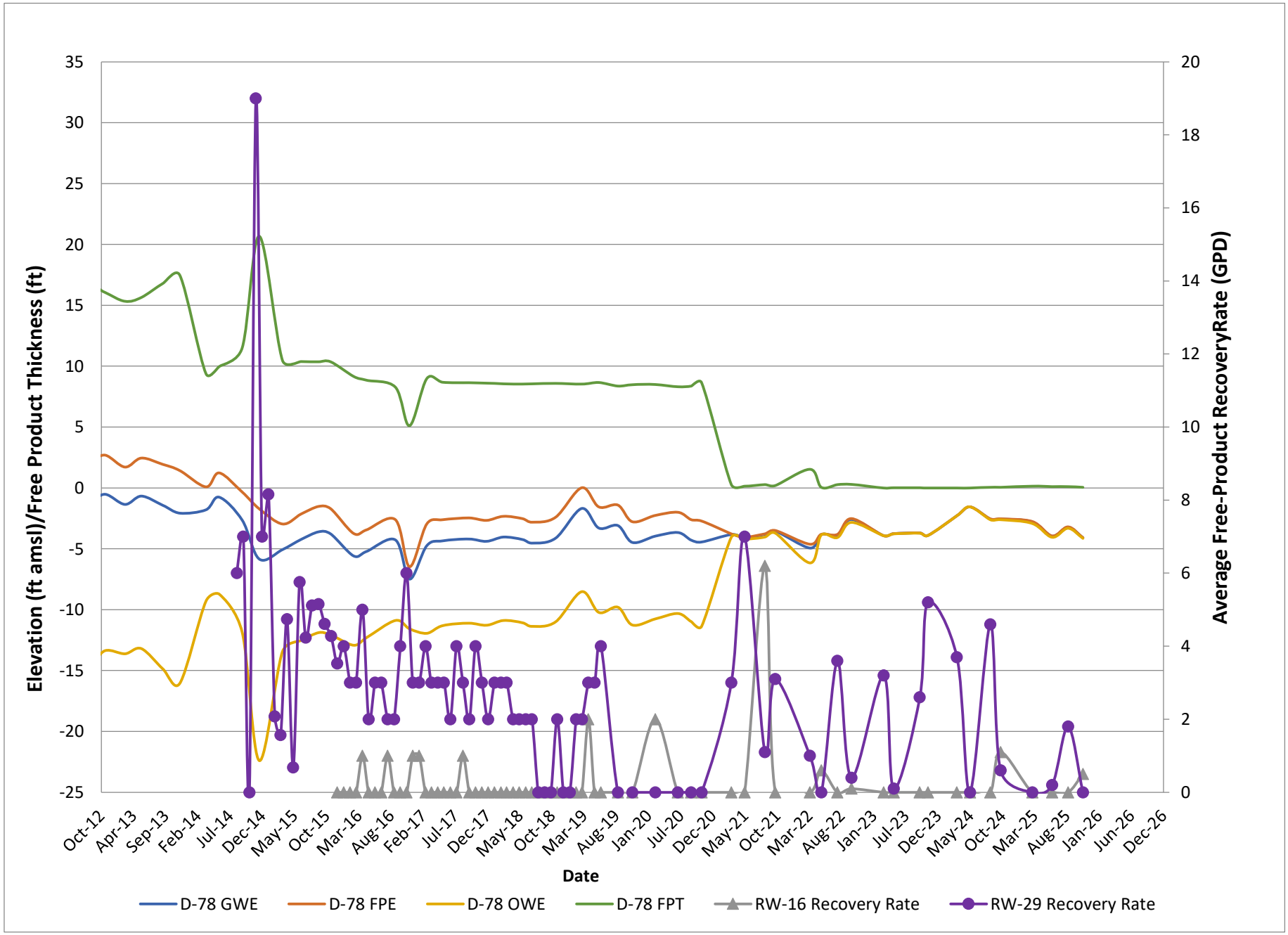
Recovery Well RW-J Free-Product Recovery and Monitoring Well MW-37 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



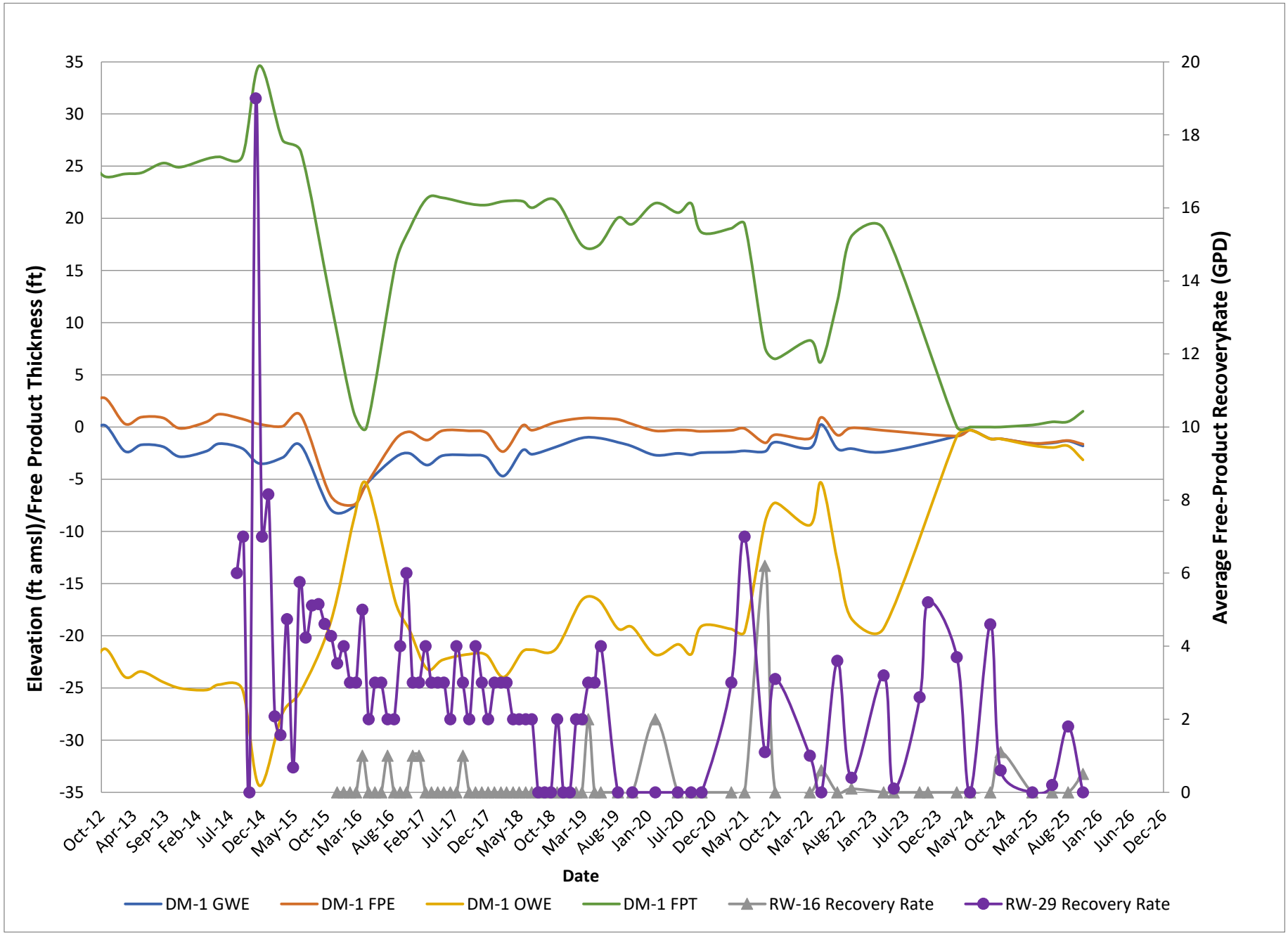
Recovery Well RW-16 and RW-29 Free-Product Recovery and Monitoring Well D-16 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



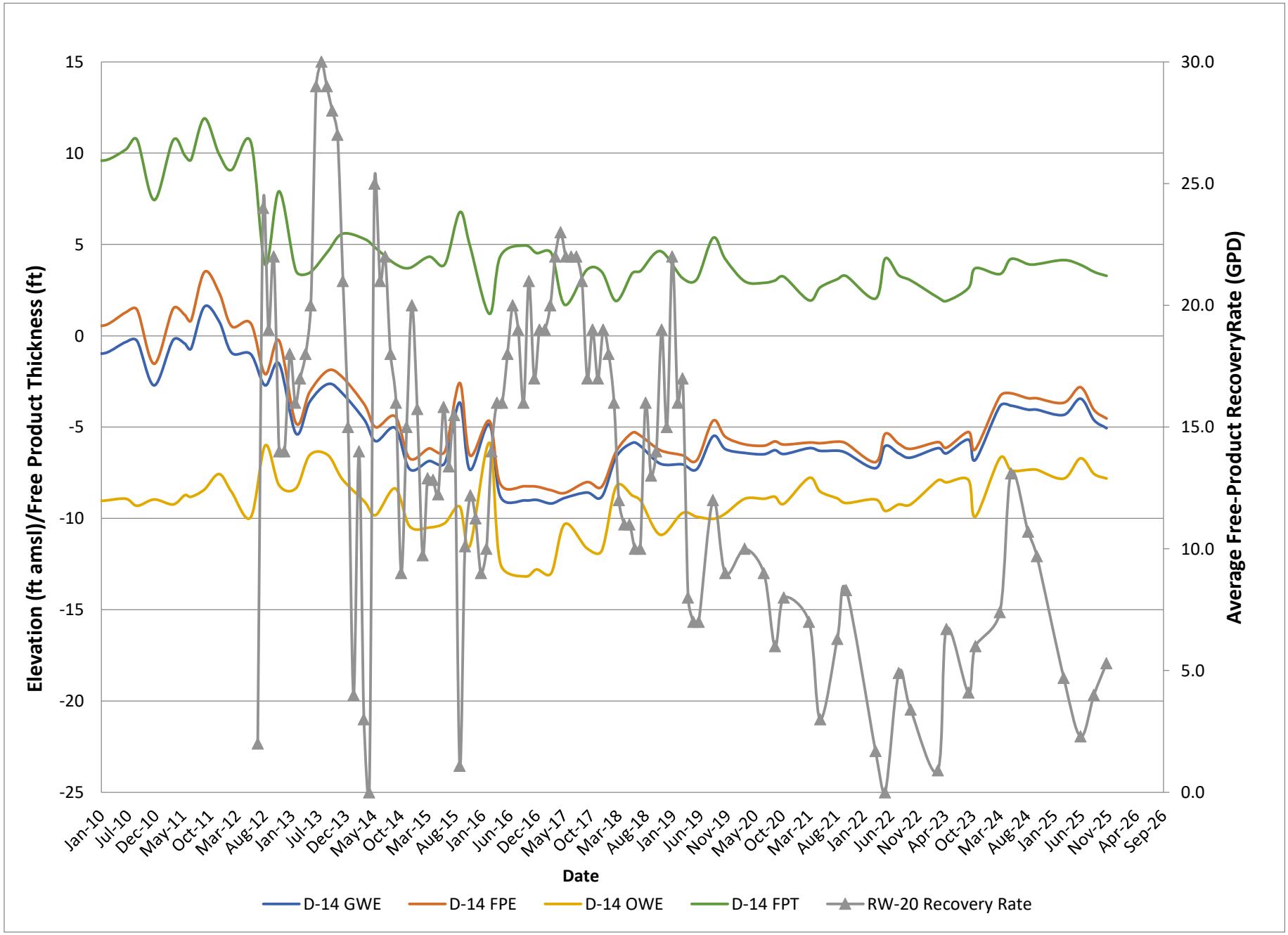
Recovery Well RW-16 and RW-29 Free-Product Recovery and Monitoring Well D-78 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



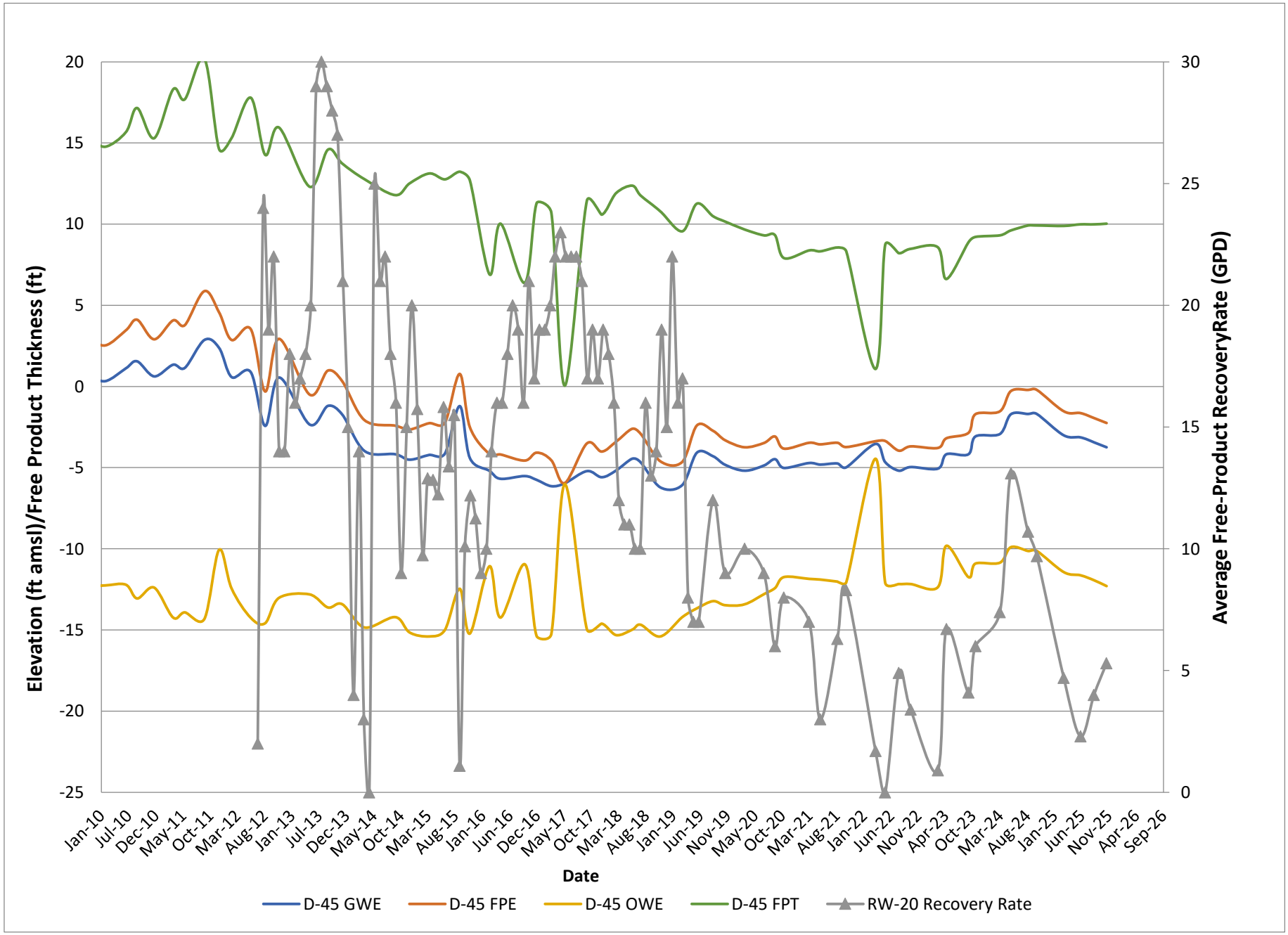
Recovery Well RW-16 and RW-29 Free-Product Recovery and Monitoring Well DM-1 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



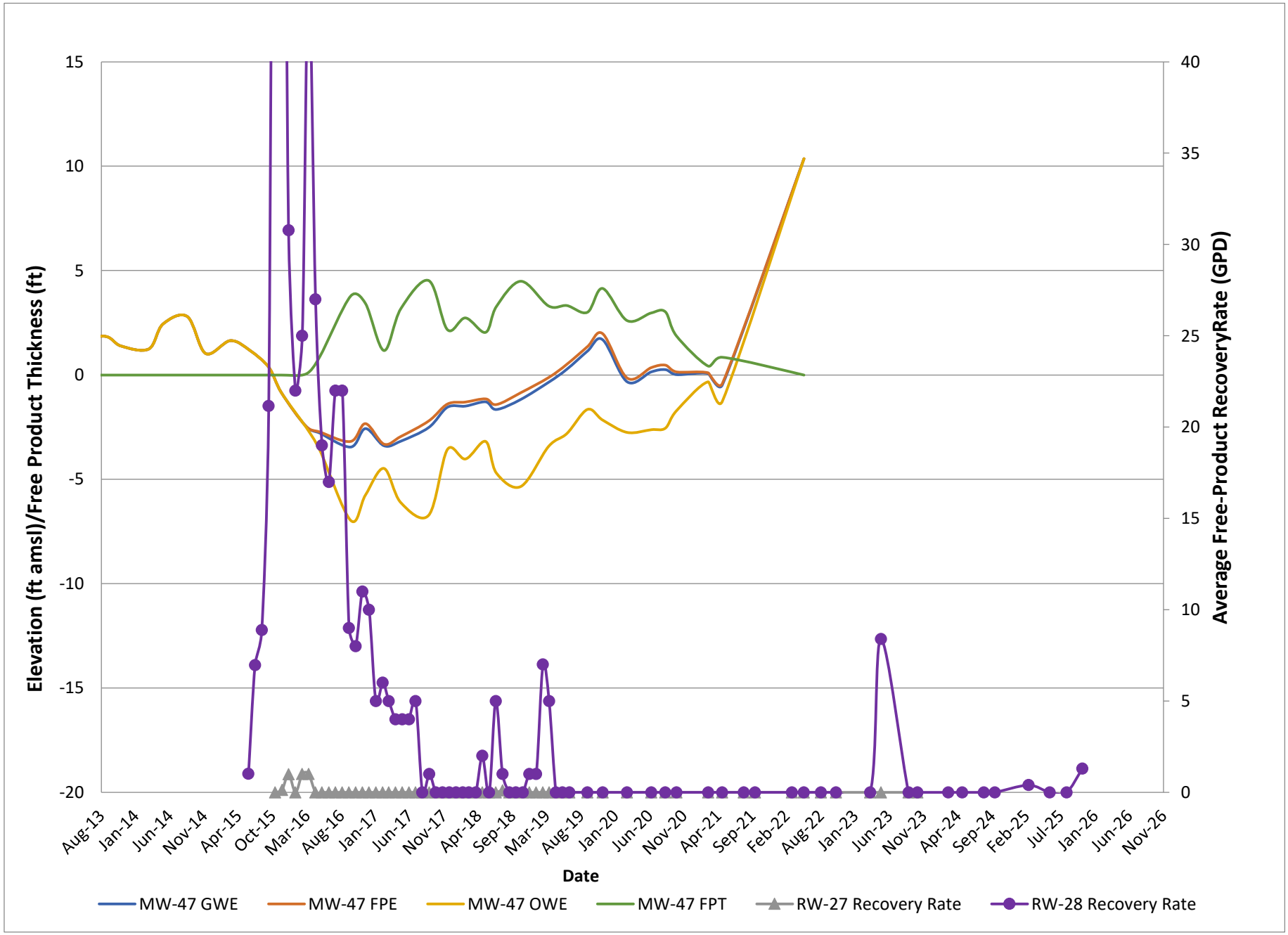
Recovery Well RW-20 Free-Product Recovery and Monitoring Well D-14 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



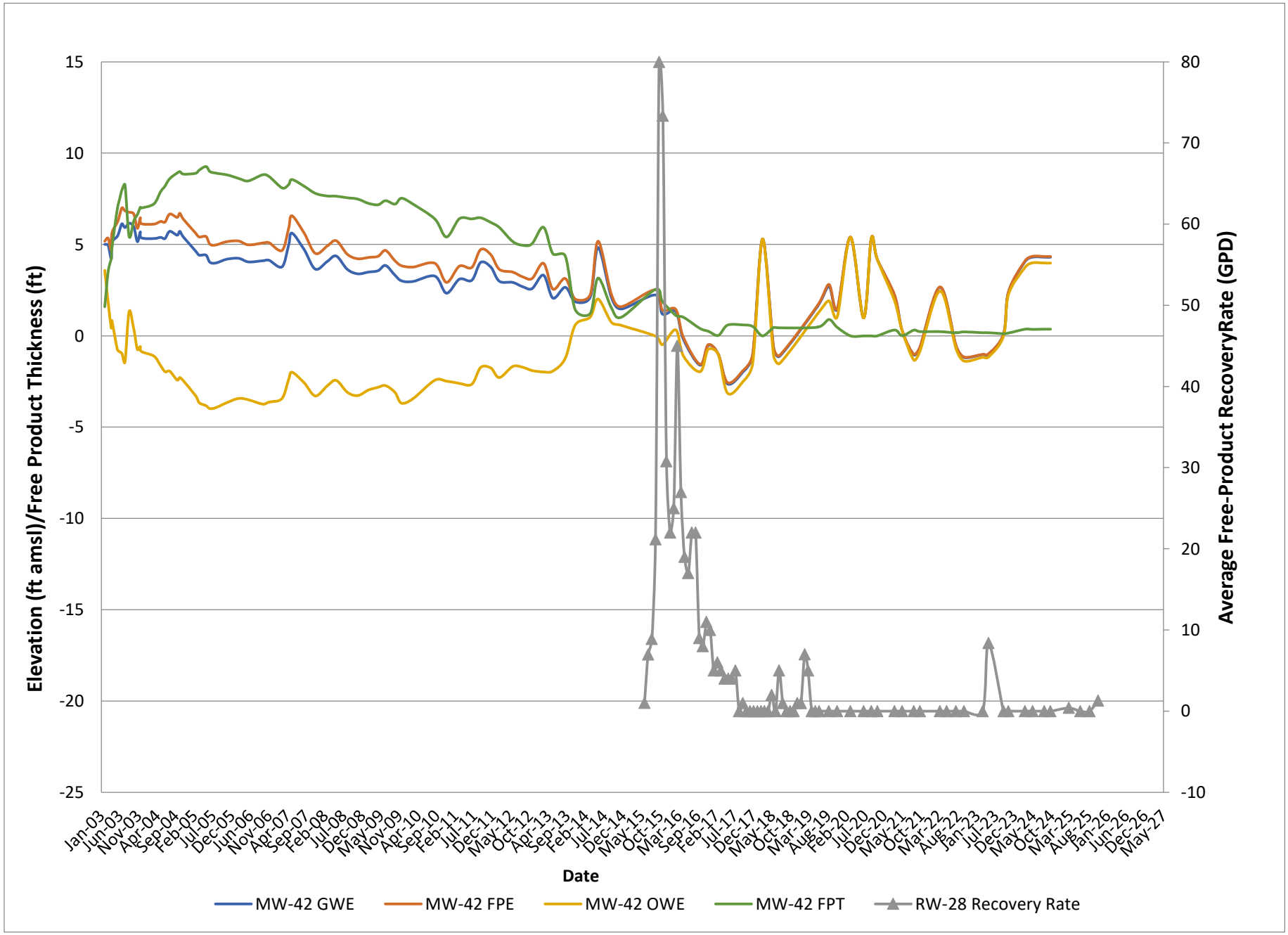
Recovery Well RW-20 Free-Product Recovery and Monitoring Well D-45 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



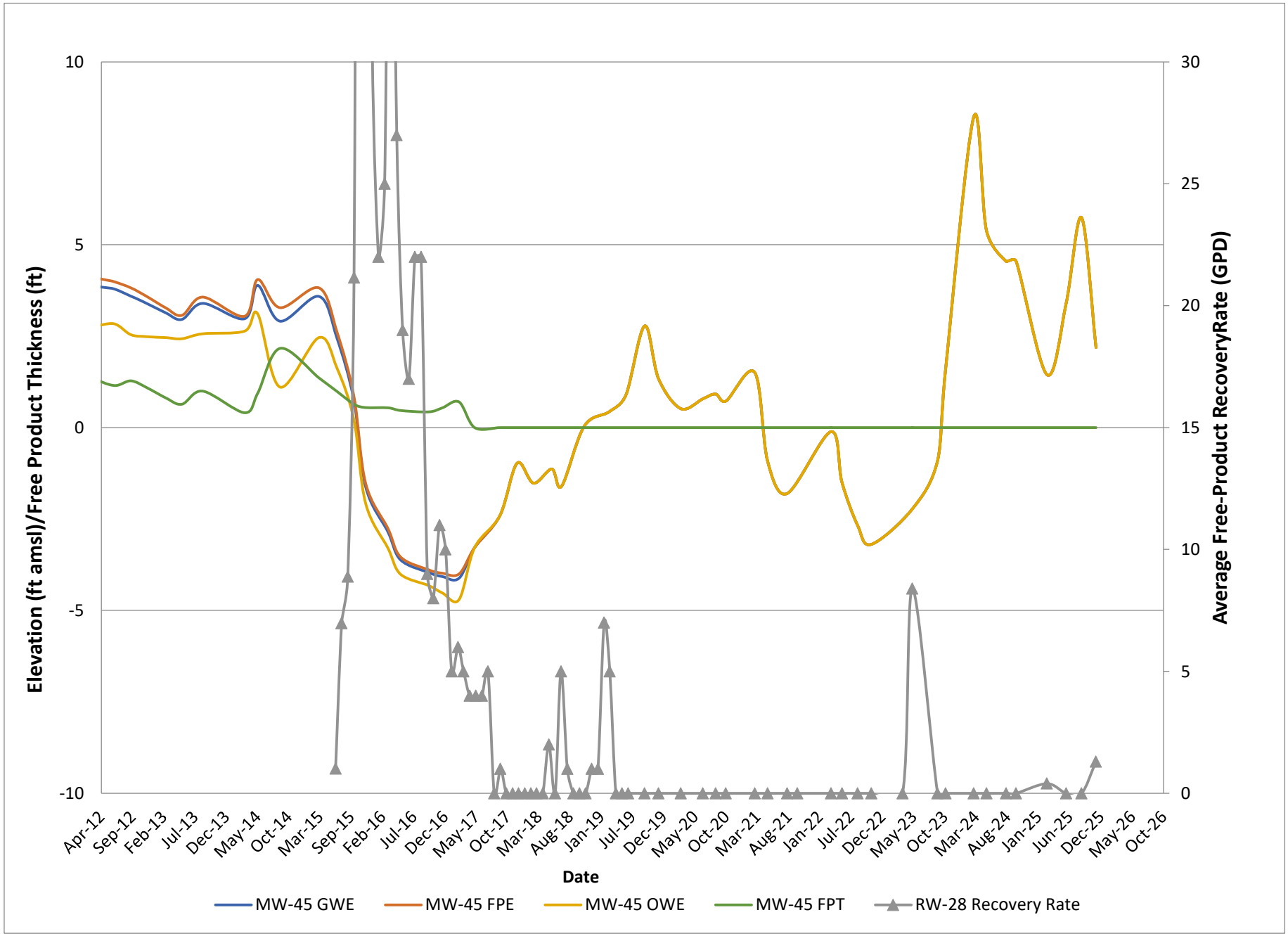
Recovery Well RW-27 and RW-28 Free-Product Recovery and Monitoring Well MW-47 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



Recovery Well RW-28 Free-Product Recovery and Monitoring Well MW-42 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



Recovery Well RW-28 Free-Product Recovery and Monitoring Well MW-45 Fluid Level Trends
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York



APPENDIX H

Recovery Well Product Recovery Trends Since System Startup

Recovery Well RW-14 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Monthly Free-Product Recovery Rate[1]	Average Monthly Free-Product Recovery Rate / Day of Operation	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	1,358,986	31	1,358,986	70	2	2	70	423,540	19,414	97%
February	1,293,720	32	2,652,706	167	6	6	237	423,707	7,747	100%
March	1,277,665	29	3,930,371	67	2	<1	304	423,774	19,070	97%
April	1,316,710	39	5,247,081	0	0	0	304	423,774	--	78%
May	1,142,884	29	6,389,965	12	<1	<1	316	423,786	95,240	84%
June	1,416,484	38	7,806,449	23	1	1	339	423,809	61,586	94%
July	1,642,028	37	9,448,477	188	6	6	527	423,997	8,734	100%
August	1,282,558	28	10,731,035	166	5	5	693	424,163	7,726	100%
September	1,457,941	36	12,188,976	120	4	4	813	424,283	12,150	96%
October	1,327,868	31	13,516,844	138	4	4	951	424,421	9,622	96%
November	1,416,816	31	14,933,660	74	2	2	1,025	424,495	19,146	98%
December	1,306,511	31	16,240,171	123	4	4	1,148	424,618	10,622	97%
Average	1,353,348	33		96	3	3			24,642	95%

Notes:

1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-16 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Monthly Free-Product Recovery Rate[1]	Average Monthly Free-Product Recovery Rate / Day of Operation	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	345,142	8	345,142	0	0	0	0	66,883	--	95%
February	320,278	8	665,420	33	1	1	33	66,916	9,705	100%
March	271,631	6	937,051	1	<1	<1	34	66,917	271,631	96%
April	257,176	8	1,194,227	0	0	0	34	66,917	--	78%
May	295,963	7	1,490,190	17	1	1	51	66,934	17,410	84%
June	298,916	8	1,789,106	0	0	0	51	66,934	--	93%
July	416,790	9	2,205,896	17	1	1	68	66,951	24,517	100%
August	365,913	8	2,571,809	5	<1	<1	73	66,956	73,183	100%
September	439,977	11	3,011,786	0	0	0	73	66,956	--	97%
October	398,595	9	3,410,381	15	<1	<1	88	66,971	26,573	96%
November	444,518	10	3,854,899	22	1	1	110	66,993	20,205	94%
December	300,183	8	4,155,082	0	0	0	110	66,993	--	84%
Average	346,257	8		9	<1	<1			63,318	93%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-17 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Monthly Free-Product Recovery Rate[1]	Average Monthly Free-Product Recovery Rate / Day of Operation	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	2,814,789	65	2,814,789	46	1	1	46	305,003	61,191	97%
February	2,684,560	67	5,499,349	44	2	2	90	305,047	61,013	100%
March	2,799,191	64	8,298,540	29	1	1	119	305,076	96,524	97%
April	2,871,959	85	11,170,499	117	4	5	236	305,193	24,547	78%
May	2,615,330	66	13,785,829	218	7	8	454	305,411	11,997	84%
June	2,163,379	81	15,949,208	79	3	5	533	305,490	27,303	66%
July	3,387,479	76	19,336,687	122	4	4	655	305,612	27,766	100%
August	2,706,988	59	22,043,675	69	2	2	724	305,681	39,232	100%
September	3,183,123	84	25,226,798	35	1	1	759	305,716	90,946	90%
October	2,478,969	63	27,705,767	2	<1	<1	761	305,718	1,239,485	88%
November	2,903,715	64	30,609,482	1	<1	<1	762	305,719	2,903,715	98%
December	3,213,996	77	33,823,478	1	<1	<1	763	305,720	3,213,996	97%
Average	2,818,623	70		64	3	3			649,809	91%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-18 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction (gallons)	Average Monthly Operational Groundwater Flow Rate (gallons / minute)	Cumulative Groundwater Extraction Year-to-Date (gallons)	Monthly Free-Product Recovery (gallons)	Monthly Free-Product Recovery Rate[1] (gallon / day)	Average Monthly Free-Product Recovery Rate / Day of Operation (gallon / day of operation)	Cumulative Free-Product Recovery Year-to-Date (gallons)	Cumulative Free-Product Recovery Since System Well Startup (gallons)	Monthly Water-to-Product Ratio (gallons-GW / gallons-FP)	Monthly Operational Run-time[2] (percent)
January	431,204	10	431,204	45	1	1	45	278,610	9,582	97%
February	369,454	9	800,658	9	0	0	54	278,619	41,050	100%
March	356,643	8	1,157,301	28	1	1	82	278,647	12,737	97%
April	326,167	11	1,483,468	47	2	3	129	278,694	6,940	67%
May	337,820	8	1,821,288	76	2	2	205	278,770	4,445	84%
June	346,358	9	2,167,646	34	1	1	239	278,804	10,187	94%
July	492,323	11	2,659,969	0	0	0	239	278,804	--	98%
August	346,831	8	3,006,800	0	0	0	239	278,804	--	100%
September	400,328	10	3,407,128	0	0	0	239	278,804	--	96%
October	358,719	8	3,765,847	0	0	0	239	278,804	--	95%
November	381,802	8	4,147,649	0	0	0	239	278,804	--	98%
December	384,662	9	4,532,311	0	0	0	239	278,804	--	97%
Average	377,693	9		20	1	1			14,157	94%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-20 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Monthly Free-Product Recovery Rate[1]	Average Monthly Free-Product Recovery Rate / Day of Operation	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	148,278	3	148,278	154	5	5	154	53,374	963	96%
February	134,629	3	282,907	91	3	3	245	53,465	1,479	100%
March	134,491	3	417,398	98	3	3	343	53,563	1,372	96%
April	141,219	4	558,617	93	3	4	436	53,656	1,518	78%
May	132,364	3	690,981	67	2	2	503	53,723	1,976	84%
June	135,933	4	826,914	72	3	3	575	53,795	1,888	94%
July	174,827	4	1,001,741	100	3	3	675	53,895	1,748	97%
August	134,420	3	1,136,161	82	3	3	757	53,977	1,639	97%
September	163,195	4	1,299,356	102	4	4	859	54,079	1,600	97%
October	145,014	3	1,444,370	83	3	3	942	54,162	1,747	96%
November	165,812	4	1,610,182	92	3	3	1,034	54,254	1,802	98%
December	141,489	3	1,751,671	84	3	3	1,118	54,338	1,684	98%
Average	145,973	4		93	3	3			1,618	94%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-28 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Monthly Free-Product Recovery Rate[1]	Average Monthly Free-Product Recovery Rate / Day of Operation	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	663,660	15	663,660	0	0	0	0	20,013	--	97%
February	664,557	17	1,328,217	0	0	0	0	20,013	--	100%
March	684,750	16	2,012,967	0	0	0	0	20,013	--	97%
April	674,469	20	2,687,436	0	0	0	0	20,013	--	78%
May	415,398	12	3,102,834	6	<1	<1	6	20,019	69,233	74%
June	423,377	16	3,526,211	0	0	0	6	20,019	--	65%
July	417,127	14	3,943,338	0	0	0	6	20,019	--	67%
August	512,463	11	4,455,801	1	<1	<1	7	20,020	512,463	100%
September	606,009	16	5,061,810	1	<1	<1	8	20,021	606,009	91%
October	512,652	13	5,574,462	0	0	0	8	20,021	--	88%
November	433,989	12	6,008,451	3	<1	<1	11	20,024	144,663	78%
December	417,609	10	6,426,060	1	<1	<1	12	20,025	417,609	98%
Average	535,505	14		1	<1	<1			349,995	86%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-29 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Monthly Free-Product Recovery Rate[1]	Average Monthly Free-Product Recovery Rate / Day of Operation	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	135,633	3	135,633	63	2	2	63	11,903	2,153	97%
February	116,306	3	251,939	46	2	2	109	11,949	2,528	100%
March	85,846	2	337,785	52	2	2	161	12,001	1,651	97%
April	92,586	3	430,371	43	1	1	204	12,044	2,153	78%
May	83,581	2	513,952	76	2	2	280	12,120	1,100	84%
June	94,657	3	608,609	34	1	1	314	12,154	2,784	71%
July	102,536	3	711,145	47	2	3	361	12,201	2,182	67%
August	130,982	3	842,127	43	1	1	404	12,244	3,046	100%
September	193,129	5	1,035,256	75	3	3	479	12,319	2,575	96%
October	187,888	4	1,223,144	82	3	3	561	12,401	2,291	96%
November	178,616	4	1,401,760	81	3	3	642	12,482	2,205	93%
December	--	--	1,401,760	--	--	--	642	12,482	--	0%
Average	127,433	3		58	2	2			2,243	82%

Notes:

1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.
3. Recovery well RW-29 relocation in progress.

Recovery Well RW-A 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Average Monthly Free-Product Recovery Rate[1]	Average Monthly Operational Free-Product Recovery Rate	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	1,181,312	27	1,181,312	143	5	5	143	2,294,585	8,261	99%
February	1,051,625	29	2,232,937	226	8	9	369	2,294,811	4,653	91%
March	1,077,690	27	3,310,627	280	9	10	649	2,295,091	3,849	88%
April	1,357,235	33	4,667,862	321	11	12	970	2,295,412	4,228	95%
May	1,209,565	29	5,877,427	105	3	3	1,075	2,295,517	11,520	89%
June	1,114,778	31	6,992,204	65	2	2	1,140	2,295,582	17,150	88%
July	1,423,292	39	8,415,497	30	1	1	1,170	2,295,612	47,443	82%
August	1,203,139	30	9,618,636	39	1	1	1,209	2,295,651	30,850	86%
September	1,496,797	39	11,115,433	0	0	0	1,209	2,295,651	--	91%
October	1,394,330	33	12,509,763	17	1	1	1,226	2,295,668	82,019	96%
November	1,457,171	34	13,966,934	32	1	1	1,258	2,295,700	45,537	93%
December	1,305,226	32	15,272,160	18	1	1	1,276	2,295,718	72,513	94%
Average	1,272,680	32		106	4	4			29,820	91%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-C 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Average Monthly Free-Product Recovery Rate[1]	Average Monthly Operational Free-Product Recovery Rate	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	1,737,776	39	1,737,776	0	0	0	0	841,813	--	99%
February	1,523,152	42	3,260,928	0	0	0	0	841,813	--	91%
March	1,445,665	37	4,706,593	0	0	0	0	841,813	--	88%
April	1,450,059	47	6,156,652	0	0	0	0	841,813	--	71%
May	975,934	30	7,132,586	0	0	0	0	841,813	--	68%
June	845,954	40	7,978,540	0	0	0	0	841,813	--	53%
July	2,755,443	75	10,733,983	0	0	0	0	841,813	--	83%
August	2,207,833	56	12,941,816	0	0	0	0	841,813	--	86%
September	2,677,477	72	15,619,293	0	0	0	0	841,813	--	89%
October	2,518,122	59	18,137,415	0	0	0	0	841,813	--	95%
November	2,726,563	63	20,863,978	0	0	0	0	841,813	--	93%
December	2,438,339	60	23,302,317	0	0	0	0	841,813	--	94%
Average	1,941,860	53		0	0	0			--	84%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-D 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Average Monthly Free-Product Recovery Rate[1]	Average Monthly Operational Free-Product Recovery Rate	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	1,290,835	29	1,290,835	0	0	0	0	1,290,854	--	99%
February	1,086,041	30	2,376,876	0	0	0	0	1,290,854	--	91%
March	1,087,226	28	3,464,102	0	0	0	0	1,290,854	--	88%
April	1,358,523	33	4,822,625	0	0	0	0	1,290,854	--	95%
May	1,050,614	25	5,873,239	0	0	0	0	1,290,854	--	89%
June	1,058,818	27	6,932,057	0	0	0	0	1,290,854	--	98%
July	1,010,524	27	7,942,581	0	0	0	0	1,290,854	--	83%
August	753,909	19	8,696,490	0	0	0	0	1,290,854	--	86%
September	1,008,125	26	9,704,615	0	0	0	0	1,290,854	--	93%
October	881,517	21	10,586,132	0	0	0	0	1,290,854	--	95%
November	930,687	22	11,516,819	0	0	0	0	1,290,854	--	93%
December	812,621	20	12,329,440	0	0	0	0	1,290,854	--	94%
Average	1,027,453	25		0	0	0			--	92%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-F 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Average Monthly Free-Product Recovery Rate[1]	Average Monthly Operational Free-Product Recovery Rate	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	1,555,580	35	1,555,580	2	<1	<1	2	102,489	777,790	99%
February	1,356,229	37	2,911,809	3	<1	<1	5	102,492	452,076	91%
March	1,440,743	37	4,352,552	1	<1	<1	6	102,493	1,440,743	88%
April	1,947,548	48	6,300,100	0	0	0	6	102,493	--	95%
May	1,335,830	33	7,635,930	0	0	0	6	102,493	--	85%
June	1,398,329	36	9,034,259	0	0	0	6	102,493	--	96%
July	1,548,806	42	10,583,065	4	<1	<1	10	102,497	387,202	83%
August	1,034,394	30	11,617,459	0	0	0	10	102,497	--	74%
September	1,746,175	45	13,363,634	0	0	0	10	102,497	--	93%
October	1,440,483	35	14,804,117	1	0	0	11	102,498	1,440,483	93%
November	1,502,743	35	16,306,860	13	0	0	24	102,511	115,596	93%
December	540,713	35	16,847,573	6	0	0	30	102,517	90,119	36%
Average	1,403,964	37		3	<1	<1			672,001	85%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-H 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Average Monthly Free-Product Recovery Rate[1]	Average Monthly Operational Free-Product Recovery Rate	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	2,128,010	48	2,128,010	17	1	1	17	126,817	122,299	99%
February	1,633,544	49	3,761,554	0	0	0	17	126,817	--	84%
March	1,626,737	41	5,388,291	0	0	0	17	126,817	--	88%
April	1,983,672	61	7,371,963	0	0	0	17	126,817	--	76%
May	1,679,057	42	9,051,020	0	0	0	17	126,817	--	84%
June	1,330,401	50	10,381,421	0	0	0	17	126,817	--	66%
July	2,495,315	57	12,876,736	0	0	0	17	126,817	--	98%
August	2,433,483	54	15,310,219	0	0	0	17	126,817	--	98%
September	2,647,485	77	17,957,704	0	0	0	17	126,817	--	82%
October	2,236,505	57	20,194,209	0	0	0	17	126,817	7,455,017	88%
November	2,717,871	60	22,912,080	14	<1	<1	31	126,831	201,324	98%
December	2,261,625	55	25,173,705	24	1	1	55	126,855	93,071	95%
Average	2,097,809	54		5	<1	<1			1,967,928	88%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-I 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Average Monthly Free-Product Recovery Rate[1]	Average Monthly Operational Free-Product Recovery Rate	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	1,578,579	38	1,578,579	0	0	0	0	95,375	--	92%
February	1,466,833	40	3,045,412	1	<1	<1	1	95,376	--	91%
March	1,554,089	40	4,599,501	1	<1	<1	2	95,377	--	88%
April	1,804,659	55	6,404,160	0	0	0	2	95,377	--	76%
May	1,505,037	41	7,909,197	0	0	0	2	95,377	--	78%
June	1,242,060	47	9,151,257	0	0	0	2	95,377	--	65%
July	2,249,471	56	11,400,728	0	0	0	2	95,377	--	90%
August	0	0	11,400,728	0	0	--	2	95,377	--	0%
September	0	0	11,400,728	0	0	--	2	95,377	--	0%
October	0	0	11,400,728	0	0	0	2	95,377	--	2%
November	1,598,902	56	12,999,630	0	0	0	2	95,377	--	62%
December	2,288,445	67	15,288,075	0	0	0	2	95,377	--	79%
Average	1,274,006	48		0	<1	<1			--	60%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-K 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Average Monthly Free-Product Recovery Rate[1]	Average Monthly Operational Free-Product Recovery Rate	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	2,570,161	58	2,570,161	56	2	2	56	551,844	45,896	99%
February	2,345,747	64	4,915,908	99	4	4	155	551,943	23,694	91%
March	2,113,667	60	7,029,575	10	<1	<1	165	551,953	211,367	79%
April	3,102,239	76	10,131,814	22	1	1	187	551,975	141,011	95%
May	2,524,411	60	12,656,225	0	0	0	187	551,975	--	89%
June	1,812,804	82	14,469,029	0	0	0	187	551,975	--	55%
July	2,129,070	78	16,598,099	0	0	0	187	551,975	--	61%
August	1,534,751	62	18,132,850	0	0	0	187	551,975	--	54%
September	3,782,812	97	21,915,662	0	0	0	187	551,975	--	93%
October	3,198,361	95	25,114,023	0	0	0	187	551,975	--	75%
November	3,408,717	79	28,522,740	0	0	0	187	551,975	--	93%
December	2,987,178	74	31,509,918	1	<1	<1	188	551,976	2,987,178	94%
Average	2,625,827	73		16	<1	<1			681,829	81%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-L 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Average Monthly Free-Product Recovery Rate[1]	Average Monthly Operational Free-Product Recovery Rate	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	1,725,390	40	1,725,390	107	3	3	107	297,316	16,125	97%
February	349,178	43	2,074,568	19	1	5	126	297,335	18,378	20%
March	1,709,388	43	3,783,956	0	0	0	126	297,335	--	88%
April	2,035,461	52	5,819,417	0	0	0	126	297,335	--	90%
May	1,796,607	43	7,616,024	0	0	0	126	297,335	--	89%
June	1,903,420	48	9,519,444	0	0	0	126	297,335	--	97%
July	1,555,133	55	11,074,577	1	<1	<1	127	297,336	1,555,133	64%
August	630,832	29	11,705,409	0	0	0	127	297,336	--	48%
September	1,192,366	36	12,897,775	0	0	0	127	297,336	--	80%
October	1,087,396	30	13,985,171	0	0	0	127	297,336	--	81%
November	1,395,920	32	15,381,091	0	0	0	127	297,336	--	93%
December	1,225,533	30	16,606,624	0	0	0	127	297,336	--	94%
Average	1,383,885	40		11	<1	1			529,879	79%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-M 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Average Monthly Free-Product Recovery Rate[1]	Average Monthly Operational Free-Product Recovery Rate	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	127,170	3	127,170	0	0	0	0	8	--	98%
February	88,830	2	216,000	0	0	0	0	8	--	90%
March	118,440	3	334,440	0	0	0	0	8	--	86%
April	0	0	334,440	0	0	0	0	8	--	95%
May	95,504	2	429,944	0	0	0	0	8	--	89%
June	189,460	5	619,404	0	0	0	0	8	--	98%
July	204,259	6	823,663	0	0	0	0	8	--	83%
August	161,911	4	985,574	0	0	0	0	8	--	86%
September	197,444	6	1,183,018	0	0	0	0	8	--	85%
October	166,884	4	1,349,902	0	0	0	0	8	--	87%
November	110,468	3	1,460,370	0	0	0	0	8	--	88%
December	81	0	1,460,451	0	0	0	0	8	--	93%
Average	121,704	3		0	0	0			--	90%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-21 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Average Monthly Free-Product Recovery Rate[1]	Average Monthly Operational Free-Product Recovery Rate	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	2,588,716	60	2,588,716	40	1	1	40	395,629	64,718	97%
February	2,870,964	71	5,459,680	26	1	1	66	395,655	110,422	100%
March	3,161,003	73	8,620,683	115	4	4	181	395,770	27,487	97%
April	2,889,075	87	11,509,758	57	2	3	238	395,827	50,686	77%
May	2,288,011	57	13,797,769	0	0	0	238	395,827	--	84%
June	1,618,820	62	15,416,589	14	1	2	252	395,841	115,338	65%
July	3,099,427	72	18,516,016	22	1	1	274	395,863	140,883	97%
August	2,223,341	50	20,739,357	0	0	0	274	395,863	--	97%
September	2,347,002	69	23,086,359	1	<1	<1	275	395,864	2,347,002	82%
October	2,328,084	60	25,414,443	16	1	1	291	395,880	145,505	86%
November	2,645,770	59	28,060,213	10	<1	<1	301	395,890	264,577	97%
December	440,681	91	28,500,894	12	<1	<1	313	395,902	36,723	11%
Average	2,375,075	65		26	1	1			330,334	83%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

Recovery Well RW-23 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Average Monthly Free-Product Recovery Rate[1]	Average Monthly Operational Free-Product Recovery Rate	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	2,673,410	65	2,673,410	0	0	0	0	256,835	--	93%
February	428,984	89	2,673,410	0	0	0	0	256,835	--	12%
March	--	--	2,673,410	--	--	--	--	256,835	--	0%
April	--	--	2,673,410	--	--	--	--	256,835	--	0%
May	--	--	2,673,410	--	--	--	--	256,835	--	0%
June	--	--	2,673,410	--	--	--	--	256,835	--	0%
July	--	--	2,673,410	--	--	--	--	256,835	--	0%
August	--	--	2,673,410	--	--	--	--	256,835	--	0%
September	--	--	2,673,410	--	--	--	--	256,835	--	0%
October	--	--	2,673,410	--	--	--	--	256,835	--	0%
November	--	--	2,673,410	--	--	--	--	256,835	--	0%
December	--	--	2,673,410	--	--	--	--	256,835	--	0%
Average	1,551,197	58		0	0	0			--	9%

Notes:
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.
3. Recovery well RW-23 was shutdown on February 4, 2025 and decommissioning activities were completed on April 4, 2025.

Recovery Well RW-24 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Average Monthly Free-Product Recovery Rate[1]	Average Monthly Operational Free-Product Recovery Rate	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	487,644	11	487,644	7	<1	<1	7	90,891	69,663	97%
February	438,967	11	926,611	5	<1	<1	12	90,896	87,793	98%
March	420,065	10	1,346,676	19	1	1	31	90,915	22,109	97%
April	533,630	16	1,880,306	12	<1	<1	43	90,927	44,469	77%
May	578,875	15	2,459,181	11	<1	<1	54	90,938	52,625	82%
June	435,197	16	2,894,378	9	<1	<1	63	90,947	48,355	66%
July	845,261	20	3,739,639	2	<1	<1	65	90,949	422,631	96%
August	574,802	13	4,314,441	0	0	0	65	90,949	--	96%
September	636,497	17	4,950,938	6	<1	<1	71	90,955	106,083	91%
October	572,798	15	5,523,736	12	<1	<1	83	90,967	47,733	86%
November	633,159	14	6,156,895	31	1	1	114	90,998	20,424	98%
December	606,808	14	6,763,703	7	<1	<1	121	91,005	86,687	97%
Average	563,642	14		10	<1	<1			91,688	90%

Notes:

1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

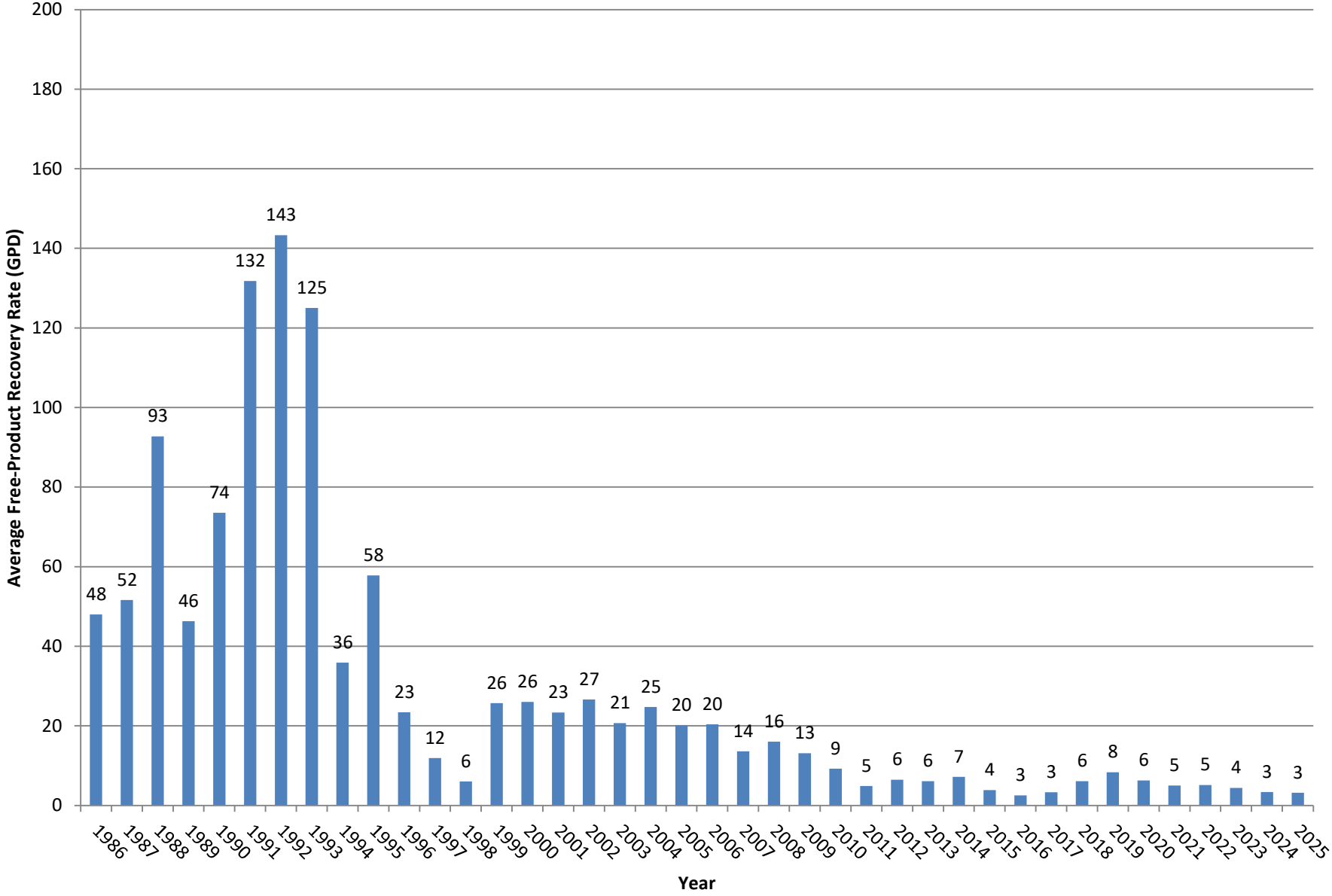
Recovery Well RW-25 2025 Yearly Performance Summary
ExxonMobil Greenpoint Petroleum Remediation Project, Greenpoint, Brooklyn, New York

Month	Monthly Groundwater Extraction	Average Monthly Operational Groundwater Flow Rate	Cumulative Groundwater Extraction Year-to-Date	Monthly Free-Product Recovery	Average Monthly Free-Product Recovery Rate[1]	Average Monthly Operational Free-Product Recovery Rate	Cumulative Free-Product Recovery Year-to-Date	Cumulative Free-Product Recovery Since System Well Startup	Monthly Water-to-Product Ratio	Monthly Operational Run-time[2]
	(gallons)	(gallons / minute)	(gallons)	(gallons)	(gallon / day)	(gallon / day of operation)	(gallons)	(gallons)	(gallons-GW / gallons-FP)	(percent)
January	2,548,540	60	2,548,540	27	1	1	27	10,181	94,390	95%
February	2,545,581	63	5,094,121	16	1	1	43	10,197	159,099	100%
March	2,345,641	55	7,439,762	33	1	1	76	10,230	71,080	95%
April	2,202,217	65	9,641,979	21	1	1	97	10,251	104,867	78%
May	1,541,521	39	11,183,500	0	0	0	97	10,251	--	84%
June	1,096,296	41	12,279,796	57	2	3	154	10,308	19,078	66%
July	1,392,214	54	13,672,010	0	0	0	154	10,308	--	57%
August	3,155,948	68	16,827,958	85	3	3	239	10,393	37,129	100%
September	3,094,691	90	19,922,649	167	6	7	406	10,560	18,531	82%
October	3,036,660	77	22,959,309	74	2	2	480	10,634	41,036	88%
November	3,463,347	77	26,422,656	129	4	4	609	10,763	26,848	97%
December	2,712,138	74	29,134,794	112	4	5	721	10,875	24,216	85%
Average	2,427,900	65		60	2	2			59,627	86%

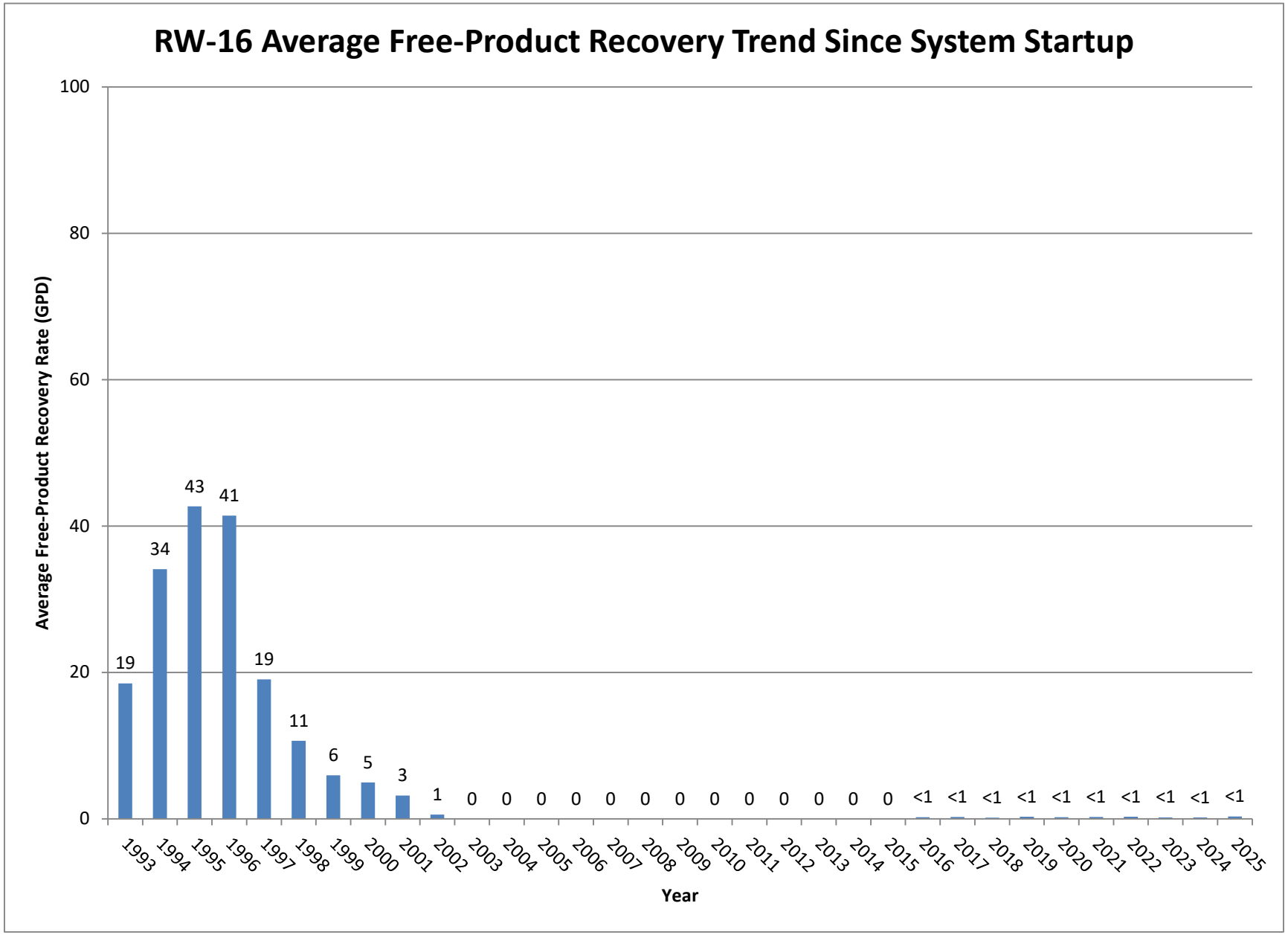
Notes:

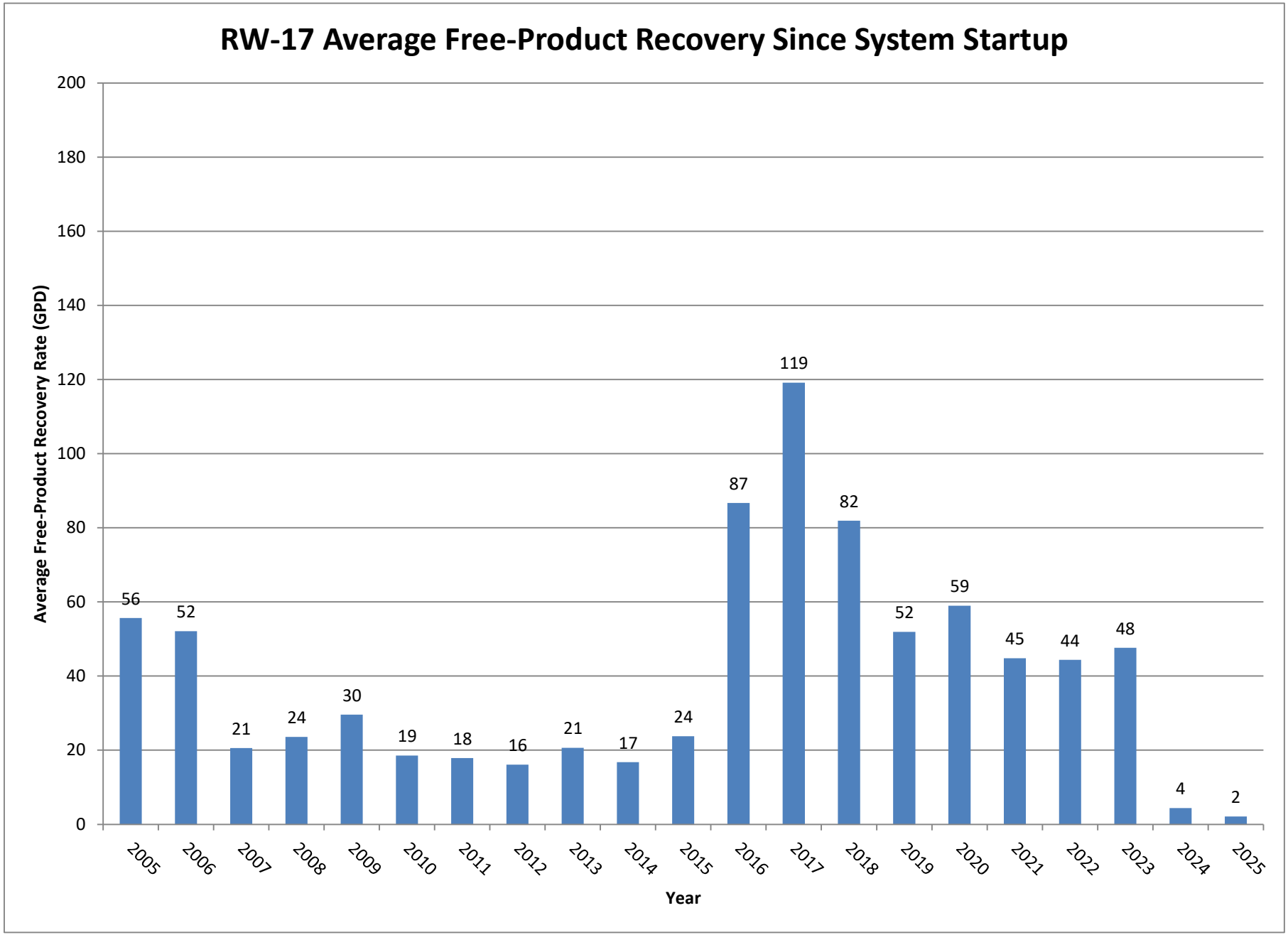
1. Average monthly free-product recovery rates are calculated based on the number of days in the reporting period.
2. Average runtime is the effective runtime which is calculated by dividing the total operational runtime (in days) by the total number of days in the month.

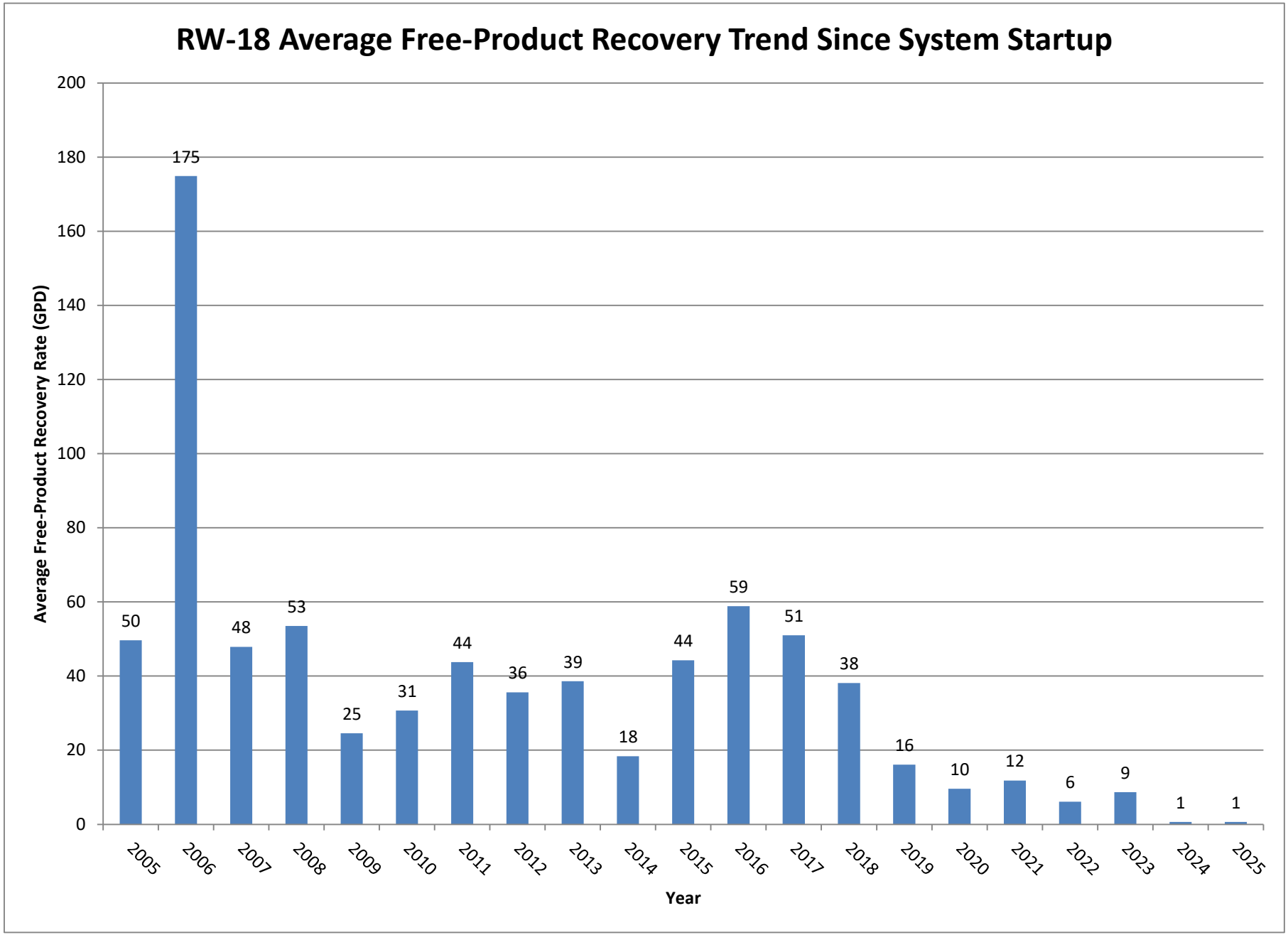
RW-14 Average Free-Product Recovery Trend Since System Startup

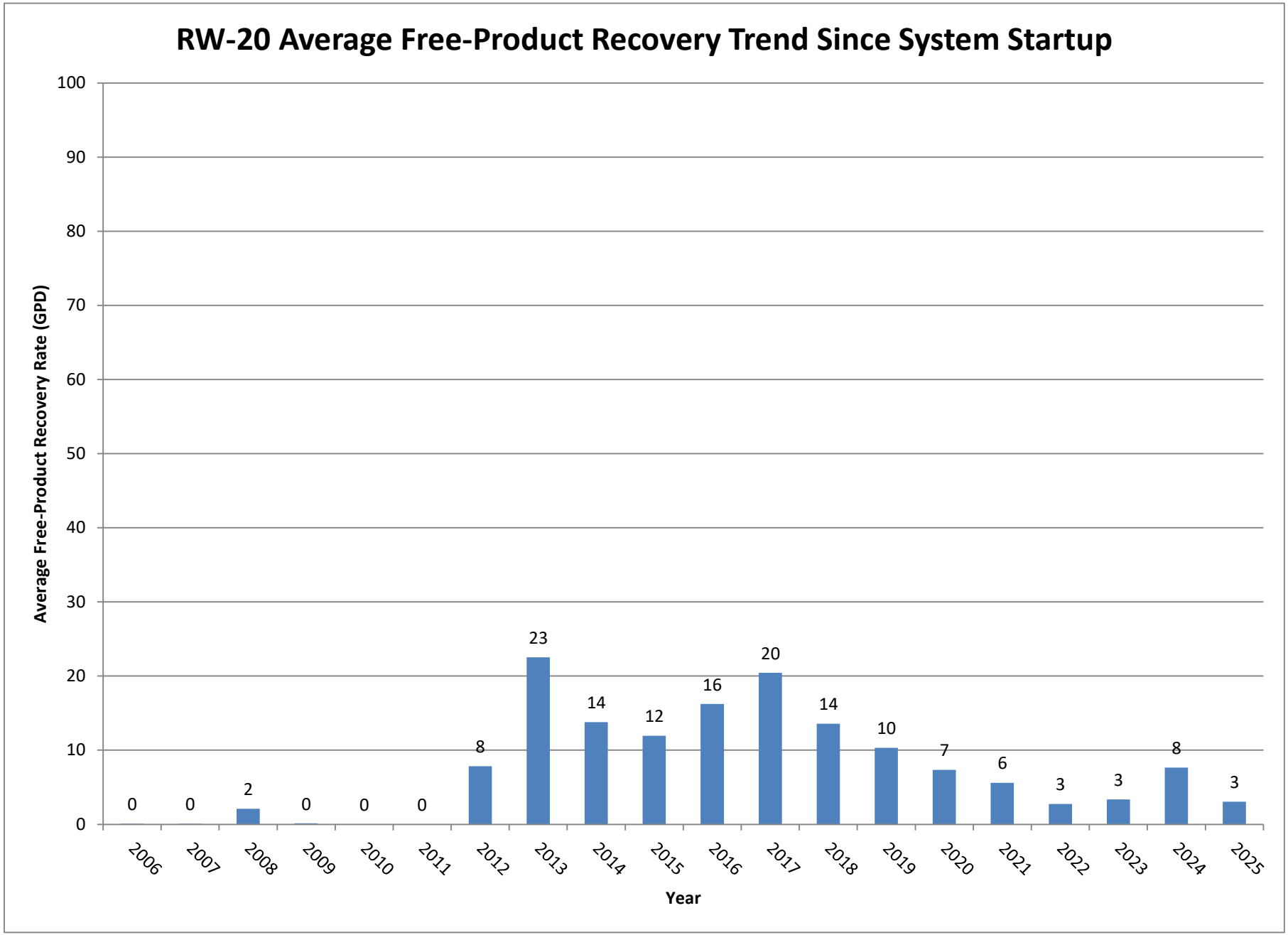


ROUX

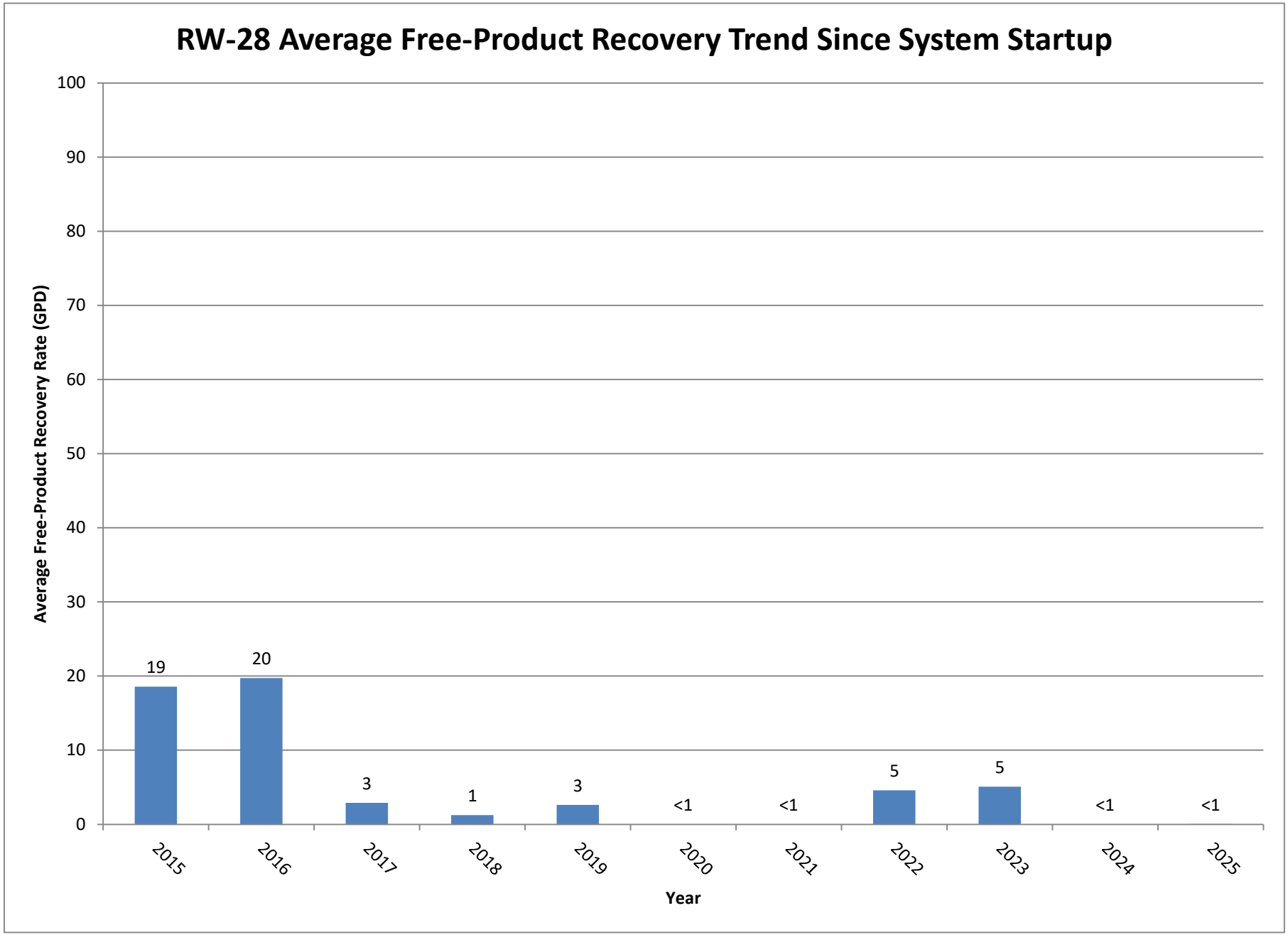

RW-16 Average Free-Product Recovery Trend Since System Startup
Average Free-Product Recovery Rate (GPD)
100
80
60
40
20
0
19
34
43
41
19
11
6
5
3
1
0
0
0
0
0
0
0
0
0
0
0
0
0
<1
<1
<1
<1
<1
<1
<1
<1
<1
<1
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
Year


RW-17 Average Free-Product Recovery Since System Startup
Average Free-Product Recovery Rate (GPD)
200
180
160
140
120
100
80
60
40
20
0
56
52
21
24
30
19
18
16
21
17
24
87
119
82
52
59
45
44
48
4
2
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
Year

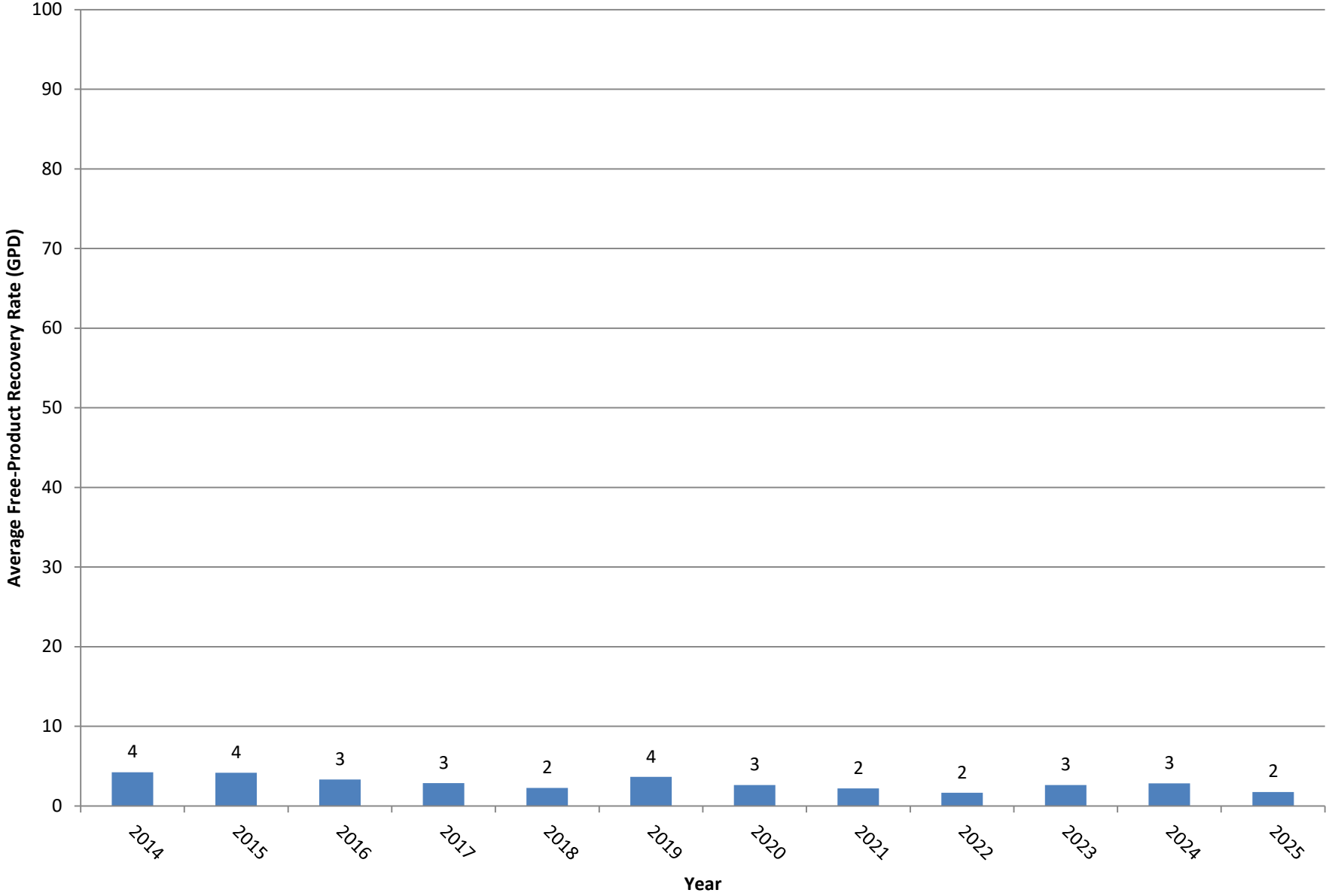

RW-18 Average Free-Product Recovery Trend Since System Startup
Average Free-Product Recovery Rate (GPD)
200
180
160
140
120
100
80
60
40
20
0
50
175
48
53
25
31
44
36
39
18
44
59
51
38
16
10
12
6
9
1
1
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
Year


RW-20 Average Free-Product Recovery Trend Since System Startup
Average Free-Product Recovery Rate (GPD)
100
90
80
70
60
50
40
30
20
10
0
0
0
2
0
0
0
8
23
14
12
16
20
14
10
7
6
3
3
8
3
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
Year

ROUX

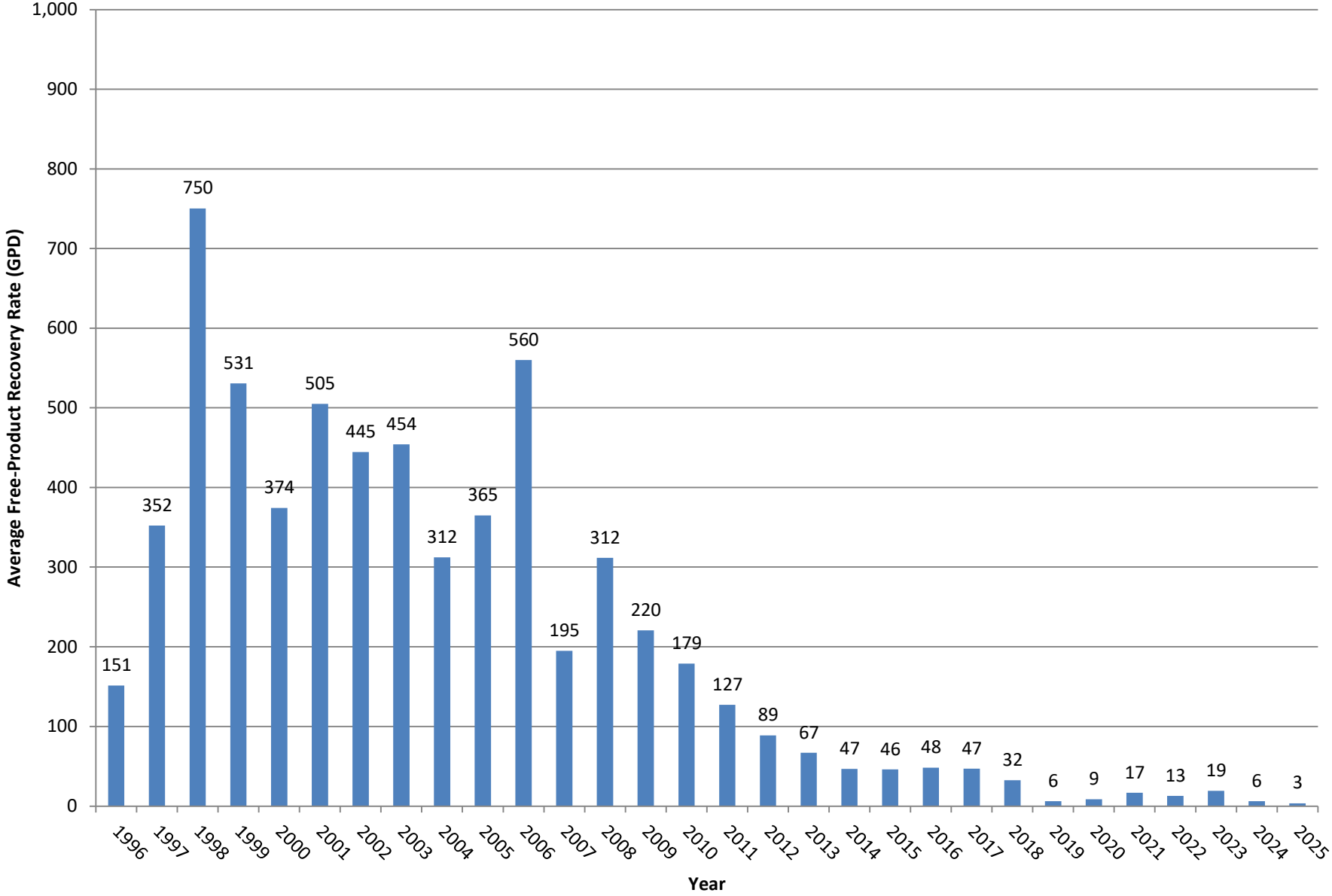

RW-28 Average Free-Product Recovery Trend Since System Startup
Average Free-Product Recovery Rate (GPD)
100
90
80
70
60
50
40
30
20
10
0
19
20
3
1
3
<1
<1
5
5
<1
<1
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
Year

RW-29 Average Free-Product Recovery Trend Since System Startup

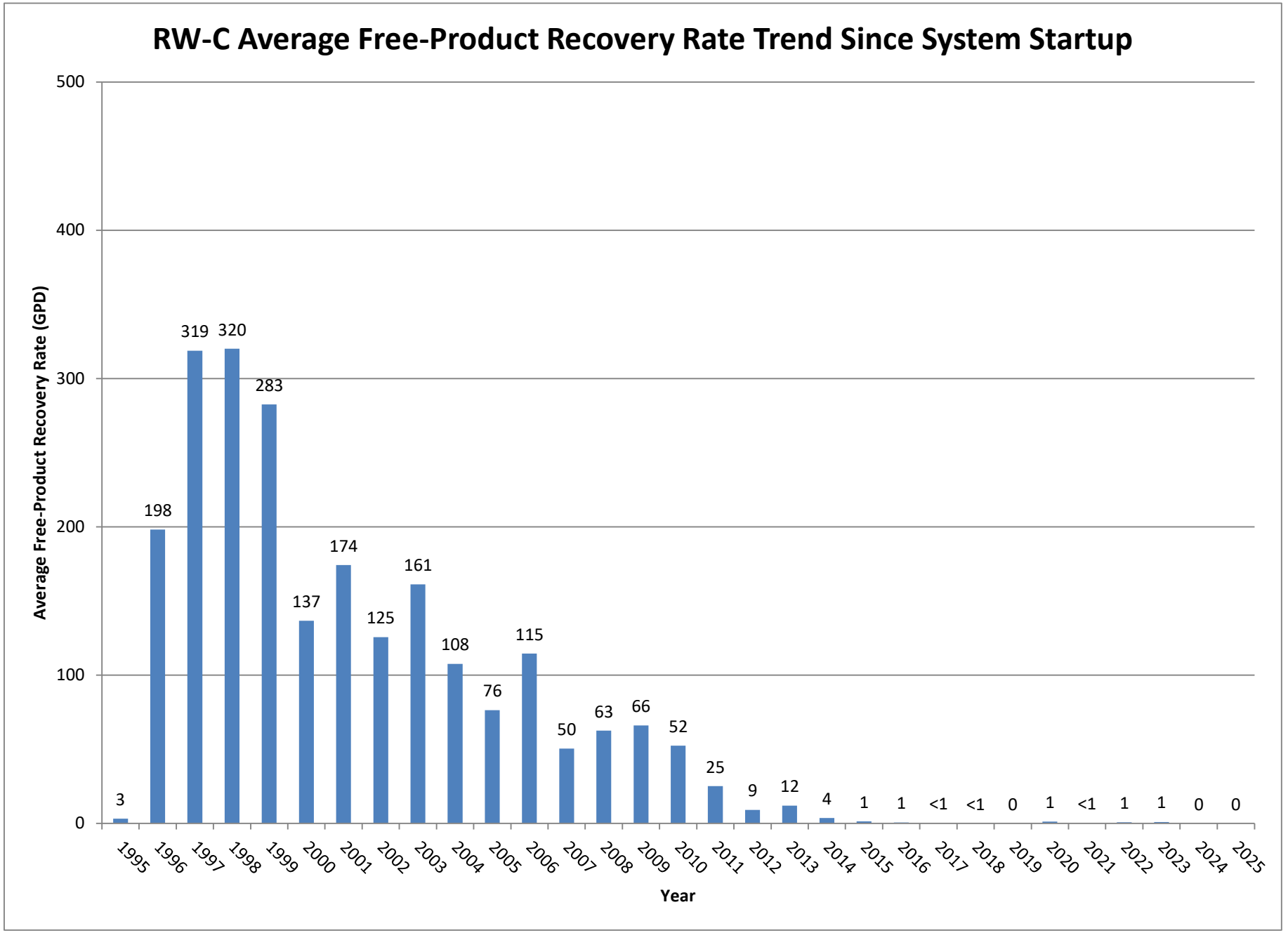


ROUX

RW-A Average Free-Product Recovery Rate Trend Since System Startup



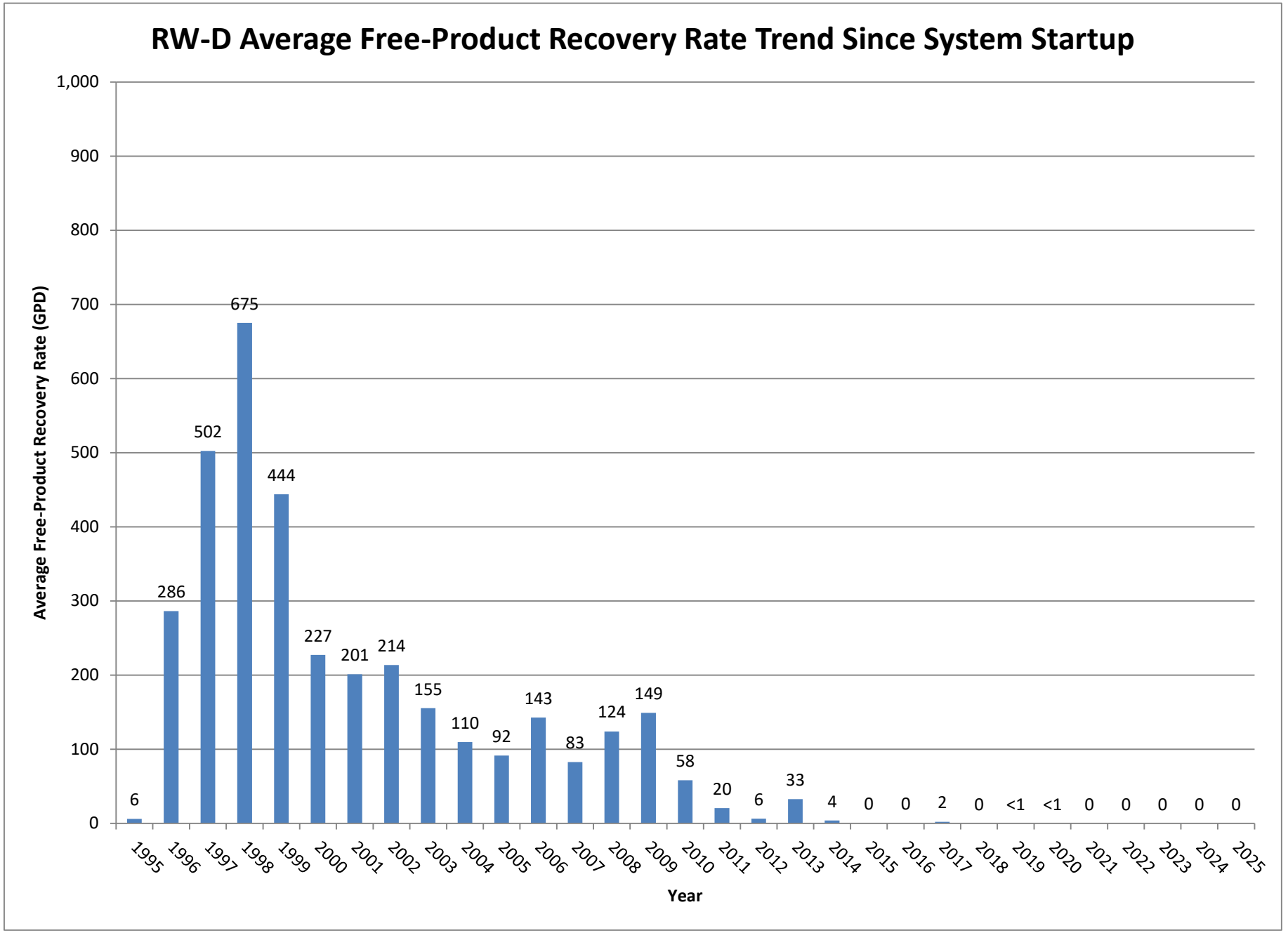
RW-C Average Free-Product Recovery Rate Trend Since System Startup



ROUX

0172.0030Y120.5342/APH

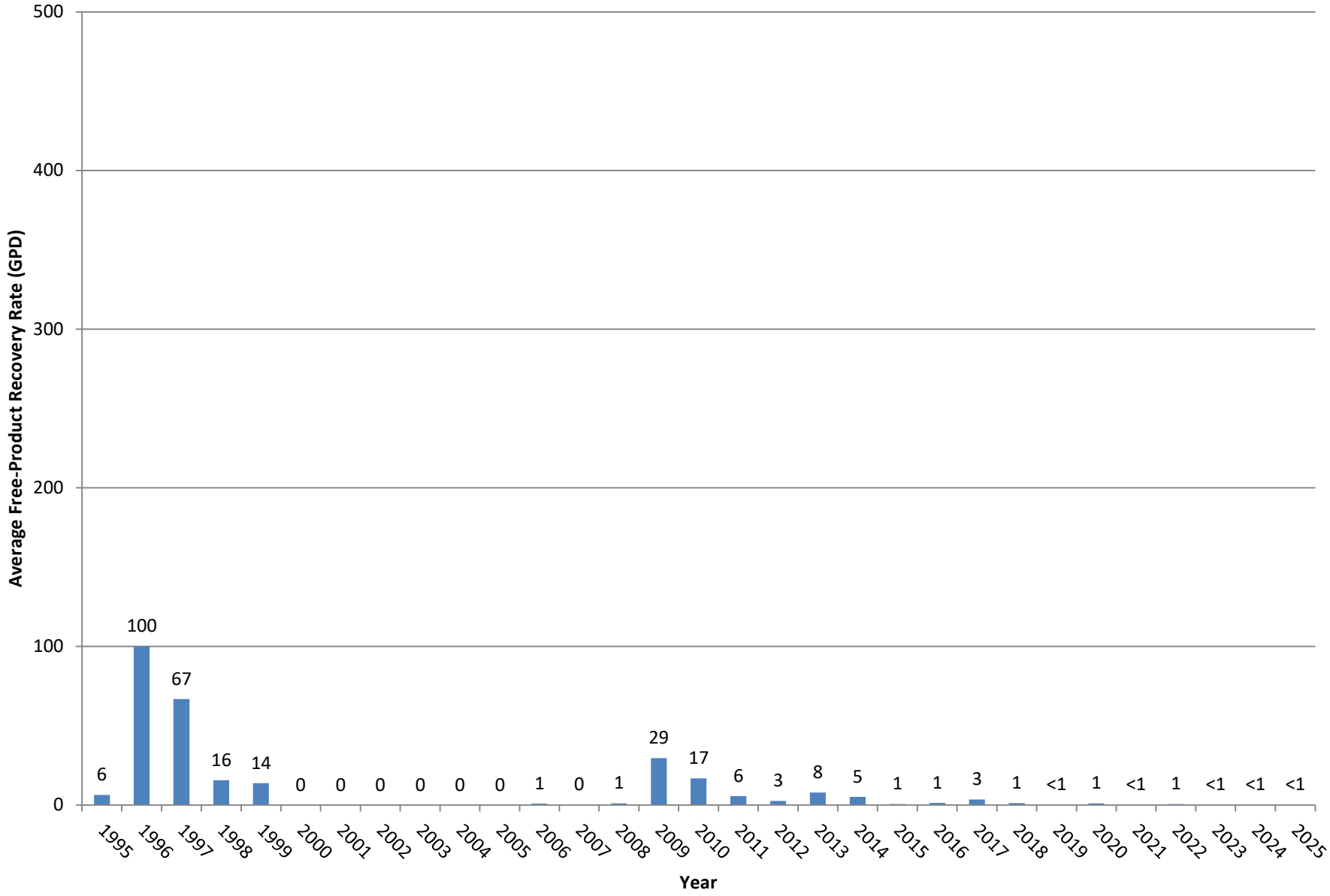
RW-D Average Free-Product Recovery Rate Trend Since System Startup



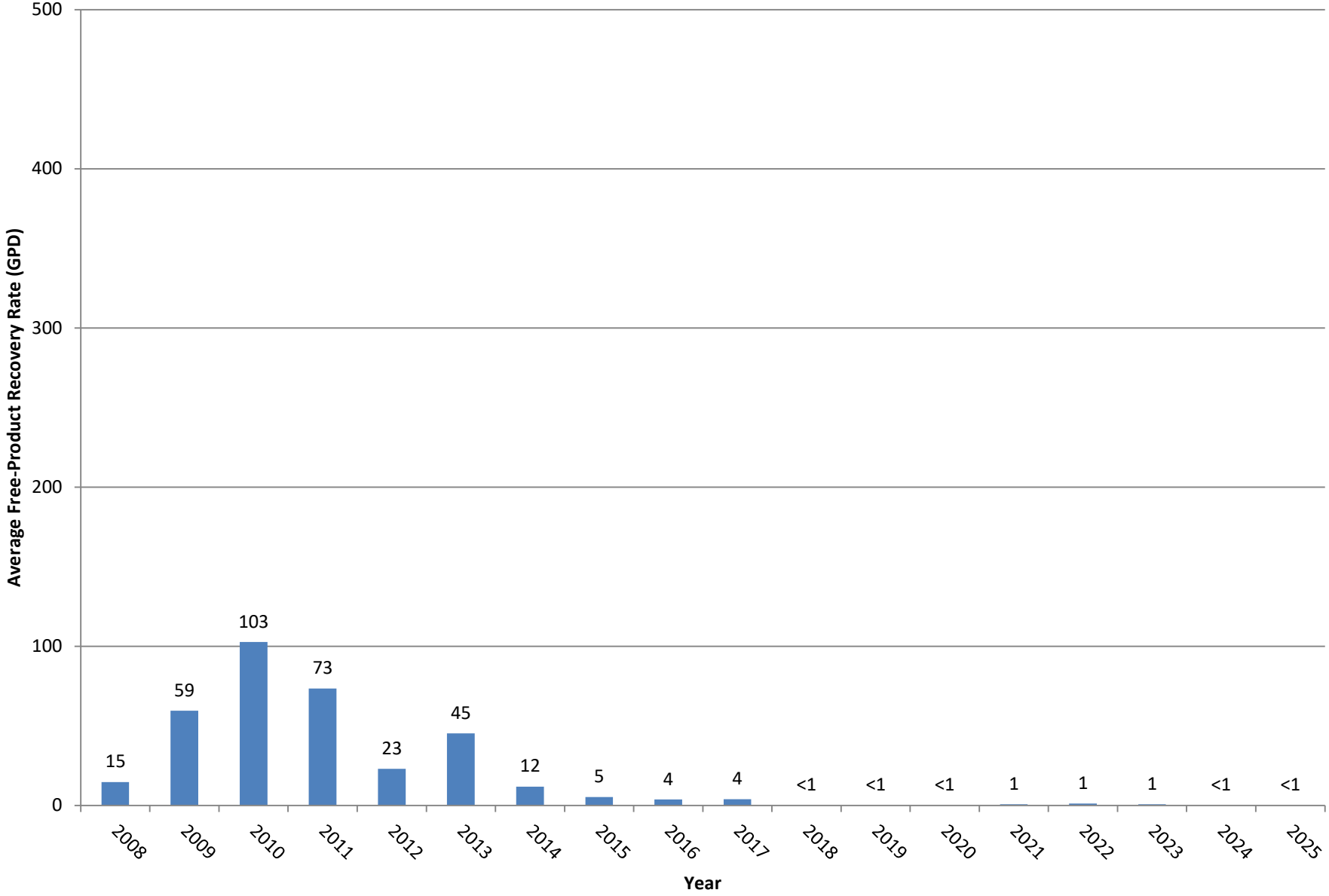
ROUX

0172.0030Y120.5342/APH

RW-F Average Free-Product Recovery Rate Trend Since System Startup

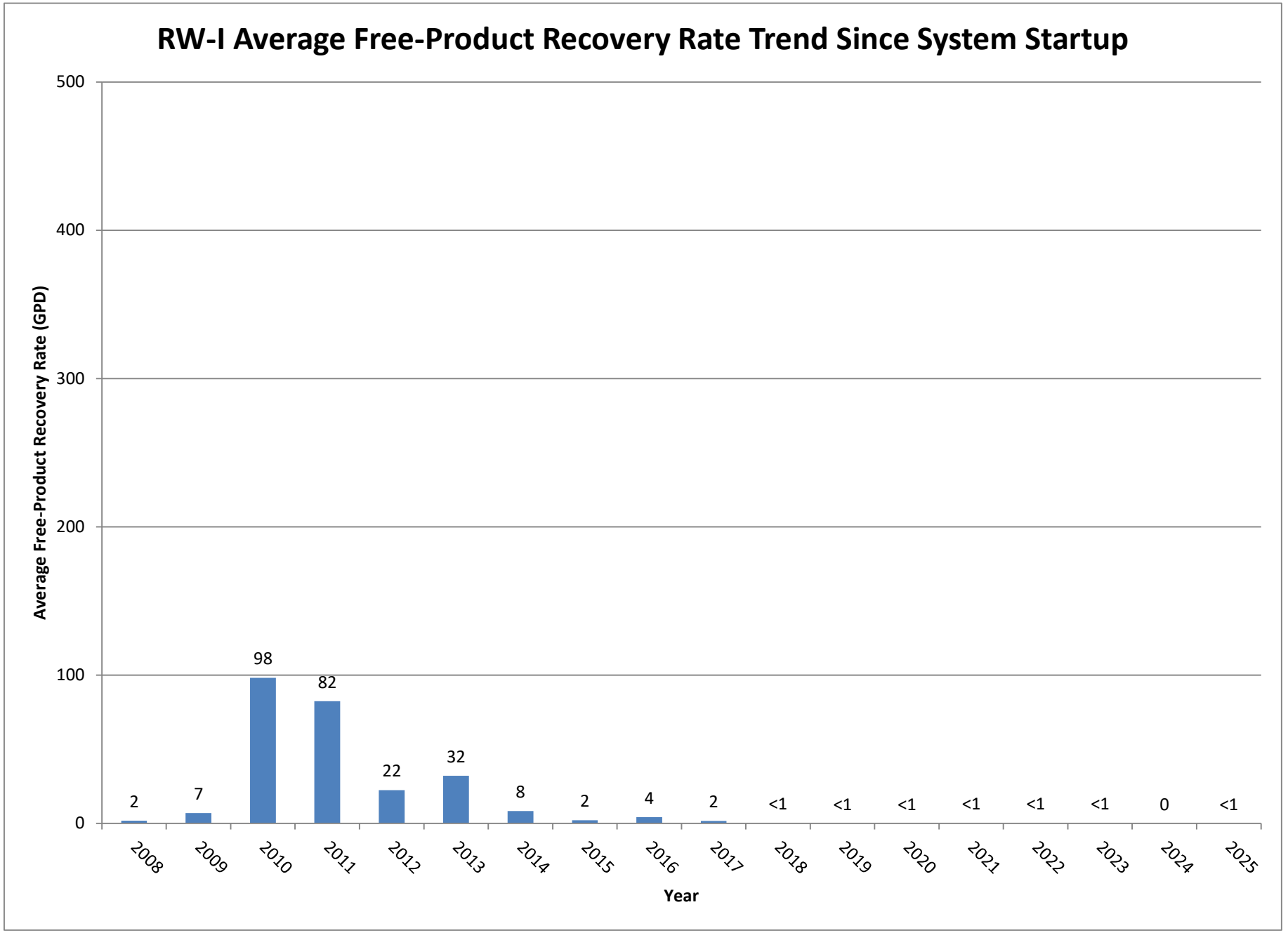


RW-H Average Free-Product Recovery Rate Trend Since System Startup

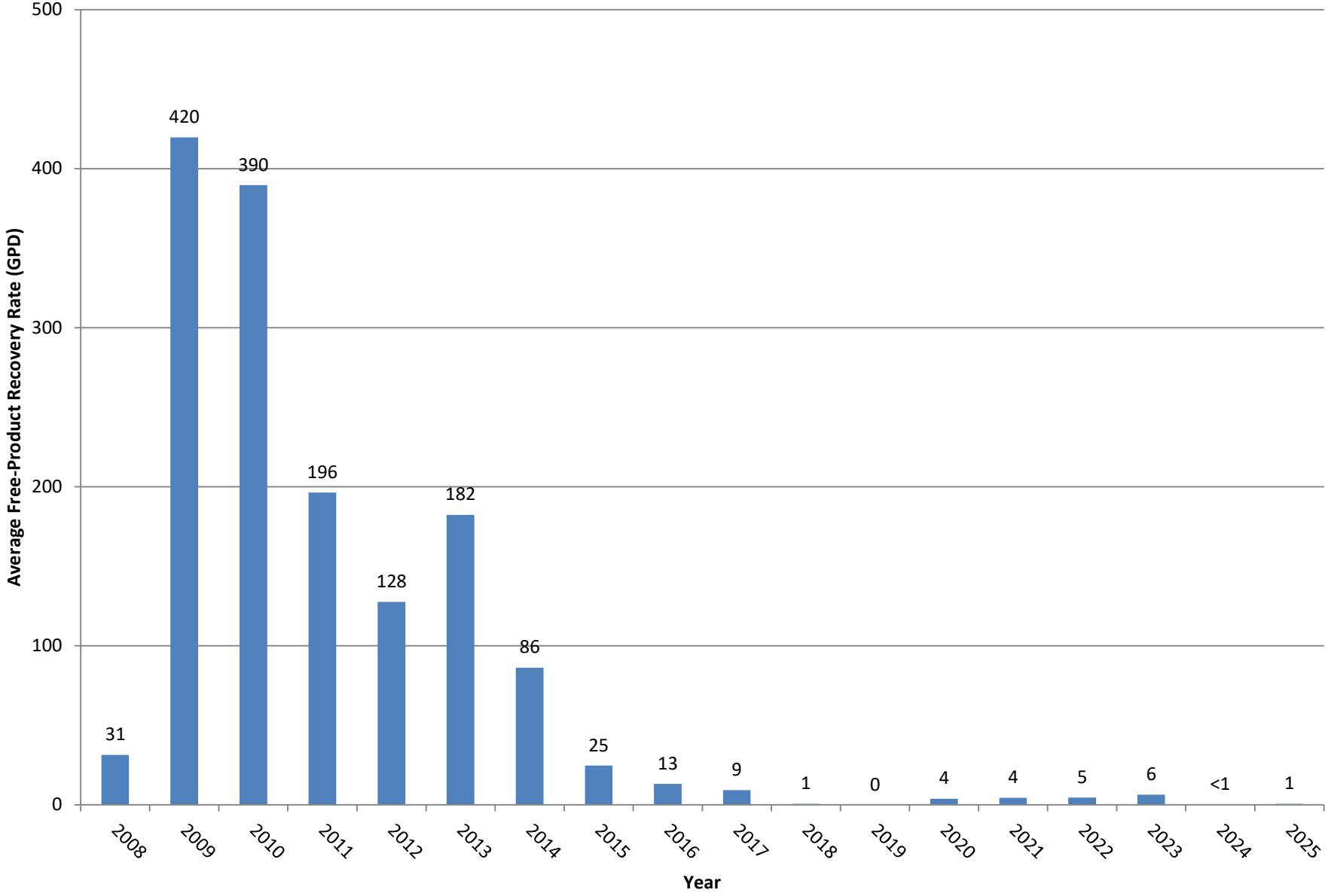


ROUX

RW-I Average Free-Product Recovery Rate Trend Since System Startup

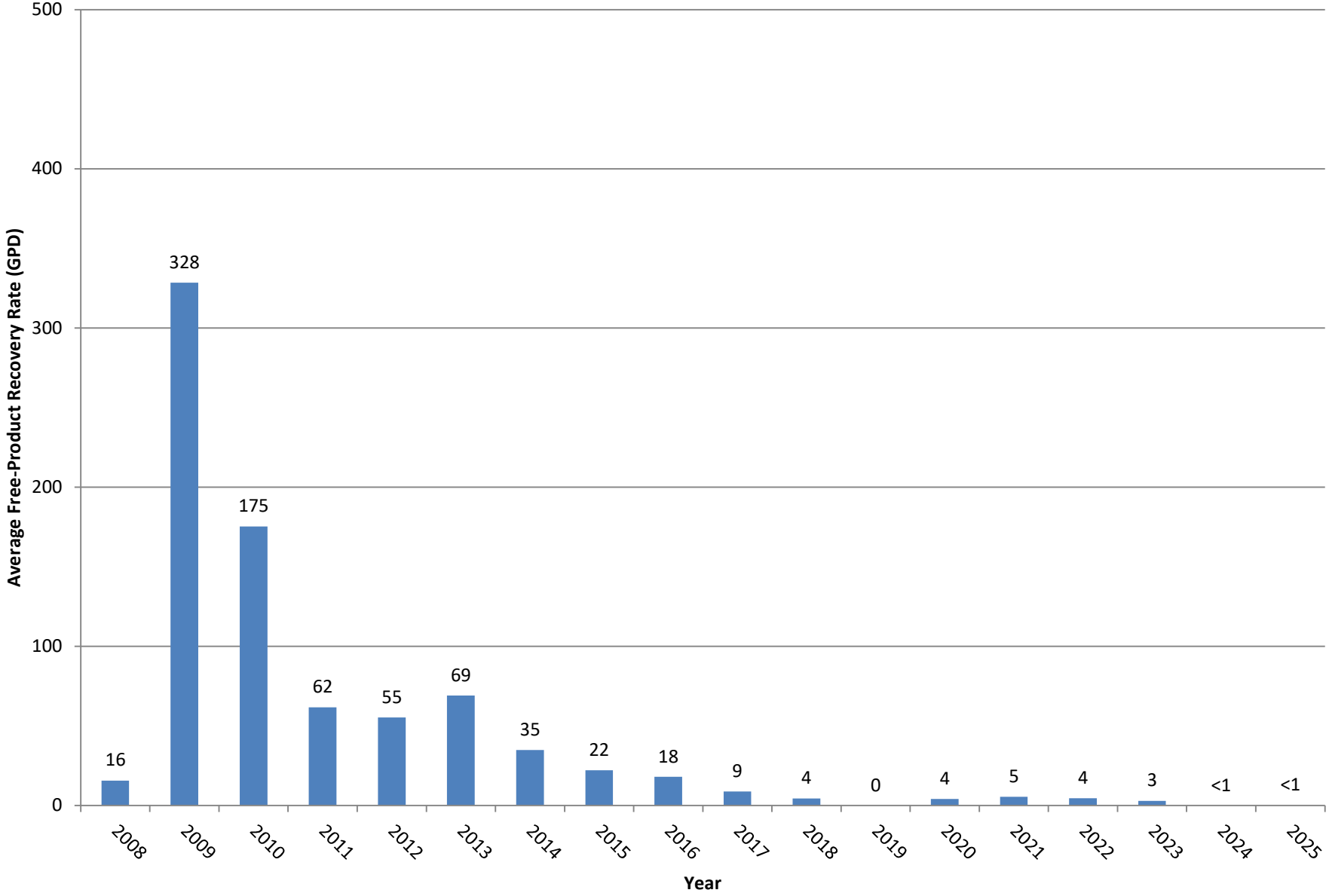


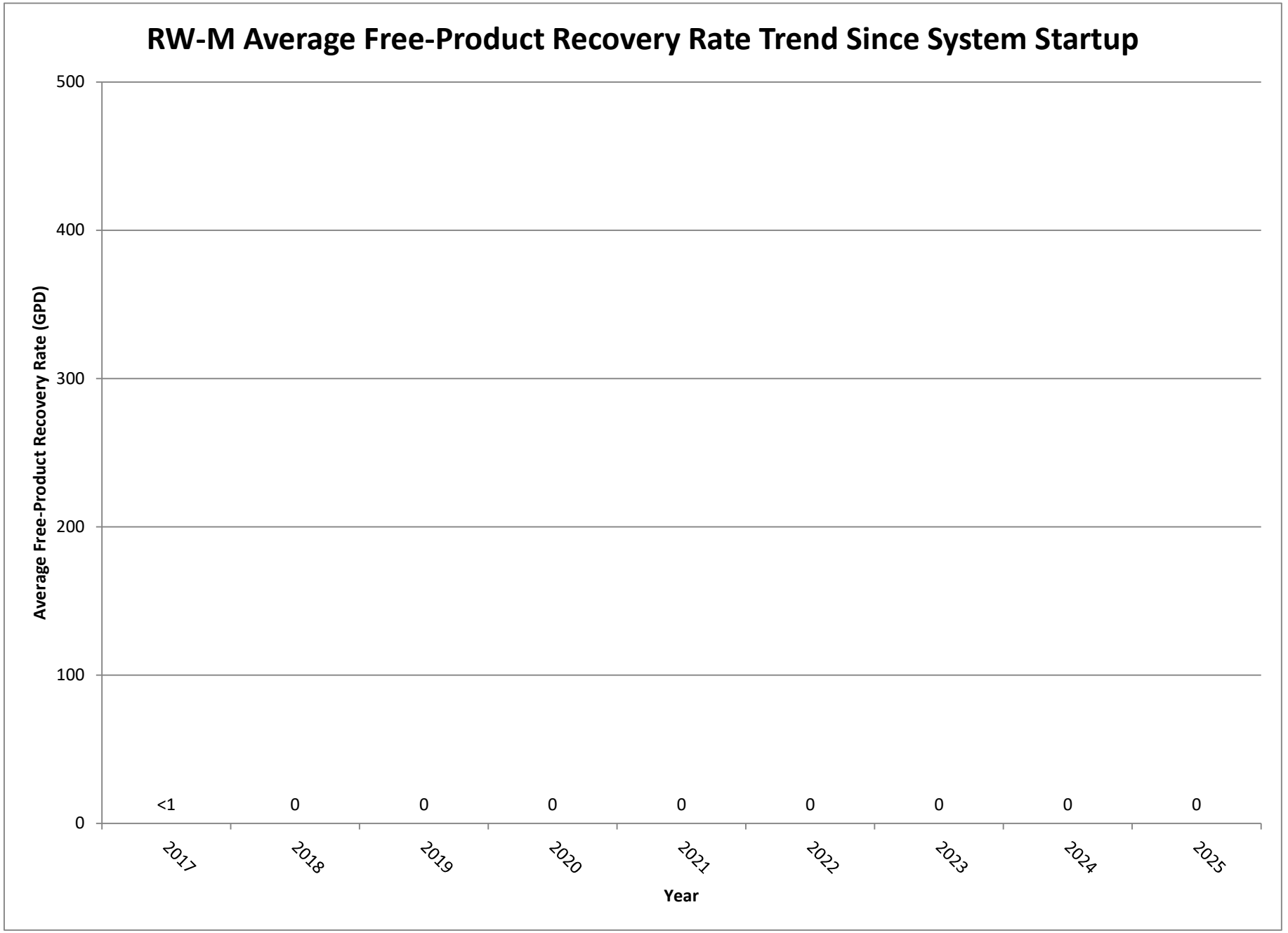
RW-K Average Free-Product Recovery Rate Trend Since System Startup



ROUX

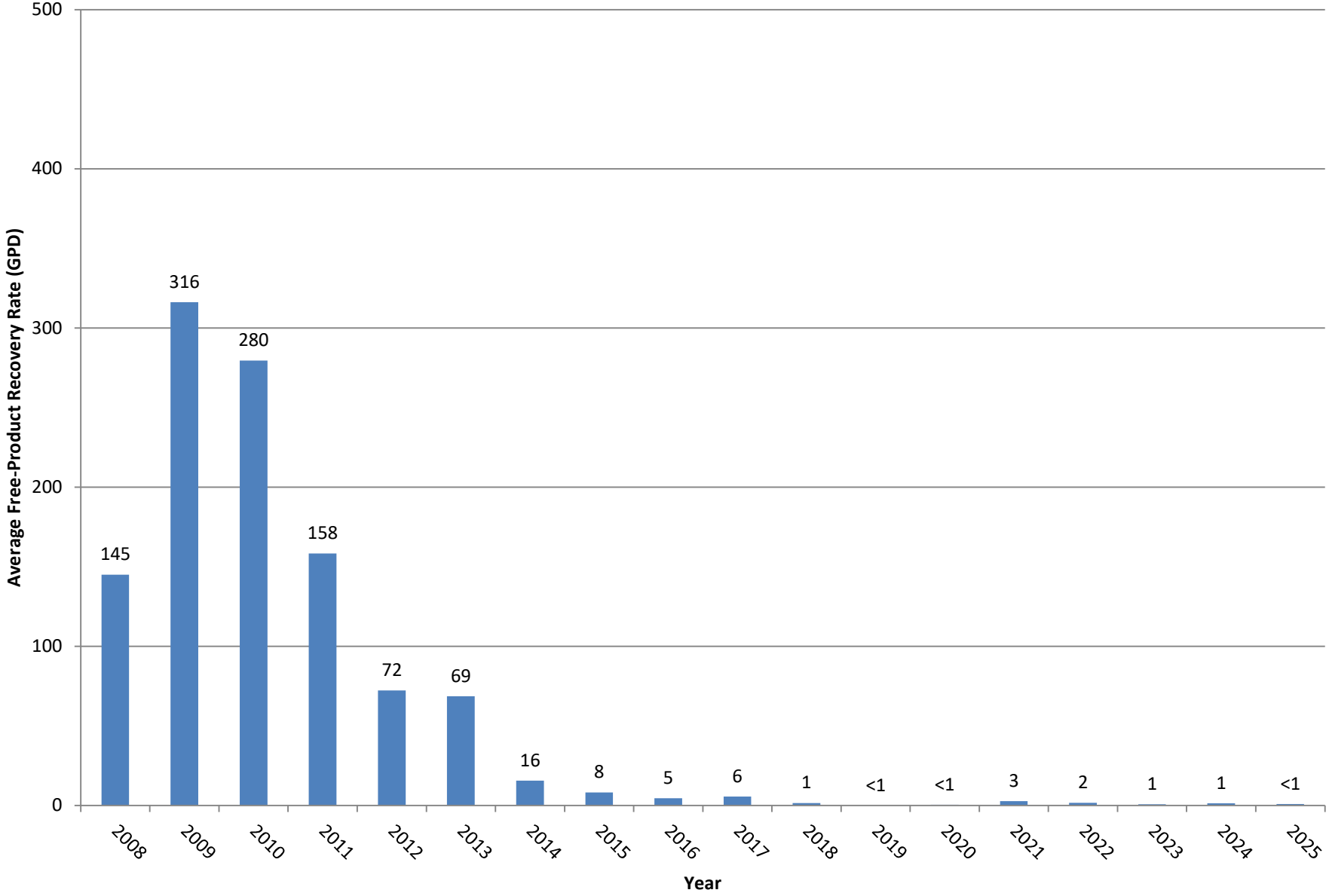
RW-L Average Free-Product Recovery Rate Trend Since System Startup



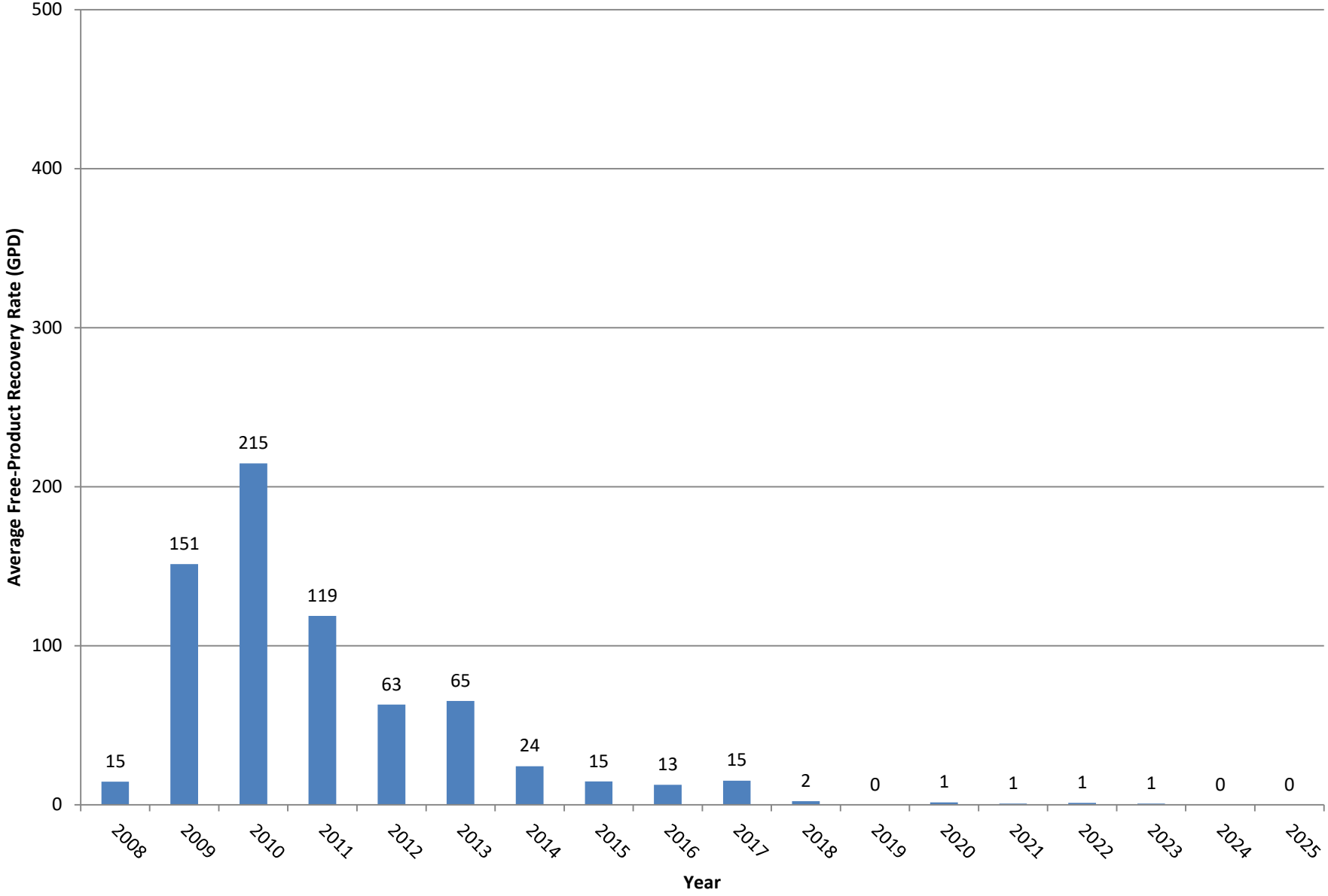

RW-M Average Free-Product Recovery Rate Trend Since System Startup
Average Free-Product Recovery Rate (GPD)
500
400
300
200
100
0
<1
0
0
0
0
0
0
0
0
2017
2018
2019
2020
2021
2022
2023
2024
2025
Year

ROUX

RW-21 Average Free-Product Recovery Rate Trend Since System Startup

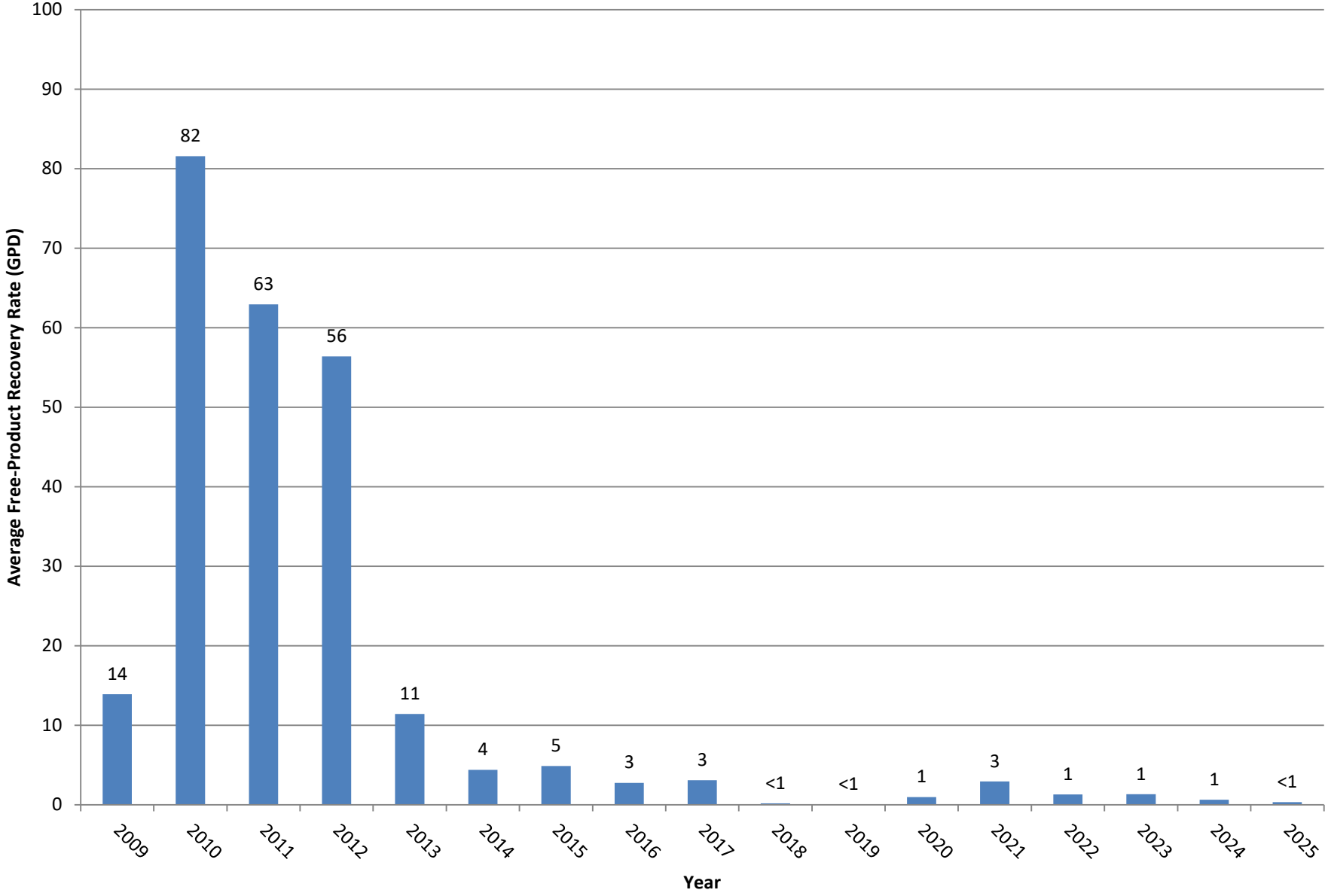


RW-23 Average Free-Product Recovery Rate Trend Since System Startup



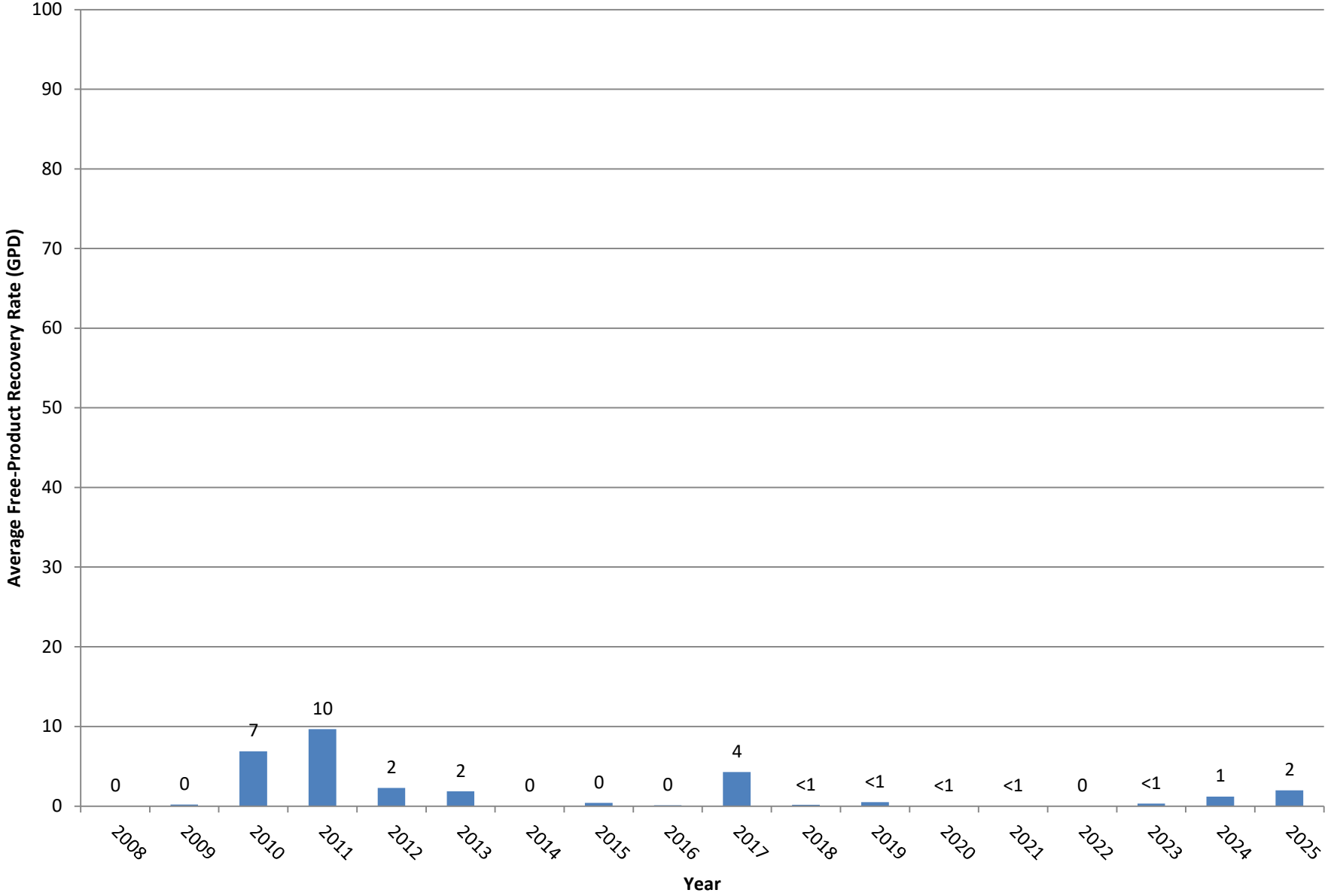
ROUX

RW-24 Average Free-Product Recovery Rate Trend Since System Startup



ROUX

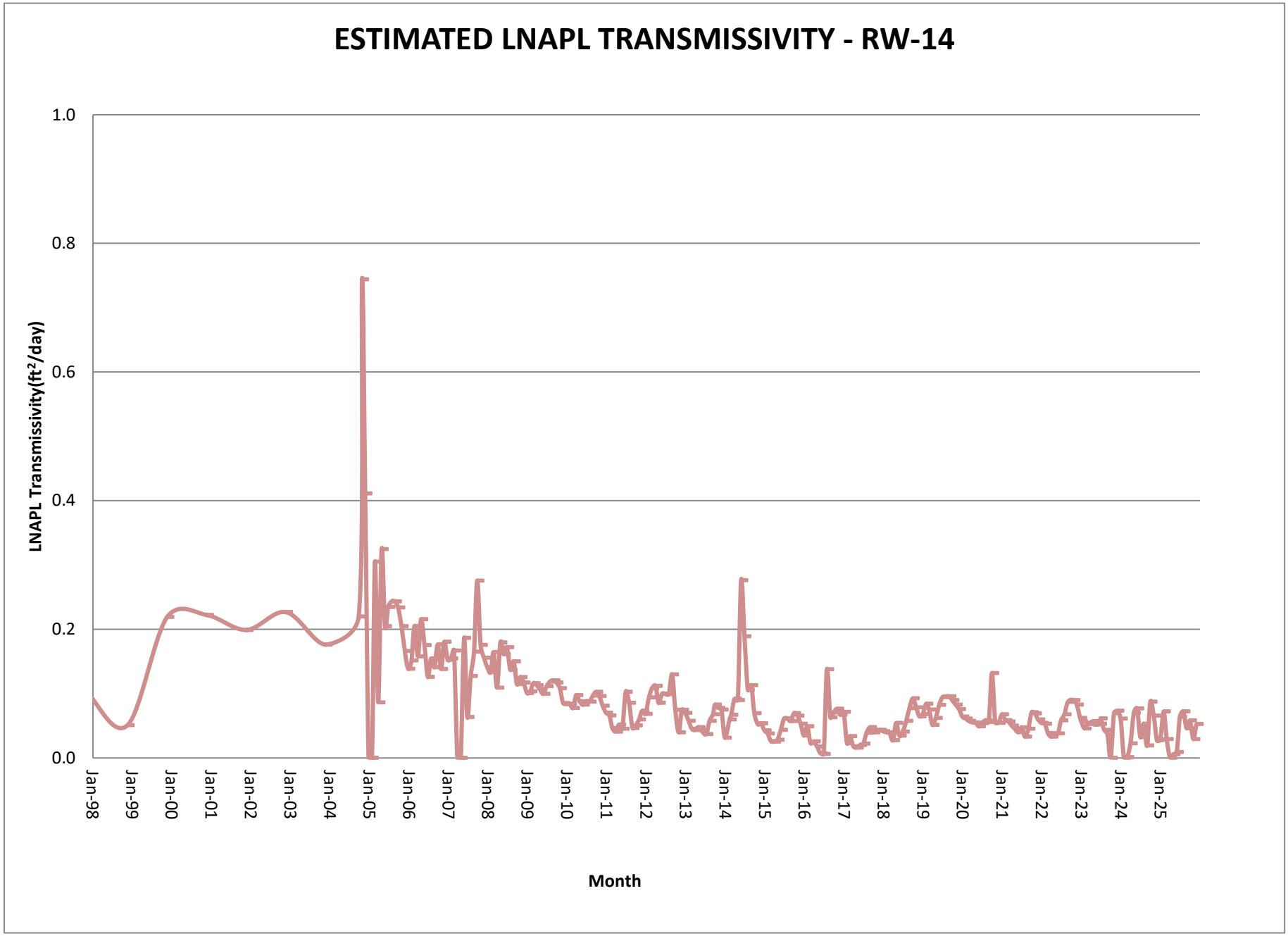
RW-25 Average Free-Product Recovery Rate Trend Since System Startup

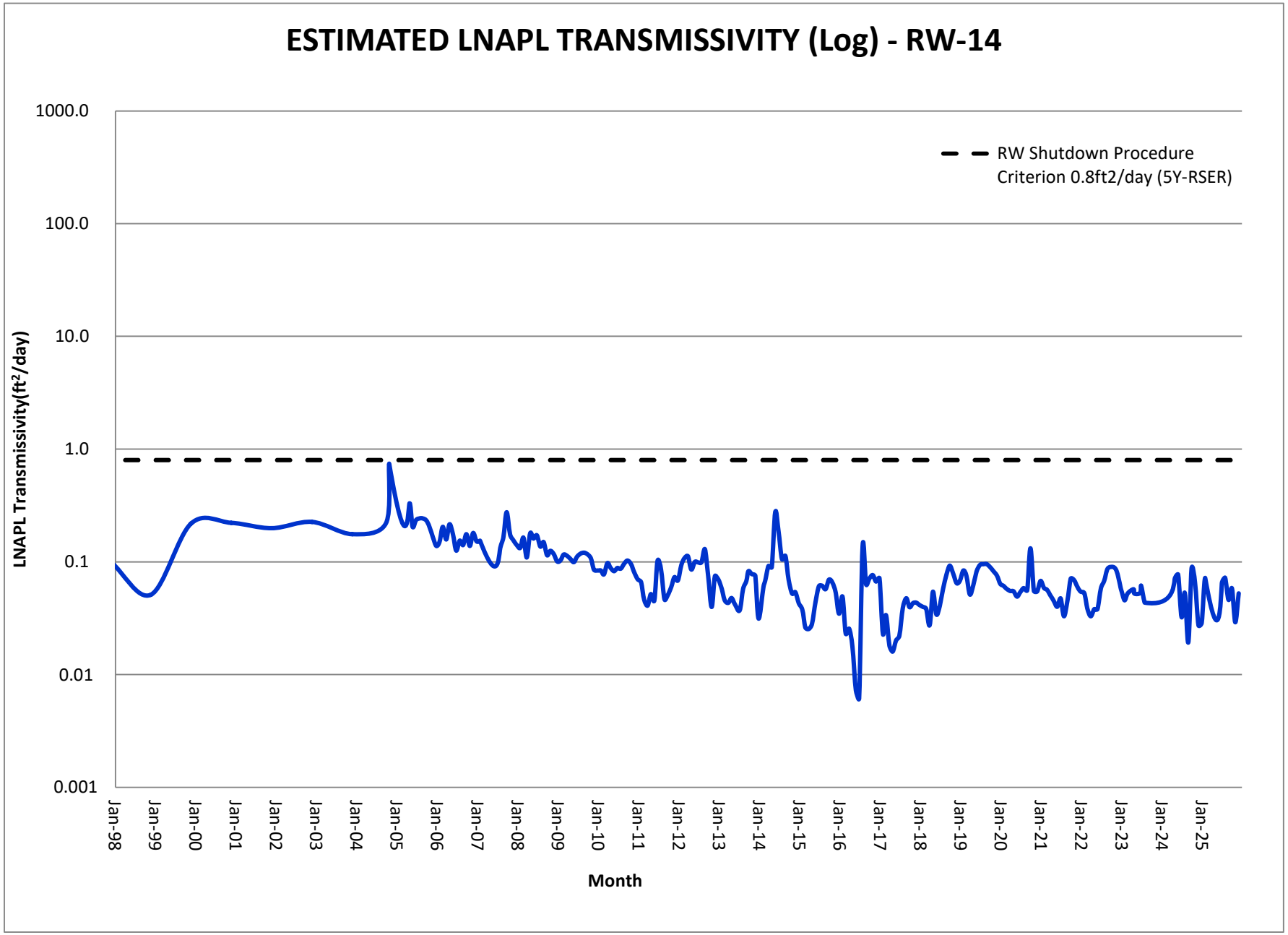


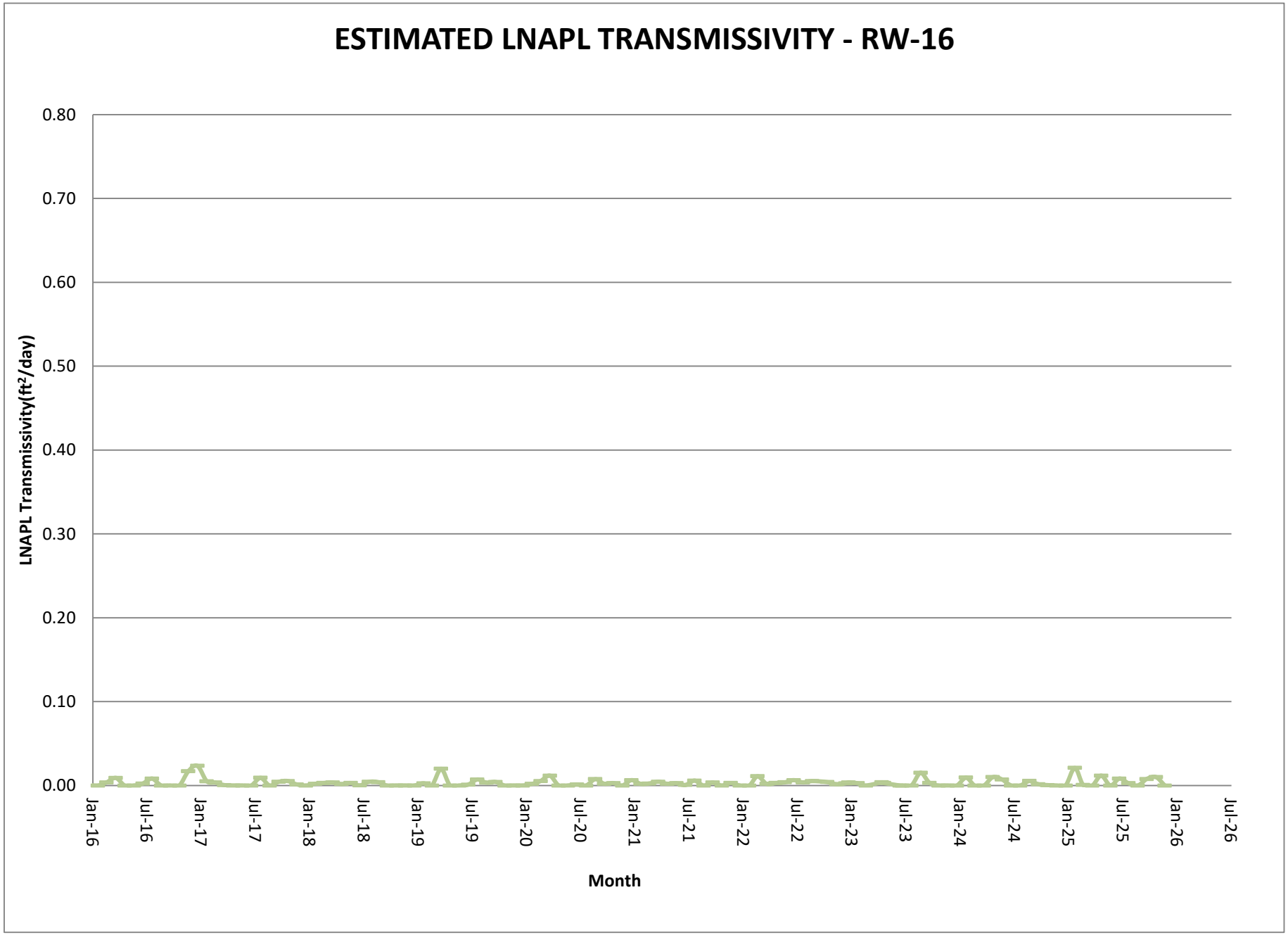
ROUX

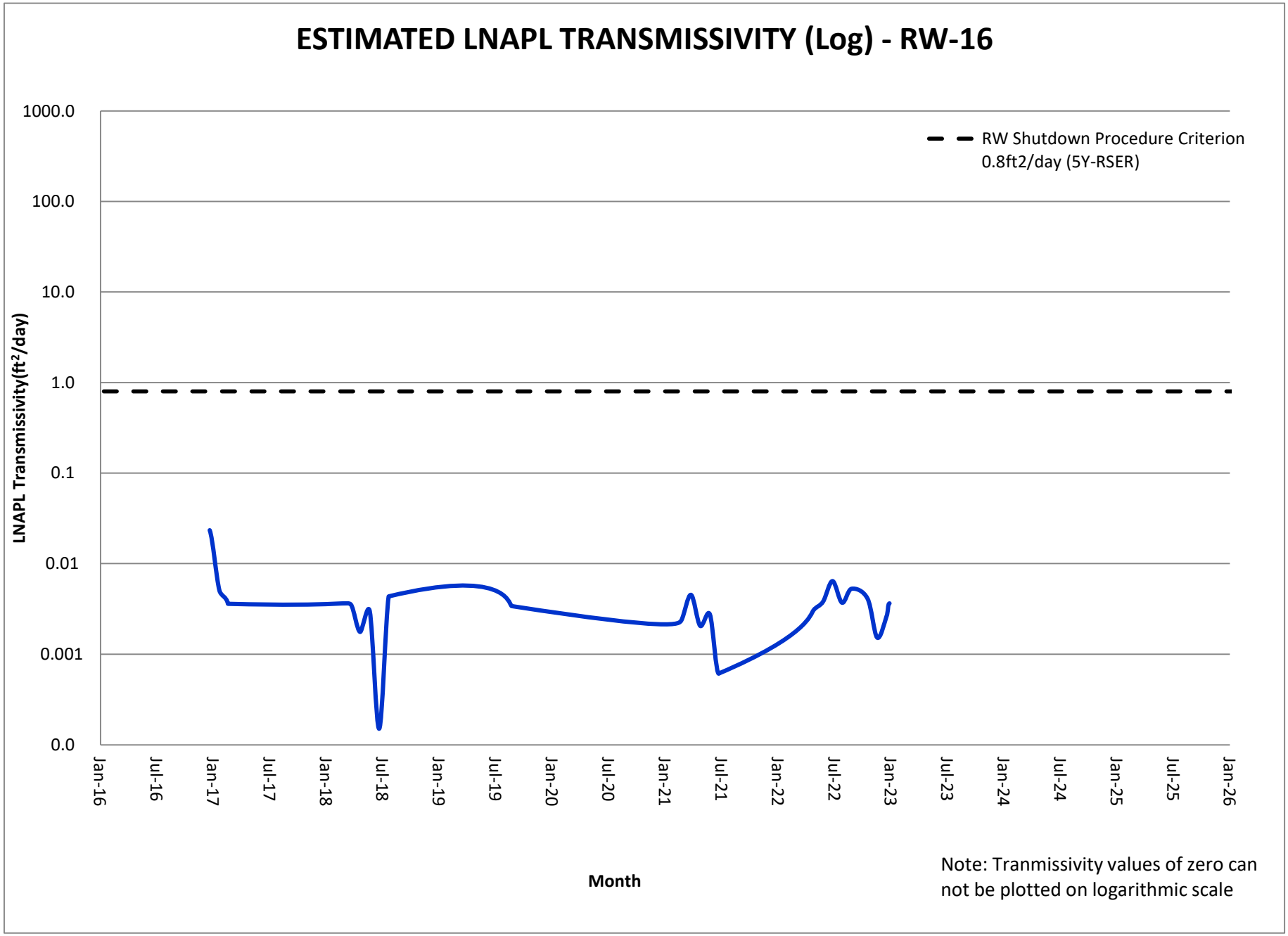
APPENDIX I

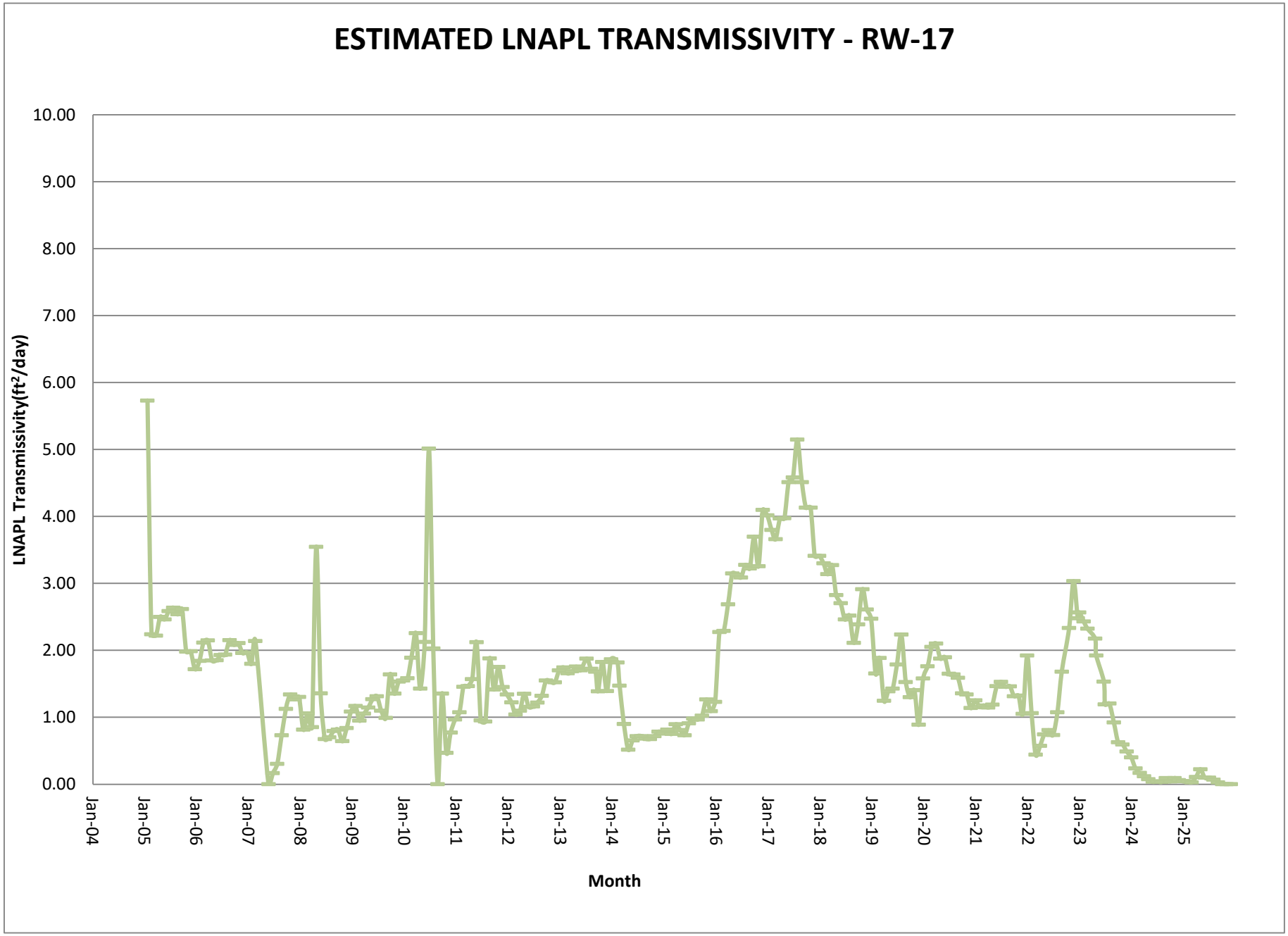
Site-wide LNAPL Transmissivity Trends – Recovery Well Operational Data

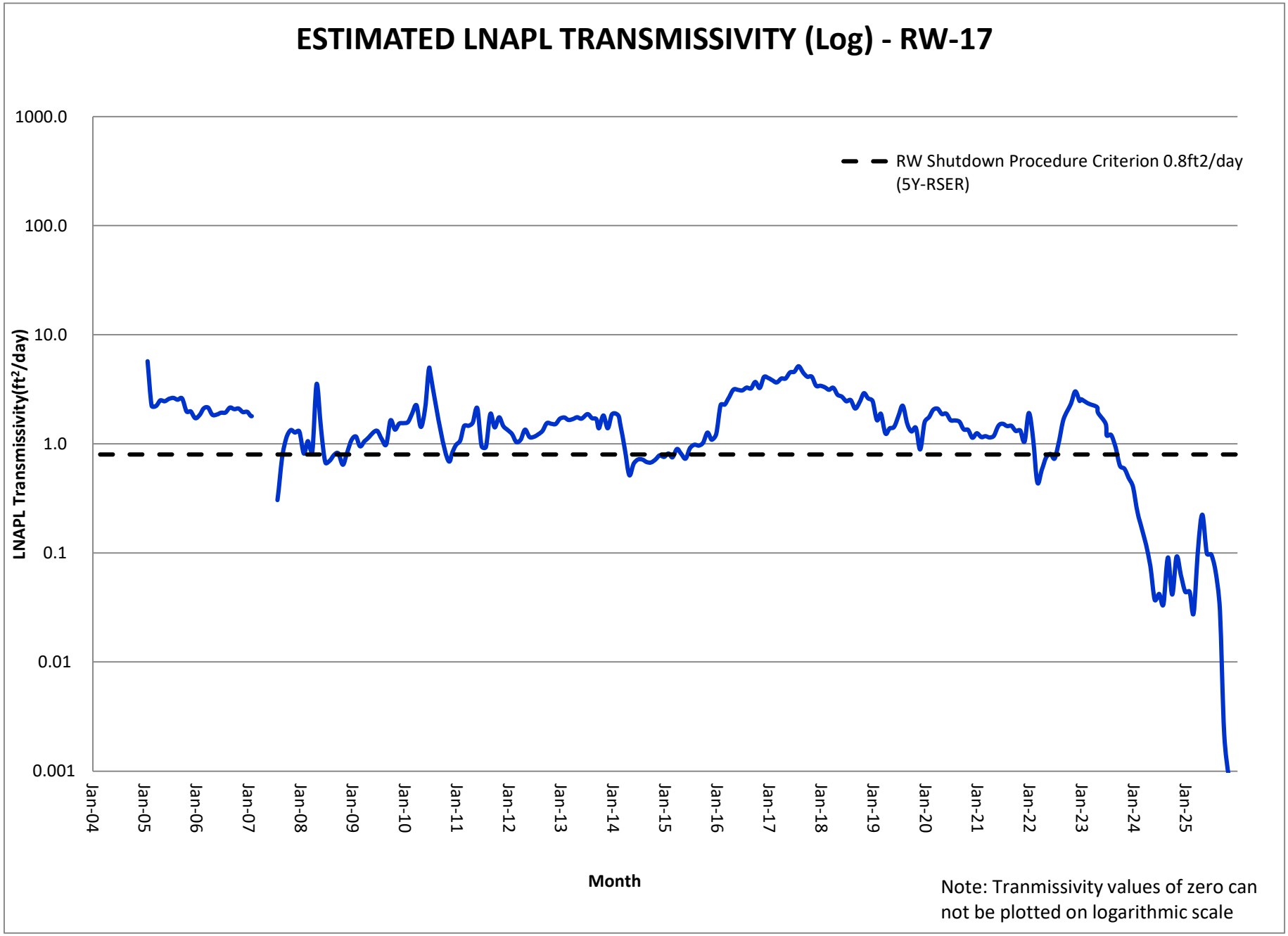

ESTIMATED LNAPL TRANSMISSIVITY - RW-14
LNAPL Transmissivity(ft²/day)
1.0
0.8
0.6
0.4
0.2
0.0
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

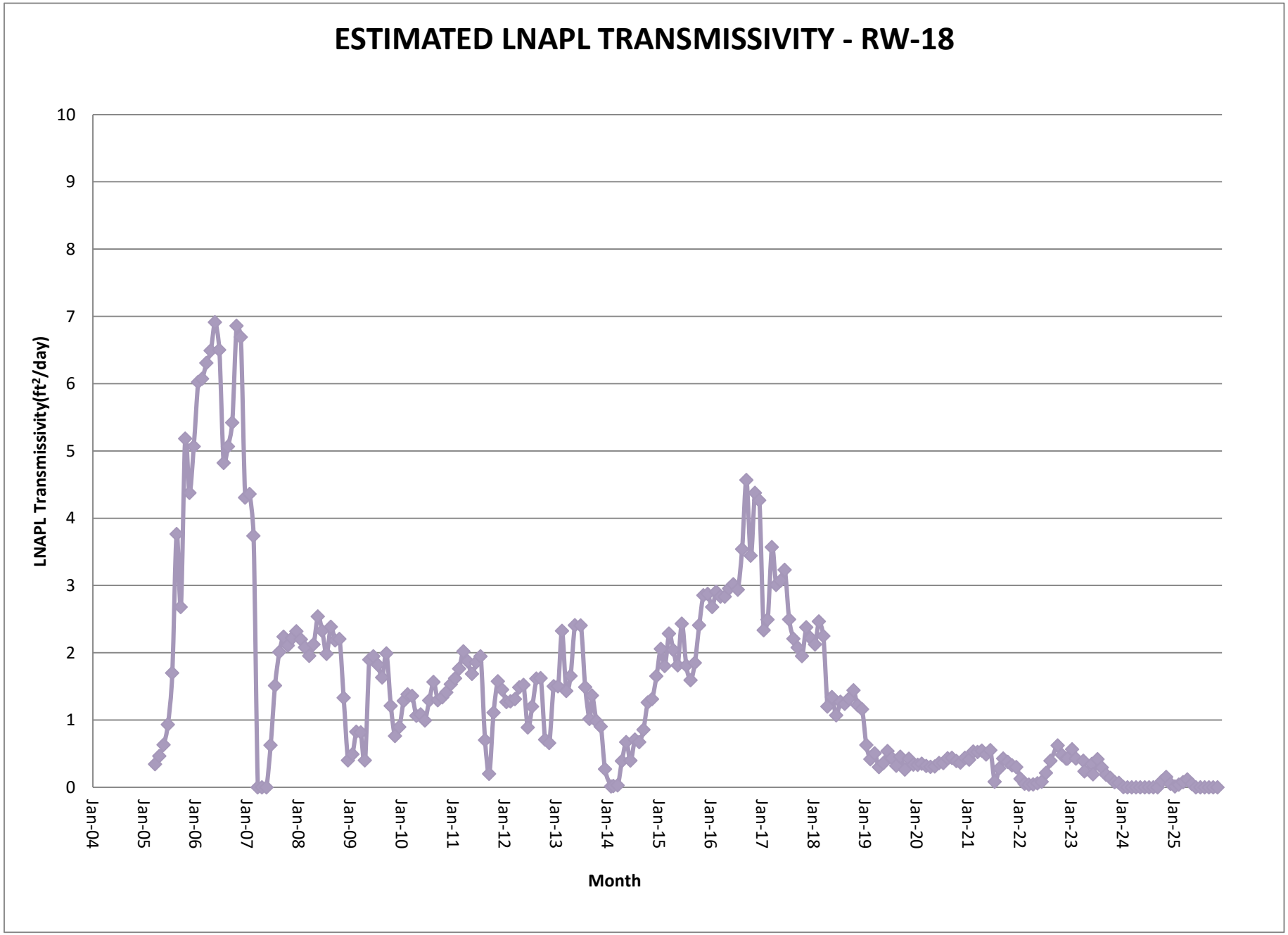

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-14
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

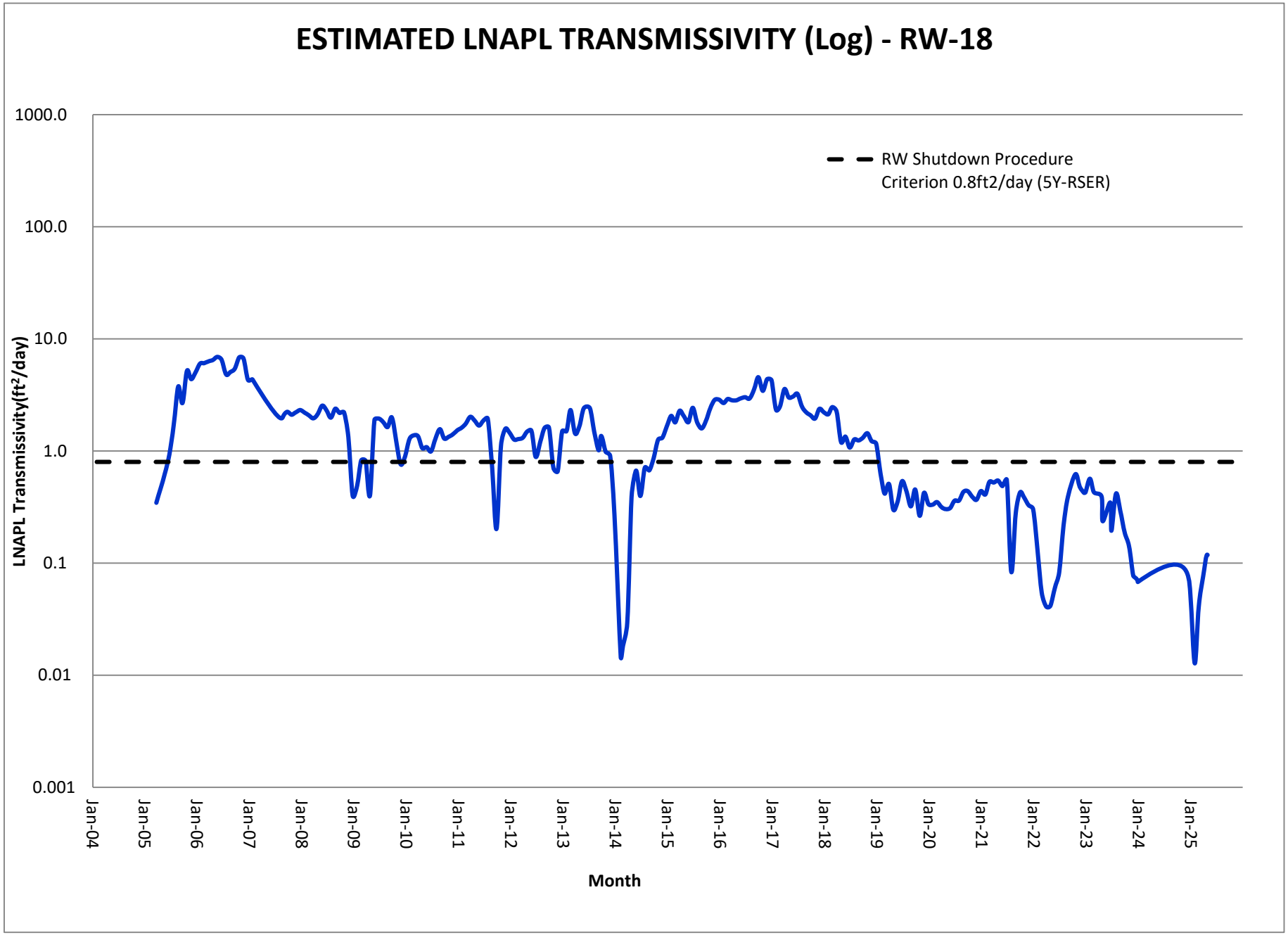

ESTIMATED LNAPL TRANSMISSIVITY - RW-16
LNAPL Transmissivity(ft²/day)
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Jan-16
Jul-16
Jan-17
Jul-17
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Jan-26
Jul-26
Month

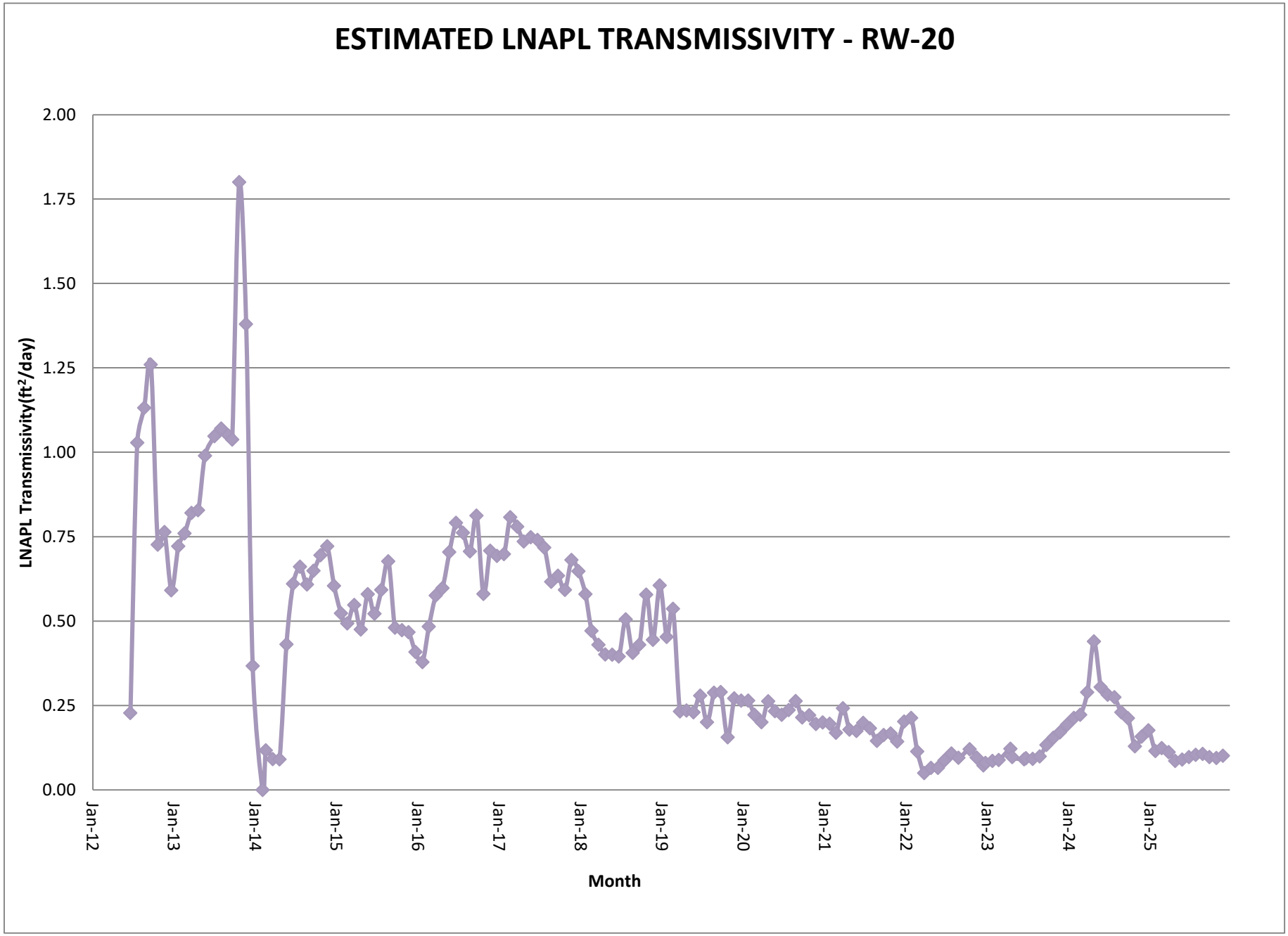

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-16
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
0.0
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure Criterion
0.8ft2/day (5Y-RSER)
Jan-16
Jul-16
Jan-17
Jul-17
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Jan-26
Month
Note: Tranmissivity values of zero can not be plotted on logarithmic scale

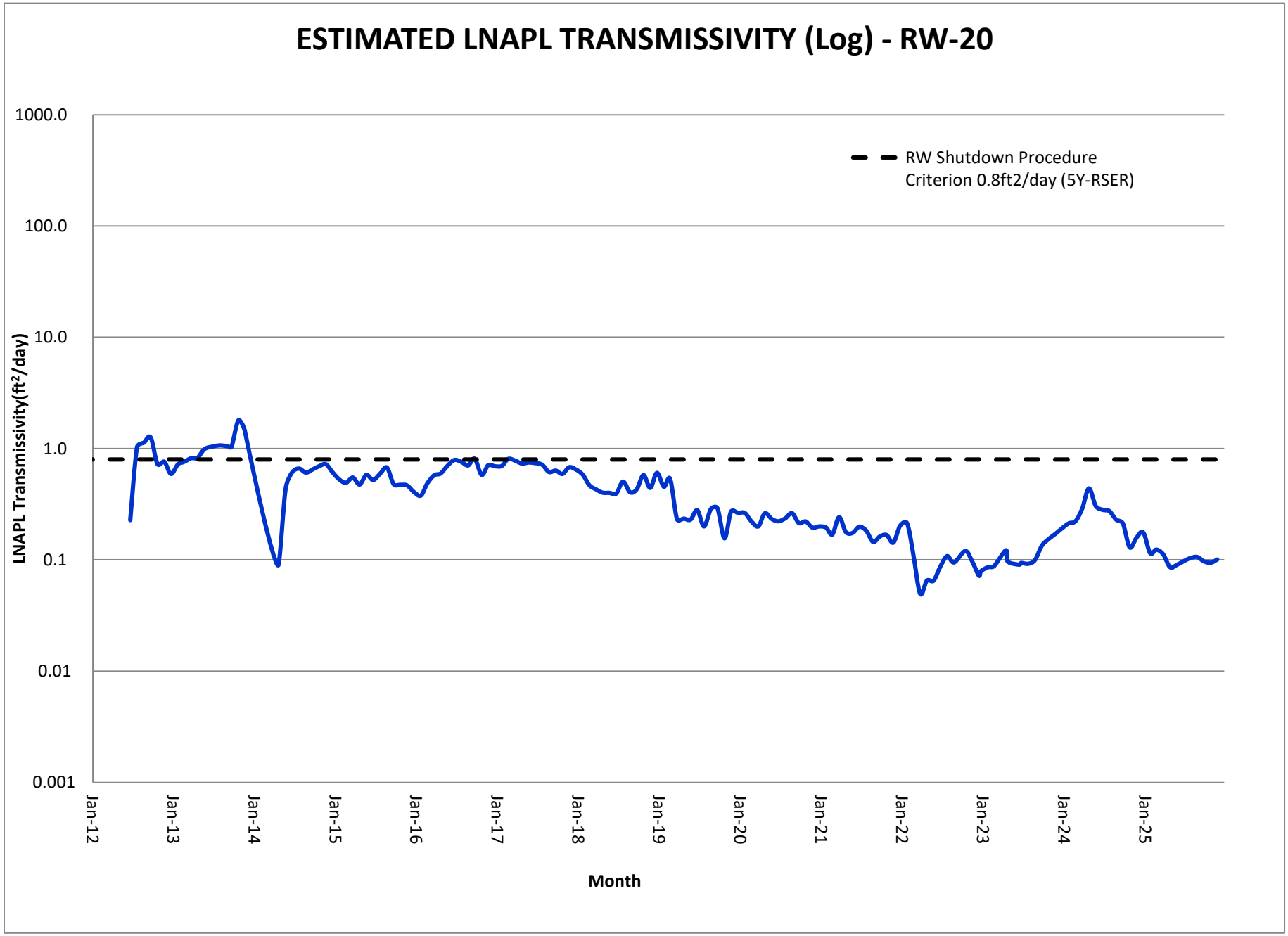

ESTIMATED LNAPL TRANSMISSIVITY - RW-17
LNAPL Transmissivity(ft²/day)
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

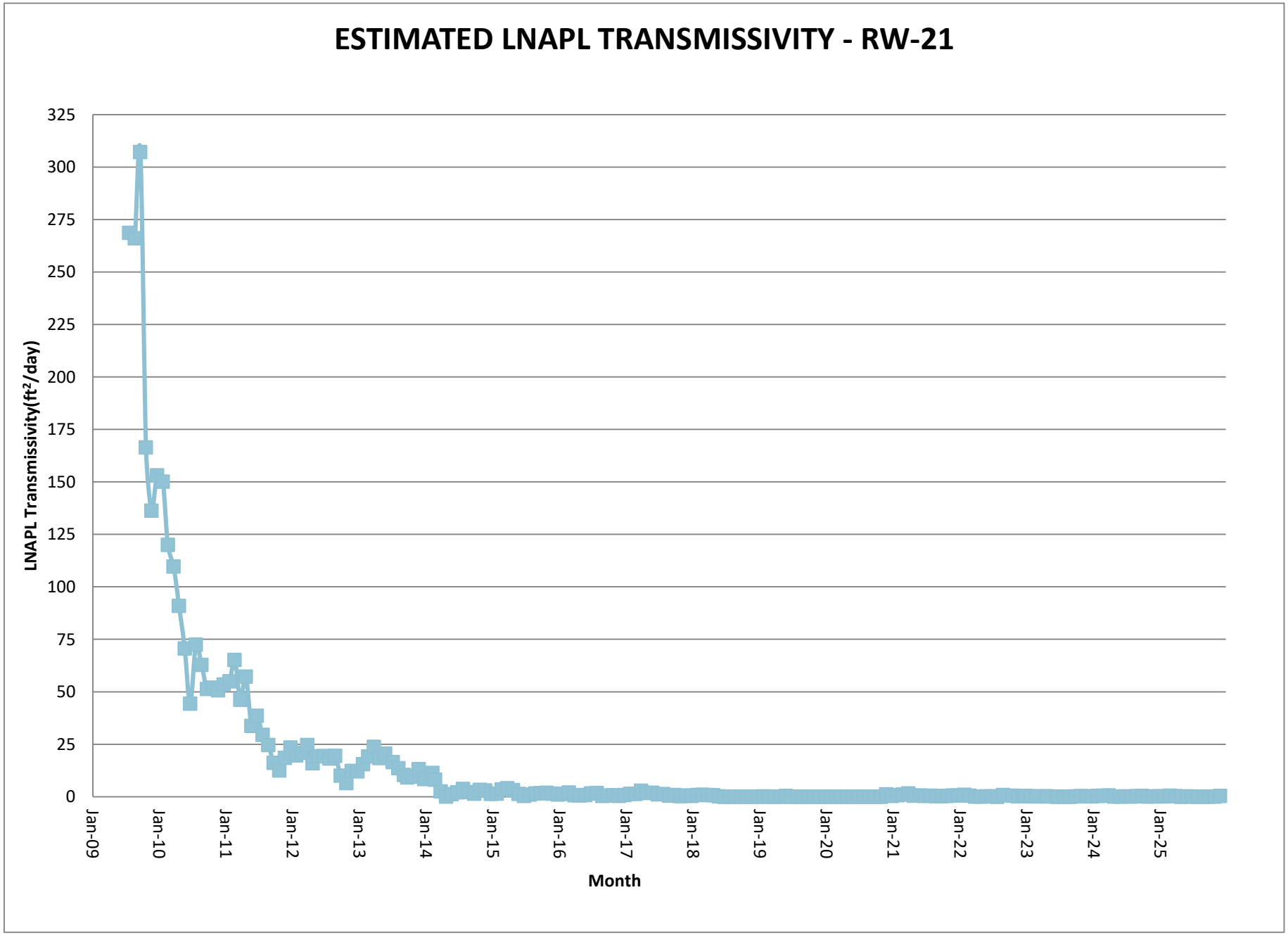

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-17
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure Criterion 0.8ft2/day (5Y-RSER)
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month
Note: Tranmissivity values of zero can not be plotted on logarithmic scale

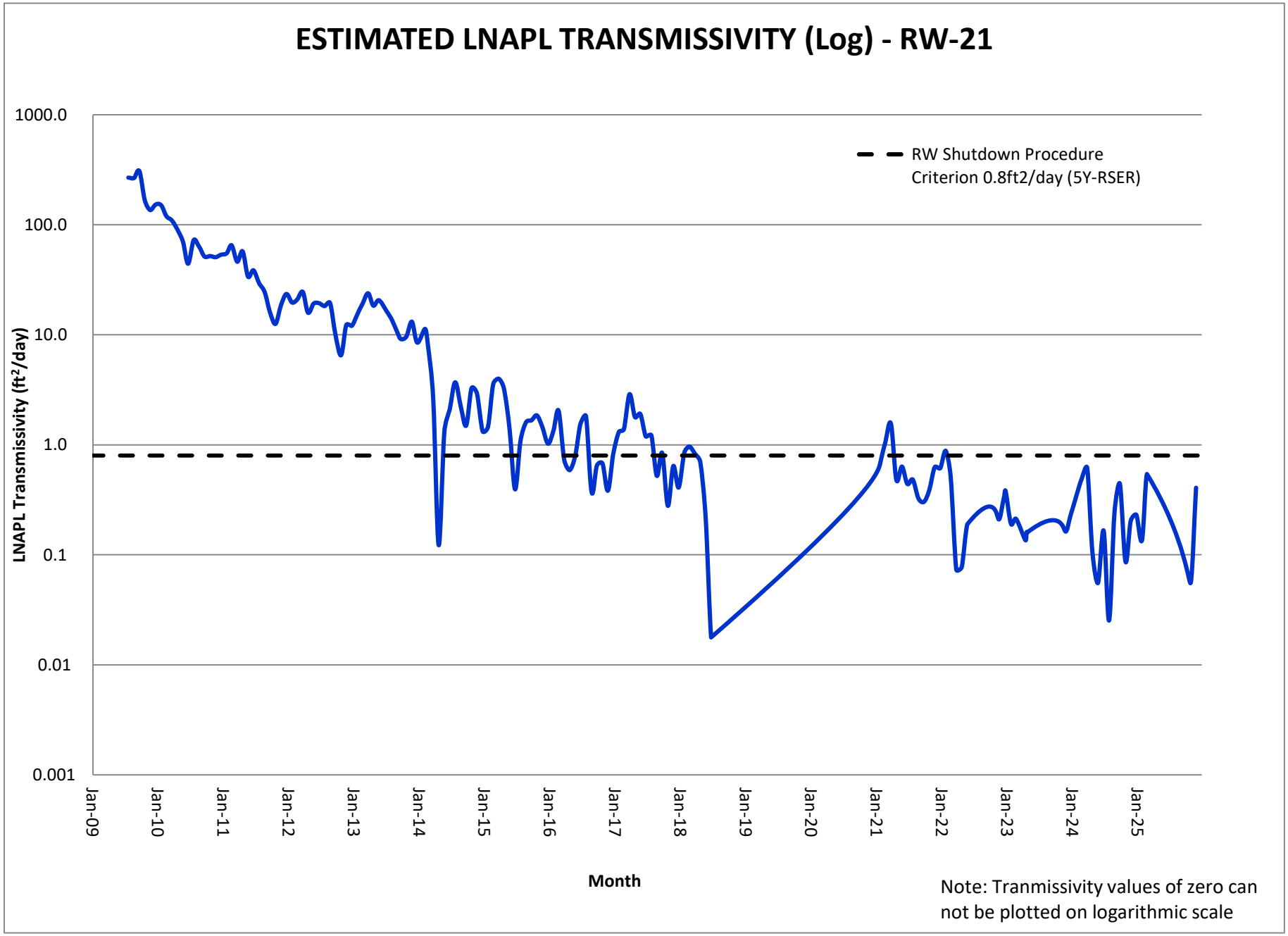

ESTIMATED LNAPL TRANSMISSIVITY - RW-18
LNAPL Transmissivity(ft²/day)
10
9
8
7
6
5
4
3
2
1
0
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

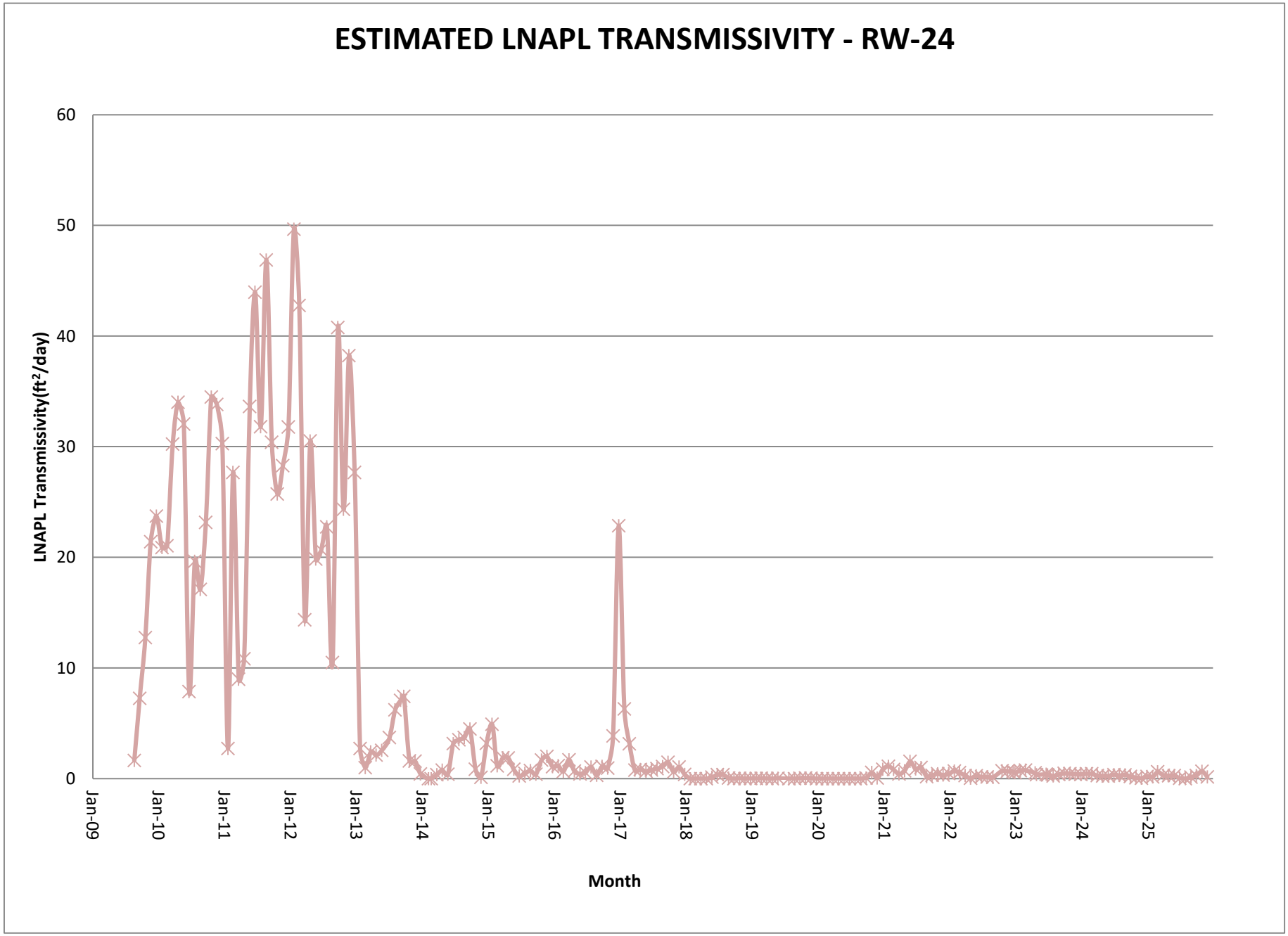

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-18
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

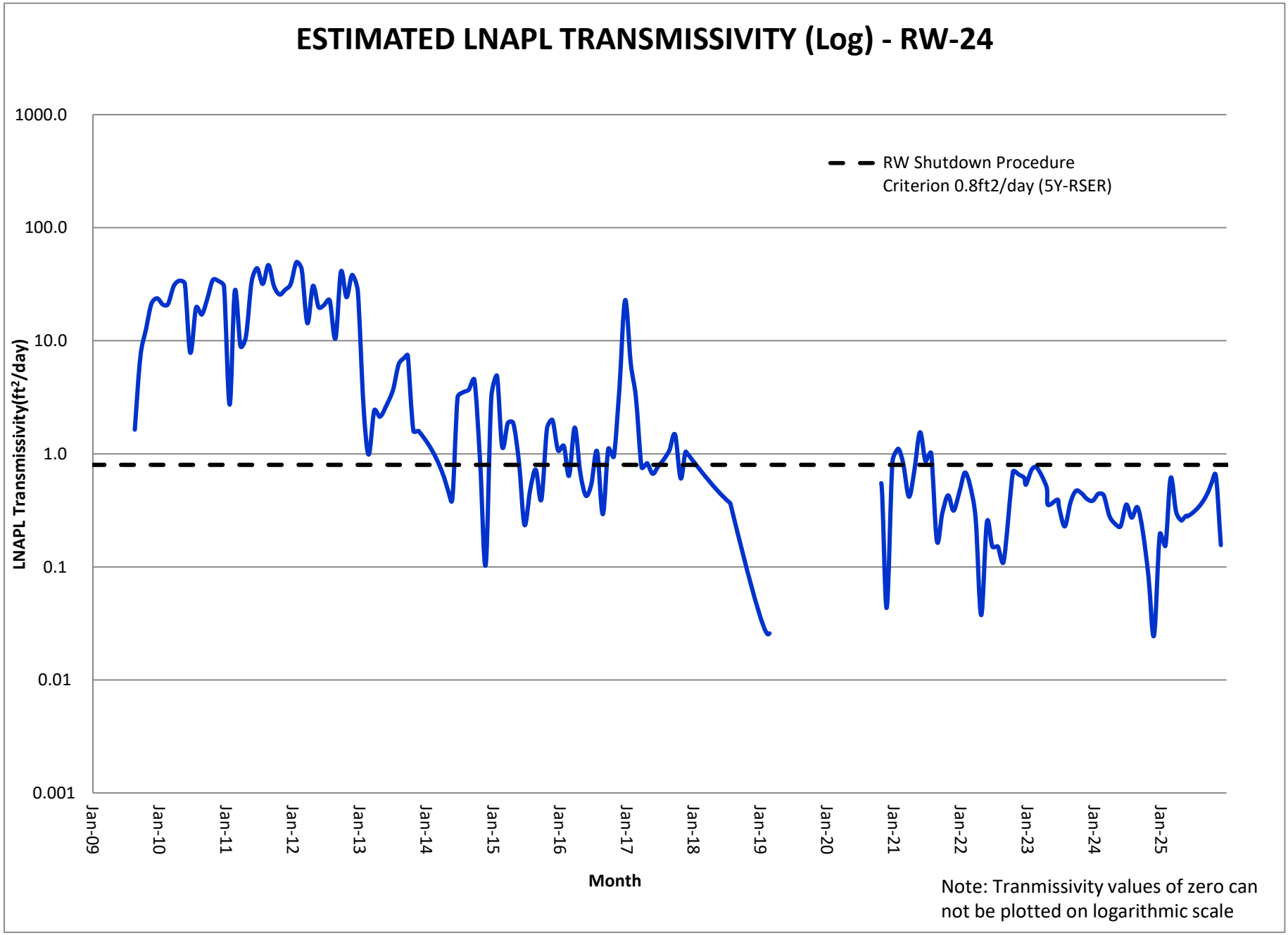

ESTIMATED LNAPL TRANSMISSIVITY - RW-20
LNAPL Transmissivity(ft²/day)
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

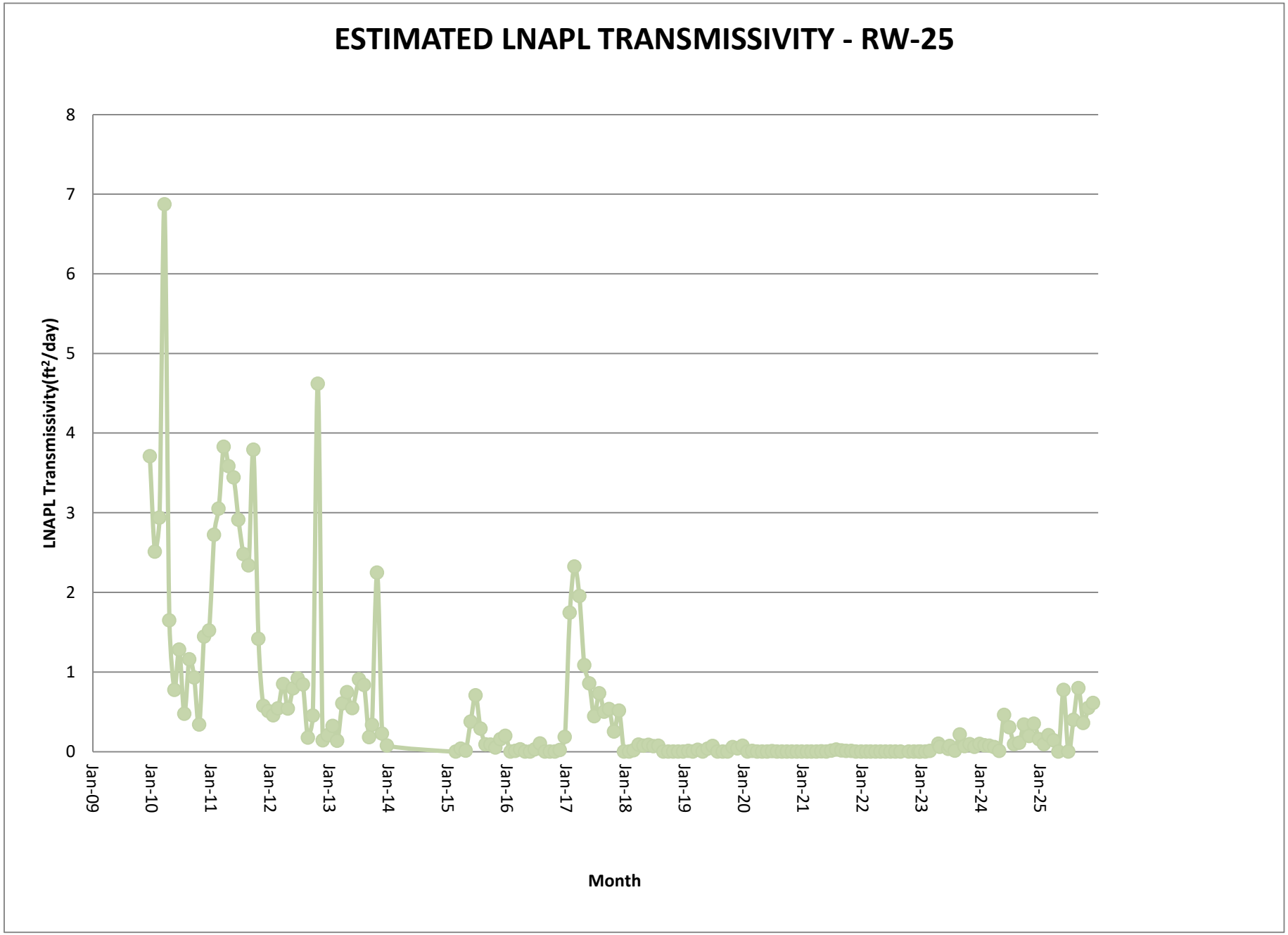

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-20
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

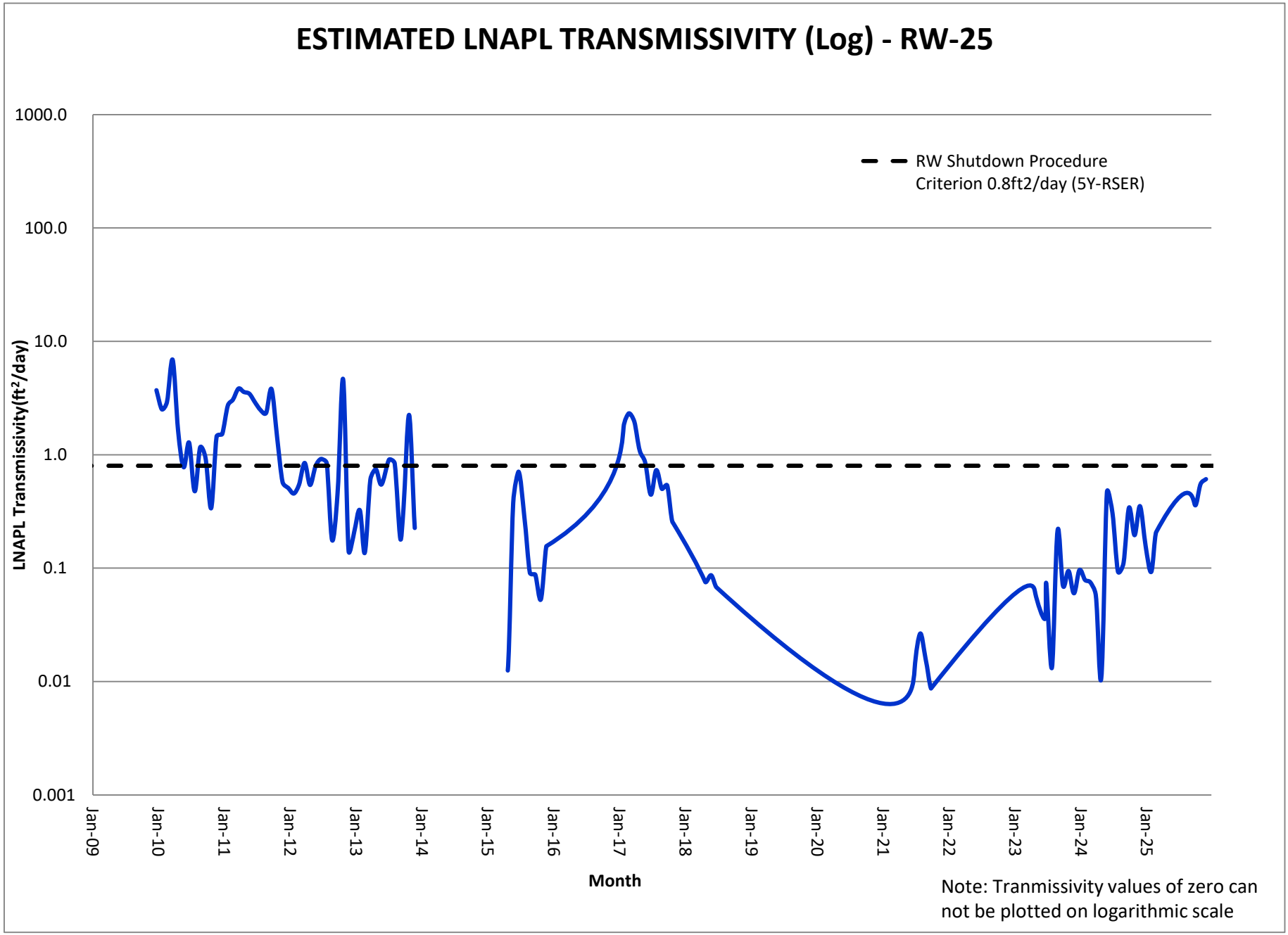

ESTIMATED LNAPL TRANSMISSIVITY - RW-21
LNAPL Transmissivity(ft²/day)
325
300
275
250
225
200
175
150
125
100
75
50
25
0
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

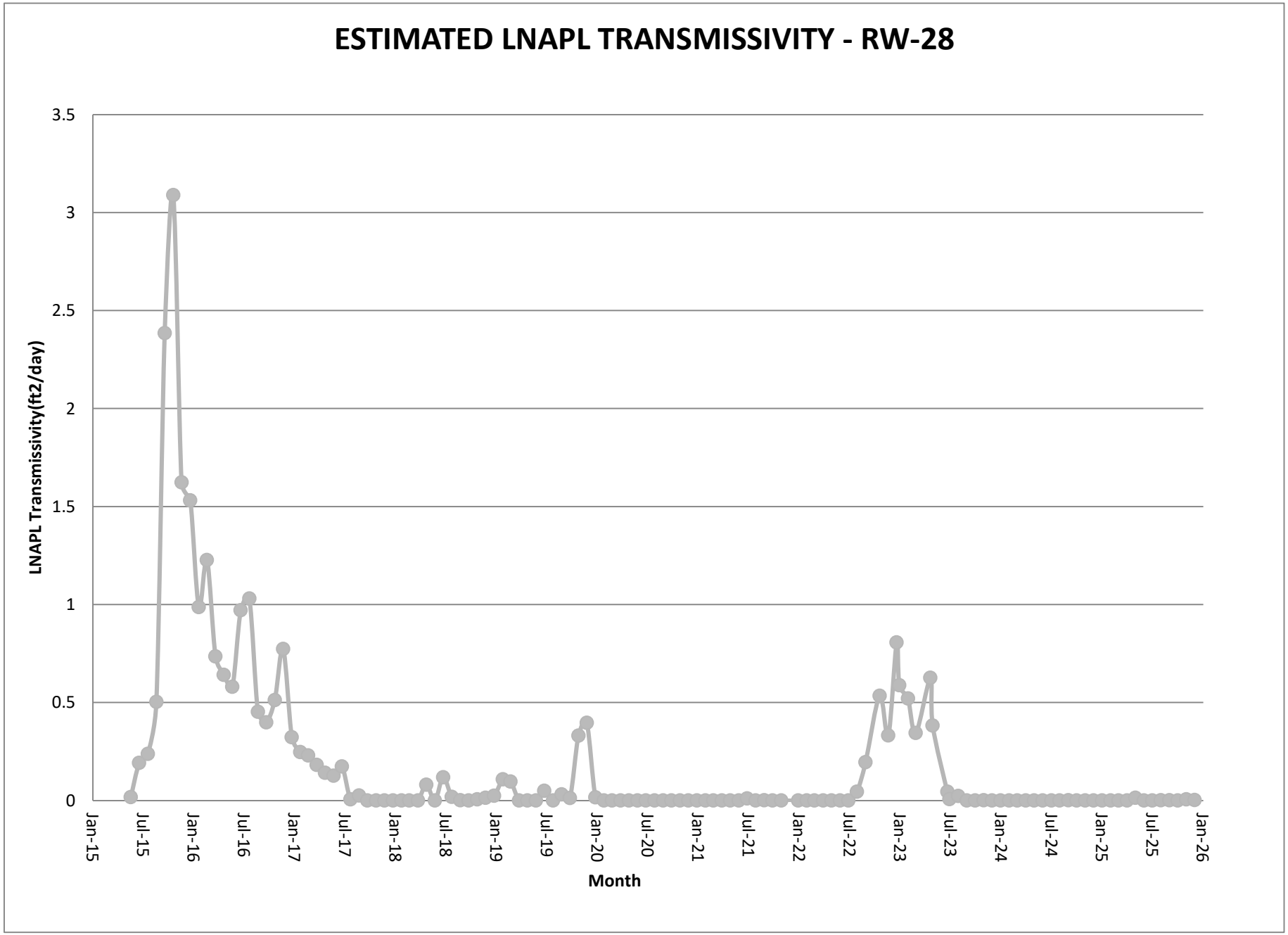

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-21
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity (ft²/day)
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month
Note: Tranmissivity values of zero can not be plotted on logarithmic scale

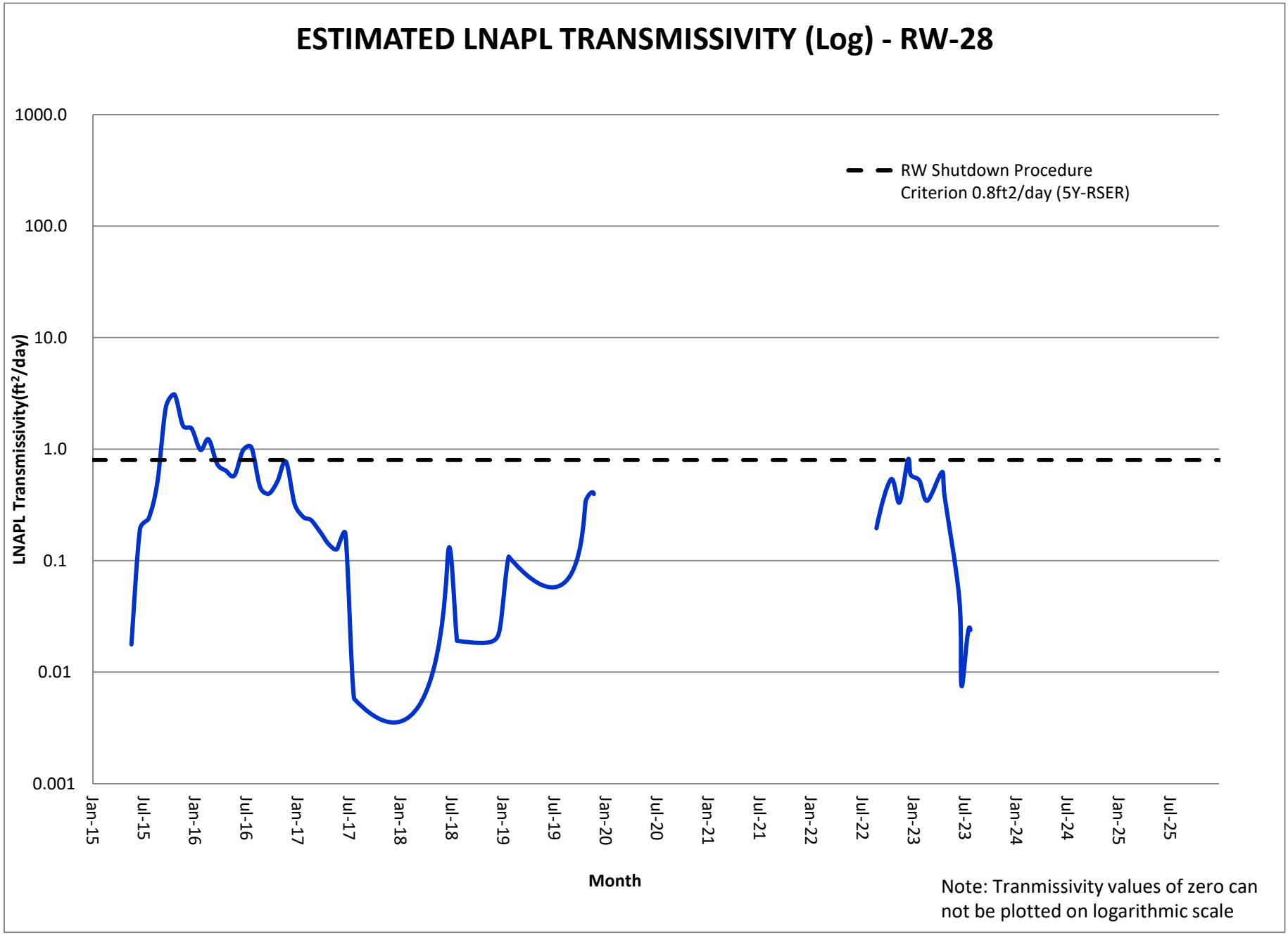

ESTIMATED LNAPL TRANSMISSIVITY - RW-24
LNAPL Transmissivity(ft²/day)
60
50
40
30
20
10
0
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

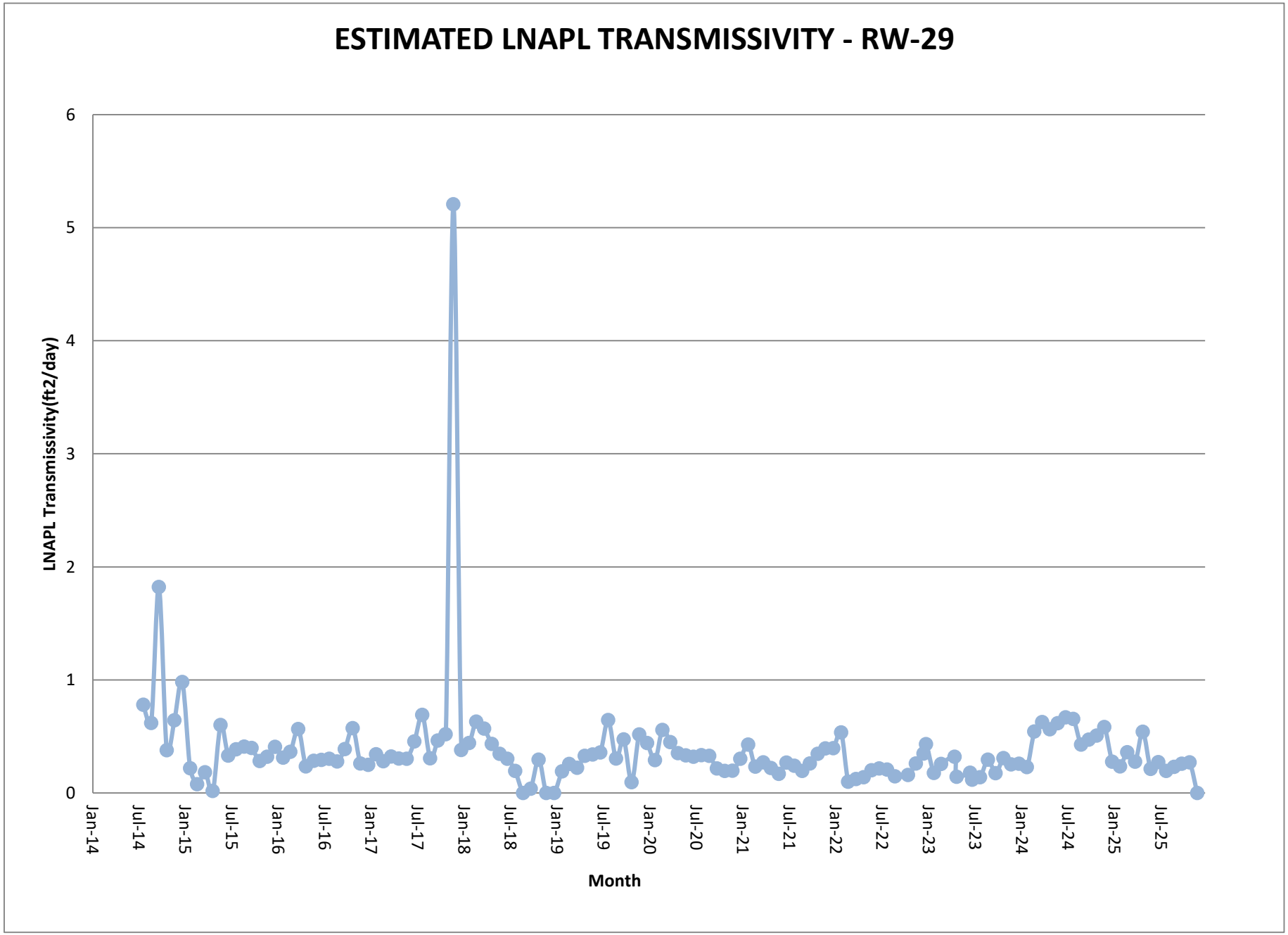

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-24
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month
Note: Tranmissivity values of zero can not be plotted on logarithmic scale

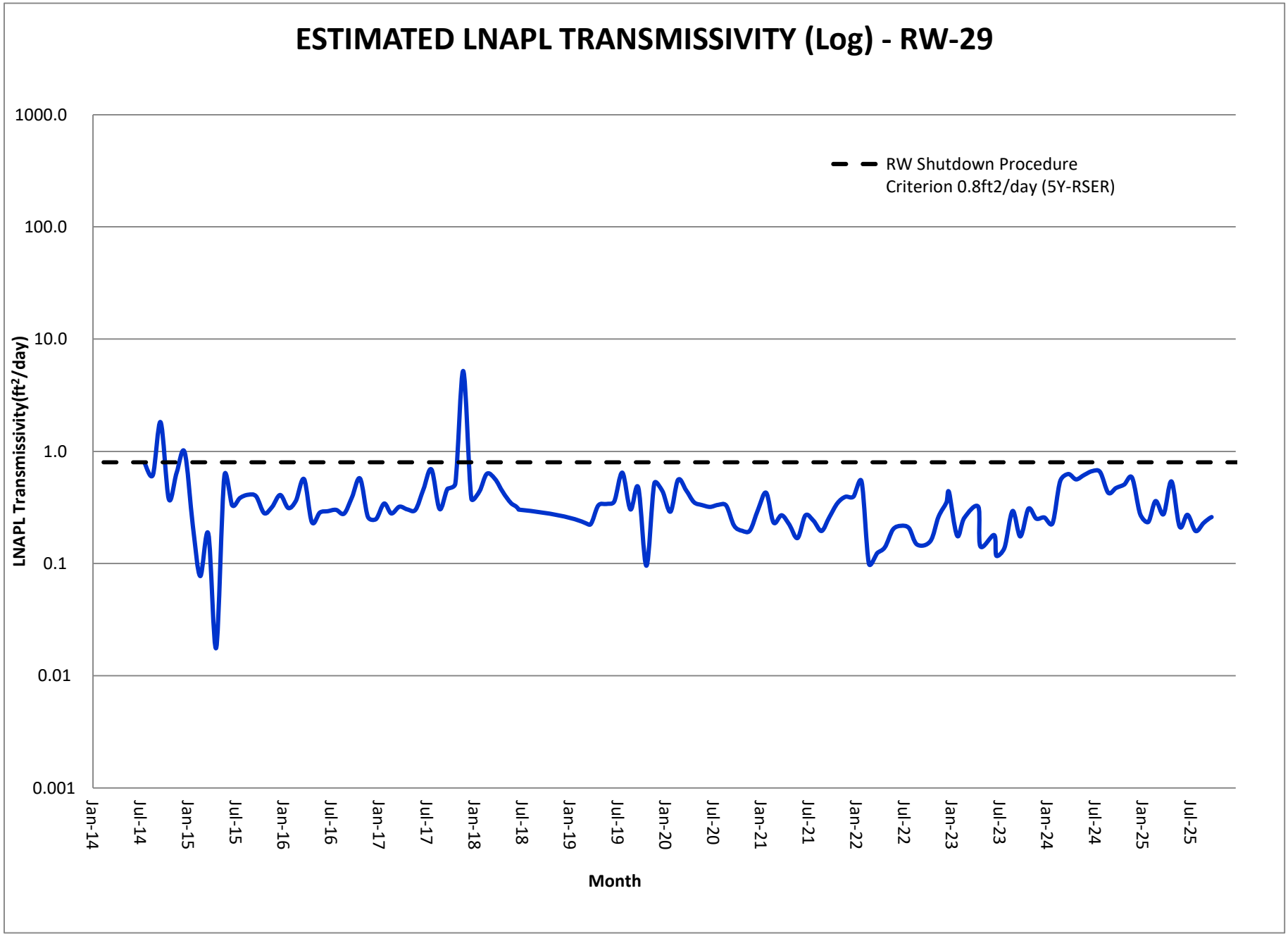

ESTIMATED LNAPL TRANSMISSIVITY - RW-25
LNAPL Transmissivity(ft²/day)
0
1
2
3
4
5
6
7
8
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

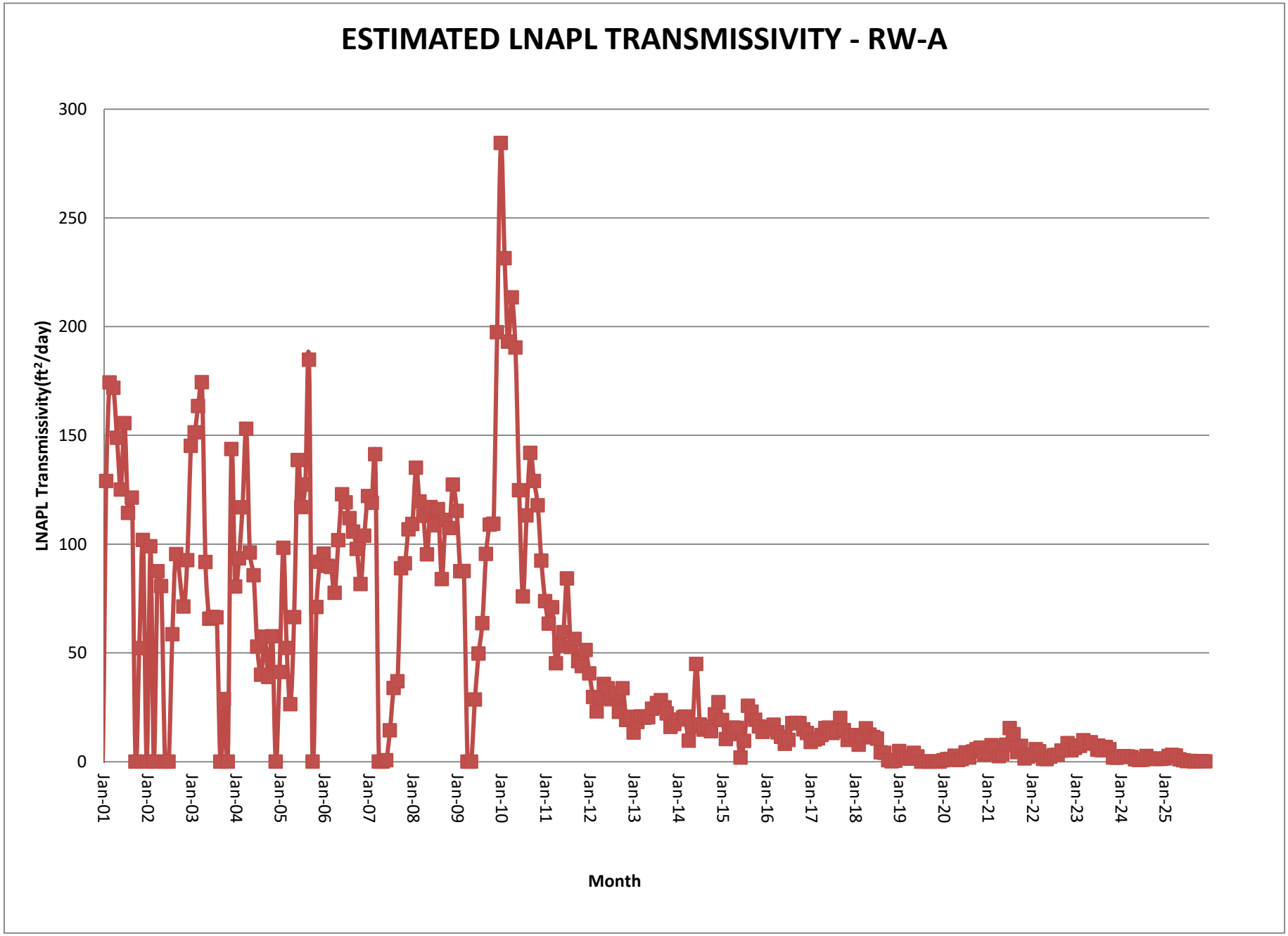

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-25
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month
Note: Tranmissivity values of zero can not be plotted on logarithmic scale

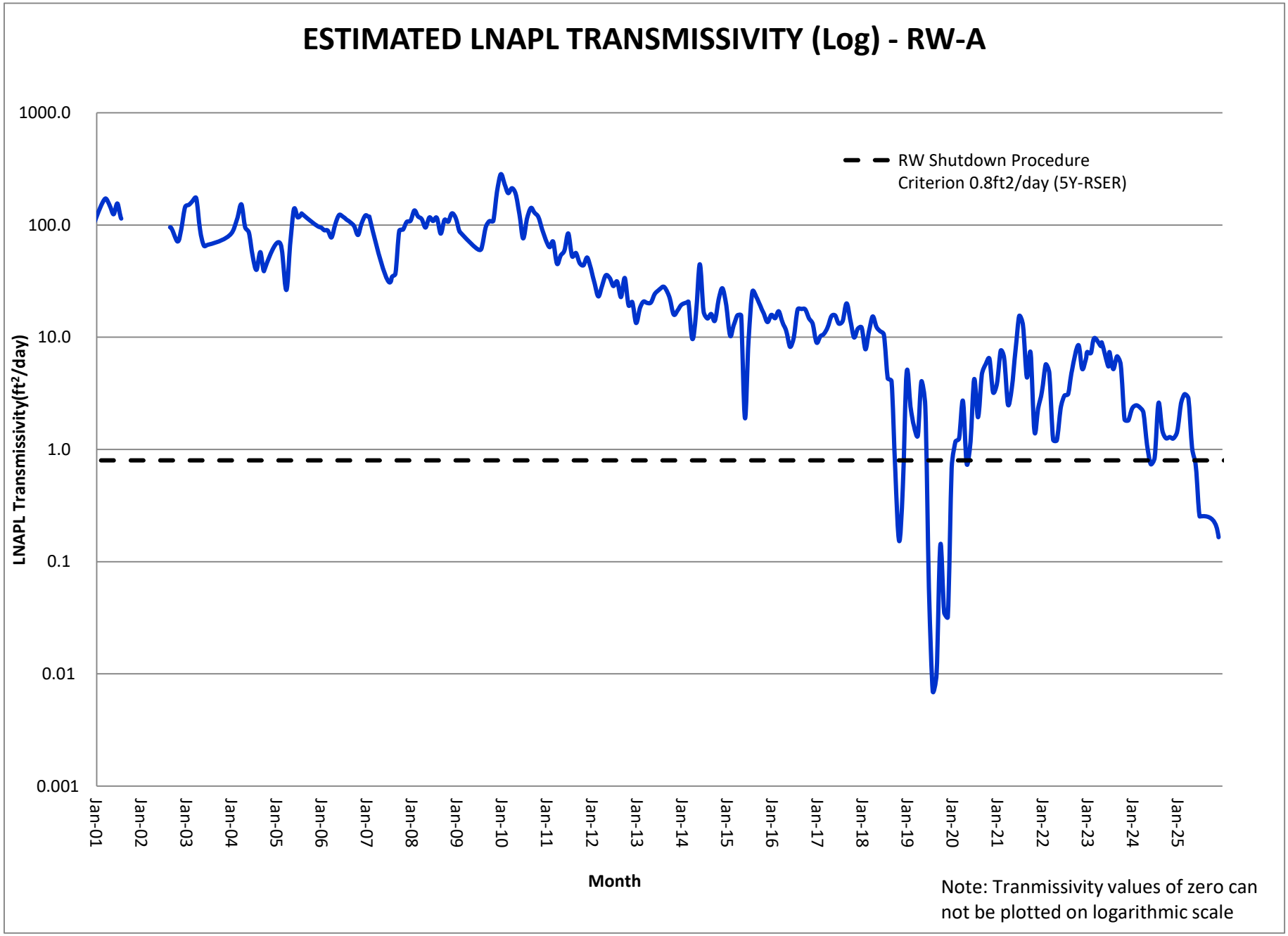

ESTIMATED LNAPL TRANSMISSIVITY - RW-28
LNAPL Transmissivity(ft2/day)
3.5
3
2.5
2
1.5
1
0.5
0
Jan-15
Jul-15
Jan-16
Jul-16
Jan-17
Jul-17
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Jan-26
Month

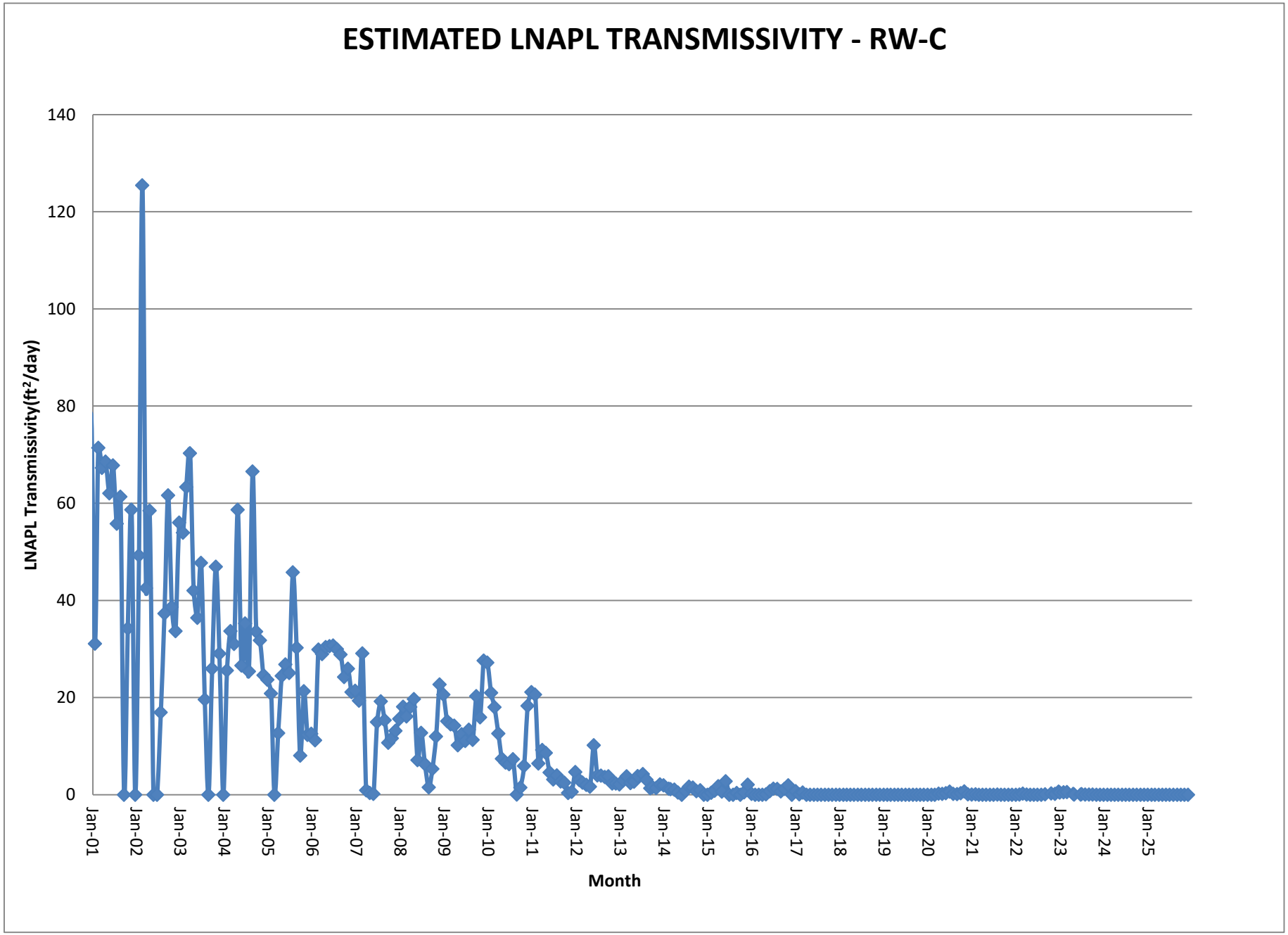

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-28
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-15
Jul-15
Jan-16
Jul-16
Jan-17
Jul-17
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Month
Note: Tranmissivity values of zero can not be plotted on logarithmic scale

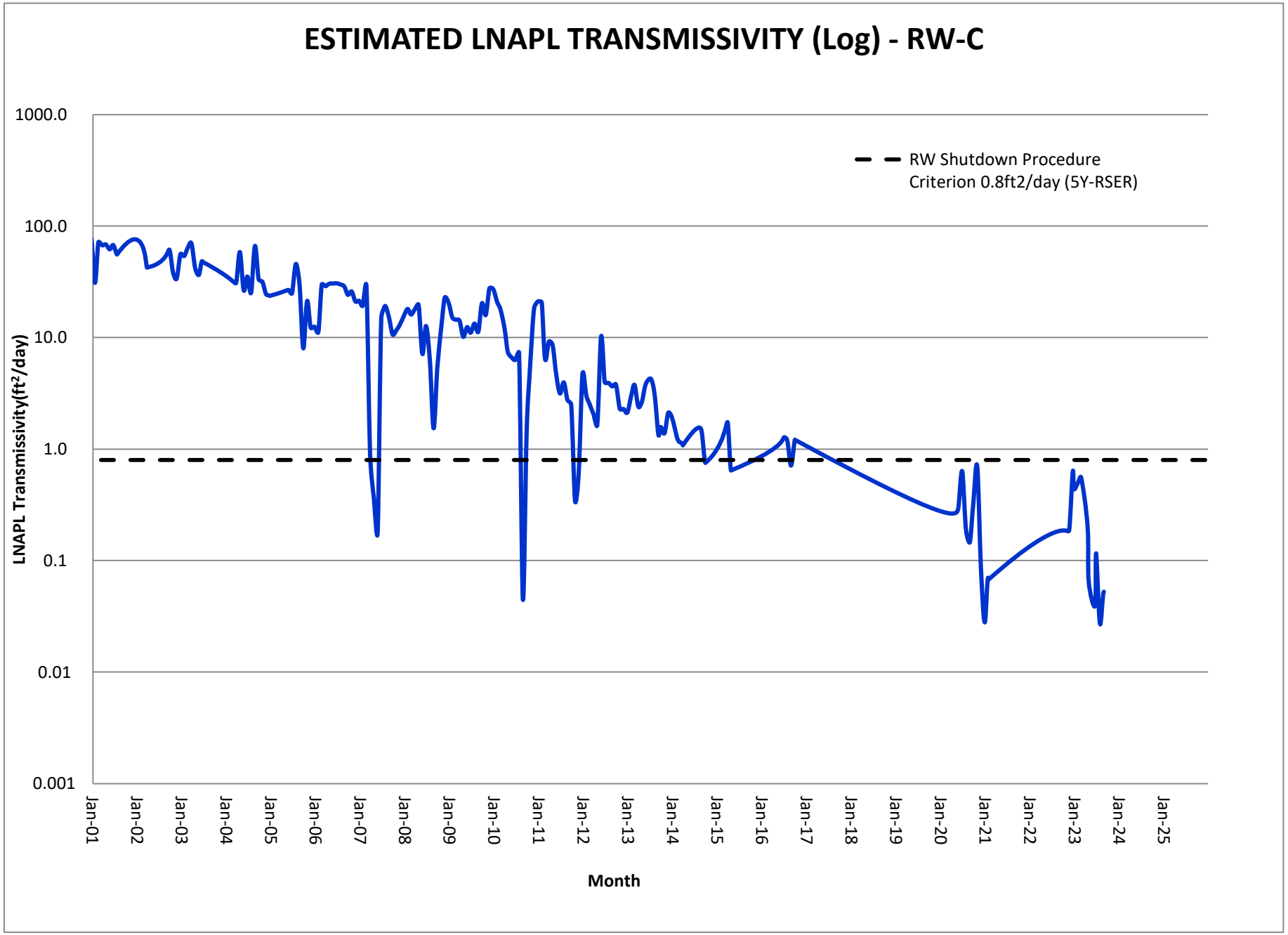

ESTIMATED LNAPL TRANSMISSIVITY - RW-29
LNAPL Transmissivity(ft2/day)
0
1
2
3
4
5
6
Jan-14
Jul-14
Jan-15
Jul-15
Jan-16
Jul-16
Jan-17
Jul-17
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Month

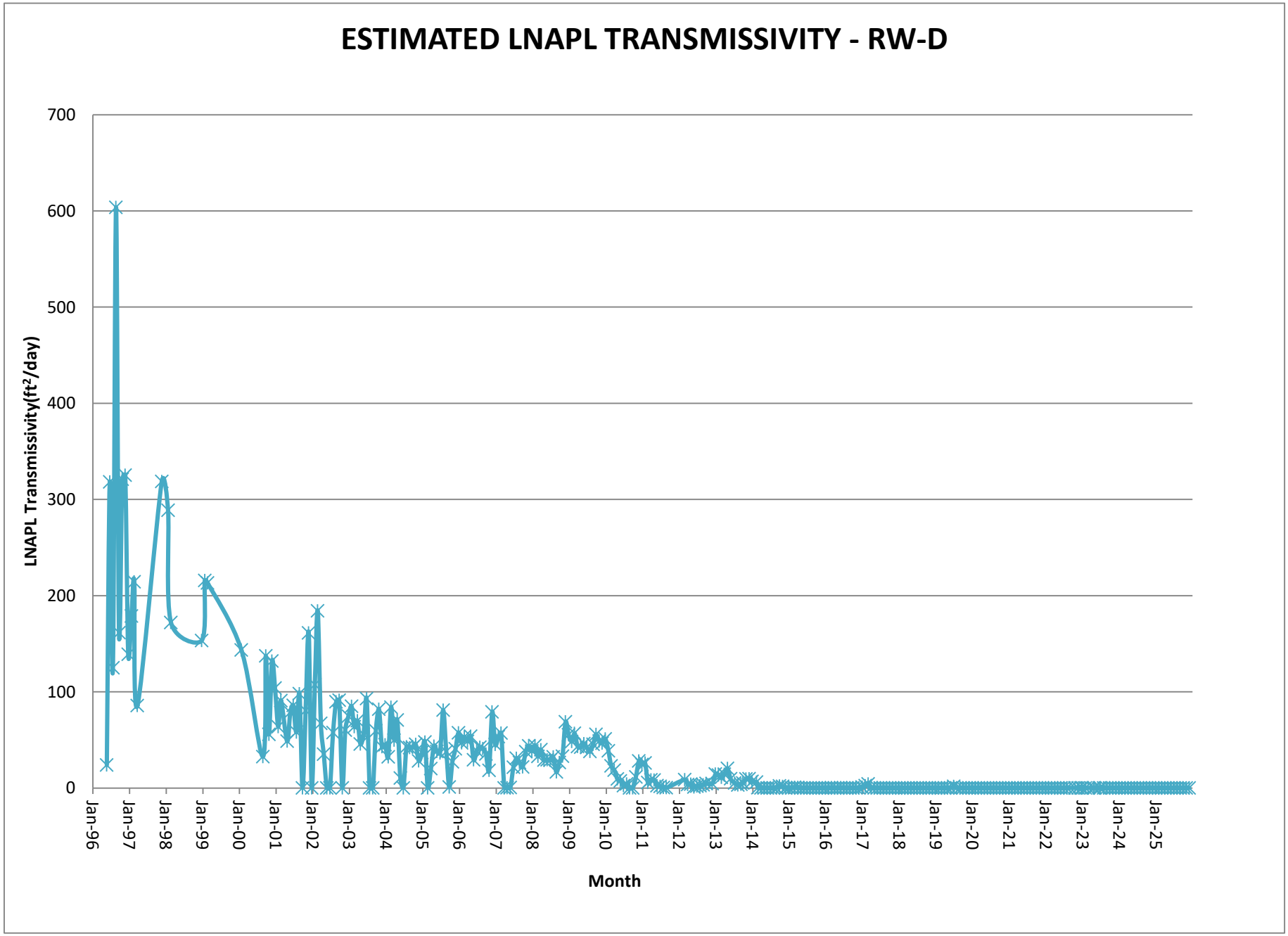

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-29
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-14
Jul-14
Jan-15
Jul-15
Jan-16
Jul-16
Jan-17
Jul-17
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Month

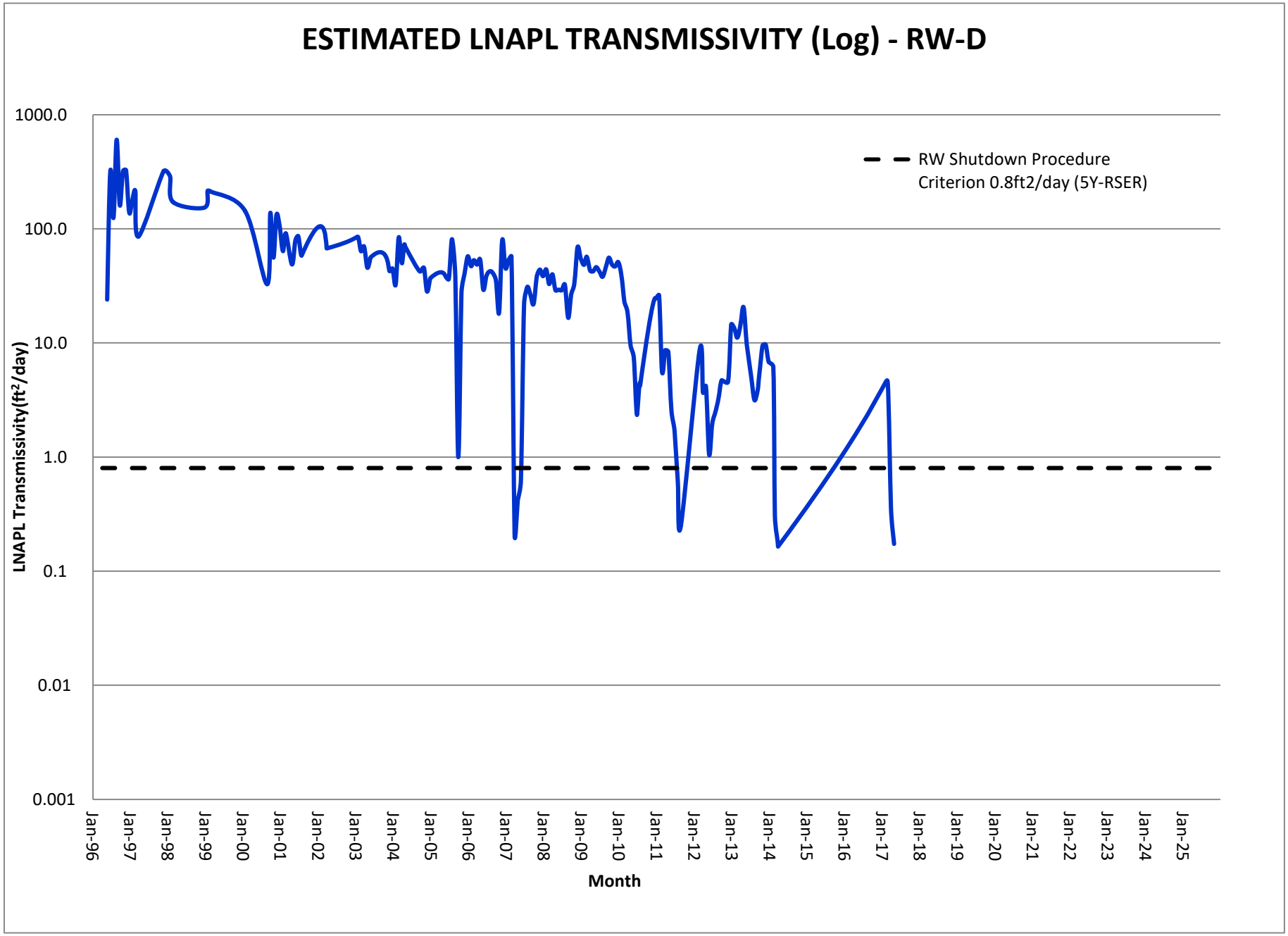

ESTIMATED LNAPL TRANSMISSIVITY - RW-A
LNAPL Transmissivity(ft²/day)
300
250
200
150
100
50
0
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

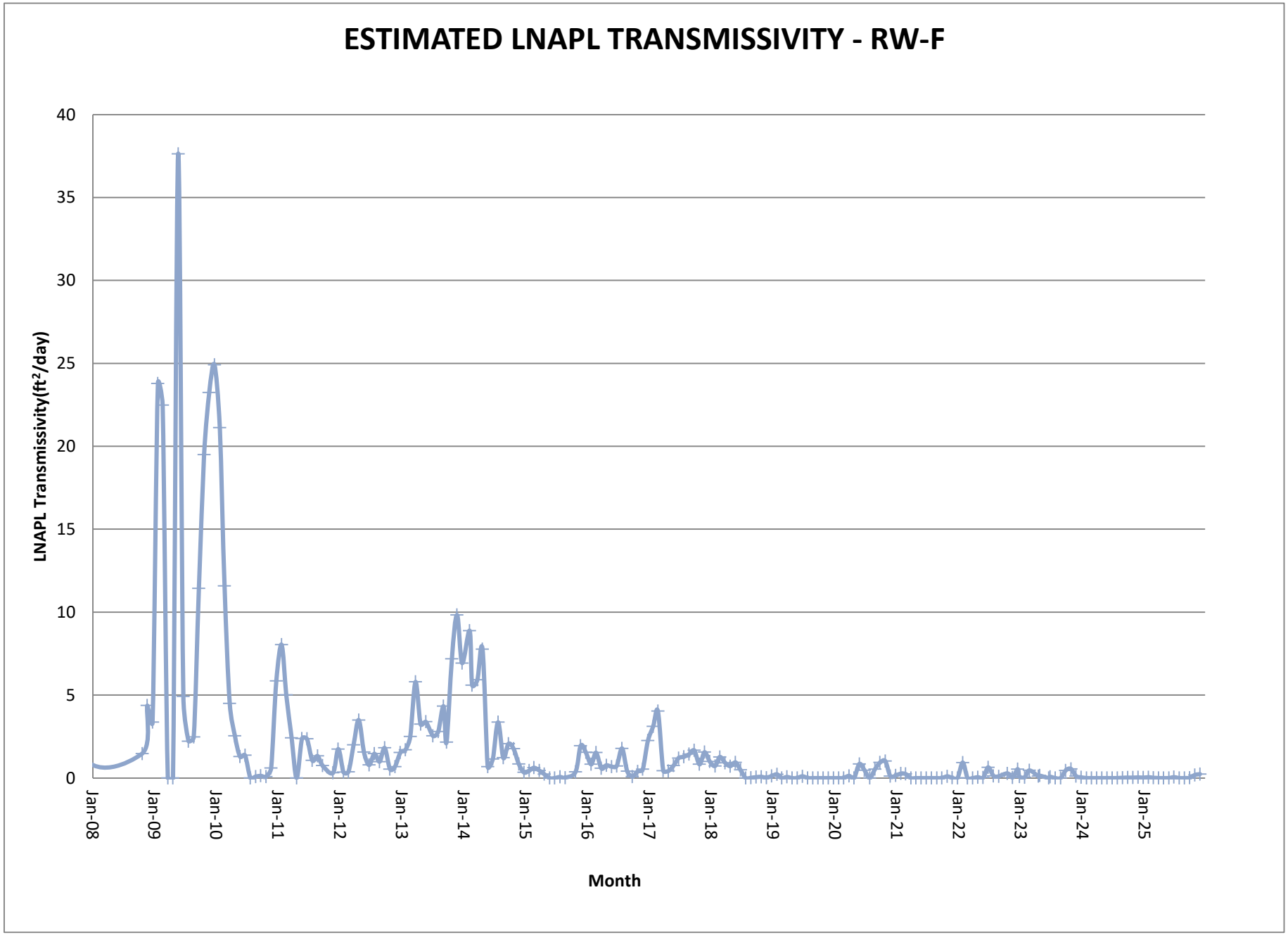

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-A
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month
Note: Tranmissivity values of zero can not be plotted on logarithmic scale

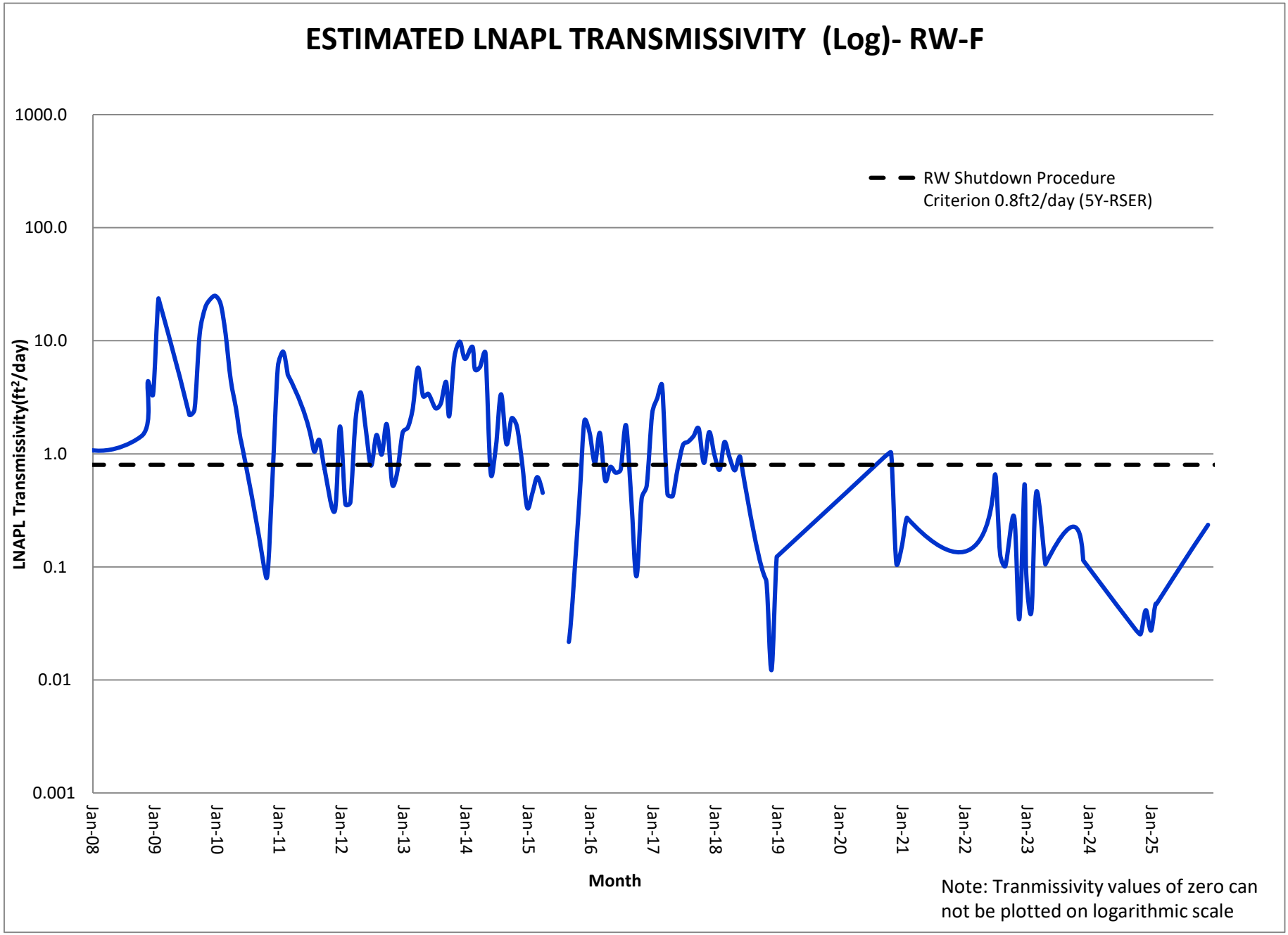

ESTIMATED LNAPL TRANSMISSIVITY - RW-C
LNAPL Transmissivity(ft²/day)
140
120
100
80
60
40
20
0
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

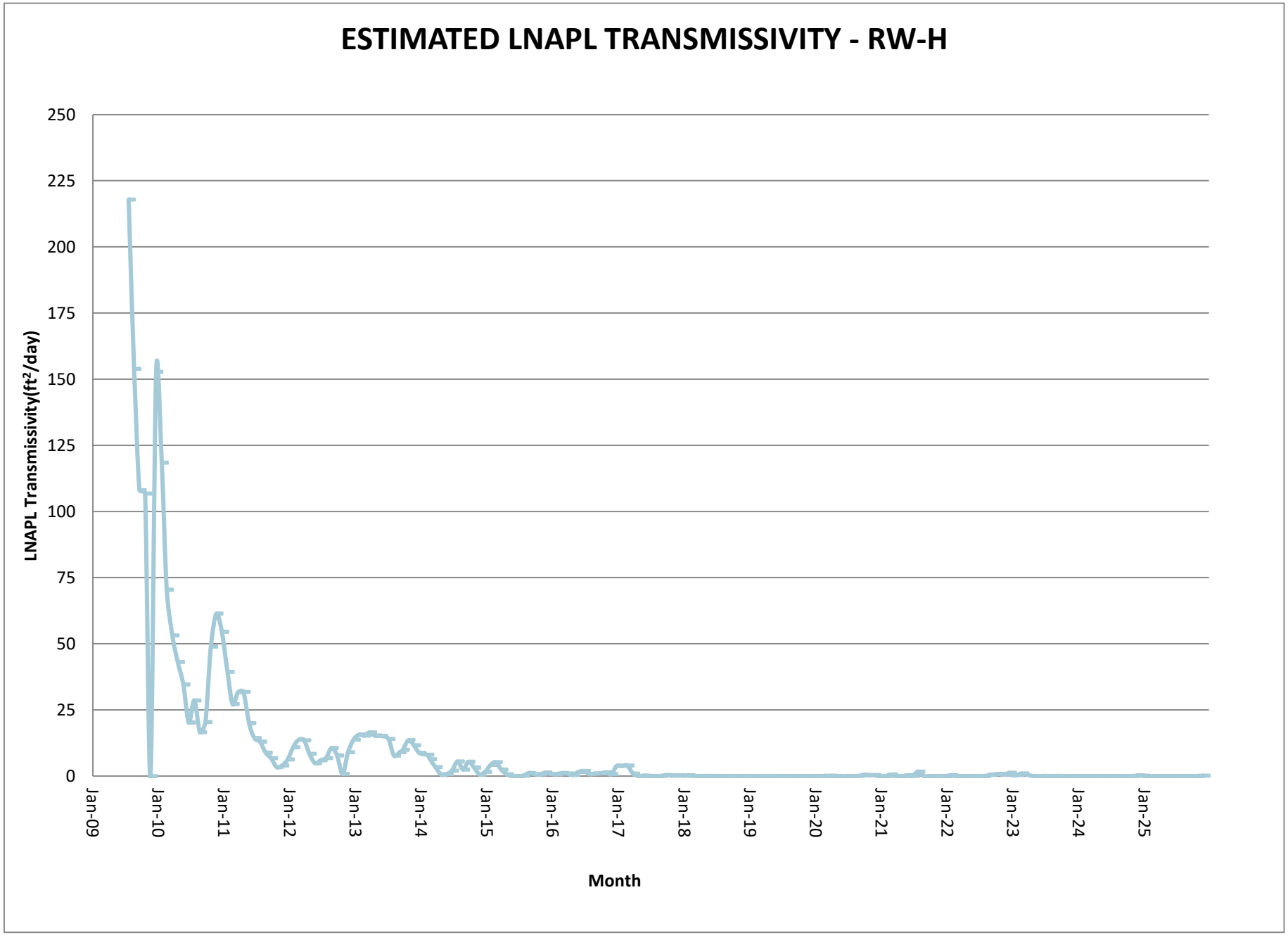

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-C
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

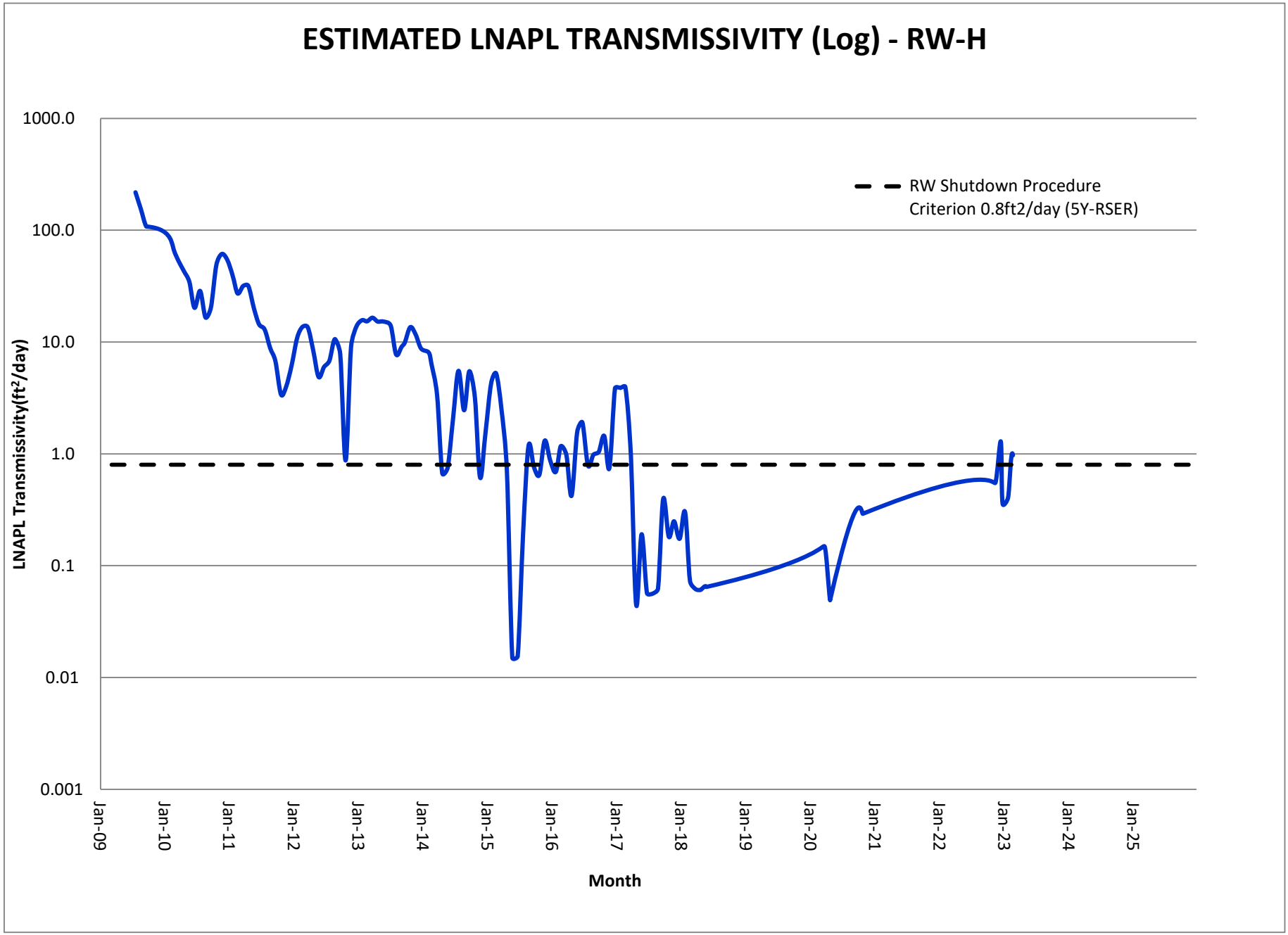

ESTIMATED LNAPL TRANSMISSIVITY - RW-D
LNAPL Transmissivity(ft²/day)
700
600
500
400
300
200
100
0
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

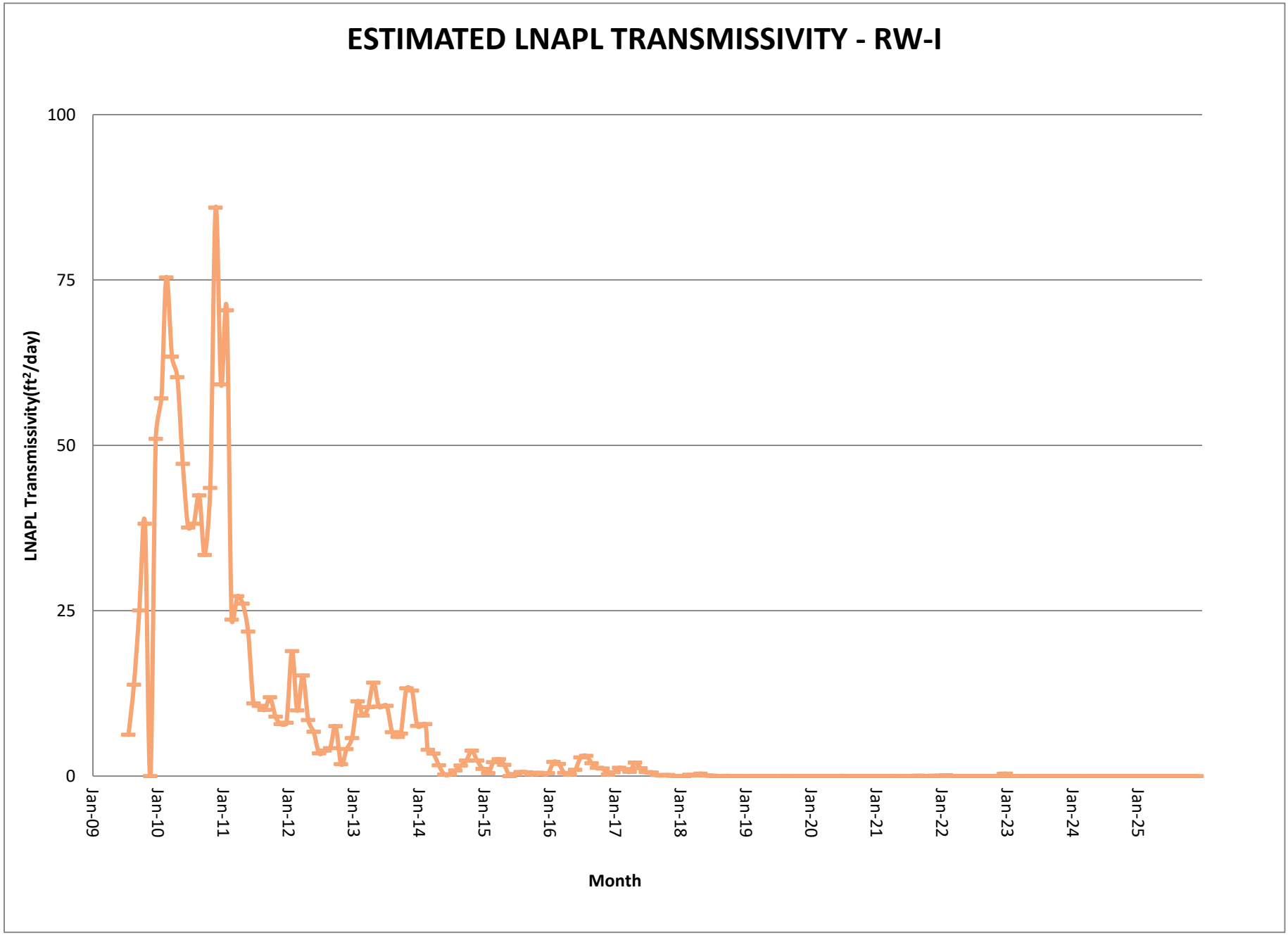

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-D
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-96
Jan-97
Jan-98
Jan-99
Jan-00
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

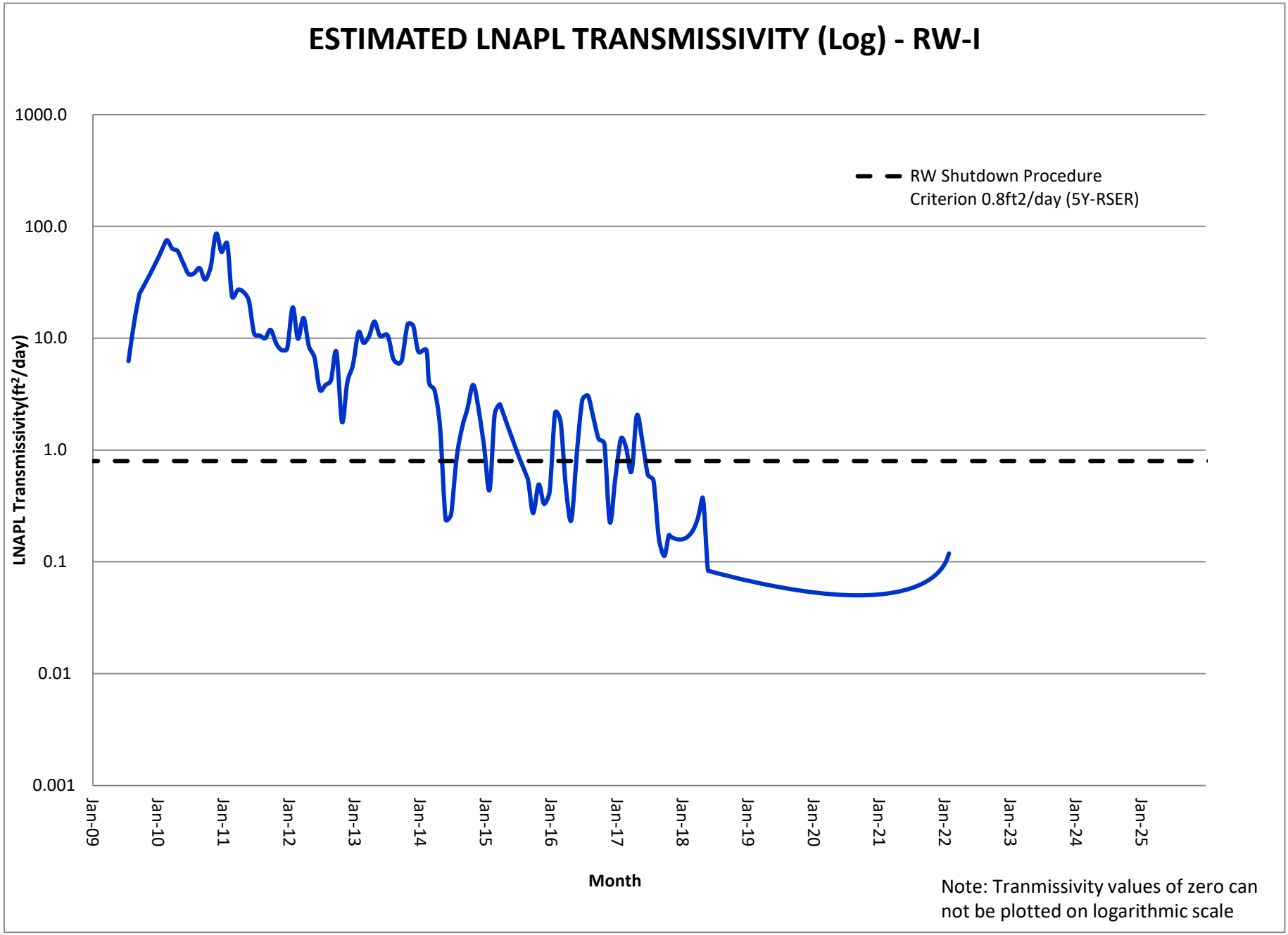

ESTIMATED LNAPL TRANSMISSIVITY - RW-F
LNAPL Transmissivity(ft²/day)
40
35
30
25
20
15
10
5
0
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

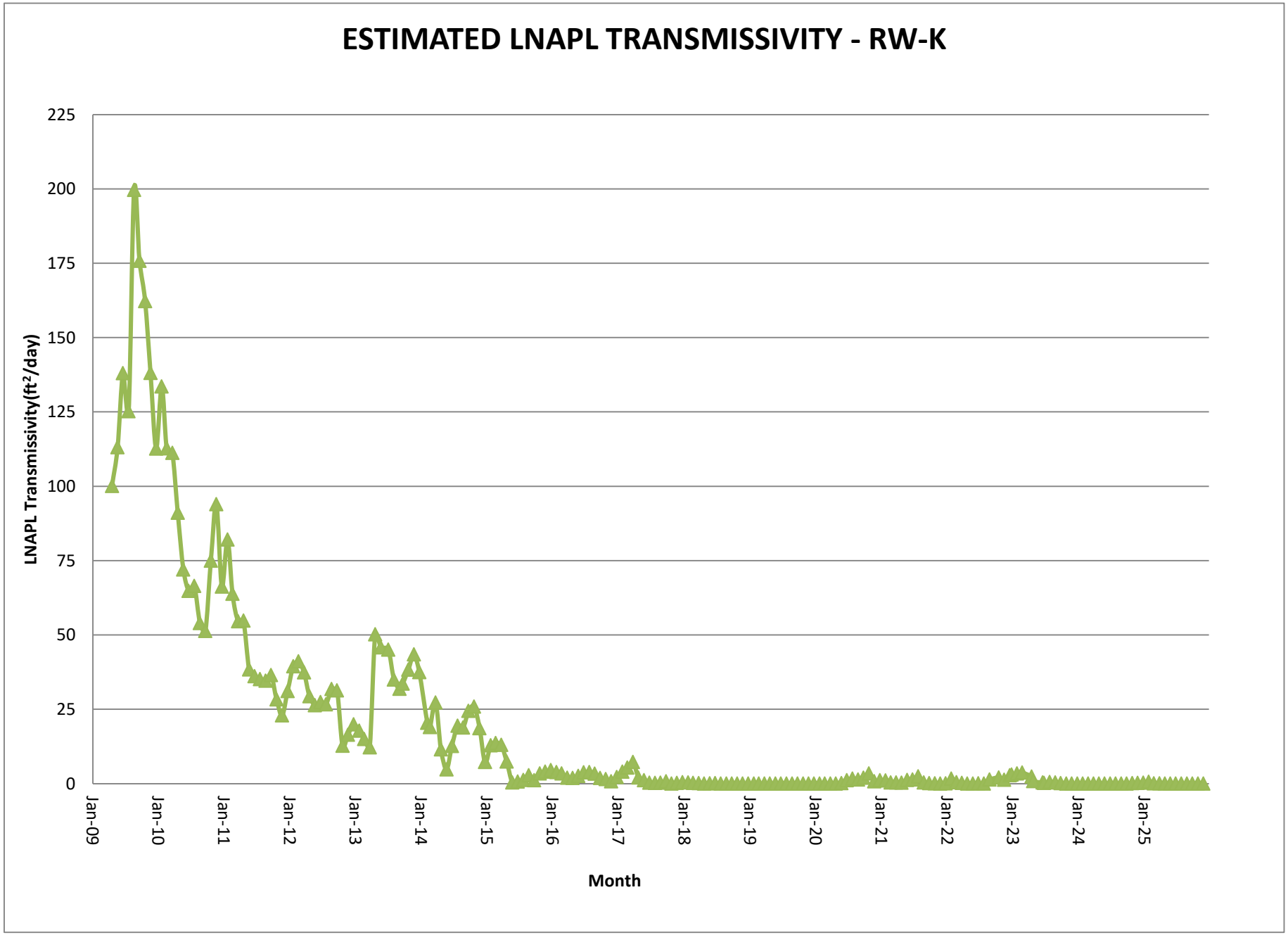

ESTIMATED LNAPL TRANSMISSIVITY (Log)- RW-F
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month
Note: Tranmissivity values of zero can not be plotted on logarithmic scale

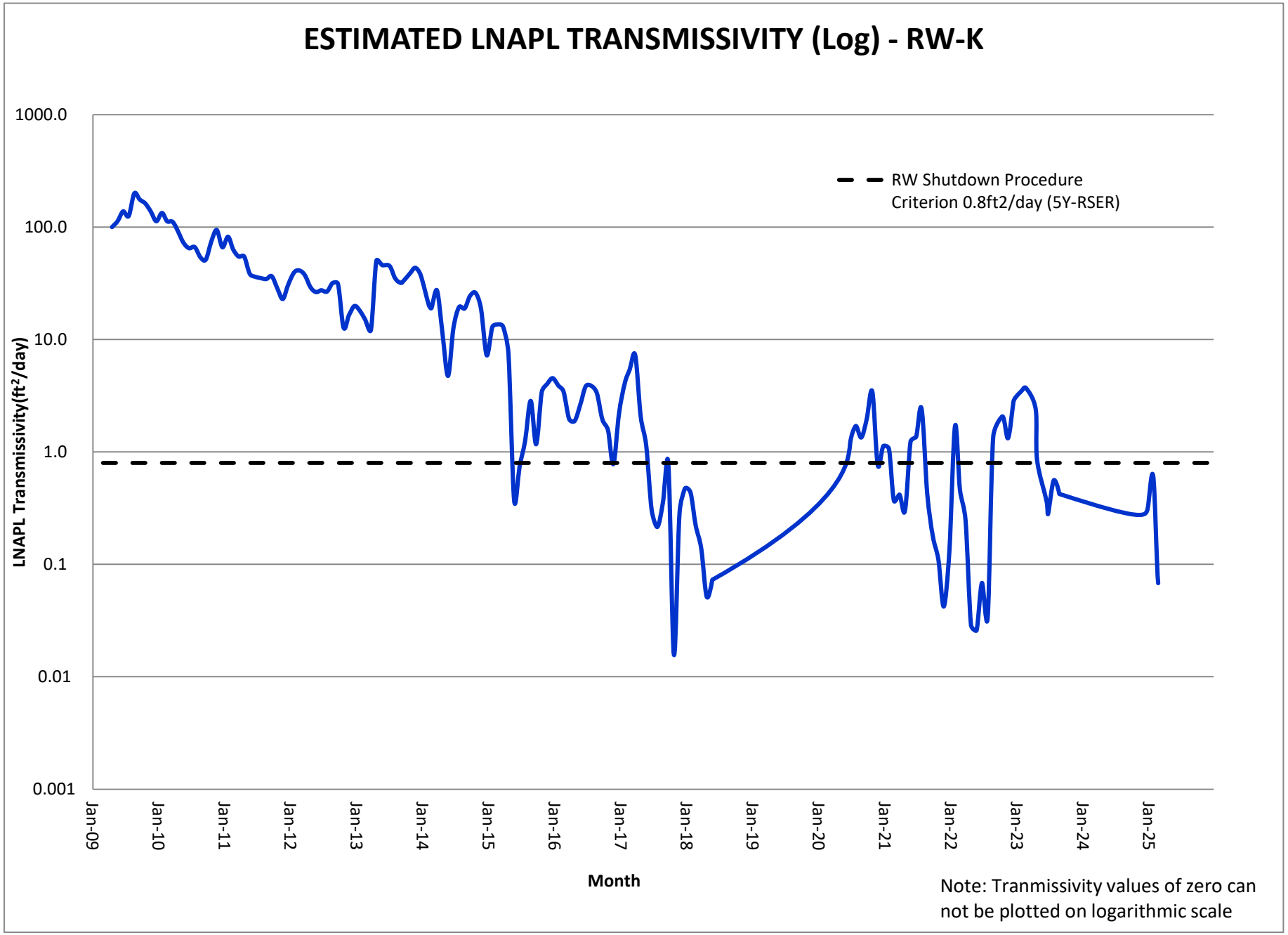

ESTIMATED LNAPL TRANSMISSIVITY - RW-H
LNAPL Transmissivity(ft²/day)
250
225
200
175
150
125
100
75
50
25
0
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

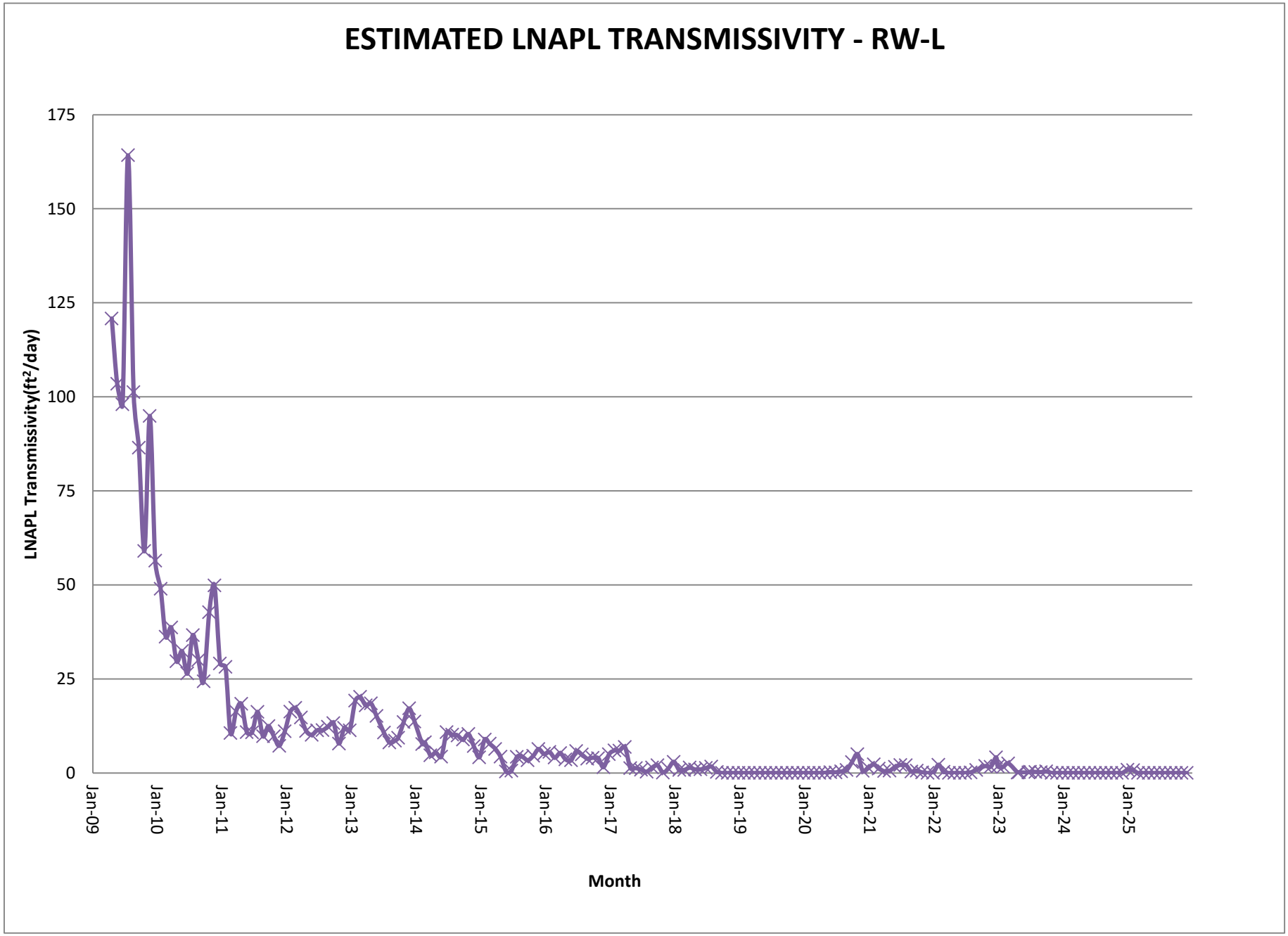

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-H
LNAPL Transmissivity(ft²/day)
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

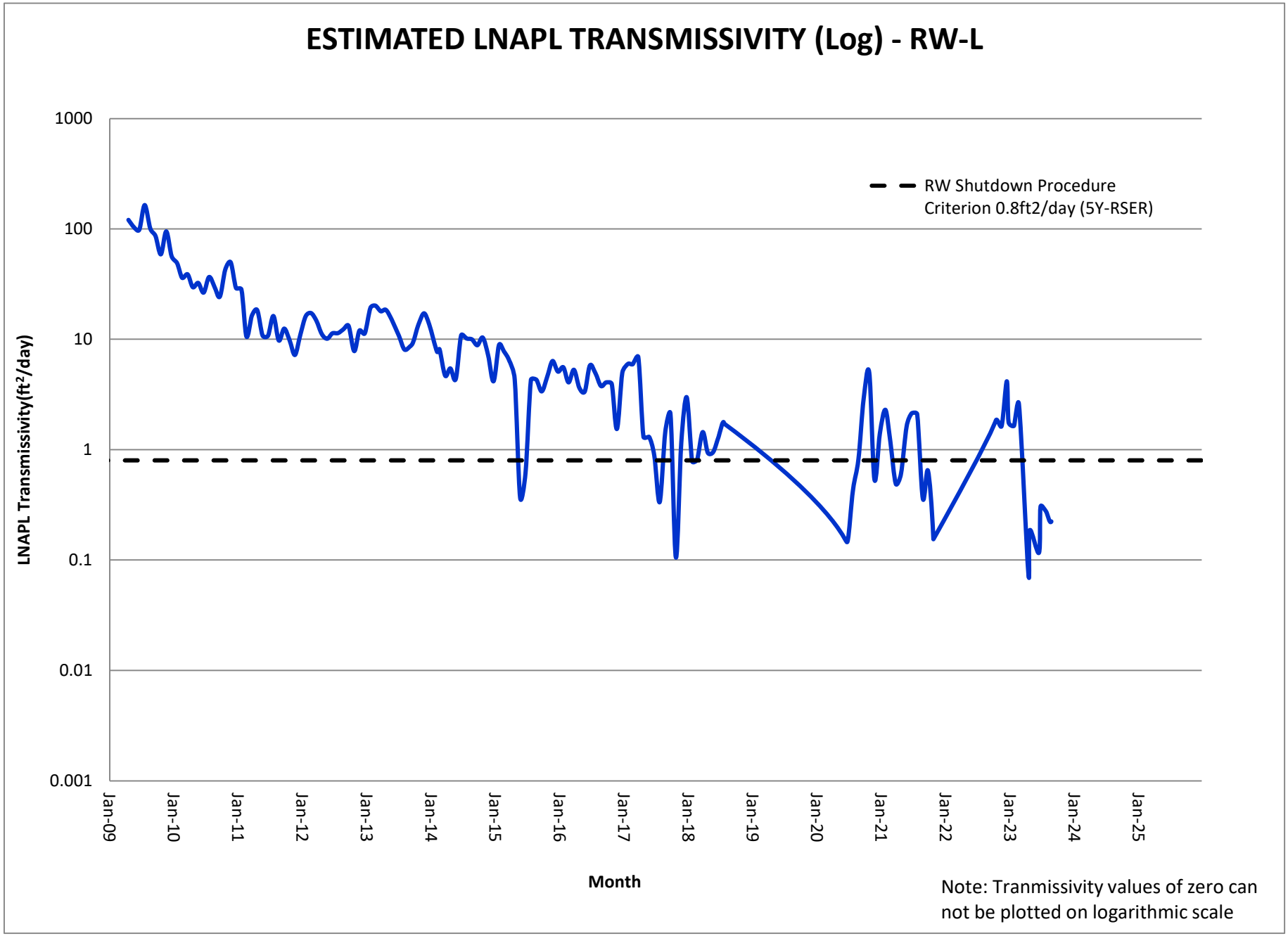

ESTIMATED LNAPL TRANSMISSIVITY - RW-I
LNAPL Transmissivity(ft²/day)
100
75
50
25
0
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

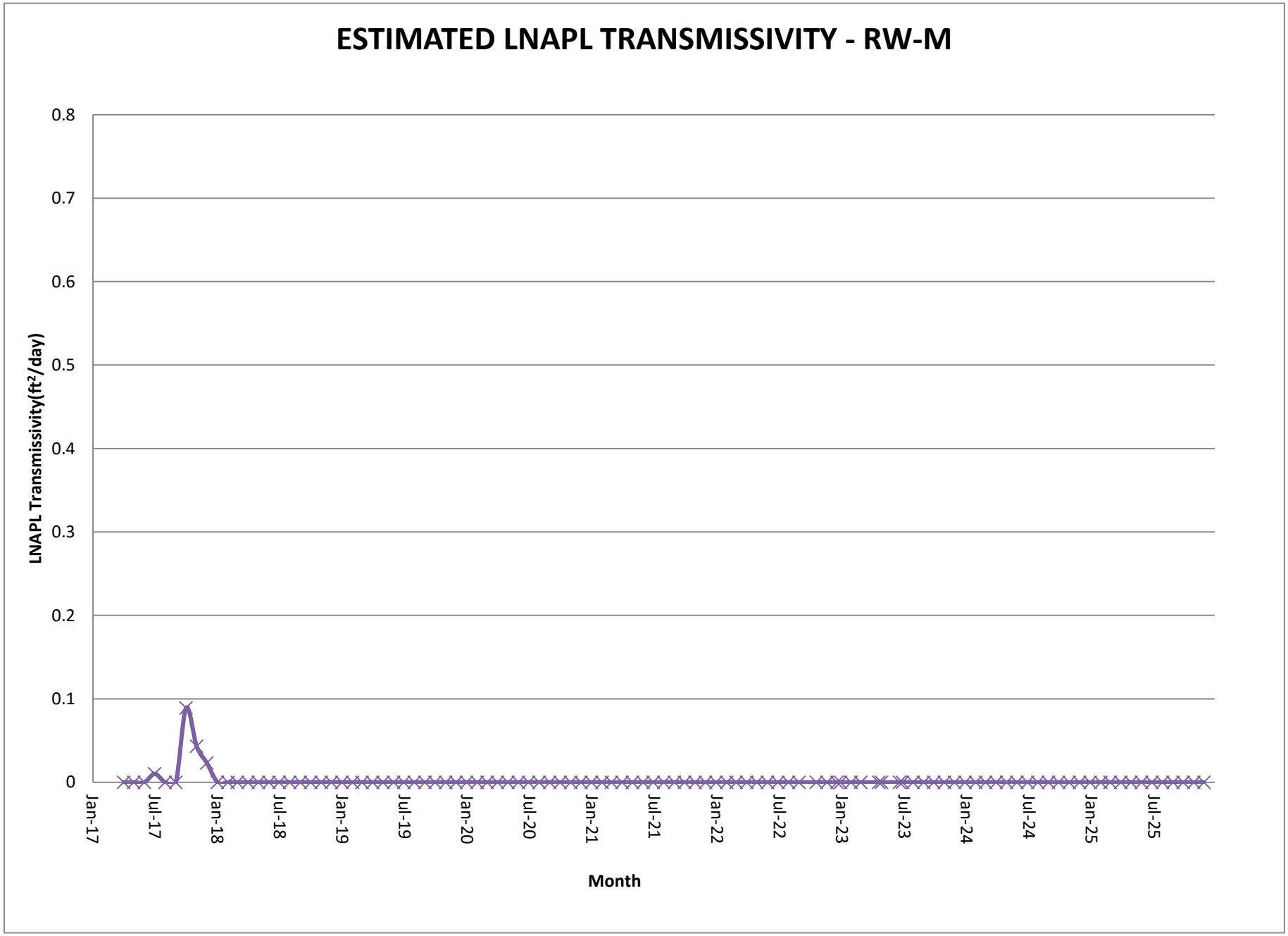

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-I
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month
Note: Tranmissivity values of zero can not be plotted on logarithmic scale

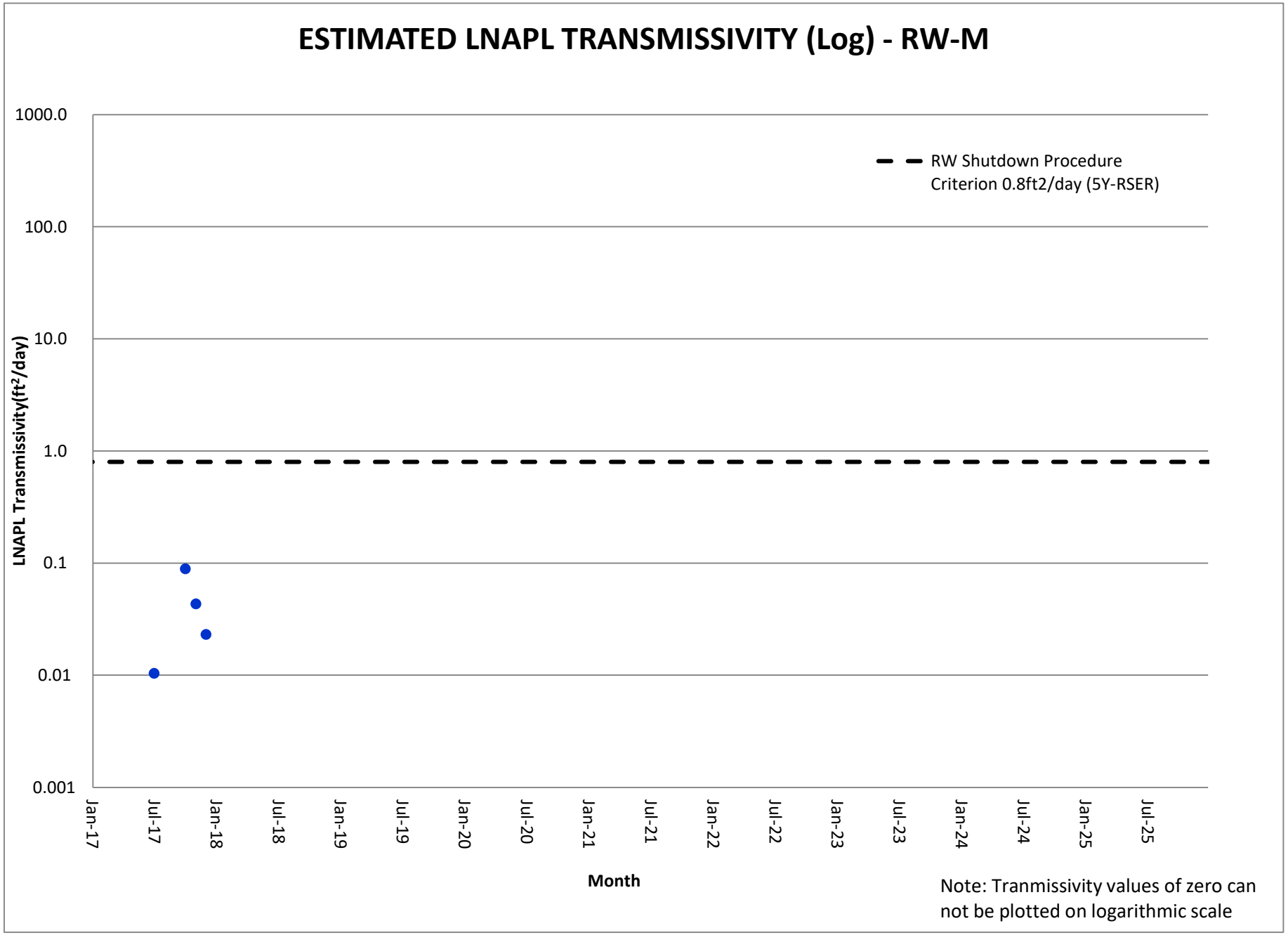

ESTIMATED LNAPL TRANSMISSIVITY - RW-K
LNAPL Transmissivity(ft²/day)
225
200
175
150
125
100
75
50
25
0
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month


ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-K
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month
Note: Tranmissivity values of zero can not be plotted on logarithmic scale


ESTIMATED LNAPL TRANSMISSIVITY - RW-L
LNAPL Transmissivity(ft²/day)
175
150
125
100
75
50
25
0
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month

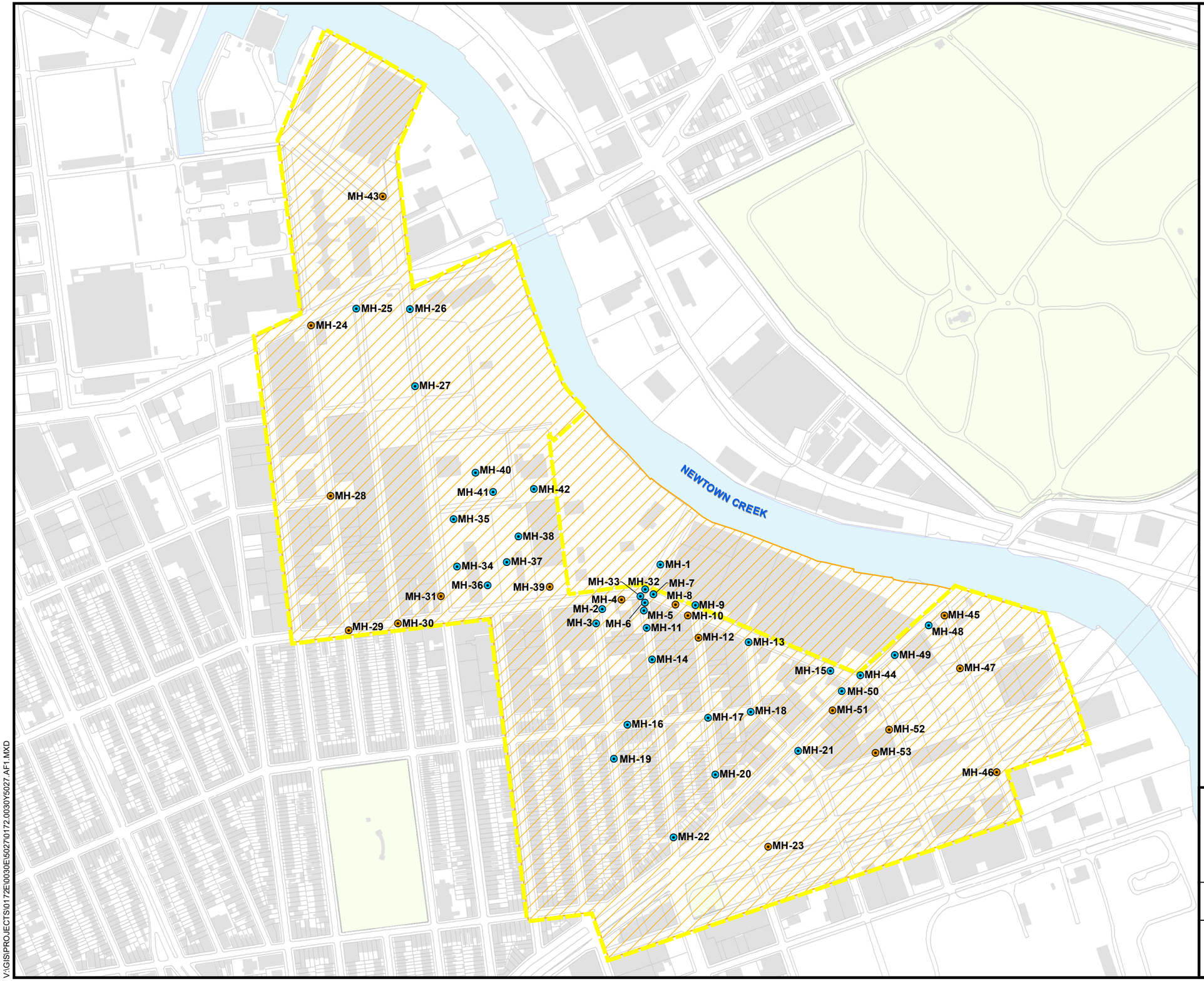

ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-L
LNAPL Transmissivity(ft²/day)
1000
100
10
1
0.1
0.01
0.001
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Jan-25
Month
Note: Tranmissivity values of zero can not be plotted on logarithmic scale


ESTIMATED LNAPL TRANSMISSIVITY - RW-M
LNAPL Transmissivity(ft²/day)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Jan-17
Jul-17
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Month


ESTIMATED LNAPL TRANSMISSIVITY (Log) - RW-M
1000.0
100.0
10.0
1.0
0.1
0.01
0.001
LNAPL Transmissivity(ft²/day)
RW Shutdown Procedure
Criterion 0.8ft2/day (5Y-RSER)
Jan-17
Jul-17
Jan-18
Jul-18
Jan-19
Jul-19
Jan-20
Jul-20
Jan-21
Jul-21
Jan-22
Jul-22
Jan-23
Jul-23
Jan-24
Jul-24
Jan-25
Jul-25
Month
Note: Tranmissivity values of zero can not be plotted on logarithmic scale

APPENDIX J

Utility Screening Data and Figure of Screening Locations



N

LEGEND

- SEWER SCREENING MANHOLE LOCATION IN CURRENT MONITORING NETWORK
- SEWER SCREENING MANHOLE LOCATIONS REMOVED FROM MONITORING NETWORK IN MARCH 2021
- ONE-CALL NOTIFICATION AREA
- EMGPRP SITE BOUNDARY

500 0 500'

Title:

SEWER SCREENING LOCATIONS

EXXONMOBIL
GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

Prepared for:
EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

Compiled by: N.B.	Date: 07/24/23	APPENDIX
Prepared by: M.S.R.	Scale: AS SHOWN	J-1
Project Mgr: C.L.	Project: 0172.0030Y090	
File: 0172.0030Y5027.AF1.mxd		

V:\GIS\PROJECTS\0172E\0030E\5027\0172.0030Y5027.AF1.MXD

SEWER SCREENING

EMGPRP

Greenpoint

Brooklyn NY 11222

Inspection Date	10/31/2025
Inspected by	Natalia Barragan Elizabeth Murphy
5-Gas Meter S/N or ID	47354
Last Calibration Date of 5-Gas Meter	10/31/2025
Weather Conditions	H59 , L49 Partly cloudy and windy

Sewer Manhole Screening — 35 records

Screening Location	Volatile Organic Carbons (VOC) Concentration (ppm)	Carbon Monoxide (CO) Concentration (ppm)	Hydrogen Sulfide (H2S) Concentration (ppm)	Lower Explosive Limit (LEL) (%)	Percent Oxygen (O2)	Comments
1	0.0	0	0.0	0	20.9	
2	0.0	0	0.0	0	20.9	
3	0.0	0	0.0	0	20.9	
5	0.0	0	0.0	0	20.9	
6	0.0	0	0.0	0	20.9	
7	0.0	0	0.0	0	20.9	
9	0.0	0	0.0	0	20.9	
11	0.0	0	0.0	0	20.9	
13	0.0	0	0.0	0	20.9	
14	0.0	0	0.0	0	20.9	
15	0.0	0	0.0	0	20.9	
16	0.0	0	0.0	0	20.9	
17	0.0	0	0.0	0	20.9	

18	0.0	0	0.0	0	20.9	
19	0.0	0	0.0	0	20.9	
20	0.0	0	0.0	0	20.9	
21	0.0	0	0.0	0	20.9	
22	0.0	0	0.0	0	20.9	
25	0.0	0	0.0	0	20.9	
26	0.0	0	0.0	0	20.9	
27	0.0	0	0.0	0	20.9	
32	0.0	0	0.0	0	20.9	
33	0.0	0	0.0	0	20.9	
34	0.0	0	0.0	0	20.9	
35	0.0	0	0.0	0	20.9	
36	0.0	0	0.0	0	20.9	
37	0.0	0	0.0	0	20.9	
38	0.0	0	0.0	0	20.9	
40	0.0	0	0.0	0	20.9	
41	0.0	0	0.0	0	20.9	
42	0.0	0	0.0	0	20.9	No access
44	0.0	0	0.0	0	20.9	
48	0.0	0	0.0	0	20.9	
49	0.0	0	0.0	0	20.9	No access
50	0.0	0	0.0	0	20.9	

Field Observations/Notes	None

SEWER SCREENING

EMGPRP

Greenpoint

Brooklyn NY 11222

Inspection Date	11/21/2025
Inspected by	Elizabeth Murphy Joyce Wang
5-Gas Meter S/N or ID	MBB3Z055Q6
Last Calibration Date of 5-Gas Meter	11/21/2025
Weather Conditions	Cloudy
Sewer Manhole Screening	35 records

Screening Location	Volatile Organic Carbons (VOC) Concentration (ppm)	Carbon Monoxide (CO) Concentration (ppm)	Hydrogen Sulfide (H2S) Concentration (ppm)	Lower Explosive Limit (LEL) (%)	Percent Oxygen (O2)	Comments
1	0.0	0	0.0	0	20.9	
2	0.0	0	0.0	0	20.9	
3	0.0	0	0.0	0	20.9	
5	0.0	0	0.0	0	20.9	
6	0.0	0	0.0	0	20.9	
7	0.0	0	0.0	0	20.9	
9	0.0	0	0.0	0	20.9	
11	0.0	0	0.0	0	20.9	
13	0.0	0	0.0	0	20.9	
14	0.0	0	0.0	0	20.9	
15	0.0	0	0.0	0	20.9	
16	0.0	0	0.0	0	20.9	
17	0.0	0	0.0	0	20.9	

18	0.0	0	0.0	0	20.9	
19	0.0	0	0.0	0	20.9	
20	0.0	0	0.0	0	20.9	
21	0.0	0	0.0	0	20.9	
22	0.0	0	0.0	0	20.9	
25	0.0	0	0.0	0	20.9	
26	0.0	0	0.0	0	20.9	
27	0.0	0	0.0	0	20.9	
32	0.0	0	0.0	0	20.9	
33	0.0	0	0.0	0	20.9	
34	0.0	0	0.0	0	20.9	
35	0.0	0	0.0	0	20.9	
36	0.0	0	0.0	0	20.9	
37	0.0	0	0.0	0	20.9	
38	0.0	0	0.0	0	20.9	
40	0.0	0	0.0	0	20.9	
41	0.0	0	0.0	0	20.9	
42	0.0	0	0.0	0	20.9	No access
44	0.0	0	0.0	0	20.9	
48	0.0	0	0.0	0	20.9	
49	0.0	0	0.0	0	20.9	No access
50	0.0	0	0.0	0	20.9	

Field Observations/Notes	None

SEWER SCREENING

EMGPRP

Greenpoint

Brooklyn NY 11222

Inspection Date	12/22/2025
Inspected by	Joyce Wang Elizabeth Murphy
5-Gas Meter S/N or ID	M01EA13299
Last Calibration Date of 5-Gas Meter	12/22/2025
Weather Conditions	Partly cloudy, 39F, RH:48%, BP:30.46 “Hg
Sewer Manhole Screening	35 records

Screening Location	Volatile Organic Carbons (VOC) Concentration (ppm)	Carbon Monoxide (CO) Concentration (ppm)	Hydrogen Sulfide (H2S) Concentration (ppm)	Lower Explosive Limit (LEL) (%)	Percent Oxygen (O2)	Comments
1	0.0	0	0.0	0	20.9	
2	0.0	0	0.0	0	20.9	
3	0.0	0	0.0	0	20.9	
5	0.0	0	0.0	0	20.9	
6	0.0	0	0.0	0	20.9	
7	0.0	0	0.0	0	20.9	
9	0.0	0	0.0	0	20.9	
11	0.0	0	0.0	0	20.9	
13	0.0	0	0.0	0	20.9	
14	0.0	0	0.0	0	20.9	
15	0.0	0	0.0	0	20.9	
16	0.0	0	0.0	0	20.9	
17	0.0	0	0.0	0	20.9	

18	0.0	0	0.0	0	20.9	
19	0.0	0	0.0	0	20.9	
20	0.0	0	0.0	0	20.9	
21	0.0	0	0.0	0	20.9	
22	0.0	0	0.0	0	20.9	
25	0.1	0	0.0	0	20.9	
26	0.0	0	0.0	0	20.9	
27	0.0	0	0.0	0	20.9	
32	0.0	0	0.0	0	20.9	
33	0.0	0	0.0	0	20.9	
34	0.0	0	0.0	0	20.9	
35	0.0	0	0.0	0	20.9	
36	0.0	0	0.0	0	20.9	
37	0.0	0	0.0	0	20.9	
38	0.0	0	0.0	0	20.9	
40	0.0	0	0.0	0	20.9	
41	0.0	0	0.0	0	20.9	
42	0.0	0	0.0	0	20.9	No Access
44	0.0	0	0.0	0	20.9	
48	0.0	0	0.0	0	20.9	
49	0.0	0	0.0	0	20.9	No Access
50	0.0	0	0.0	0	20.9	

Field Observations/Notes	None

APPENDIX K

New York City Department of Buildings Permit Records and One-Call Review

Appendix K-1. New York City Department of Buildings Permit Records
Greenpoint, Brooklyn Properties

Block	Lot	Owner	Address	Last Action[1]	Date of Last Action[1]	Fourth Quarter 2025 Update
2612	20	460 Kingsland Ave Real Estate LLC	448 Kingsland Ave	Job #321947845 HEREBY FILING SUPPORT OF EXCAVATION FOR REMOVAL OF IMPACTED SOIL AND INCID. Work on Floor(s): 001. Job Status: Signed Off 2/4/2021	February 4, 2021	No Change
2612	1	ExxonMobil	410 Kingsland Ave	appl B01323224 perfom earthwork and install shed for enviro equip approved 12/5/2025 app B01342182 full demolition appl pend plan exam 1/23/2026	January 23, 2026	appl B01323224 perfom earthwork and install shed for enviro equip approved 12/5/2025 app B01342182 full demolition appl pend plan exam 1/23/2026
2612	145	Kingsland Realty	366 Kingsland Ave	Alt II for installation of steel canopy withdrawal 10/29/16. New Alt II for canopy new 10x16 steel canopy approved 12/27/16	December 27, 2016	No Change
2612	140	360 Kingsland Ave LLC	360 Kingsland Ave	B00819799 Installation of on site internal water main, backflow and Hydrants, DOB approved 7/19/2023	July 19, 2023	No Change
2612	75	BP Products	125 Apollo St	appl B00857540 sprink appl signed off 7/14/2025	July 14, 2025	No Change
2612	125	301 Norman Ave LLC	301 Norman Ave	Appl B00860060 for structural work on 1st floor approved 9/23/2023	September 23, 2023	No Change
2612	133	297 Norman Ave LLC	297 Norman Ave	Alt II application for one story enlargement permit issued signed off 2/27/17	February 27, 2017	No Change
2612	136	Halls Motor Trans	322 Kingsland Ave	Alt II to perform earthwork operations permit issued 9/9/13	September 9, 2013	No Change
2812	1	Cardinal Dev.	518 Porter Ave	NA	NA	No Change
2812	3	NYS DOT	536 Porter Ave	Ground sign and sign structure. Signed off 7/13/01	July 13, 2001	No Change
2812	5	NYS DOT	66 Cherry Street	NA	NA	No Change
2812	26	Cardinal Dev.	93 Anthony Street	Alt III builders paving application disaaproved 2/27/14	February 27, 2014	No Change
2806	1	Dept of Trans.	Varick Street	NA	NA	No Change
2806	7	542 Varick Realty LLC	548 Varick Street	install 550 above ground diesel tank pemit issued 10/27/09	October 27, 2009	No Change
2806	15	JP Realty	24 Thomas Street	Removal of sign&sign structure 10/22/2013	October 22, 2013	No Change
2806	18	JP Realty	36 Thomas Street	NA	NA	No Change
2806	20	JP Realty	40 Thomas Street	NA	NA	No Change

Appendix K-1. New York City Department of Buildings Permit Records
Greenpoint, Brooklyn Properties

Block	Lot	Owner	Address	Last Action[1]	Date of Last Action[1]	Fourth Quarter 2025 Update
2666	101	Apollo Steel LLC	80 Bridgewater Street	Alt 3100026502 amend filed to add applinat email and amend file rep fee due 6/9/2023	June 9, 2023	No Change
2666	125	Apollo Steel LLC	927 Meeker Ave	Alt II for new store front permit issued 2/10/16	February 10, 2016	No Change
2666	201	Apollo Steel LLC	120 Apollo Street	Plumb Repair 12/08/97	December 8, 1997	No Change
2666	1	Peerless Equities	44 Bridgewater Street	Appl B01144690-I1 alt to exist brick wall new interior partitions repair columns and lodaing dock permit issued 12/23/2025	December 23, 2025	Appl B01144690-I1 alt to exist brick wall new interior partitions repair columns and lodaing dock permit issued 12/23/2025
2666	52	Peerless Equities	42 Bridgewater Street	Appl B00842071 Reapir face brick at existing brick wall for ECB violation signed off 7/21/2023	July 21, 2023	No Change
2694	1	LIC Equities LLC	328 Nassau Ave	Appl B01108062 plumb appl install plumbing fixtures Letter of Completion issued 10/31/2024	October 31, 2024	No Change
2694	2	Rosal Realty Corp	330 Nassau Ave	Alt I amend to include shoring and excavation approved 6/27/12	June 27, 2012	No Change
2694	5	Stone Quarry Realty	Nassau Ave	NA	NA	No Change
2694	6	MLF Mgmt Inc	338 Nassau Ave	NA	NA	No Change
2694	7	340 Nassau Ave realty LLC	340 Nassau Ave	Appl. New Building B00986605 proposed 2 story warehouse w/mezz DOB and combine lots 6&7plan exam objections 11/11/2025	November 11, 2025	Appl. New Building B00986605 proposed 2 story warehouse w/mezz DOB and combine lots 6&7plan exam objections 11/11/2025
2694	11	1315 Varick Realty	15 Varick Street	NA	NA	No Change
2694	15	Francis DeVito	857 Meeker Ave	Alt II to replace boiler and burner permit issued 5/9/14	May 9, 2014	No Change
2694	21	855 Meeker Ave LLC	855 Meeker Ave	NA	NA	No Change
2694	22	Astro Const Corp	843 Meeker Ave	B00656797-I1 Propose to install sub slab depressurization system signed off 5/13/2024	May 13, 2024	No Change
2694	25	Meeker Ave Corp.	8 Van Dam Street	NA	NA	No Change
2694	38	Heptagon Creations	20 Van Dam Street	appl B00674497 appl for sub slab depressurization sys Letter of Completion issued 3/7/2024	March 7, 2024	No Change

Appendix K-1. New York City Department of Buildings Permit Records
Greenpoint, Brooklyn Properties

Block	Lot	Owner	Address	Last Action[1]	Date of Last Action[1]	Fourth Quarter 2025 Update
2694	42	Stone Quarry Realty	26 Van Dam Street	job # B00646106 for Gen Const install sub slab depressurization sys permit Letter of Comlpetion issued 3/7/2024	March 7, 2024	No Change
2694	46	Sam Pustihk	30 Van Dam Street	appl B00684854 appl for sub slab depressurization sys Letter of Completion issued 3/7/2024	March 7, 2024	No Change
2693	23	Henryk Swita	13 Van Dam	NA	NA	No Change
2693	24	James Smith	11Van Dam	NA	NA	No Change
2693	25	Jery Plaza	9 Van Dam	new stair from 1st fl to cellar permit issued 12/2/08	December 2, 2008	No Change
2693	26	Elzbieta Szuminski	7 Van Dam	Interior alteration. Signed off 7/28/05	July 28, 2005	No Change
2693	116	Vincent Vespok	25 Van Dam	NA	NA	No Change
2693	17	Thuc Ngu& Lan Nguyen	23 Van Dam	Plumbing repair. Signed off 8/1/02	August 1, 2002	No Change
2693	18	Sheng Ye	21 Van Dam	appl for new boiler filed 8/22/08	August 22, 2008	No Change
2693	19	Joseph Jusiega	19 Van Dam	NA	NA	No Change
2693	30	Elsa Romero	801 Meeker Ave	NA	NA	No Change
2693	31	Jan Simko	797 Meeker Ave	NA	NA	No Change
2693	12	Geogakis Realty	33 Van Dam Street	New building appl permit issued 1/25/95	January 25, 1995	No Change
2693	13	Chaber Wladyslaw	31Van Dam Street	NA	NA	No Change
2693	15	Bebenek Zdziaslaw	29 Van Dam Street	NA	NA	No Change
2693	115	Kim Nguyen	27 Van Dam Street	NA	NA	No Change
2693	16	HLK Holding LLC	25A Van Dam Street	NA	NA	No Change
2800	1	880 Meeker Ave Realty Inc	880 Meeker Ave	New Building. Permit 1/25/95	January 25, 1995	No Change
2800	11	890 Meeker Ave Corp	890 Meeker Ave	Alt II for installation of HVAC equipment signed off 10/26/17	October 26, 2017	No Change
2800	13	Hercules Mgmt Co.	892 Meeker Ave	NA	NA	No Change
2800	16	Peerless Importers	902 Meeker Ave	Appl B00605947 Repair of brick/stucc signed off LofC issued 3/14/25	March 14, 2025	No Change

Appendix K-1. New York City Department of Buildings Permit Records
Greenpoint, Brooklyn Properties

Block	Lot	Owner	Address	Last Action[1]	Date of Last Action[1]	Fourth Quarter 2025 Update
2800	21	Peerless Importers	914 Meeker Ave	Install fire sprinkler system B01134020 7/24/2025 Permit Issued	July 24, 2025	No Change
2800	28	551 Stewart Realty Trust	551Stewart Ave	NO WORK. TO OBTAIN EQUIPMENT USE PERMIT FOR EQUIPMENT INSTALLED BY PREVIO Work on Floor(s): ROO 4/24/19 JOB FILED AS A NO WORK APPLICATION IN ORDER TO OBTAIN EQUIPMENT USE CARDS Work on Floor(s): RF 6/17/19	June 17, 2019	No Change
2805	1	Dept. of Trans.	No records found	NA	NA	No Change
2805	5	Li & Zhou Realty LLC	810 Meeker Ave	ADMIN CLOSED 06/18/2019 INSTALLATION OF NON-EMERGENCY NATURAL GAS GENERATO Work on Floor(s): CEL,OSP,ROF 4/19/19. INSTALLATION OF NON-EMERGENCY NATURAL GAS GENERATOR ON EQUIPMENT PLATFORM Work on Floor(s): CEL,OSP,ROF 5/8/19. CONSTRUCTION AT 1ST FLOOR TO CHANGE 1ST FLOOR USE FROM EXISTING STORAGE TO Work on Floor(s): 001 5/31/19	May 31, 2019	No Change
2805	12	Yu Reng Lin	830 Meeker Ave	Job # B00563714 sprinkler modification signed off 12/17/2021	December 17, 2021	No Change
2805	17	E&J Caputo	850 Meeker Ave	Unit heater. Filed 2/4/99	February 4, 1999	No Change
2805	25	E&J Caputo	858 Meeker Ave	Alt I propose to use site as concrete plant, temporary trailer and install storm water structure. Approved 10/2/17	October 2, 2017	No Change
2660	1	Howard & Norman Banke	666 Morgan Ave	Alt II Structural application filed to approve drawings for emergency repairs for permit issued 12/21/18	December 21, 2018	No Change

Appendix K-1. New York City Department of Buildings Permit Records
Greenpoint, Brooklyn Properties

Block	Lot	Owner	Address	Last Action[1]	Date of Last Action[1]	Fourth Quarter 2025 Update
2660	20	654 Morgan Realty LLC	97 Hausman Street	Job #: 321819760 PROPOSE TO REMOVE ECB VIOLATION #35308135X AND PROPOSE NEW SPRINKLER WORK Work on Floor(s): 001. Job Status: Signed Off. 10/29/2020	October 29, 2020	No Change
2660	30	650 Morgan Ave Realty Corp	648 Morgan Ave	New boiler and water heater. Signed off 9/23/99	September 23, 1999	No Change
2660	40	No Records Found	No Records Found	NA	NA	No Change
2660	50	640 Morgan Ave Corp	83 Hausman Street	B00469003-I1 Propose to install a sub slab depressuration system design permit issued 8/6/2021	August 6, 2021	No Change
2608	1	Mobil Oil Corp	379 Kingsland Ave	alt III builder paving appl 340919590 appl/processed entire 11/12/2025	November 12, 2025	alt III builder paving appl 340919590 appl/processed entire 11/12/2025
2608	25 (Combined with lot 50)	Kingsland 359 LLC	381 Kingsland Ave	Alt I 320157860 amendment filed to revise acrhitectural plans application application approved 10/27/2023	October 27, 2023	No Change
2608	25 (50 Dropped)	Drivers Service Corp	359 Kingsland Ave	Alt 320157860 amend arch plans approved 4/28/2023	April 28, 2023	No Change
2608	78	Mill Paper Box Co.	355 Kingsland Ave	Alt I 321663918 amendment filed to revise plans approved 10/6/2025	October 6, 2025	No Change
2608	79	Mill Paper Box Co.	347 Kingsland Ave	Alt for new HVAC equipment permit issued 10/14/09	October 14, 2009	No Change
2608	82	Mill Paper Box Co.	343 Kingsland Ave	Alt II application to reinstall damaged roof joists and parapet permit issuedc 2/8/17	February 8, 2017	No Change
2608	84	Mill Paper Box Co.	341 Kingsland Ave	Alt II I new roof structure over existing roof permit issued 11/14/17 Alt I obatin new certificate of occupancy with vertical enlargement disapproved 11/14/17	November 14, 2017	No Change

Appendix K-1. New York City Department of Buildings Permit Records
Greenpoint, Brooklyn Properties

Block	Lot	Owner	Address	Last Action[1]	Date of Last Action[1]	Fourth Quarter 2025 Update
2608	85 lots 85,90,91 merged to 85	Mill Paper Box Co.	339 Kingsland Ave	Job #: 321573597 POST APPROVAL AMENDMENT FOR 02 Work on Floor(s): OSP,ROF 001 thru 006. Job Status: G PAA Fee Due. 12/21/2020	December 21, 2020	No Change
2608	89	269 Norman Ave	269 Norman Ave	appl B01301847 appl filed to amend CO and convert to restaurant,garage,retail space plan exam review 1/20/26	January 20, 2026	appl B01301847 appl filed to amend CO and convert to restaurant,garage,retail space plan exam review 1/20/26
2608	90	Mill Paper Box Co.	267 Norman Ave	Alt III for sidewalk shed permit issued 3/22/17	March 22, 2017	No Change
2608	91	Mill Paper Box Co.	265 Norman Ave	Alt II appl filed fo rinstalltion of coffee roasting eqquipment and interior partitions appl apprioved 9/25/13	September 25, 2013	No Change
2608	92	Lai Familty LLP	259 Norman Ave	HVAC appl. disapproved 7/2/04	July 2, 2004	No Change
2608	95	Lai Familty LLP	257 Norman Ave	NA	NA	No Change
2608	99	Lai Familty LLP	252 Monitor Street	NA	NA	No Change
2661	1	Tandem Holding	114 Hausman st	NA	NA	No Change
2661	5	Lams Dev 686 LLC	326 Norman Ave	alt II "no work" application filed to secure equipment use permit disapproved 3/29/19	March 29, 2019	No Change
2661	15	103 Apollo llc	103 Apollo Street	Plumbing repair application permit 11/21/94	November 21, 1994	No Change
2661	16	CRMX 221 LLC	83 Apollo Street	B00549928-I1 Modifaication to mech system 1st fl permit issued 12/15/2025 B00490401 application filed for plumbing and sprinklers modification permit issued 11/21/2025	December 15, 2025	B00549928-I1 Modifaication to mech system 1st fl permit issued 12/15/2025 B00490401 application filed for plumbing and sprinklers modification permit issued 11/21/2025
2661	27	81 Apollo LLC	77 Apollo Street	Appl filed to obtain equipment use permit for mech equip permit issued 6/6/08	June 6, 2008	No Change
2661	31	73 Apollo LLC	73 Apollo Street	Job: Alt I #322000124 vertical extension disapproved 10/13/19	October 13, 2019	No Change

Appendix K-1. New York City Department of Buildings Permit Records
Greenpoint, Brooklyn Properties

Block	Lot	Owner	Address	Last Action[1]	Date of Last Action[1]	Fourth Quarter 2025 Update
2661	34	Russel Gerlach Realty	76 Hausman Street	alt II const at 1st floor to change 1st floor to 5 retail stores disapproved 3/22/19	March 22, 2019	No Change
2661	44	Eleanor Lewart	86 Hausman Street	Install new HVAC signed off 6/13/02	June 13, 2002	No Change
2661	50	Valemil Realty Corp	94 Hausman Street	Appl 321843252 POST APPROVAL AMENDMENT FOR 01 AUTOMATIC SMOKE/HEAT DETECTION AND SPRINKLE DISAPPROVED07/08/2021	July 8, 2021	No Change
2662	16	V&M Buzzettta Realty	84 Apollo Street	NA	NA	No Change
2662	18	V&M Buzzettta Realty	86 Apollo Street	Install paint spray booth. Permit 1/22/01	January 22, 2001	No Change
2662	20	V & M Buzzetta Realty	88 Apollo Street	NA	NA	No Change
2662	22	Job Realty Holding	90 Apollo Street	NA	NA	No Change
2662	24	Job Realty Holding	92 Apollo Street	Alt II Structural application filed to approve drawings for emergency repairs signed off 3/4/19	March 4, 2019	No Change
2662	26	Job Realty Holding	91 Bridgewater Street	NA	NA	No Change
2662	30	Job Realty Holding	79 Bridgewater Street	NA	NA	No Change
2662	32	Richare Marrcantonio	75 Van Dam Street	Plumbing repair filed 1/9/04	January 9, 2004	No Change
2662	34	Job Realty Holding	75 Van Dam Street	NA	NA	No Change
2662	40	Richare Marrcantonio	65 Van Dam Street	Appl B00795772-I1 Installation of Sprinkler system permit issued 9/28/2023	September 28, 2023	No Change
2663	1	Lins unlimited Corp.	345 Nassau Street	*repair of building exterior signed off 11/25/11	November 25, 2011	No Change
2663	7	Ro-Sal Realty Corp	341 Nassau Street	alt II for new concrete pad for potable silo and fence permit issued 8/15/18	August 15, 2018	No Change

Appendix K-1. New York City Department of Buildings Permit Records
Greenpoint, Brooklyn Properties

Block	Lot	Owner	Address	Last Action[1]	Date of Last Action[1]	Fourth Quarter 2025 Update
2663	10	Jalan 88 Inc.	54 Van Dam Street	Appl B00475521 inst boiler permit issued 3/31/2022 Appl B00475516 plumb install in conjunction w/boiler appl permit issued 3/31/2022	March 31, 2022	No Change
2663	14	Jade Style Corp.	60 Van Dam Street	job # B00613693 Gen Const at first floor approved 10/28/2021	October 28, 2021	No Change
2663	16	C & L Assc.	62 Van Dam Street	Plumbing repair permit 7/11/95	July 11, 1995	No Change
2663	17	C & L Assc.	64 Van Dam Street	alt II for installation of spray booth permit issued 8/15/18	August 15, 2018	No Change
2663	28	Crosswood LLC	47 Bridge Water Street	Alt II filed for repair of existing façade 1st floor to roof permit issued 9/4/13	September 4, 2013	No Change
2664	1	Wah Wing Realty LLC	12 Varick Street	Alt II for installation of 31.5 KW solar energy roof of occupancy permit issued 12/11/17	December 11, 2017	No Change
2664	4	Tai Hsin Cheng	16 Varick Street	Horizontal enlargement. Permit 8/5/03	August 5, 2003	No Change
2664	9	ExxonMobil	30 Varick Street	B01204199-I1 install new floor within exist bldg permit issued 1/15/2026 B01204199-S1 modify existing structure within exist bldg plan review 1/15/2026 B01204199-S2 Modify exist sprinkler system within exist bldg approved 1/22/2026 B01204199-S3 modify exist mech system with exist bldg approved 1/22/2026	January 22, 2026	B01204199-I1 install new floor within exist bldg permit issued 1/15/2026 B01204199-S1 modify existing structure within exist bldg plan review 1/15/2026 B01204199-S2 Modify exist sprinkler system within exist bldg approved 1/22/2026 B01204199-S3 modify exist mech system with exist bldg approved 1/22/2026
2664	16	May Ching Wong	37 Bridge Water Street	general renovation of 3 story bldg permit issued 4/17/08	April 17, 2008	No Change
2664	25	Empire State Varnish	27 Bridge Water Street	New gas service and meter permit issued 7/23/09. New concrete pad permi issued 6/12/09	June 12, 2009	No Change
2664	47	LINY Prop. Inc.	899 Meeker Avenue	NA	NA	No Change
2664	127	The Anthony Paul Arg.	19 Bridge Water Street	NA	NA	No Change
2691	21	T. Pugliesi	49 Hausman Street	NA	NA	No Change
2691	22	Maria Kry Samplawski	47 Hausman Street	NA	NA	No Change
2691	23	Andre Majercak	45 Hausman Street	NA	NA	No Change
2691	24	John Guidice	43 Hausman Street	NA	NA	No Change

Appendix K-1. New York City Department of Buildings Permit Records
Greenpoint, Brooklyn Properties

Block	Lot	Owner	Address	Last Action[1]	Date of Last Action[1]	Fourth Quarter 2025 Update
2691	25	Monika Gruszka	41 Hauseman Street	Boiler. Filed 9/15/89	September 15, 1989	No Change
2691	26	Jennifer Blickham	39 Hausman Street	Boiler filed 9/28/06	September 28, 2006	No Change
2691	27	Dolores Chorney	37 Hausman Street	Interior alteration permit 7/20/06	July 20, 2006	No Change
2691	28	Marry Cunningham	35 Hausman Street	NA	NA	No Change
2691	29	Deborah Brady	33 Hausman Street	NA	NA	No Change
2691	30	Robert McErlean	31 Hausman Street	NA	NA	No Change
2691	31	Judith Dorman	29 Hausman Street	NA	NA	No Change
2691	32	Lucyna Starzynski	27 Hausman Street	NA	NA	No Change
2691	33	Carlos Albino	25 Hausman Street	NA	NA	No Change
2691	34	Robert Carlos	23 Hausman Street	Job No: 321622339 PAA FILED TO REVISE Plumbing SCH B AS INDICATED. PLAN EXAM - APPROVED 05/05/2021	May 5, 2021	No Change
2691	1	278 Nassau LLC	278 Nassau Ave	Job #: 321363797 NEW 4 STORY RESIDENTIAL BUILDING. OBTAIN C OF O FOR 7 DWELLING UNITS. Work on Floor(s): CEL,OSP,ROF 001 thru 004 Job Status: X Signed Off. 12/16/2020. Job #: 321363797 TO FILE STRUCTURAL, FOUNDATION AND SOE WORK IN CONJUNCTION WITH NB APPLICA Work on Floor(s): CEL,001,002,003. Job Status: X Signed Off 12/16/2020.	December 16, 2020	No Change
2691	2	New Nassau Dev LLC	280 Nassau Ave	NB amendment approved 4/15/16 for amendment for occupancy	April 15, 2016	No Change
2691	5	284&286 Nassau Ave LLC	284 Nassau Avenue	NA	NA	No Change
2691	7	290-292 Nassau LLC	290 Nassau Avenue	appl B01195460 installation of mech equip permit issued 10/2/2025	October 2, 2025	No Change

Appendix K-1. New York City Department of Buildings Permit Records
Greenpoint, Brooklyn Properties

Block	Lot	Owner	Address	Last Action[1]	Date of Last Action[1]	Fourth Quarter 2025 Update
2691	8	290-292 Nassau LLC	292 Nassau Avenue	Interior Apartment renovations B00869135 4/22/2025 LOC Issued	April 22, 2025	No Change
2691	9	Biedrzcki Slawomir	292A Nassau Avenue	NA	NA	No Change
2691	11	Gusciora Zbitgniew	69 Hausman Street	NA	NA	No Change
2691	12	Jolanta Tyka	67 Hausman Street	Renovate 3 family dwelling amendment approved 3/29/11	March 29, 2011	No Change
2691	13	T. Roach	65 Hausman Street	NA	NA	No Change
2691	14	Jacek Krysninics	63 Hausman Street	Appl B08002702 for mech equp letter of completion/signed off 5/16/2023 Appl B07996432-I1 modify and install plumbing letter of completion/signed off 5/2/2023 Appl B00741735-I1 Apt Renovation letter of completion/signed off 5/17/2023	May 17, 2023	No Change
2691	15	Tomasz Powaska	61 Hausman Street	NA	NA	No Change
2691	16	MLGL Inc	59 Hausman Street	General renovation of existing 3 story bldg permit issued 4/17/08	April 17, 2008	No Change
2691	17	Elizbieta Gruszka	57 Hausman Street	Boiler. Signed off 2/25/97	February 25, 1997	No Change
2691	18	Irving Flynn	55 Hausman Street	NA	NA	No Change
2691	19	Anibal Rodriquez	53 Hausman Street	Alt application for 1st fl. and basement extension disapprvd 2/14/07	February 14, 2007	No Change
2691	20	John Behnken	51 Hausman Street	NA	NA	No Change
2691	21	T. Pugliesi	49 Hausman Street	NA	NA	No Change
2691	22	Maria Kry Samplawski	47 Hausman Street	NA	NA	No Change
2692	1	Michael D'Annunzio	74 Hausman Street	Appl B00923245 Exterior façade repair restoration Brick and Stone repair permit issued 7/17/2024	July 17, 2024	No Change
2692	2	Zamora Weislaw	296 Nassau Ave	Alt II application for gut rehab of existing building permit issued 3/14/13	March 14, 2013	No Change

Appendix K-1. New York City Department of Buildings Permit Records
Greenpoint, Brooklyn Properties

Block	Lot	Owner	Address	Last Action[1]	Date of Last Action[1]	Fourth Quarter 2025 Update
2692	3	Teresa Zielinski	298 Nassau Avenue	Alt II renovation of apartment on 2nd floor permit issued 4/13/16	April 13, 2016	No Change
2692	4	Salmor Realty LLC	300 Nassau Avenue	Alt I for New CofO 6 family dwellling signed off 4/25/17	April 25, 2017	No Change
2692	5	Teresa Hugel	302 Nassau Avenue	alt II for façade repair signed off 1/25/19	January 25, 2019	No Change
2692	6	Elizabeth Nemeth	304 Nassau Avenue	Plumbing repair. Signed off 12/13/06	December 13, 2006	No Change
2692	8	Cecyli Pienczykowski	306 Nassau Avenue	Install boiler, water heater filed 5/8/07	May 8, 2007	No Change
2692	9	Asto Const corp	308 Nassau Avenue	Alt I erect two story addition on top of story one family dwelling disapproved 11/13/15	January 13, 2015	No Change
2692	11	James Bowturczuk	55 Apollo Street	Alt II for installation of 31.5 KW solar energy roof of occupancy signed off 2/28/19	February 28, 2019	No Change
2692	12	Guy Anna	53 Apollo Street	NA	NA	No Change
2692	13	Charles Fox	51 Apollo Street	NA	NA	No Change
2692	14	Marilyn McCauley	49 Apollo Street	NA	NA	No Change
2692	15	Angelo Cazzola	47 Apollo Street	NA	NA	No Change
2692	16	Joseph Malkowski	45 Apollo Street	NA	NA	No Change
2692	17	Blendermann	43 Apollo Street	Appl B08013993 letter of completion issued 11/6/2023	November 6, 2023	No Change
2692	18	Ewa Zdunozyk	41 Apollo Street	NA	NA	No Change
2692	19	Elizabeth McCabe	39 Apollo Street	Appl Alt II 322064323 amend plumb plan for as-built plan 11/17/2022	November 17,2022	No Change
2692	20	Anthony Latempa	37 Apollo Street	NA	NA	No Change
2692	21	Thomas Petrowski	35 Apollo Street	NA	NA	No Change
2692	22	Kenneth Thompson	31 Apollo Street	NA	NA	No Change
2692	24	Natalie Morrow	29 Apollo Street	NA	NA	No Change
2692	25	Joseph Oleszczuk	27 Apollo Street	NA	NA	No Change

Appendix K-1. New York City Department of Buildings Permit Records
Greenpoint, Brooklyn Properties

Block	Lot	Owner	Address	Last Action[1]	Date of Last Action[1]	Fourth Quarter 2025 Update
2692	26	Christopher Walls	19 Apollo Street	Job #: 340713197. Interior Renovation FL 1: Remove newly installed bathroom, reconfigure NE. Work on Floor(s): 001 thru 002. Job Status: Signed Off. 8/14/20	August 14, 2020	No Change
2692	27	Carol Szumski	17 Apollo Street	NA	NA	No Change
2692	28	James Tinski	15 Apollo Street	NA	NA	No Change
2692	29	Jeffery Carter	13 Apollo Street	plumb repair appl file 12/12/07	December 12, 2007	No Change
2692	30	Jeffery Carter	11 Apollo Street	NA	NA	No Change
2692	31	Alice Wilkowski	9 Apollo Street	NA	NA	No Change
2692	32	Jeffery Carter	777 Meeker Street	Replace masonry wall and roll up gate. Signed off 3/14/95	March 14, 1995	No Change
2692	36	Jeffery Carter	773 Meeker Avenue	NA	NA	No Change
2692	37	Jeffery Carter	771 Meeker Avenue	NA	NA	No Change
2692	38	Joseph Bulger	767 Meeker Avenue	NA	NA	No Change
2692	39	Daniel Koulis	765 Meeker Avenue	NA	NA	No Change
2692	40	Jennie Bulger	763 Meeker Avenue	NA	NA	No Change
2692	41	Barbara Howe	759 Meeker Avenue	NA	NA	No Change
2692	42	Ramon Veliz	757 Meeker avenue	NA	NA	No Change
2692	44	Kathlen Smyth	10 Hausman Street	appl B01141887-S1 appl to modify plumbing fixtures permit issued 10/29/2025	October 29, 2025	appl B01141887-S1 appl to modify plumbing fixtures permit issued 10/29/2025
2692	49	Brugaletta Living Trust	22 Hausman Street	Alt II proposed rehab 1&2 fl due to fire damage permit issued 6/23/15	June 23, 2015	No Change
2692	45	Daniel Valentine	12 Hausman Street	Replace window and store front amended and pemit issued 1/28/11	January 28, 2011	No Change
2692	48	Yhe Properties LLC	20 Hausman Street	Alt II installation of auto smoke heat co detection and sprinkle and fire alarm signed off 11/30/17. subdivision tentative lot numbers UNIT 1#1001,UNIT 2#1002,UNIT 3 # 1003,UNIT 4 #1004,RESIDENTIAL). TOTAL NO OF RESIDENTIAL CONDO UNITS 4 completed application 1/9/18 Alt I to convert building to 4 familes signed off 12/13/17	December 13, 2017	No Change
2692	50	Roy Ratula	30 Hausman Street	NA	NA	No Change
2692	51	Elizabeth Kovacing	32 Hausman Street	Plumbing repair. Signed off 12/11/96	December 11, 1996	No Change

Appendix K-1. New York City Department of Buildings Permit Records
Greenpoint, Brooklyn Properties

Block	Lot	Owner	Address	Last Action[1]	Date of Last Action[1]	Fourth Quarter 2025 Update
2692	52	Elizabeth Kovacing	34 Hausman Street	NA	NA	No Change
2692	53	Yuritz Munoz	36 Hausman Street	Alt II 310240095 amendment approved pending payment of fee 3/24/10	March 24, 2010	No Change
2692	56	Blanca Granados	38 Hausman Street	job #: 321933592 application to supersede alt. 881/89 where work was permitted, 320431733 for converstion of one to 2 family disapproved 2/13/20	February 13, 2020	No Change
2692	57	Krystzna Neuman	44 Hausman Street	Plumbing Repair. Filed 6/13/89	June 13, 1989	No Change
2692	73	Frank Marino	25 Apollo Street	NA	NA	No Change
2692	75	Joseph Makowski	23 Apollo Street	NA	NA	No Change
2692	76	Daniel Sharkey	21 Apollo Street	NA	NA	No Change
2692	121	Noel Mercado	33 Apollo Street	NA	NA	No Change
2693	32	Elvis Felipe	795 Meeker Ave	NA	NA	No Change
2693	33	Leszck Luczaj	791 Meeker Ave	NA	NA	No Change
2693	34	Robert Lewocki	787 Meeker Avenue	alt II Filing herewith plans and application to convert existing four family dwelliing disapproved l 11/30/18. alt II Prop interior renovation of exist 2 story with cellar 4 family frame approved 1/8/19	January 8, 2019	No Change
2693	35	Steven Gottlieb	785 Meeker Avenue	Appl filed to refurbish garage permit renewed 12/17/08	December 17, 2008	No Change
2693	36	Theresa Eisenbach	779 Meeker Avenue	Gas Boiler. Permit 7/29/94	July 29, 1994	No Change
2693	38	Erna Skrzypinski	12 Apollo Street	alt II for equipment use permit for mech equipment siged off 6/17/19	June 17, 2019	No Change
2693	41	Kenneth Charles	18 Apollo Street	NA	NA	No Change
2693	42	Stanley Gates	20 Apollo street	NA	NA	No Change
2693	142	Francis Chesnicka	22 Apollo Street	Replace boiler signed off 11-13-01	November 13, 2001	No Change
2693	45	Tomas Poweska	28 Apollo Street	Alt II filed for painting of 1st and 2nd floor permit issued 10/21/09	October 21, 2009	No Change

Appendix K-1. New York City Department of Buildings Permit Records
Greenpoint, Brooklyn Properties

Block	Lot	Owner	Address	Last Action[1]	Date of Last Action[1]	Fourth Quarter 2025 Update
2693	46	Stanislaw Koczwara	30 Apollo Street	Appl B01007141 filed to restore cellar to previous condition remove partitions etc… as needed to resolve DOB violation Letter of Completion issued 1/6/2025	January 6, 2025	no change
2693	47	Patricia Baumbach	32 Apollo Street	NA	NA	No Change
2693	147	James Perrino	34 Apollo Street	NA	NA	No Change
2693	49	Geogakis Realty Corp.	36 Apollo street	NA	NA	No Change
2693	50	Geogakis Realty Corp.	40 Apollo Street	NB application amended for plumbing 11/20/09	November 20, 2009	No Change
2693	21	Lillian Mills	17 Van Dam Street	Plumbing Repair. Signed off 7/3/04	July 3, 2004	No Change
2693	22	Madeline Donach	15 Van Dam Street	Plumbing Repair. Signed off 6/7/04	June 7, 2004	No Change
2811	1	NYC Parks and Recreation	37 Anthony Street	Job #: 321195434 NEW COMFORT STATION FOR THE MITIGATION AND RESTORATION OF SGT. WILLIAM DOU Work on Floor(s): 001. Job Status: X SIGNED OFF 3/5/2021. Job #: 321195434 NEW COMFORT STATION FOR THE MITIGATION AND RESTORATION OF SGT. WILLIAM DOU Work on Floor(s): 001. Job Status: X SIGNED OFF 3/5/2021 Job #: 321195434 NEW COMFORT STATION FOR THE MITIGATION AND RESTORATION OF SGT. WILLIAM DOU Work on Floor(s): 001. Job Status: X SIGNED OFF 3/5/2021 Job #: 321195434 NEW COMFORT STATION FOR THE MITIGATION AND RESTORATION OF SGT. DOUGHERTY P Work on Floor(s): 001 Job Status: X SIGNED OFF3/5/2021	March 5, 2021	No Change

Appendix K-2. Summary of New York City One-Call Requests and Responses
ExxonMobil Oil Corporation
Greenpoint Remediation Project
Greenpoint, Brooklyn, New York

Date of Mark Out Request	Street Proposed Activities are Located	Proposed Activities that are Being Performed	Company Performing the Work	Routine #	Date of Roux Response to Request	Comments
10/2/2025	Kingsland Ave	Install Drainage System	J. Pizzirusso Landscaping Corp	252392071	10/3/2025	Routine
10/2/2025	Meeker Ave	Pavement Restoration	National Grid	252750265	10/3/2025	Routine
10/2/2025	Kingsland Ave	Install Drainage System	J. Pizzirusso Landscaping Corp	252750984	10/3/2025	Routine
10/2/2025	Kingsland Ave	Install Drainage System	J. Pizzirusso Landscaping Corp	252752100	10/3/2025	Routine
10/3/2025	Meeker Ave	Soil Borings	Aquifer Drilling	252760729	10/3/2025	Routine
10/6/2025	Apollo St	Install New Conduit and Foundation	Verramobility Electrical Enter	252791430	10/7/2025	Routine
10/15/2025	Bridgewater St	Sidewalk Restoration	Tri-Messine Construction	252880013	10/15/2025	Routine
10/17/2025	Varick St	Utility Excavation - Water Service Connections	CAC Industries	252901159	10/17/2025	Routine
10/17/2025	Bridgewater St	Utility Excavation - Water Service Connections	CAC Industries	252901162	10/17/2025	Routine
10/20/2025	Meeker Ave	Soil Borings	Aquifer Drilling	252931352	10/21/2025	Routine
10/21/2025	Kingsland Ave	Install Drainage System	J. Pizzirusso Landscaping Corp	252942335	10/22/2025	Routine
10/21/2025	Kingsland Ave	Install Drainage System	J. Pizzirusso Landscaping Corp	252942340	10/22/2025	Routine
10/21/2025	Kingsland Ave	Install Drainage System	J. Pizzirusso Landscaping Corp	252942344	10/22/2025	Routine
10/22/2025	Stewart Ave	Repair Gas Valve	National Grid	252950251	10/22/2025	Routine
10/22/2025	Greenpoint Ave	Test Pits	Seylone Inc	252952164	10/22/2025	Routine
10/22/2025	Kingsland Ave	Test Pits	Seylone Inc	252952165	10/22/2025	Routine
10/22/2025	Kingsland Ave	Test Pits	Seylone Inc	252952166	10/22/2025	Routine
10/22/2025	Greenpoint Ave	Test Pits	Seylone Inc	252952167	10/22/2025	Routine
10/22/2025	Greenpoint Ave	Test Pits	Seylone Inc	252952168	10/22/2025	Routine
10/24/2025	Norman Ave	Excavation	Trevcon Construction	252971475	10/24/2025	Routine
10/24/2025	Gardner Ave	Pavement Restoration	New York Paving	252971762	10/24/2025	Routine
10/28/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253011788	10/28/2025	Routine
10/28/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253011791	10/28/2025	Routine
10/28/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253011792	10/28/2025	Routine
10/28/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253011793	10/28/2025	Routine
10/28/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253011794	10/28/2025	Routine
10/28/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253011795	10/28/2025	Routine
10/28/2025	Bridgewater St	Tree Pits	HTC Landscaping, Inc.	253011796	10/28/2025	Routine
10/28/2025	Van Dam St	Tree Pits	HTC Landscaping, Inc.	253011815	10/28/2025	Routine
10/28/2025	Bridgewater St	Tree Pits	HTC Landscaping, Inc.	253011817	10/28/2025	Routine
10/28/2025	Bridgewater St	Tree Pits	HTC Landscaping, Inc.	253011818	10/28/2025	Routine
10/28/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253011820	10/28/2025	Routine
10/28/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253011821	10/28/2025	Routine
10/28/2025	Meeker AVe	Tree Pits	HTC Landscaping, Inc.	253011824	10/28/2025	Routine
10/28/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253011825	10/28/2025	Routine
10/28/2025	Apollo St	Tree Pits	HTC Landscaping, Inc.	253011826	10/28/2025	Routine
10/28/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253011861	10/28/2025	Routine
10/28/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253011862	10/28/2025	Routine
10/28/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253011863	10/28/2025	Routine
10/28/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253011864	10/28/2025	Routine
10/28/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253011865	10/28/2025	Routine
10/28/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253011866	10/28/2025	Routine
10/28/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253011867	10/28/2025	Routine
10/28/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253011868	10/28/2025	Routine
10/28/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253011874	10/28/2025	Routine

Appendix K-2. Summary of New York City One-Call Requests and Responses
ExxonMobil Oil Corporation
Greenpoint Remediation Project
Greenpoint, Brooklyn, New York

Date of Mark Out Request	Street Proposed Activities are Located	Proposed Activities that are Being Performed	Company Performing the Work	Routine #	Date of Roux Response to Request	Comments
10/29/2025	Russell St	Repair SL FND In SDWK	E-J Electric	253020712	10/30/2025	Routine
10/30/2025	Bridgewater St	Sidewalk Restoration	Tri-Messine Construction	253030030	10/30/2025	Routine
11/5/2025	Varick St	Building Foundation Work	CAC Industries	253090751	11/6/2025	Routine
11/5/2025	Bridgewater St	Building Foundation Work	CAC Industries	253090759	11/6/2025	Routine
11/5/2025	Kingsland Ave	Install Drainage System	J. Pizzirusso Landscaping Corp	253090855	11/6/2025	Routine
11/5/2025	Kingsland Ave	Install Drainage System	J. Pizzirusso Landscaping Corp	253090858	11/6/2025	Routine
11/5/2025	Kingsland Ave	Install Drainage System	J. Pizzirusso Landscaping Corp	253090863	11/6/2025	Routine
11/7/2025	Russell St	Repair SL FND IN SDWK	E-J Electric	253111241	11/7/2025	Routine
11/10/2025	Greenpoint Ave	Excavation	Delphi Plumbing and Heating	253140691	11/10/2025	Routine
11/10/2025	Varick St	Install Footers	Geoconstructors	253142594	11/11/2025	Routine
11/11/2025	Kingsland Ave	Soil Borings	AARCO Environmental	253151748	11/12/2025	Routine
11/11/2025	Varick St	Soil Borings	AARCO Environmental	253151750	11/12/2025	Routine
11/11/2025	Kingsland Ave	Soil Borings	Aquifer Drilling	253151776	11/12/2025	Routine
11/12/2025	Greenpoint Ave	Drill Rig	Aquifer Drilling	253160561	11/12/2025	Routine
11/12/2025	Greenpoint Ave	Drill Rig	Aquifer Drilling	253160562	11/12/2025	Routine
11/12/2025	Kingsland Ave	Soil Borings	Aquifer Drilling	253160575	11/12/2025	Routine
11/12/2025	Greenpoint Ave	Soil Borings	Aquifer Drilling	253160590	11/12/2025	Routine
11/12/2025	Greenpoint Ave	Soil Borings	Aquifer Drilling	253160591	11/12/2025	Routine
11/12/2025	Kingsland Ave	Soil Borings	Coastal Environmental Solution	253162391	11/13/2025	Routine
11/13/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253171258	11/13/2025	Routine
11/13/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253171259	11/13/2025	Routine
11/13/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253171262	11/13/2025	Routine
11/13/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253171263	11/13/2025	Routine
11/17/2025	Bridgewater Street	Sidewalk Restoration	Tri-Messine Construction	253210019	11/17/2025	Routine
11/18/2025	Anthony St	Soil Borings	D.K. Drilling of New York	253220555	11/19/2025	Routine
11/18/2025	Anthony St	Soil Borings	D.K. Drilling of New York	253220556	11/19/2025	Routine
11/18/2025	Anthony St	Soil Borings	D.K. Drilling of New York	253220557	11/19/2025	Routine
11/18/2025	Anthony St	Soil Borings	D.K. Drilling of New York	253220558	11/19/2025	Routine
11/18/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253221090	11/18/2025	Routine
11/18/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253221091	11/19/2025	Routine
11/18/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253221092	11/18/2025	Routine
11/18/2025	Sutton St	Tree Pits	HTC Landscaping, Inc.	253221093	11/18/2025	Routine
11/18/2025	Sutton St	Tree Pits	HTC Landscaping, Inc.	253221094	11/18/2025	Routine
11/18/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253221097	11/18/2025	Routine
11/18/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253221115	11/18/2025	Routine
11/18/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253221116	11/18/2025	Routine
11/18/2025	Bridgewater St	Tree Pits	HTC Landscaping, Inc.	253221127	11/18/2025	Routine
11/18/2025	Apollo St	Tree Pits	HTC Landscaping, Inc.	253221128	11/18/2025	Routine
11/18/2025	Morgan Ave	Tree Pits	HTC Landscaping, Inc.	253221129	11/18/2025	Routine
11/18/2025	Apollo St	Tree Pits	HTC Landscaping, Inc.	253221131	11/18/2025	Routine
11/18/2025	Bridgewater St	Tree Pits	HTC Landscaping, Inc.	253221144	11/18/2025	Routine
11/18/2025	Bridgewater St	Tree Pits	HTC Landscaping, Inc.	253221146	11/18/2025	Routine
11/19/2025	Kingsland Ave	Soil Borings	Conetec	253232065	11/21/2025	Routine
11/20/2025	Kingsland Ave	Install Recovery Well	Delta Well and Pump	253240957	11/21/2025	Routine
11/20/2025	Van Dam St	Tree Pits	HTC Landscaping, Inc.	253241408	11/21/2025	Routine

Appendix K-2. Summary of New York City One-Call Requests and Responses
ExxonMobil Oil Corporation
Greenpoint Remediation Project
Greenpoint, Brooklyn, New York

Date of Mark Out Request	Street Proposed Activities are Located	Proposed Activities that are Being Performed	Company Performing the Work	Routine #	Date of Roux Response to Request	Comments
11/20/2025	Apollo St	Tree Pits	HTC Landscaping, Inc.	253241409	11/21/2025	Routine
11/20/2025	Apollo St	Tree Pits	HTC Landscaping, Inc.	253241410	11/21/2025	Routine
11/20/2025	Van Dam St	Tree Pits	HTC Landscaping, Inc.	253241411	11/21/2025	Routine
11/20/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253241412	11/21/2025	Routine
11/20/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253241413	11/21/2025	Routine
11/20/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253241414	11/21/2025	Routine
11/20/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253241415	11/21/2025	Routine
11/20/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253241416	11/21/2025	Routine
11/20/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253241417	11/21/2025	Routine
11/20/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253241418	11/21/2025	Routine
11/20/2025	Hausman St	Tree Pits	HTC Landscaping, Inc.	253241433	11/21/2025	Routine
11/20/2025	Norman Ave	Tree Pits	HTC Landscaping, Inc.	253241434	11/21/2025	Routine
11/20/2025	Meeker Ave	Tree Pits	HTC Landscaping, Inc.	253241435	11/21/2025	Routine
11/24/2025	Kingsland Ave	Install Water, Electric and Sewer	Bancker Construction	253282156	11/25/2025	Routine
11/25/2025	Varick St	Building Foundation Work	CAC Industries	253291472	11/25/2025	Routine
11/25/2025	Bridgewater St	Building Foundation Work	CAC Industries	253291473	11/25/2025	Routine
11/26/2025	Bridgewater St	Sidewalk Restoration	Tri-Messine Construction	253300127	11/26/2025	Routine
11/26/2025	Greenpoint Ave	Drill Rig	Aquifer Drilling	253300660	11/26/2025	Routine
11/26/2025	Greenpoint Ave	Drill Rig	Aquifer Drilling	253300662	11/26/2025	Routine
11/26/2025	Kingsland Ave	Soil Borings	Aquifer Drilling	253300663	11/26/2025	Routine
11/26/2025	Greenpoint Ave	Soil Borings	Aquifer Drilling	253300667	11/26/2025	Routine
11/26/2025	Greenpoint Ave	Soil Borings	Aquifer Drilling	253300673	11/26/2025	Routine
11/28/2025	Kingsland Ave	Install Drainage System	J. Pizzirusso Landscaping Corp	253320287	12/1/2025	Routine
11/28/2025	Kingsland Ave	Install Drainage System	J. Pizzirusso Landscaping Corp	253320288	12/1/2025	Routine
11/28/2025	Kingsland Ave	Install Drainage System	J. Pizzirusso Landscaping Corp	253320289	12/1/2025	Routine
12/1/2025	Kingsland Ave	Install Recovery Well	Ziegenfuss	253351938	12/2/2025	Routine
12/1/2025	Kingsland Ave	Hand Clearing	United AM Services Inc	253352007	12/2/2025	Routine
12/2/2025	Russell St	Emergency - Repair Gas Leak	National Grid	253362065	12/2/2025	Emergency
12/3/2025	Van Dam St	Roadway Restoration	Tri-Messine Construction	253371182	12/3/2025	Routine
12/5/2025	Norman Ave	Repair Electric Secondary	Con Edison	253390654	12/5/2025	Routine
12/9/2025	N Henry St	Soil Borings	Jersey Boring & Drilling	253431332	12/9/2025	Routine
12/9/2025	Varick St	Excavation of Soil	Pro Safety LLC	253431397	12/9/2025	Routine
12/11/2025	Greenpoint Ave	Drill Rig	Aquifer Drilling	253450671	12/12/2025	Routine
12/11/2025	Greenpoint Ave	Drill Rig	Aquifer Drilling	253450678	12/12/2025	Routine
12/11/2025	Kingsland Ave	Soil Borings	Aquifer Drilling	253450683	12/12/2025	Routine
12/11/2025	Greenpoint Ave	Soil Borings	Aquifer Drilling	253450690	12/12/2025	Routine
12/11/2025	Bridgewater St	Install Electric Conduit	MECC Contracting	253451285	12/12/2025	Routine
12/12/2025	Bridgewater St	Sidewalk Restoration	Tri-Messine Construction	253460055	12/12/2025	Routine
12/15/2025	Varick St	Building Foundation Work	CAC Industries	253490302	12/15/2025	Routine
12/15/2025	Bridgewater St	Building Foundation Work	CAC Industries	253490304	12/15/2025	Routine
12/15/2025	Russell St	Repair Gas Valve	National Grid	253490977	12/15/2025	Routine
12/16/2025	Van Dam St	Roadway Restoration	Tri-Messine Construction	253501514	12/17/2025	Routine
12/17/2025	Kingsland Ave	Install Drainage System	J. Pizzirusso Landscaping Corp	253510765	12/17/2025	Routine
12/17/2025	Kingsland Ave	Install Drainage System	J. Pizzirusso Landscaping Corp	253510767	12/17/2025	Routine
12/17/2025	Kingsland Ave	Install Drainage System	J. Pizzirusso Landscaping Corp	253510768	12/17/2025	Routine

Appendix K-2. Summary of New York City One-Call Requests and Responses
ExxonMobil Oil Corporation
Greenpoint Remediation Project
Greenpoint, Brooklyn, New York

Date of Mark Out Request	Street Proposed Activities are Located	Proposed Activities that are Being Performed	Company Performing the Work	Routine #	Date of Roux Response to Request	Comments
12/18/2025	N Henry St	Repair SL FND in SDWK	E-J Electric	253521119	12/18/2025	Routine
12/24/2025	Bridgewater St	Install Electric Conduit	MECC Contracting	253580182	12/29/2025	Routine
12/26/2025	Greenpoint Ave	Drill Rig	Aquifer Drilling	253600296	12/29/2025	Routine
12/26/2025	Greenpoint Ave	Soil Borings	Aquifer Drilling	253600298	12/29/2025	Routine

APPENDIX L

Summary Table of Recovery Well CVOC Analytical Data

Appendix L. Summary Table of Recovery Well CVOC Analytical Data, 400 Kingsland Avenue, Brooklyn, New York

Sample Designation:			RW-14	RW-14	RW-14	RW-16	RW-16	RW-16	RW-17	RW-17	RW-17	RW-18	RW-18	RW-18
Sample Date:			10/21/2025	11/18/2025	12/10/2025	10/21/2025	11/18/2025	12/10/2025	10/21/2025	11/18/2025	12/10/2025	10/21/2025	11/18/2025	12/10/2025
Normal or Field Duplicates:			N	N	N	N	N	N	N	N	N	N	N	N
Parameters	NYSDEC Ambient Water-Quality Standards and Guidance	Units												
1,1,1,2-Tetrachloroethane	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	UG/L	1.2	1 U	1 U	1.7	1.5	1.4	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	**0.04**	UG/L	1 U	1 U	**0.29 J**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	**0.6**	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethyl Vinyl Ether	--	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Chloride	--	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	UG/L	1.2	1.2	1 U	0.43 J	0.49 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	**5**	UG/L	2.8	2.6	3	**10**	**10**	**8.9**	**16**	**16**	**15**	0.67 J	0.62 J	0.73 J
Cis-1,3-Dichloropropene	--	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	**5**	UG/L	1 U	1 U	1 U	0.61 J	0.54 J	0.36 J	**36**	**32**	**33**	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	--	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,4-Dichloro-2-Butene	5	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethylene (TCE)	**5**	UG/L	1 U	1 U	1 U	2.5	2.1	1.8	**11**	**11**	**11**	1 U	1 U	1 U
Trichlorofluoromethane	5	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	**2**	UG/L	0.79 J	1 U	0.99 J	0.66 J	0.51 J	0.47 J	1 U	0.54 J	0.7 J	1 U	1 U	1 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
T - Indicates that a quality control parameter has exceeded laboratory limits
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Appendix L. Summary Table of Recovery Well CVOC Analytical Data, 400 Kingsland Avenue, Brooklyn, New York

Parameters	NYSDEC Ambient Water-Quality Standards and Guidance	Units	Sample Designation:	RW-20	RW-20	RW-21	RW-21	RW-24	RW-24	RW-24	RW-25	RW-25	RW-25	RW-28
			Sample Date:	10/21/2025	11/18/2025	12/10/2025	10/21/2025	11/18/2025	10/21/2025	11/18/2025	12/10/2025	10/21/2025	11/18/2025	12/10/2025	10/21/2025
			Normal or Field Duplicates:	N	N	N	N	N	N	N	N	N	N	N	N
1,1,1,2-Tetrachloroethane	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
1,1,2,2-Tetrachloroethane	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
1,1,2-Trichloroethane	1	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
1,1-Dichloroethane	5	UG/L		1 U	1 U	1 U	1 U	1 U	0.85 J	0.75 J	1 U	0.7 J	0.56 J	0.59 J	5 U
1,1-Dichloroethene	5	UG/L		1 U	1 U	1 U	1 U	1 U	0.8 J	0.82 J	0.98 J	1 U	1 U	1 U	3.1 J
1,1-Dichloropropene	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
1,2,3-Trichlorobenzene	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
1,2,3-Trichloropropane	**0.04**	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
1,2-Dichloroethane	**0.6**	UG/L		1 U	1 U	1 U	1 U	1 U	**1.8**	**2**	**1.9**	1 U	1 U	1 U	5 U
1,2-Dichloropropane	1	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
1,3-Dichloropropane	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
2,2-Dichloropropane	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
2-Chloroethyl Vinyl Ether	--	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Benzyl Chloride	--	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Bromodichloromethane	50	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Chlorobenzene	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Chloroethane	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Chloroform	7	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Chloromethane	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Cis-1,2-Dichloroethylene	**5**	UG/L		1 U	1 U	1 U	0.86 J	0.91 J	**24**	**25**	**26**	2.1	1.7	1.4	**730**
Cis-1,3-Dichloropropene	--	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Dibromochloromethane	50	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Dichlorodifluoromethane	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Tetrachloroethylene (PCE)	**5**	UG/L		1 U	1 U	1 U	1 U	1 U	**190**	**210**	**210**	1 U	1 U	1 U	**1800**
Trans-1,2-Dichloroethene	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Trans-1,3-Dichloropropene	--	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Trans-1,4-Dichloro-2-Butene	5	UG/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U
Trichloroethylene (TCE)	**5**	UG/L		1 U	1 U	1 U	1.4	1.7	**30**	**32**	**31**	1 U	1 U	1 U	**160**
Trichlorofluoromethane	5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
Vinyl Chloride	**2**	UG/L		1 U	1 U	1 U	1 U	1 U	**4.1**	**2.8**	**2.8**	0.5 J	1 U	1 U	**46**

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
T - Indicates that a quality control parameter has exceeded laboratory limits
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Appendix L. Summary Table of Recovery Well CVOC Analytical Data, 400 Kingsland Avenue, Brooklyn, New York

Sample Designation:			RW-28	RW-29	RW-29	RW-A	RW-A	RW-A	RW-C	RW-C	RW-C	RW-D	RW-D	RW-D
Sample Date:			12/10/2025	10/21/2025	11/18/2025	10/28/2025	11/13/2025	12/11/2025	10/28/2025	11/13/2025	12/11/2025	10/28/2025	11/13/2025	12/11/2025
Normal or Field Duplicates:			N	N	N	N	N	N	N	N	N	N	N	N
Parameters	NYSDEC Ambient Water-Quality Standards and Guidance	Units												
1,1,1,2-Tetrachloroethane	5	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	UG/L	5 U	2.1	1.9	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	UG/L	3.3 J	0.69 J	0.55 J	0.62 J	0.54 J	1 U	0.48 J	0.45 J	0.52 J	1 U	1 U	1 U
1,1-Dichloropropene	5	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	**0.04**	UG/L	5 U	**1.4**	**1.7**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	**0.6**	UG/L	5 U	1 U	1 U	**11**	**13**	**10**	**4**	**4.1**	**3.7**	1 U	1 U	1 U
1,2-Dichloropropane	1	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane	5	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane	5	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethyl Vinyl Ether	--	UG/L	5 UT	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Chloride	--	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	0.9 J	0.85 J	0.82 J	1.1	1.1	1.1
Chloroethane	5	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	5	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	**5**	UG/L	**550**	**38**	**37**	**44**	**47**	**44**	**14**	**15**	**13**	**20**	**18**	**17**
Cis-1,3-Dichloropropene	--	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	**5**	UG/L	**1900**	3.3	3.3	**200**	**210**	**210**	**180**	**180**	**190**	**39**	**37**	**38**
Trans-1,2-Dichloroethene	5	UG/L	5 U	1 U	1 U	1.2	1.2	1.1	1 U	1 U	1 U	1.5	1 U	1.3
Trans-1,3-Dichloropropene	--	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,4-Dichloro-2-Butene	5	UG/L	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethylene (TCE)	**5**	UG/L	**160**	**8.7**	**8.8**	**79**	**82**	**77**	**22**	**22**	**23**	**19**	**18**	**17**
Trichlorofluoromethane	5	UG/L	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	**2**	UG/L	**46**	1 U	1.6	1.8	**2.2**	**2.8**	1.2	1.3	1.3	1.7	1.5	1.7

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
T - Indicates that a quality control parameter has exceeded laboratory limits
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Appendix L. Summary Table of Recovery Well CVOC Analytical Data, 400 Kingsland Avenue, Brooklyn, New York

Sample Designation:			RW-F	RW-F	RW-F	RW-H	RW-H	RW-I	RW-I	RW-K	RW-K	RW-K	RW-L	RW-L
Sample Date:			10/28/2025	11/13/2025	12/11/2025	11/18/2025	12/10/2025	11/18/2025	12/10/2025	10/28/2025	11/13/2025	12/11/2025	10/28/2025	11/13/2025
Normal or Field Duplicates:			N	N	N	N	N	N	N	N	N	N	N	N
Parameters	NYSDEC Ambient Water-Quality Standards and Guidance	Units												
1,1,1,2-Tetrachloroethane	5	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.88 J	1 U	1 U
1,1-Dichloroethene	5	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1.8	1.7	1.7	1.3	1.1
1,1-Dichloropropene	5	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	**0.04**	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	**0.6**	UG/L	1 U	5 U	1 U	**8.5**	**6.9**	**2.9**	**4.8**	**12**	**12**	**11**	**3**	**2.7**
1,2-Dichloropropane	1	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane	5	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane	5	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chloroethyl Vinyl Ether	--	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Chloride	--	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	UG/L	1.4	5 U	1.4	1 U	1 U	1.2	1.4	0.28 J	1 U	0.35 J	1 U	1 U
Chloroethane	5	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	5	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	**5**	UG/L	1.6	1.7 J	1.4	**6.4**	**5.7**	**5.2**	**7.4**	**87**	**87**	**86**	**99**	**93**
Cis-1,3-Dichloropropene	--	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	**5**	UG/L	4.5	2.6 J	4.3	**40**	**41**	**26**	**38**	**260**	**270**	**260**	**110**	**120**
Trans-1,2-Dichloroethene	5	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1.5	1.6	1.6	3.5	3.5
Trans-1,3-Dichloropropene	--	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,4-Dichloro-2-Butene	5	UG/L	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethylene (TCE)	**5**	UG/L	1.3	1.1 J	1.4	**17**	**17**	**12**	**21**	**200**	**210**	**210**	**570**	**590**
Trichlorofluoromethane	5	UG/L	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	**2**	UG/L	1 U	5 U	1 U	1 U	1 U	1.3	2	**4.7**	**5.5**	**5.5**	**7.8**	**7.2**

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
T - Indicates that a quality control parameter has exceeded laboratory limits
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Appendix L. Summary Table of Recovery Well CVOC Analytical Data, 400 Kingsland Avenue, Brooklyn, New York

			Sample Designation:	RW-L	RW-M	RW-M	RW-M
			Sample Date:	12/11/2025	10/28/2025	11/13/2025	12/11/2025
			Normal or Field Duplicates:	N	N	N	N
Parameters	NYSDEC Ambient Water-Quality Standards and Guidance	Units					
1,1,1,2-Tetrachloroethane	5	UG/L	1 U	1 U	5 U	1 U
1,1,2,2-Tetrachloroethane	5	UG/L	1 U	1 U	5 U	1 U
1,1,2-Trichloroethane	1	UG/L	1 U	1 U	5 U	1 U
1,1-Dichloroethane	5	UG/L	1 U	1 U	5 U	1 U
1,1-Dichloroethene	5	UG/L	1.2	1 U	5 U	1 U
1,1-Dichloropropene	5	UG/L	1 U	1 U	5 U	1 U
1,2,3-Trichlorobenzene	5	UG/L	1 U	1 U	5 U	1 U
1,2,3-Trichloropropane	**0.04**	UG/L	1 U	1 U	5 U	1 U
1,2-Dichloroethane	**0.6**	UG/L	**2.8**	1 U	5 U	1 U
1,2-Dichloropropane	1	UG/L	1 U	1 U	5 U	1 U
1,3-Dichloropropane	5	UG/L	1 U	1 U	5 U	1 U
2,2-Dichloropropane	5	UG/L	1 U	1 U	5 U	1 U
2-Chloroethyl Vinyl Ether	--	UG/L	1 U	1 U	5 U	1 U
Benzyl Chloride	--	UG/L	1 U	1 U	5 U	1 U
Bromodichloromethane	50	UG/L	1 U	1 U	5 U	1 U
Chlorobenzene	5	UG/L	1 U	4.4	3.3 J	1.1
Chloroethane	5	UG/L	1 U	1 U	5 U	1 U
Chloroform	7	UG/L	1 U	1 U	5 U	1 U
Chloromethane	5	UG/L	1 U	1 U	5 U	1 U
Cis-1,2-Dichloroethylene	**5**	UG/L	**90**	0.64 J	5 U	2.3
Cis-1,3-Dichloropropene	--	UG/L	1 U	1 U	5 U	1 U
Dibromochloromethane	50	UG/L	1 U	1 U	5 U	1 U
Dichlorodifluoromethane	5	UG/L	1 U	1 U	5 U	1 U
Tetrachloroethylene (PCE)	**5**	UG/L	**120**	2.5	3 J	**6.2**
Trans-1,2-Dichloroethene	5	UG/L	3.6	1 U	5 U	1 U
Trans-1,3-Dichloropropene	--	UG/L	1 U	1 U	5 U	1 U
Trans-1,4-Dichloro-2-Butene	5	UG/L	10 U	10 U	50 U	10 U
Trichloroethylene (TCE)	**5**	UG/L	**550**	1 U	5 U	3.9
Trichlorofluoromethane	5	UG/L	1 U	1 U	5 U	1 U
Vinyl Chloride	**2**	UG/L	**6.9**	1 U	5 U	1 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
T - Indicates that a quality control parameter has exceeded laboratory limits
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above
the NYSDEC AWQSGVs

APPENDIX M

Field Activity Photographs



Photograph 1: RW infrastructure for RW-16R and RW-29R



Photograph 2: RW infrastructure for RW-16R and RW-29R



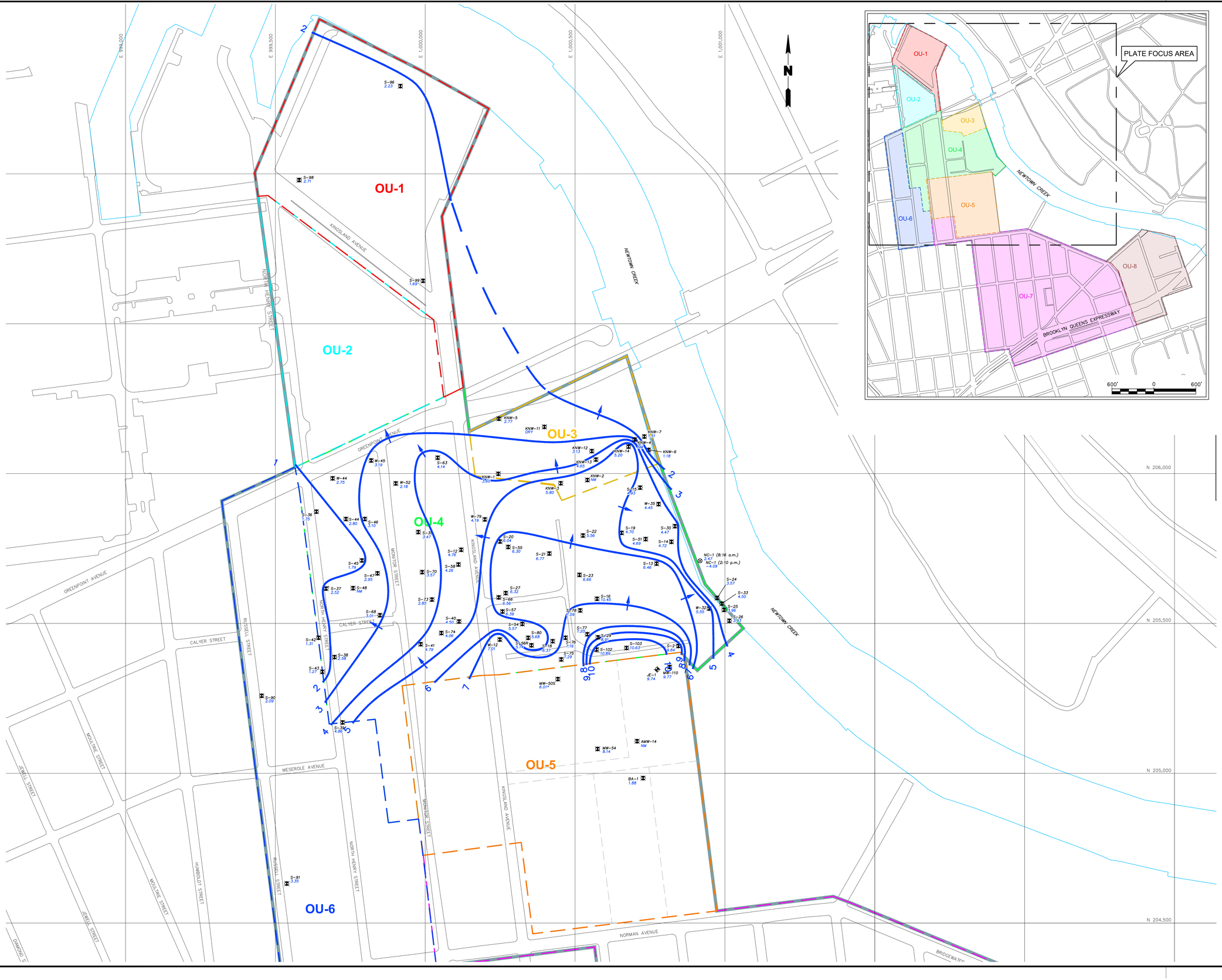
Photograph 3: RW-16R Installation



Photograph 4: RW-16R Installation

PLATES

1. Shallow Aquifer Groundwater Elevations – November 6, 2025
2. Shallow Aquifer Apparent Free-Product Thickness – November 6, 2025
3. Regional Aquifer Groundwater Elevations – November 6, 2025
4. Regional Aquifer Apparent Free-Product Thickness – November 6, 2025
5. Regional Aquifer Corrected Free-Product Thickness – November 6, 2025
6. Regional Aquifer Free-Product Surface Elevations – November 6, 2025
7. Soil Vapor Monitoring Network



LEGEND

- OU-1 — OU-1, FORMER LUBE PLANT
- OU-2 — OU-2, FORMER NORTHERN CRUDE YARD
- OU-3 — OU-3, 460 KINGSLAND AVE. PARCEL
- OU-4 — OU-4, FORMER BROOKLYN TERMINAL
- OU-5 — OU-5, SOUTHERN FORMER REFINERY PROPERTIES
- OU-6 — OU-6, WESTERN OFF-SITE AREA
- OU-7 — OU-7, SOUTHERN OFF-SITE AREA
- OU-8 — OU-8, EASTERN OFF-SITE AREA
- CONSENT DECREE SITE BOUNDARY
- S-25 3.96 — LOCATION AND DESIGNATION OF EXISTING SHALLOW AQUIFER MONITORING WELL GROUNDWATER ELEVATION
- NM — NOT MEASURED
- * — NOT USED IN CONTOURING
- DRY — WELL DRY
- 2 — LINE OF EQUAL GROUNDWATER ELEVATION
- DASHED CONTOURS ARE INFERRED BASED ON LIMITED AVAILABLE DATA
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW

NOTES

1. HORIZONTAL LOCATIONS ARE BASED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE, NORTH AMERICAN DATUM OF 1983 (NAD 83).
2. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. THE OU DESCRIPTIONS CONTAINED IN THE ABOVE LEGEND ARE GENERAL DESCRIPTIONS AND ARE NOT MEANT TO BE A COMPLETE, DETAILED DESCRIPTION OF EACH OU. FOR ADDITIONAL INFORMATION REGARDING EACH OU, PLEASE REFER TO PRIOR EMGPRP REPORTS SUBMITTED TO THE NYSDEC.
4. MONITORING WELLS DESIGNATED WITH NM WERE NOT MEASURED, TYPICALLY DUE TO WELL ACCESS ISSUES ENCOUNTERED DURING THE QUARTERLY GAUGING ROUND.

NYSPCS, L.I. ZONE, NAD 83 COORDINATES

N 204,500 —— NORTHING (Y-COORDINATE)
E 1,002,000 —— EASTING (X-COORDINATE)

140' 0 140'

Title:

SHALLOW AQUIFER GROUNDWATER ELEVATIONS NOVEMBER 6, 2025

EXXONMOBIL GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

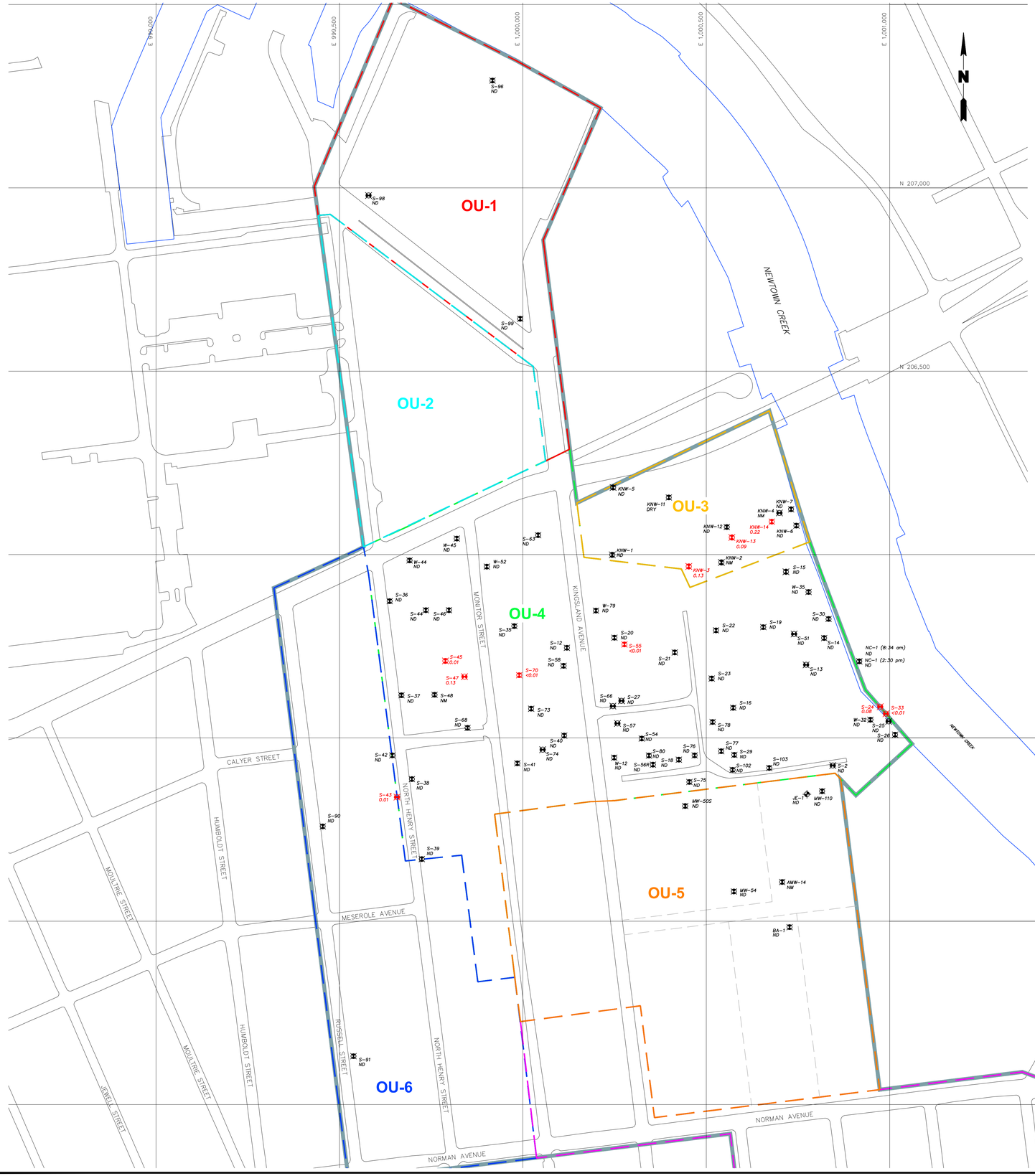
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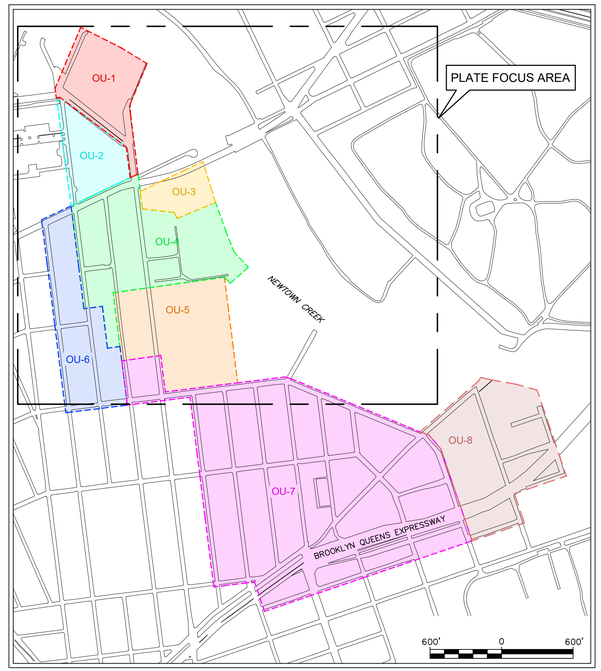
EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

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LEGEND

- OU-1, FORMER LUBE PLANT
- OU-2, FORMER NORTHERN CRUDE YARD
- OU-3, 460 KINGSLAND AVE. PARCEL
- OU-4, FORMER BROOKLYN TERMINAL
- OU-5, SOUTHERN FORMER REFINERY PROPERTIES
- OU-6, WESTERN OFF-SITE AREA
- OU-7, SOUTHERN OFF-SITE AREA
- OU-8, EASTERN OFF-SITE AREA
- CONSENT DECREE SITE BOUNDARY
- S-47 0.05 — LOCATION AND DESIGNATION OF EXISTING SHALLOW AQUIFER MONITORING WELL WITH MEASURABLE FREE-PRODUCT FREE-PRODUCT THICKNESS IN FEET
- W-12 ND — LOCATION AND DESIGNATION OF EXISTING SHALLOW AQUIFER MONITORING WELL WITH NO MEASURABLE FREE-PRODUCT FREE-PRODUCT THICKNESS IN FEET
- NM — NOT MEASURED
- ND — FREE-PRODUCT NOT DETECTED

NOTES

1. HORIZONTAL LOCATIONS ARE BASED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE, NORTH AMERICAN DATUM OF 1983 (NAD 83).
2. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. THE OU DESCRIPTIONS CONTAINED IN THE ABOVE LEGEND ARE GENERAL DESCRIPTIONS AND ARE NOT MEANT TO BE A COMPLETE, DETAILED DESCRIPTION OF EACH OU. FOR ADDITIONAL INFORMATION REGARDING EACH OU, PLEASE REFER TO PRIOR EMGPRP REPORTS SUBMITTED TO THE NYSDEC.
4. MONITORING WELLS DESIGNATED WITH NM WERE NOT MEASURED, TYPICALLY DUE TO WELL ACCESS ISSUES ENCOUNTERED DURING THE QUARTERLY GAUGING ROUND.
5. DURING THE SECOND QUARTER OF 2024, MONITORING WELL FREE-PRODUCT RECOVERY ACTIVITIES WERE CONDUCTED ON APRIL 18, 2024, MAY 16, 2024, AND JUNE 20, 2024, FOR WELLS, S-24, S-25, S-33, S-68, KNW-3, KNW-13, AND KNW-14. FREE-PRODUCT REMOVAL WAS PERFORMED USING A VACUUM TRUCK.

NYSPCS, LI ZONE, NAD 83 COORDINATES

N 204,500 — NORTHING (Y-COORDINATE)
E 1,002,000 — EASTING (X-COORDINATE)

140' 0 140'

Title:

SHALLOW AQUIFER APPARENT FREE-PRODUCT THICKNESS NOVEMBER 6, 2025

EXXONMOBIL GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

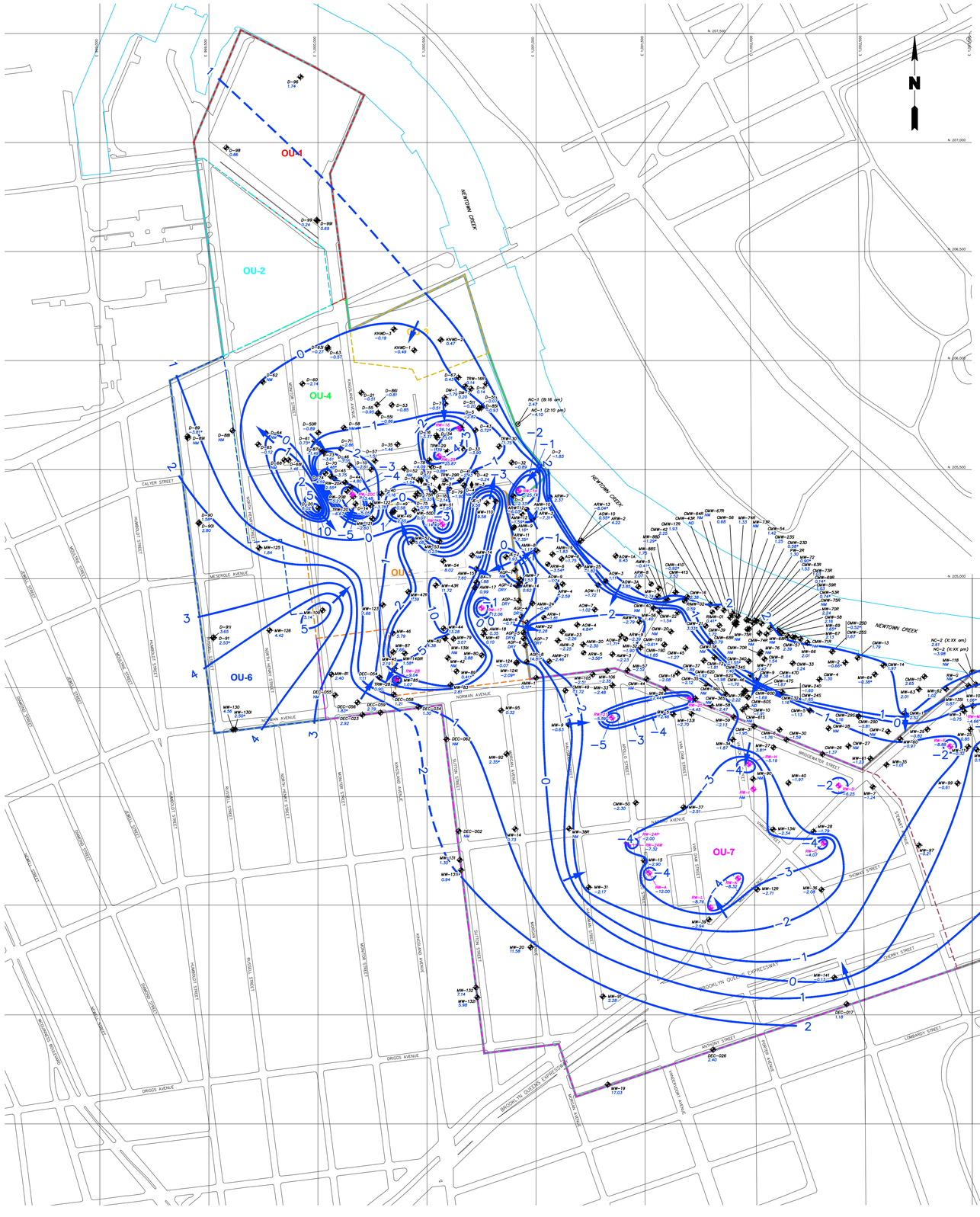
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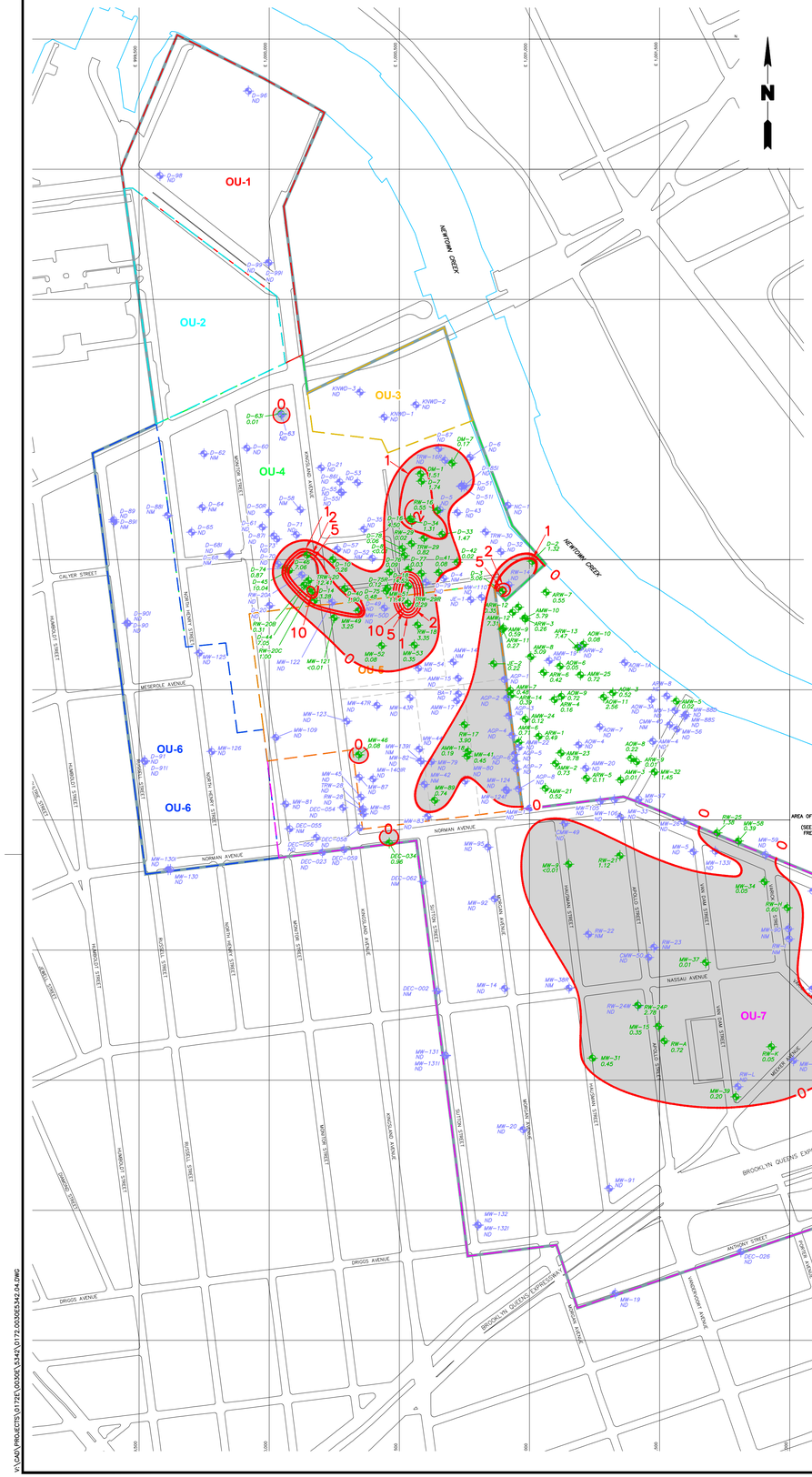
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BROOKLYN, NEW YORK

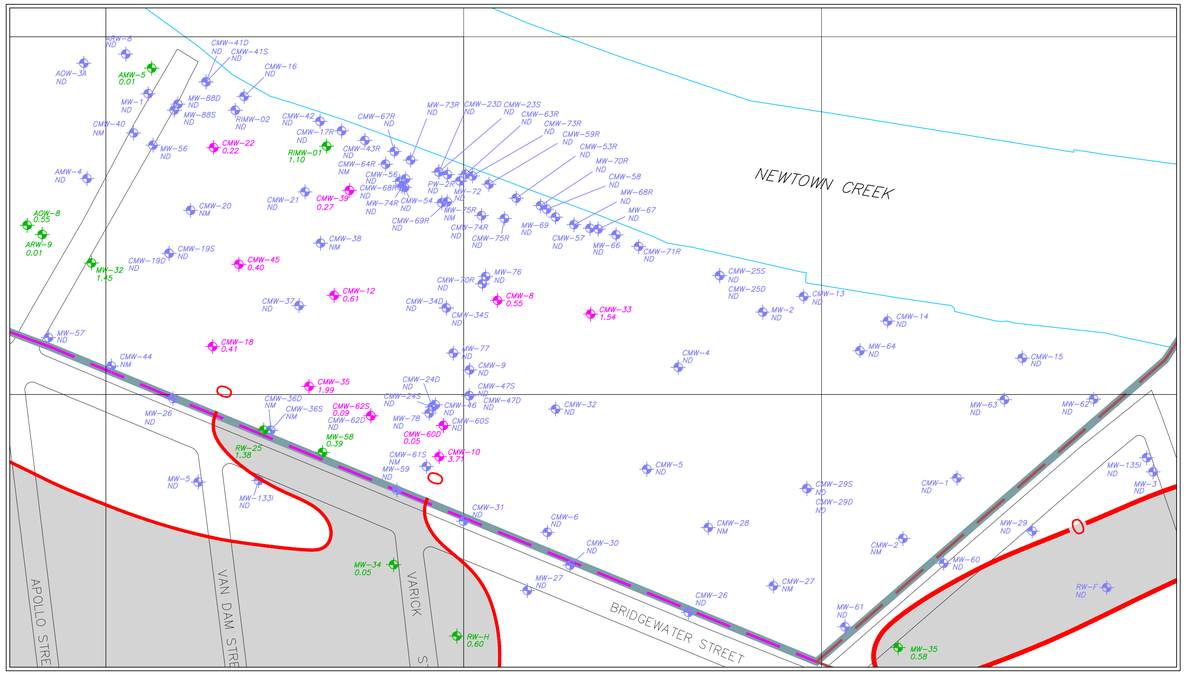
ROUX

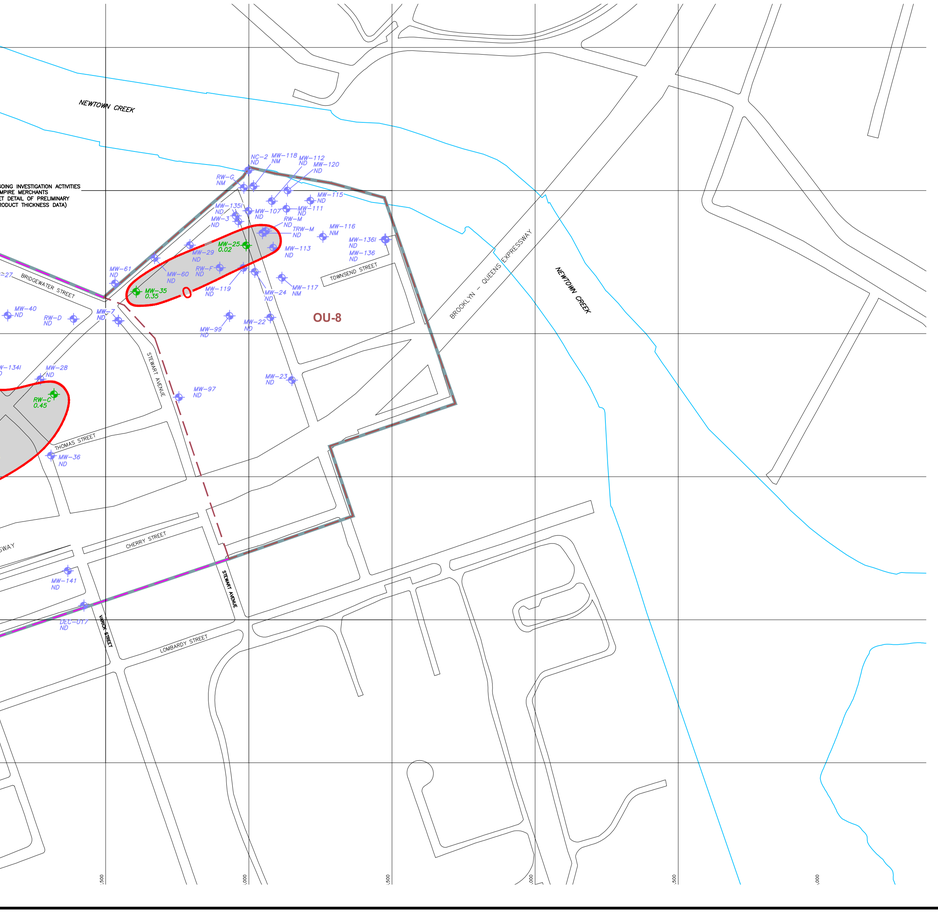
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OU-1
OU-2
OU-4
OU-6
OU-7
OU-8
NEWTOWN CREEK
BROOKLYN QUEENS EXPRESSWAY
MORGAN AVENUE
NORMAN AVENUE
MESEROLE AVENUE
CALYER STREET
GREENPOINT AVENUE
NORTH HENRY STREET
NORTH 14TH STREET
NORTH 15TH STREET
NORTH 16TH STREET
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NORTH 31ST STREET
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LEGEND

- OU-1 — OU-1, FORMER LUBE PLANT
- OU-2 — OU-2, FORMER NORTHERN CRUDE YARD
- OU-3 — OU-3, 460 KINGSLAND AVE. PARCEL
- OU-4 — OU-4, FORMER BROOKLYN TERMINAL
- OU-5 — OU-5, SOUTHERN FORMER REFINERY PROPERTIES
- OU-6 — OU-6, WESTERN OFF-SITE AREA
- OU-7 — OU-7, SOUTHERN OFF-SITE AREA
- OU-8 — OU-8, EASTERN OFF-SITE AREA
- CONSENT DECREE SITE BOUNDARY
- D-46 / 7.05 — LOCATION AND DESIGNATION OF EXISTING REGIONAL AQUIFER (CONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- D-51I / ND — LOCATION AND DESIGNATION OF EXISTING DEEP REGIONAL AQUIFER (CONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- MW-35 / 0.58 — LOCATION AND DESIGNATION OF EXISTING/REGIONAL AQUIFER (UNCONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- MW-133I / ND — LOCATION AND DESIGNATION OF EXISTING DEEP REGIONAL AQUIFER (UNCONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- MW-500 / ND — LOCATION AND DESIGNATION OF REGIONAL AQUIFER MONITORING WELL SCREENED DEEP (BELOW CLAY LAYER); FREE-PRODUCT THICKNESS IN FEET
- RW-K / 0.05 — LOCATION AND DESIGNATION OF EXISTING REGIONAL AQUIFER RECOVERY WELL; FREE-PRODUCT THICKNESS IN FEET
- CMW-8 / 0.55 — LOCATION AND DESIGNATION OF EXISTING MONITORING WELL INSTALLED BY CHEVRON/TEXACO; FREE-PRODUCT THICKNESS IN FEET

MONITORING WELL COLOR CODE SCHEME

- BLUE — DESIGNATES MONITORING WELL WHERE NO FREE-PRODUCT WAS DETECTED
- GREEN — DESIGNATES MONITORING WELL WHERE FREE-PRODUCT WAS DETECTED
- MAGENTA — DESIGNATES EMPIRE MERCHANTS MONITORING WELLS WHERE FREE-PRODUCT WAS DETECTED
- NM — NOT MEASURED
- ND — FREE-PRODUCT NOT DETECTED
- 1 — LINE OF EQUAL FREE-PRODUCT THICKNESS, IN FEET; DASHED WHERE INFERRED
- APPROXIMATE EXTENT OF FREE-PRODUCT THICKNESS; DASHED WHERE INFERRED

RECOVERY WELL FLOW RATES AT TIME OF MEASUREMENT

DESIGNATION	FLOW RATE (GPM)
RW-A	29
RW-C	60
RW-D	21
RW-F	34
RW-H	60
RW-I	--
RW-K	79
RW-L	45
RW-M	4
RW-14	30
RW-16	9
RW-17	69
RW-18	9
RW-20	3
RW-21	61
RW-24	15
RW-25	79
RW-28	13
RW-29	5

GPM – GALLONS PER MINUTE

NOTES

1. HORIZONTAL LOCATIONS ARE BASED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE, NORTH AMERICAN DATUM OF 1983 (NAD 83).
2. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. MONITORING WELLS D-2 THROUGH D-15 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. FROM APRIL 1981 THROUGH JUNE 1981.
4. MONITORING WELLS D-16 THROUGH D-20 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. FROM MARCH 1982 THROUGH APRIL 1982.
5. MONITORING WELLS D-21 THROUGH D-22 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. IN AUGUST 1989.
6. MONITORING WELLS D-30 THROUGH D-35 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. FROM MAY 2000 THROUGH JUNE 2000.
7. MONITORING WELLS MW-1 THROUGH MW-21 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM DECEMBER 1990 THROUGH JANUARY 1991.
8. MONITORING WELLS MW-22 THROUGH MW-25 WERE INSTALLED BY ROUX ASSOCIATES, INC. IN JULY 1991.
9. MONITORING WELLS MW-26 THROUGH MW-29 WERE INSTALLED BY ROUX ASSOCIATES, INC. ON APRIL 2-4, 1996.
10. MONITORING WELLS MW-30 AND MW-31 WERE INSTALLED ON SEPTEMBER 19, 1997 AND OCTOBER 3, 1997, RESPECTIVELY, BY ROUX ASSOCIATES, INC.
11. MONITORING WELLS MW-32 THROUGH MW-39 WERE INSTALLED ON JUNE 25, 2001 THROUGH JULY 11, 2001 BY ROUX ASSOCIATES, INC.
12. NYCDEP MONITORING WELLS WERE INSTALLED BY MALCOLM PIRNIE FROM MARCH 2001 THROUGH JULY 2001.
13. MONITORING WELLS D-40 THROUGH D-47, MW-40 THROUGH MW-49, MW-50S, MW-500, AND MW-51 THROUGH MW-54 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM NOVEMBER 2002 THROUGH JANUARY 2003. MONITORING WELLS D-48 THROUGH D-50 AND MW-55 WERE INSTALLED BY ROUX ASSOCIATES, INC. IN SEPTEMBER 2003.
14. MONITORING WELLS MW-56 THROUGH MW-79 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM JULY 2004 THROUGH DECEMBER 2004.
15. MONITORING WELLS MW-80 THROUGH MW-100 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM JULY 2006 THROUGH JANUARY 2007.
16. MONITORING WELLS MW-101 THROUGH MW-110 AND D-51 THROUGH D-68 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM SEPTEMBER 2007 THROUGH AUGUST 2008.
17. MONITORING WELLS MW-111 THROUGH MW-119 AND D-70 THROUGH D-74 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM NOVEMBER 2008 THROUGH OCTOBER 2009.
18. MONITORING WELLS D-75 THROUGH D-78 AND MW-120 THROUGH MW-122 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM OCTOBER 2010 THROUGH APRIL 2011.
19. FREE-PRODUCT THICKNESSES IN OPERATING RECOVERY WELLS ARE OMITTED FOR CONTOURING PURPOSES.
20. SOME FREE-PRODUCT THICKNESS CONTOURS IN THE VICINITY OF THE FORMER MOBIL BROOKLYN TERMINAL HAVE BEEN OMITTED FOR CLARITY.
21. FREE-PRODUCT THICKNESSES WITHIN NYCDEP REGIONAL AQUIFER MONITORING WELLS WERE OMITTED FOR CONTOURING PURPOSES BASED ON WELL CONSTRUCTION INFORMATION PROVIDED BY MALCOLM PIRNIE THAT INDICATED THAT THESE WELLS WERE SCREENED BELOW THE KNOWN REGION OF FREE-PRODUCT.
22. SYMBOL COLORS FOR MONITORING WELLS THAT WERE NOT MEASURED (NM DESIGNATION) DURING THIS QUARTER'S GAUGING EVENT WERE ASSIGNED BASED ON HISTORIC / RECENT GAUGING DATA THAT INDICATED THE PRESENCE OF, OR LACK OF, FREE-PRODUCT WITHIN THE ASSOCIATED MONITORING WELL.
23. MONITORING WELLS D-851 THROUGH D-991, MW-123 THROUGH MW-126, AND MW-130 THROUGH MW-138I WERE INSTALLED BY ROUX ASSOCIATES INC. BETWEEN OCTOBER 2012 AND MARCH 2013.
24. THE OU DESCRIPTIONS CONTAINED IN THE ABOVE LEGEND ARE GENERAL DESCRIPTIONS AND ARE NOT MEANT TO BE A COMPLETE, DETAILED DESCRIPTION OF EACH OU. FOR ADDITIONAL INFORMATION REGARDING EACH OU, PLEASE REFER TO PRIOR EM2RP REPORTS SUBMITTED TO THE NYSDEC.
25. MONITORING WELLS DESIGNATED WITH NM WERE NOT MEASURED, TYPICALLY DUE TO WELL ACCESS ISSUES ENCOUNTERED DURING THE QUARTERLY GAUGING ROUND.
26. MONITORING WELL MW-141 WAS INSTALLED BY ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C. (ROUX) IN SEPTEMBER 2021.
27. MONITORING WELLS MW-12R AND MW-38R WERE INSTALLED BY ROUX IN 2021.
28. MONITORING WELLS MW-43, MW-47 AND MW-140I WERE DESTROYED DURING THIRD PARTY CONSTRUCTION ACTIVITIES AND WERE REINSTALLED IN JULY 2022 BY ROUX AS MW-43R, MW-47R AND MW-140IR RESPECTIVELY.

NYSPCS, L.I. ZONE, NAD 83 COORDINATES
N 204,500 —— NORTHING (Y-COORDINATE)
E 1,002,000 —— EASTING (X-COORDINATE)

Title:

REGIONAL AQUIFER APPARENT FREE-PRODUCT THICKNESS NOVEMBER 6, 2025

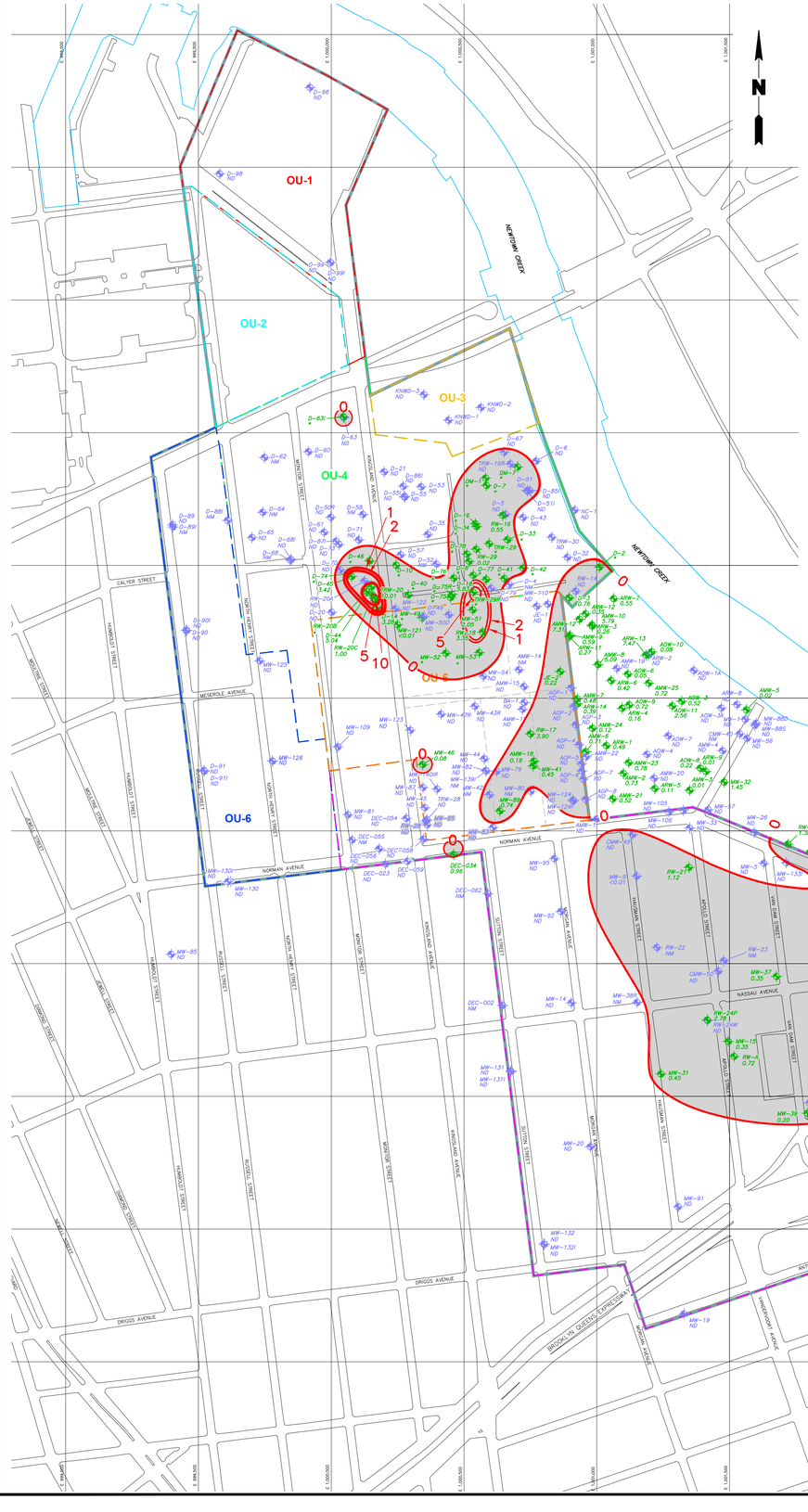
EXXONMOBIL GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

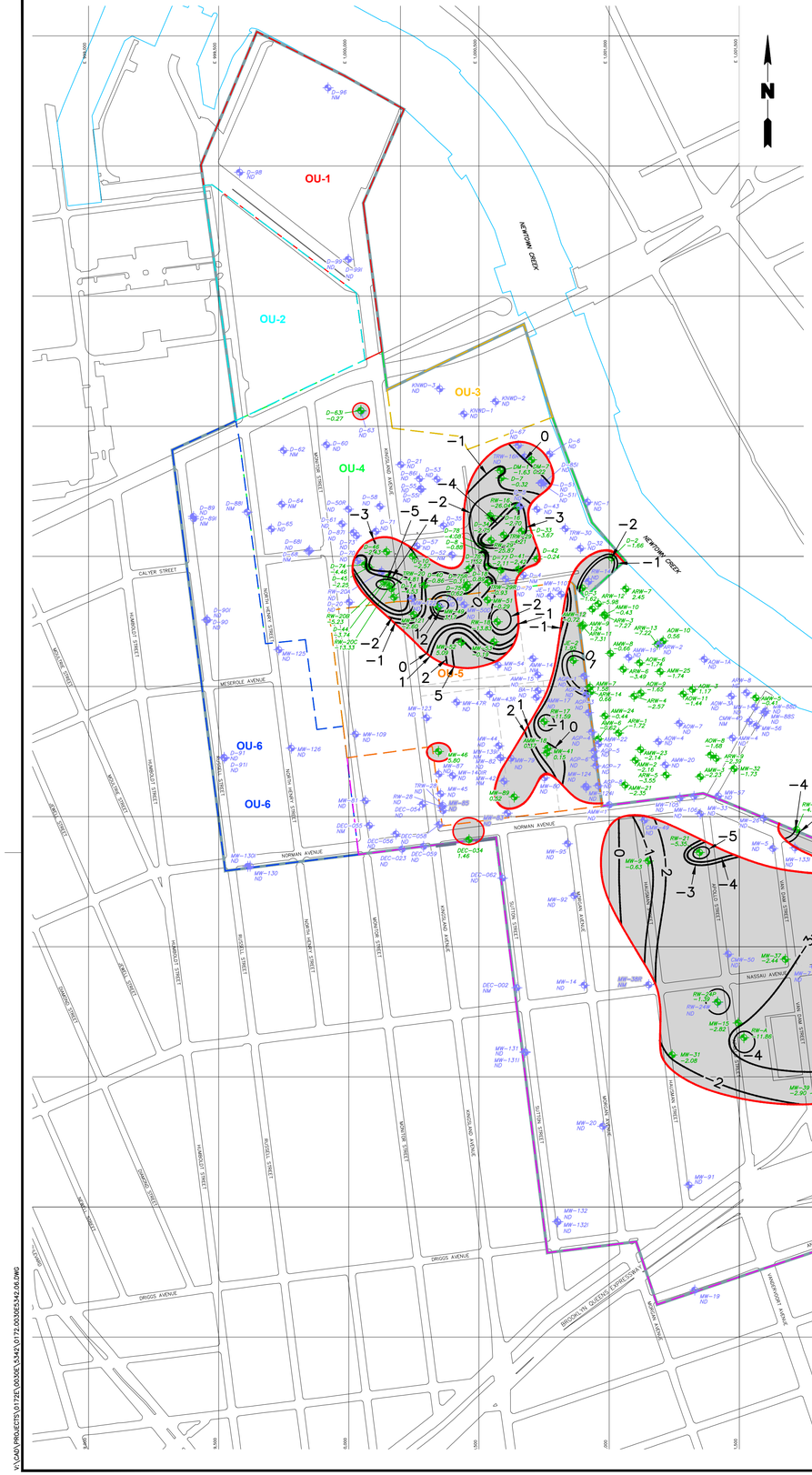
Prepared for:
EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

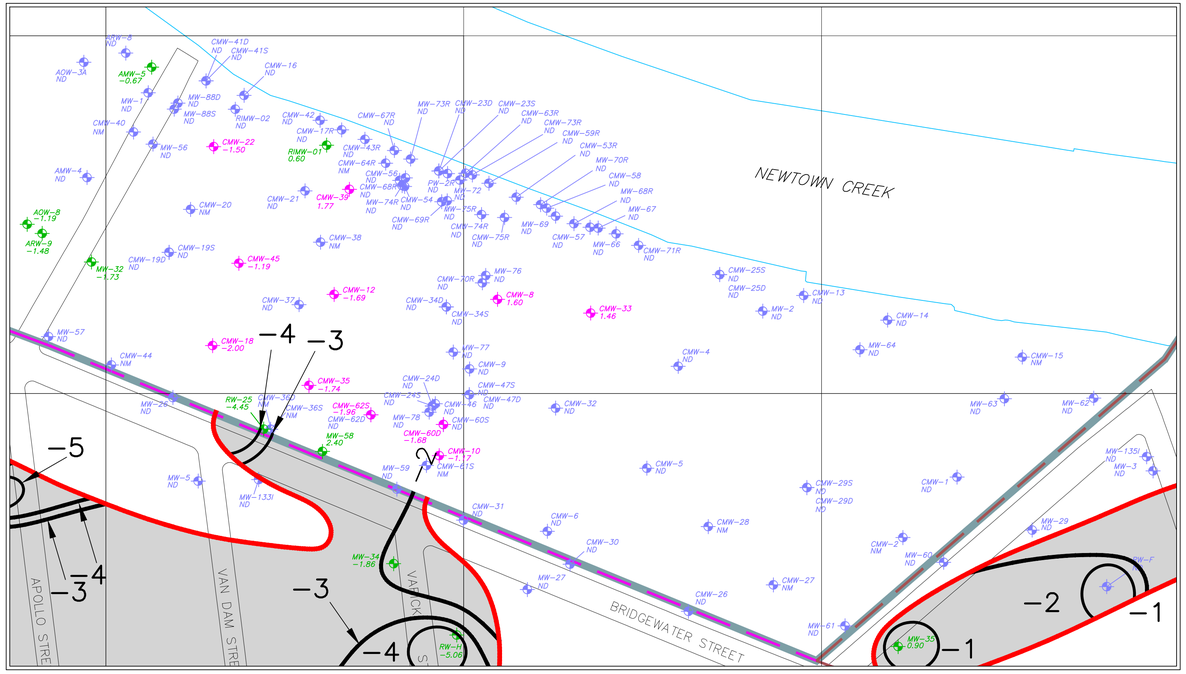
ROUX

Compiled by: M.H.	Date: 28JAN26	PLATE 4
Prepared by: G.M.	Scale: AS SHOWN	
Project Mgr: C.P.	Project: 0172.0030E120	
File: 0172.0030E5342.04.DWG		

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OU-2
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OU-6
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CALVER STREET
MESEROLE AVENUE
NORMAN AVENUE
DRIGGS AVENUE
MESEROLE STREET
KINGSLAND AVENUE
MORGAN AVENUE
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HAMILTON AVENUE
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RECOVERY WELL FLOW RATES AT TIME OF MEASUREMENT

DESIGNATION	FLOW RATE (GPM)
RW-A	34
RW-C	62
RW-D	22
RW-F	33
RW-H	35
RW-I	--
RW-K	77
RW-L	30
RW-M	5
RW-14	32
RW-16	9
RW-17	70
RW-18	9
RW-20	3
RW-21	55
RW-24	14
RW-25	76
RW-28	14
RW-29	2

GPM – GALLONS PER MINUTE

NYSPCS, L.I. ZONE, NAD 83 COORDINATES
N 204,500 —— NORTHING (Y-COORDINATE)
E 1,002,000 —— EASTING (X-COORDINATE)

LEGEND

- OU-1 — OU-1, FORMER LUBE PLANT
- OU-2 — OU-2, FORMER NORTHERN CRUDE YARD
- OU-3 — OU-3, 460 KINGSLAND AVE. PARCEL
- OU-4 — OU-4, FORMER BROOKLYN TERMINAL
- OU-5 — OU-5, SOUTHERN FORMER REFINERY PROPERTIES
- OU-6 — OU-6, WESTERN OFF-SITE AREA
- OU-7 — OU-7, SOUTHERN OFF-SITE AREA
- OU-8 — OU-8, EASTERN OFF-SITE AREA
- CONSENT DECREE SITE BOUNDARY
- D-46 / -2.22 — LOCATION AND DESIGNATION OF EXISTING REGIONAL AQUIFER (CONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- D-51I / ND — LOCATION AND DESIGNATION OF EXISTING DEEP REGIONAL AQUIFER (CONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- MW-32 / -0.98 — LOCATION AND DESIGNATION OF EXISTING/REGIONAL AQUIFER (UNCONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- MW-133I / ND — LOCATION AND DESIGNATION OF EXISTING DEEP REGIONAL AQUIFER (UNCONFINED) MONITORING WELL; FREE-PRODUCT THICKNESS IN FEET
- MW-50D / ND — LOCATION AND DESIGNATION OF REGIONAL AQUIFER MONITORING WELL SCREENED DEEP (BELOW CLAY LAYER); FREE-PRODUCT THICKNESS IN FEET
- RW-C / -3.49 — LOCATION AND DESIGNATION OF EXISTING REGIONAL AQUIFER RECOVERY WELL; FREE-PRODUCT THICKNESS IN FEET
- CMW-8 / 1.49 — LOCATION AND DESIGNATION OF EXISTING MONITORING WELL INSTALLED BY CHEVRON/TEXACO; FREE-PRODUCT THICKNESS IN FEET

MONITORING WELL COLOR CODE SCHEME

- BLUE — DESIGNATES MONITORING WELL WHERE NO FREE-PRODUCT WAS DETECTED
- GREEN — DESIGNATES EXXONMOBIL / BP MONITORING WELL WHERE FREE-PRODUCT WAS DETECTED
- MAGENTA — DESIGNATES EMPIRE MERCHANTS MONITORING WELL WHERE FREE-PRODUCT WAS DETECTED
- NM — NOT MEASURED
- * — NOT USED IN CONTOURING
- 1 — LINE OF EQUAL FREE-PRODUCT SURFACE ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- APPROXIMATE EXTENT OF FREE-PRODUCT THICKNESS; DASHED WHERE INFERRED
- APPROXIMATE DIRECTION OF FLOW

NOTES

1. HORIZONTAL LOCATIONS ARE BASED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE, NORTH AMERICAN DATUM OF 1983 (NAD 83).
2. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. MONITORING WELLS D-2 THROUGH D-15 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. FROM APRIL 1981 THROUGH JUNE 1981.
4. MONITORING WELLS D-16 THROUGH D-20 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. FROM MARCH 1982 THROUGH APRIL 1982.
5. MONITORING WELLS D-21 THROUGH D-22 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. IN AUGUST 1989.
6. MONITORING WELLS D-30 THROUGH D-35 WERE INSTALLED BY LEGGETTE, BRASHEARS & GRAHAM, INC. FROM MAY 2000 THROUGH JUNE 2000.
7. MONITORING WELLS MW-1 THROUGH MW-21 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM DECEMBER 1990 THROUGH JANUARY 1991.
8. MONITORING WELLS MW-22 THROUGH MW-25 WERE INSTALLED BY ROUX ASSOCIATES, INC. IN JULY 1991.
9. MONITORING WELLS MW-26 THROUGH MW-29 WERE INSTALLED BY ROUX ASSOCIATES, INC. ON APRIL 2–4, 1996.
10. MONITORING WELLS MW-30 AND MW-31 WERE INSTALLED ON SEPTEMBER 19, 1997 AND OCTOBER 3, 1997, RESPECTIVELY, BY ROUX ASSOCIATES, INC.
11. MONITORING WELLS MW-32 THROUGH MW-39 WERE INSTALLED ON JUNE 25, 2001 THROUGH JULY 11, 2001 BY ROUX ASSOCIATES, INC.
12. NYCDEP MONITORING WELLS WERE INSTALLED BY MALCOLM PIRNIE FROM MARCH 2001 THROUGH JULY 2001.
13. MONITORING WELLS D-40 THROUGH D-47, MW-40 THROUGH MW-49, MW-50S, MW-50D, AND MW-51 THROUGH MW-54 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM NOVEMBER 2002 THROUGH JANUARY 2003. MONITORING WELLS D-48 THROUGH D-50 AND MW-55 WERE INSTALLED BY ROUX ASSOCIATES, INC. IN SEPTEMBER 2003.
14. MONITORING WELLS MW-56 THROUGH MW-79 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM JULY 2004 THROUGH DECEMBER 2004.
15. MONITORING WELLS MW-80 THROUGH MW-100 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM JULY 2006 THROUGH JANUARY 2007.
16. MONITORING WELLS MW-101 THROUGH MW-110 AND D-51 THROUGH D-68 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM SEPTEMBER 2007 THROUGH AUGUST 2008.
17. MONITORING WELLS MW-111 THROUGH MW-119 AND D-70 THROUGH D-74 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM NOVEMBER 2008 THROUGH OCTOBER 2009.
18. MONITORING WELLS D-75 THROUGH D-78 AND MW-120 THROUGH MW-122 WERE INSTALLED BY ROUX ASSOCIATES, INC. FROM OCTOBER 2010 THROUGH APRIL 2011.
19. FREE-PRODUCT THICKNESSES IN OPERATING RECOVERY WELLS ARE OMITTED FOR CONTOURING PURPOSES.
20. SOME FREE-PRODUCT THICKNESS CONTOURS IN THE VICINITY OF THE FORMER MOBIL BROOKLYN TERMINAL HAVE BEEN OMITTED FOR CLARITY.
21. FREE-PRODUCT THICKNESSES WITHIN NYCDEP REGIONAL AQUIFER MONITORING WELLS WERE OMITTED FOR CONTOURING PURPOSES BASED ON WELL CONSTRUCTION INFORMATION PROVIDED BY MALCOLM PIRNIE THAT INDICATED THAT THESE WELLS WERE SCREENED BELOW THE KNOWN REGION OF FREE-PRODUCT.
22. SYMBOL COLORS FOR MONITORING WELLS THAT WERE NOT MEASURED (NM DESIGNATION) DURING THIS QUARTER'S GAUGING EVENT WERE ASSIGNED BASED ON HISTORIC / RECENT GAUGING DATA THAT INDICATED THE PRESENCE OF, OR LACK OF, FREE-PRODUCT WITHIN THE ASSOCIATED MONITORING WELL.
23. MONITORING WELLS D-85I THROUGH D-99I, MW-123 THROUGH MW-126, AND MW-130 THROUGH MW-138I WERE INSTALLED BY ROUX ASSOCIATES INC. BETWEEN OCTOBER 2012 AND MARCH 2013.
24. THE OU DESCRIPTIONS CONTAINED IN THE ABOVE LEGEND ARE GENERAL DESCRIPTIONS AND ARE NOT MEANT TO BE A COMPLETE, DETAILED DESCRIPTION OF EACH OU. FOR ADDITIONAL INFORMATION REGARDING EACH OU, PLEASE REFER TO PRIOR EMGPRP REPORTS SUBMITTED TO THE NYSDEC.
25. MONITORING WELLS DESIGNATED WITH NM WERE NOT MEASURED, TYPICALLY DUE TO WELL ACCESS ISSUES ENCOUNTERED DURING THE QUARTERLY GAUGING ROUND.
26. MONITORING WELL MW-141 WAS INSTALLED BY ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C. (ROUX) IN SEPTEMBER 2021.
27. MONITORING WELLS MW-12R AND MW-38R WERE INSTALLED BY ROUX IN 2021.
28. MONITORING WELLS MW-43, MW-47 AND MW-140I WERE DESTROYED DURING THIRD PARTY CONSTRUCTION ACTIVITIES AND WERE REINSTALLED IN JULY 2022 BY ROUX AS MW-43R, MW-47R AND MW-140IR RESPECTIVELY.

250' 0 250'

Title:

REGIONAL AQUIFER FREE-PRODUCT SURFACE ELEVATIONS NOVEMBER 6, 2025

EXXONMOBIL GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

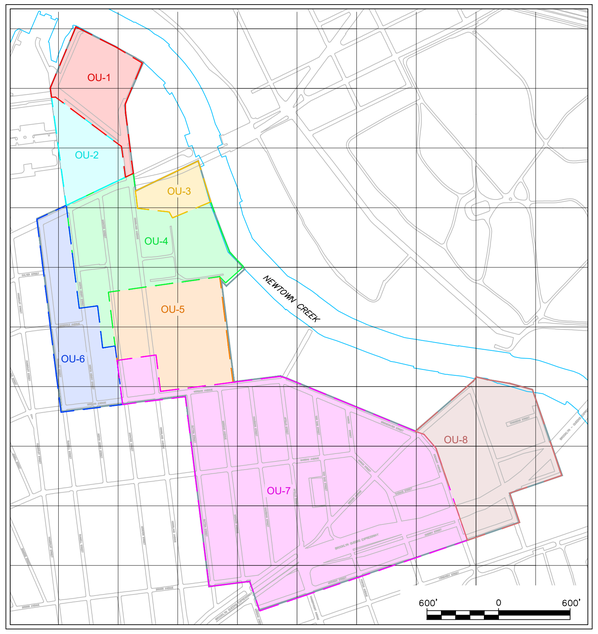
Prepared for:

EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

Compiled by: M.H.	Date: 03FEB26	PLATE	
Prepared by: G.M.	Scale: AS SHOWN	6	
Project Mgr: C.P.	Project: 0172.0030E120		
File: 0172.0030E5342.06.DWG			

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OPERABLE UNIT KEY

N

LEGEND

OU-1	OU-1, FORMER LUBE PLANT
OU-2	OU-2, FORMER NORTHERN CRUDE YARD
OU-3	OU-3, 460 KINGSLAND AVE. PARCEL
OU-4	OU-4, FORMER BROOKLYN TERMINAL
OU-5	OU-5, SOUTHERN FORMER REFINERY PROPERTIES
OU-6	OU-6, WESTERN OFF-SITE AREA
OU-7	OU-7, SOUTHERN OFF-SITE AREA
OU-8	OU-8, EASTERN OFF-SITE AREA
	CONSENT DECREE SITE BOUNDARY
MP-57	LOCATION AND DESIGNATION OF NESTED PERMANENT SOIL VAPOR MONITORING POINT (2 PER LOCATION) SAMPLING INTERVALS: S= 2-3 FOOT DEPTH D= 7-8 FOOT DEPTH
MP-44	LOCATION AND DESIGNATION OF PERMANENT SOIL VAPOR MONITORING POINT (1 PER LOCATION) SAMPLING INTERVAL: 2-3 FOOT DEPTH
MP-64	LOCATION AND DESIGNATION OF PERMANENT SOIL VAPOR MONITORING POINT (1 PER LOCATION) SAMPLING INTERVALS: 7-8 FOOT DEPTH
MP-33(SG-18)	LOCATION AND DESIGNATION OF PERMANENT MONITORING POINT WITH CORRESPONDING HISTORICAL TEMPORARY SOIL VAPOR SAMPLING POINT IN PARENTHESIS

NOTES

1. 4.MP-45 WAS SCREENED AT 1 TO 2 FEET BELOW LAND SURFACE. 5.MP-88D AND 5.MP-89D WERE INSTALLED AT 6 TO 7 FEET BELOW LAND SURFACE DUE TO WATER ENCOUNTERED BELOW THIS DEPTH. 8.MP-77DR WAS INSTALLED 5 TO 6 FEET BELOW LAND SURFACE.
2. 4.MP-45 WAS SCREENED AT 1 TO 2 FEET BELOW LAND SURFACE, 5.MP-87D WAS SCREENED AT 5 TO 6 FEET BELOW LAND SURFACE, AND 5.MP-88D AND 5.MP-89D WERE INSTALLED AT 6 TO 7 FEET BELOW LAND SURFACE DUE TO WATER ENCOUNTERED BELOW THIS DEPTH.
3. SOIL VAPOR SAMPLES 7.MP-27, 7.MP-28, 7.MP-30, 7.MP-31, AND 7.MP-33 WERE COLLECTED USING INDIVIDUALLY CERTIFIED CLEAN SUMMA CANISTERS.
4. 5.MP-58S, MP-58D, MP-59, MP-87S AND MP-87D COULD NOT BE SAMPLED AS THEY WERE INACCESSIBLE DUE TO THIRD-PARTY CONSTRUCTION ACTIVITIES.
5. THE OU DESCRIPTIONS CONTAINED IN THE ABOVE LEGEND ARE GENERAL DESCRIPTIONS AND ARE NOT MEANT TO BE COMPLETE, DETAILED DESCRIPTION OF EACH OU. FOR ADDITIONAL INFORMATION REGARDING EACH OU, PLEASE REFER TO PRIOR EMGRP REPORTS SUBMITTED TO THE NYSDEC.

NYSPCS, L.I. ZONE, NAD 83 COORDINATES

N 204,500 —— NORTHING (Y-COORDINATE)
E 1,000,000 —— EASTING (X-COORDINATE)

200' 0 200'

Title:

SOIL VAPOR MONITORING POINT FOURTH QUARTER 2025

EXXONMOBIL GREENPOINT PETROLEUM REMEDIATION PROJECT
GREENPOINT, BROOKLYN, NEW YORK

Prepared for:

EXXONMOBIL OIL CORPORATION
BROOKLYN, NEW YORK

ROUX

Compiled by: J.C.	Date: 03MAR26	PLATE
Prepared by: G.M.	Scale: AS SHOWN	
Project Mgr: C.P.	Project: 0172.0030E120	7
File: 0172.0030E5342.07.DWG		

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