Vapor Intrusion Investigation Report

Mr. Cleaners – Shrub Oak Shopping Center
1360 East Main Street
Shrub Oak, New York

October 22, 2026

Prepared for:

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Certification

I, Paul Martorano, P.E, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Vapor Intrusion Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

Paul Martorano, P.E.	October 22, 2026	
NYS Professional Engineer #088403	Date	Signature

1. Introduction

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of Shrub Oak Partners, LLC (herein referred to as the "Participant"), has prepared this Vapor Intrusion Investigation Report (Report) for the Mr. Cleaners – Shrub Oak Shopping Center Site (New York State Department of Environmental Conservation [NYSDEC] Brownfield Cleanup Program [BCP] Site No. C360117), located at 1360 East Main Street, Shrub Oak, New York (Site). The Site was accepted into the BCP as Site No. C360117, and the Brownfield Cleanup Agreement (BCA) was executed on January 27, 2014 (Index No. C360117-11-13). This report replaces the prior version dated July 15, 2026, and incorporates revisions to Table 4 – SSDS Inspection and Monitoring as well as updated Tenant Letters included in Appendix E. These revisions were incorporated into this report as required by NYSDEC, based on email correspondence dated September 24, 2026.

On February 19, 2026, NYSDEC, in consultation with the New York State Department of Health (NYSDOH), issued letters disapproving the Remedial Investigation Report (RIR) and Construction Completion Report (CCR) submitted in May 2025. The disapproval letters identified the need for additional data and requested clarification regarding groundwater quality and the effectiveness of the existing sub-slab depressurization systems (SSDS) in addressing vapor intrusion concerns.

In April 2026, Roux submitted a Vapor Intrusion Investigation Work Plan (VII WP) to address NYSDEC/NYSDOH comments related to vapor intrusion, indoor air quality, and SSDS performance. The VII WP was approved by NYSDEC on April 3, 2026.

This Report summarizes the results of the vapor intrusion investigation (VII) conducted at the Site on April 8, 2026, and provides recommended actions.

Work summarized in this Report was completed in accordance with the NYSDEC-approved VII WP; NYSDEC's Technical Guidance for Site Investigation and Remediation (DER-10, May 2010); NYSDOH's Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006, revised February 2024) (NYSDOH Vapor Intrusion Guidance); and the United States Environmental Protection Agency (USEPA) Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air (June 2015).

1.1 Site Location and Description

The Site occupies approximately 3.47 acres and consists of a single-story building and an asphalt-paved parking lot. The building footprint is approximately 46,586 square feet and is divided into eight tenant spaces occupied by the following:

- Supermarket (ACME Store #2830);
- Dry cleaner, formerly known as Mr. Cleaners;
- Pizzeria;
- United States Postal Service office (US post office);
- Bank (Wells Fargo Bank);
- Laundromat;

- Nail Salon; and
- A vacant space, formerly occupied by a Chase bank.

A figure depicting the Site location and boundaries of the Site is provided as Figure 1.

1.2 Site Investigation and Remediation History

NYSDEC records indicate that environmental concerns at the Site originated from a reported petroleum release on December 31, 2010. The release was associated with a 550-gallon No. 2 fuel oil aboveground storage tank (AST) located behind the former dry-cleaning facility. The release impacted the asphalt surface and a nearby sewer structure and was addressed by Tri-State Environmental Services through removal of the AST and excavation of impacted soils (Spill No. 10-10260).

During remedial activities, a previously unidentified 1,000-gallon underground storage tank (UST) containing petroleum sludge and reported to be in poor condition was discovered and removed, resulting in a second spill case (Spill No. 10-11055). Both spill cases were subsequently closed following removal of the tanks and affected soils. Early investigations also identified chlorinated volatile organic compounds (CVOCs), including tetrachloroethene (PCE) and trichloroethene (TCE), in soil and groundwater at concentrations exceeding applicable standards, indicating impacts associated with historical dry-cleaning operations.

Subsequent investigations conducted between 2011 and 2021 further characterized Site conditions and evaluated potential vapor intrusion. Soil and groundwater sampling confirmed the presence of CVOCs, including PCE, TCE, and cis-1,2-dichloroethene, with groundwater concentrations exceeding NYSDEC standards in multiple locations.

Vapor intrusion investigations initiated in 2016 identified elevated sub-slab soil vapor concentrations, which led to the installation of SSDS as an interim remedial measure. Two SSDSs were installed between March and April 2016, with one system installed in the dry cleaner space and another installed in the US post O-office by AWT Environmental Services Inc. of Sayreville, New Jersey, under the direction of Excel Environmental Services, Inc. (Excel). A separate SSDS was installed by Sovereign Consulting Inc. (Sovereign), on behalf of Albertsons Companies, Inc. (Albertsons), in the ACME grocery store tenant space (ACME Store #2830) on July 31 and August 1, 2017, and the system was improved in 2018. Construction Completion Reports (CRR), documenting the installation of the SSDS, have been submitted to NYSDEC on August 29, 2024, by prior consultant, and more recently by Roux on May 2, 2025, as requested by NYSDEC to revise earlier version of the CRR. The SSDSs installed by prior consultants serve as an IRM to address current Site conditions while the remedial site investigation and the final remedy can be implemented. Subsequent monitoring indicated that indoor air concentrations were generally below regulatory guidelines; however, CVOCs persisted in sub-slab vapor and groundwater, necessitating continued operation of the mitigation systems.

More recent remedial investigation (RI) activities conducted by Excel and Roux between 2012 and 2024 expanded upon prior findings to further delineate the nature and extent of contamination and support remedy development. These investigations included the collection of soil, groundwater, soil vapor, and indoor air data; installation and evaluation of monitoring wells and vapor sampling points; and completion of qualitative exposure assessments. Overall, residual source material appears to remain in limited areas

of soil beneath the rear of the dry cleaner, resulting in the presence of CVOCs in groundwater and soil vapor.

During a site visit in November 2023, it was found that the dry cleaner had used a spotting agent, Puro, containing TCE. This product was not observed by Roux during prior inventories. The dry cleaner was informed to no longer use the product. Data collected during Roux's February 2024 SVI assessment suggested that TCE indoor concentrations are primarily caused by tenant operations, rather than soil vapor intrusion, as evidenced by higher concentrations of TCE in indoor air of the pizzeria and bank when compared with concentrations of these indoor air samples' corresponding sub-slab samples.

Based on follow-up inventories and communications with the Site owner, the Puro spotting agent was reportedly discontinued and was not observed during the 2026 product inventory. A formal request was made by the Site owner to the dry-cleaning operator to discontinue use of this spotting agent and any other products containing CVOCs.

The objective of the 2026 VII was to collect updated sub-slab soil vapor, indoor air, and outdoor ambient air data and to further evaluate the performance of the existing sub-slab depressurization system (SSDS). The findings of the 2026 VII provides insight into current conditions and recommendations for continued SSDS operation, optimization, and monitoring of engineering controls, along with evaluation of additional remedial measures to ensure the long-term protection of human health.

2. Vapor Intrusion Investigation

The following sections summarize the work performed by Roux and its subcontractors during the 2026 vapor intrusion investigation (VII). The VII was completed in accordance with the NYSDEC-approved Vapor Intrusion Investigation Work Plan (VII WP) and in general conformance with NYSDEC DER-10 and applicable NYSDOH Vapor Intrusion Guidance.

2.1 Objectives

The objectives of the VII were to collect updated sub-slab soil vapor, indoor air, and outdoor ambient air data and to further evaluate the performance of the existing sub-slab depressurization system (SSDS) under current site conditions.

2.2 Site Reconnaissance

On March 11, 2026, Roux conducted a site inspection to verify access to existing sub-slab vapor monitoring points (VMPs). The inspection included an assessment of the accessibility and physical integrity of each VMP (e.g., seal condition, tubing condition). Roux observed that all points identified in the VII WP for sampling were available and accessible for sampling.

Sampling locations are summarized in Table 1 and illustrated in Figure 2.

2.3 SSDS Performance Inspection and Monitoring

SSDS performance inspection and monitoring occurred on April 8, 2026, and included the collection of vacuum and air velocity measurements at six (6) extraction points. Monitoring locations included extraction points VMP-1, VMP-2, VMP-3, and extraction header point V-3 at the ACME store; extraction point EP-1 at the dry cleaner; and extraction point EP-2/VMS-2 at the US post office. Nomenclature for extraction points was established by prior consultants: both ‘VMP’ and ‘EP’ are used in previous documents to refer to extraction or monitoring points associated with the SSDS. These measurements were collected to evaluate sub-slab pressure conditions while the SSDS was operating.

In addition, three (3) emission point samples were collected on April 8, 2026, at EP-1, EP-2, and V-3 and submitted to Eurofins in Edison, New Jersey, a NYSDOH ELAP-certified laboratory, and analyzed for volatile organic compounds (VOC) in accordance with USEPA Method TO-15.

SSDS performance data and associated laboratory analytical results were used to evaluate air emissions generated by the SSDS.

2.4 Building Observations and Product Inventory

As part of the VII, the building was inspected for potential preferential vapor intrusion pathways (e.g., slab cracks, utility penetrations, or connections to adjacent structures). During sampling, the building was maintained under normal operating conditions, including closed doors and windows and operation of the heating, ventilation, and air conditioning (HVAC) system and SSDS. A discussion of the observations is included in the results section of this Report.

An inventory of on-site products was completed in accordance with NYSDOH Soil Vapor Intrusion Guidance. The completed NYSDOH Indoor Air Quality Questionnaire and Building Inventory Form is provided in Appendix B. A photolog documenting sampling locations and site conditions is included in Appendix C. The prior spotting agent used by the dry-cleaning operator was no longer observed during the 2026 product inventory.

2.5 VI Sampling

On April 8, 2026, a total of six (6) co-located sub-slab soil vapor and indoor air sample pairs (MP-1/IA-1, MP-3/IA-3, MP-6/IA-6, MP-15/IA-15, MP-8R/IA-8R, and MP-13/IA-13) were collected. In addition, one (1) duplicate indoor air sample and one (1) outdoor ambient air sample (AMB-1) were collected. Sampling was conducted while the SSDS was operational to evaluate system effectiveness under normal operating conditions.

The six (6) co-located sub-slab soil vapor and indoor air sample pairs are distributed among tenant spaces as follows:

- ACME Store: Two collocated samples MP-1/IA-1 and MP-3/IA-3
- Dry Cleaner: Two collocated samples MP-6/IA-6, MP-15/IA-15
- Pizzeria: MP-8R/IA-8R
- US post office: MP-13/IA-13

Sub-slab samples were collected using existing sampling ports.

Prior to sampling, total VOC concentrations were measured using a photoionization detector (PID). The integrity of each sub-slab vapor port seal was verified using a helium leak test to ensure that samples were not influenced by ambient air intrusion. Following confirmation of seal integrity, sub-slab vapor samples were collected using dedicated tubing connected to pre-cleaned, laboratory-certified 6-liter SUMMA® canisters equipped with calibrated flow controllers set for an 8-hour sampling duration.

Co-located indoor air samples were collected adjacent to the sub-slab vapor sampling locations at an approximate height of 3 feet above the floor using batch-certified stainless steel SUMMA® canisters equipped with pre-set flow controllers for 8-hour sampling durations. One outdoor ambient air sample was collected downwind of the building at location AMB-1.

For all samples, field personnel recorded sample location, start and stop times, initial and final canister pressures, flow controller identification, room conditions, weather conditions, and other relevant observations. Sampling documentation is provided in Appendix A.

All SUMMA® canisters were transported under chain-of-custody procedures to Eurofins in Edison, New Jersey, a NYSDOH ELAP-certified laboratory, and analyzed for VOCs using USEPA Method TO-15. Analytical procedures followed applicable USEPA and NYSDEC protocols, including sample preservation, holding times, and laboratory analytical methods. Field procedures were performed in accordance with manufacturer specifications and established standard operating procedures.

3. VII Results

The following section summarizes sub-slab soil vapor, indoor air, and outdoor ambient air data collected during the VII conducted on April 8, 2026. Analytical results are summarized in Table 2. A summary of NYSDOH matrix compound detections is provided in Table 3 and presented in Figure 2. SSDS inspection and monitoring data are presented in Table 4, and NYSDEC Department of Environmental Remediation (DER) / Division of Air Resources (DAR) air emissions evaluation worksheets are included in Table 5. Field sampling logs are included in Appendix A. The completed NYSDOH Indoor Air Quality Questionnaire and Building Inventory Form is provided in Appendix B. A photolog documenting sampling locations and site conditions is provided in Appendix C. Laboratory analytical reports are included in Appendix D.

3.1 Site Reconnaissance

On March 11, 2026, Roux conducted a site inspection to verify access to existing sub-slab vapor monitoring and extraction points prior to sampling. The inspection included evaluation of accessibility, physical integrity (e.g., seal condition, tubing condition), and sampling compatibility of each monitoring point (MP) and extraction points (VMP and EP).

3.2 SSDS Performance Inspection and Monitoring

Data collected during the VII included vacuum pressure measurements, air velocity measurements, vapor intrusion sample results, emission point sample results, and observations related to building construction and potential preferential vapor pathways.

Based on the measured vacuum and air velocity data, EP-2, located within the US post office, exhibited the highest vacuum (-8.076 inches of water column [in. H_2O]) and air velocity (3,220 feet per minute [ft/min]). In contrast, EP-1, located within the dry-cleaning facility, exhibited the lowest vacuum (-0.596 in. H_2O) and air velocity (56 ft/min). The lower values measured at EP-1 indicate a more limited system influence in this area and may suggest a reduced radius of influence. SSDS inspection and monitoring data collected on April 8, 2026, are summarized in Table 4.

3.2.1 Effluent Air Emissions

In addition to field measurements and co-located vapor intrusion samples, vapor samples were collected at the risers/stack EP-1 (dry cleaner), EP-2 (US post office), and V-3 (ACME store), submitted to the lab and analyzed for VOCs using USEPA Method TO-15. VOC analytical results from these vapor samples were used to calculate potential emission rates for detected compounds in accordance with NYSDEC Division of Air Resources guidance (DAR-1: Guidelines for the Evaluation and Control of Ambient Air Contaminants Under 6 NYCRR Part 212). Supporting calculations are provided in Tables 5A through 5C.

Total site-wide emission rate potential was calculated by summing the emission rates from each location (EP-1, EP-2, and V-3). These values were then compared to applicable mass emission limits specified under 6 NYCRR Part 212 for both high toxicity air contaminants (HTACs) and non-HTACs.

As shown in Table 5D, the calculated emission rates for all compounds are below applicable NYSDEC regulatory thresholds. Therefore, the SSDS effluent may be discharged, under a Westchester County Department of Health Air Permit, to the atmosphere without additional treatment.

3.3 Building Observations and Product Inventory

Accessible areas within the ACME Store, dry cleaner, pizzeria, and US Post Office were observed during the site visit, although visibility was limited in some locations due to physical obstructions such as stored materials, large and fixed equipment—particularly along perimeter walls—and floor matting.

While no significant slab breaches were observed, the buildings include several potential preferential vapor intrusion pathways. These include unsealed or partially sealed utility penetrations (e.g., pipes and conduits), which were most evident within the dry-cleaning facility. Additional potential pathways include gaps along the floor–wall interface and utility connections and ductwork penetrating walls and ceilings between the tenant spaces. A photographic log documenting these observations is provided in Appendix C.

Products observed during the VI investigation included various cleaning agents present throughout all spaces. These were particularly notable in the US post office, where a strong odor was identified and attributed to “Fabuloso,” a multi-purpose cleaner. Additional products observed at the dry-cleaning facility included: H/C Wetting (Hydrocarbon Wetting Agent / Spotter), Streetex Spray Spotter, Pyratex, ammonia, bleach, Olex Plus (smoke and odor neutralizer), Mul-Solv, Rust Go, multi-purpose solution, Collar and Cuff Scrub, EM Pre Spot, Super Tan (tannin spotter), Streetan, Evstator Neutralizer, Aura Laundry Detergent, DF-2000 Fluid (aliphatic hydrocarbon), Aldet X 500, and SIL SOUR – Laundry Neutralizer.

DF-2000 Fluid (aliphatic hydrocarbon) is noted as a New York State–approved alternative solvent for dry-cleaning operations. Based on the SDS reviewed for products observed during the 2026 product inventory, none of the currently observed products were identified as containing CVOCs, including TCE.

The full Product Inventory is included in Appendix B.

3.4 Vapor Intrusion

A total of six (6) co-located sub-slab soil vapor and indoor air sample pairs, one (1) duplicate indoor air sample, and one (1) outdoor ambient air sample were collected during the VII. All samples were analyzed for VOCs using USEPA Method TO-15.

Results were evaluated using the following:

- NYSDOH Vapor Intrusion Guidance using Soil Vapor/Indoor Air Matrices (A through F), which compare contaminant concentrations across different media (e.g., soil vapor, sub-slab vapor, and indoor air) and provide recommended response actions including “No Further Action,” “Monitor,” “Identify Source(s), Resample, or Mitigate,” and “Mitigate,” and;
- NYSDOH Vapor Intrusion Guidance Table 3.1, which provides Indoor Air Guidance Values (IAGVs).

3.4.1 Vapor Intrusion Evaluation using NYSDOH Matrices

NYSDOH provides the decision matrices A through F for the following compounds:

Matrix A:

- 1,1-Dichloroethene (1,1-DCE)
- Carbon Tetrachloride
- Cis-1,2-Dichloroethylene (cis-1,2 DCE)
- Trichloroethylene (TCE)

Matrix B

- 1,1,1-Trichloroethane (TCA)
- Methylene Chloride
- Tetrachloroethylene (PCE)

Matrix C

- Vinyl Chloride

Matrix D

- 1,2,4-Trimethylbenzene
- 1,3,5-Trimethylbenzene (Mesitylene)
- 2,2,4-Trimethylpentane
- Benzene
- Cyclohexane
- Ethylbenzene
- Naphthalene
- O-Xylene (1,2-Dimethylbenzene)

Matrix E:

- m,p-Xylene
- N-Heptane
- N-Hexane

Matrix F:

- Toluene

3.4.1.1 Matrix A (TCE, cis-1,2 DCE, 1,1-DCE and carbon tetrachloride)

Based on the results and comparison with Matrix A, the following NYSDOH-recommended actions apply:

- “Mitigate” for cis-1,2-dichloroethylene and TCE at the dry cleaner (locations MP-15/IA-15 and MP-6/IA-6) and at the US Post Office (location MP-13/IA-13). Mitigation actions are primarily driven by elevated sub-slab vapor concentrations at the dry cleaner and US Post Office. The corresponding indoor air concentrations are below laboratory detection levels, except for the dry cleaner (IA-15), where TCE was detected at a concentration of 0.66 µg/m³.

- "No Further Action" for all other locations and compounds in Matrix A.

3.4.1.2 Matrix B (PCE, TCA, and methylene chloride)

Based on the results and comparison with Matrix B, the following NYSDOH-recommended actions apply:

- "Monitor" for tetrachloroethene (PCE) at the dry cleaner (location MP-15/IA-15). Monitor actions are driven by both PCE sub-slab vapor concentrations and PCE indoor air concentrations in the dry cleaner.
- "No Further Action" for all other locations and compounds in Matrix B.

3.4.1.3 Matrix C (vinyl chloride)

Based on the results and comparison with Matrix C, the following NYSDOH-recommended actions apply:

- "No Further Action" for all other locations and compounds in Matrix C.

3.4.1.4 Matrix D (benzene, ethylbenzene, naphthalene, cyclohexane, isooctane (2,2,4-trimethylpentane), 1,2,4 trimethylbenzene, 1,3,5-trimethylbenzene, and o-xylene)

Based on the results and comparison with Matrix D, the following NYSDOH-recommended actions apply:

- "Identify Source(s), Resample, or Mitigate" at the dry cleaner for 1,2,4-trimethylbenzene (locations MP-15/IA-15 and MP-6/IA-6) and 2,2,4-trimethylpentane (location MP-15/IA-15). These actions are triggered by indoor air concentrations at the dry cleaner. The corresponding sub-slab concentrations were below laboratory detection levels.

  1,2,4-Trimethylbenzene is an aromatic hydrocarbon found in petroleum solvents, paints and coatings; it's commonly used to dissolve oils, greases, and resins. 2,2,4-Trimethylpentane is a hydrocarbon in the petroleum and fuel industries and it is primarily used in fuel testing and gasoline blending, not typically used in textile care or drycleaner operations.

  Based on our review of the product inventory for the dry cleaner, DF-2000 (aliphatic hydrocarbon solvent) is the primary product likely to contain petroleum-based constituents, including potential branched hydrocarbons such as 2,2,4-trimethylpentane. However, this product, DF-2000 Fluid, is noted as a New York State–approved alternative solvent for dry-cleaning operations.
- "No Further Action" for all other locations and compounds in Matrix D.

3.4.1.5 Matrix E (m,p-xylene, heptane, and hexane)

Based on the results and comparison with Matrix E, the following NYSDOH-recommended actions apply:

- "No Further Action" for all locations and compounds in Matrix E.

3.4.1.6 Matrix F (toluene)

Based on the results and comparison with Matrix F, the following NYSDOH-recommended actions apply:

- "No Further Action" for all locations in Matrix F.

3.4.2 Indoor Air Evaluation Using Compound-Specific Indoor Air Guidance Values (IAGVs)

In addition to the vapor intrusion evaluation using the NYSDOH Soil Vapor/Indoor Air Matrices, TCE and PCE concentrations in indoor air samples IA-1 and IA-3 (ACME store), IA-6 and IA-15 (dry cleaner), IA-8R (pizzeria) and IA-13 (US post office) were compared to the NYSDOH Indoor Air Guidance Values (IAGVs) and Immediate Action Levels (IALs).

Laboratory results indicate PCE and TCE concentrations in all six (6) indoor air samples were either not detected or detected below their respective IAGVs.

- The maximum detected TCE concentration was 0.66 µg/m³ (IA-15, dry cleaner), which is below the IAGV of 2 µg/m³
- The maximum detected PCE concentration was 5.7 µg/m³ (IA-8R, pizzeria), followed by 4.8 µg/m³ (IA-15, dry cleaner), both below the IAGV of 30 µg/m³

While indoor air concentrations were below the applicable IAGVs, mitigation actions are recommended at the dry cleaner and post office based on sub-slab vapor concentrations of limited CVOCs. As requested by NYSDEC in email correspondence dated September 24, 2026, tenant notification letters were mailed on October 21, 2026. A copy of the revised Tenant Notification Letters for the sampling event conducted on April 8, 2026, is included in Appendix E.

4. Findings and Recommendations

Vapor intrusion conditions were evaluated while the on-site sub-slab depressurization system (SSDS) was operating to assess potential human exposure to subsurface vapors and to evaluate current system performance. The SSDS is currently operating as an interim remedial measure while a final site remedy is developed and implemented. Key findings of the vapor intrusion investigation (VII) and Roux's recommendations are summarized below.

SSDS Inspection and Monitoring: Based on field-collected data, including vacuum pressure and air velocity measurements, system performance varies across the Site.

The extraction point located within the US post office (EP-2) exhibited the highest vacuum (-8.076 in. H_2O) and air velocity (3,220 ft/min or 280 scfm). In contrast, the extraction point within the dry cleaner (EP-1) exhibited the lowest vacuum (-0.596 in. H_2O) and air velocity (56 ft/min or 1.3 scfm). The low vacuum and flow at EP-1 is likely attributed to operating conditions of the SSDS blower.

Air Emissions: The calculated emission rates for all compounds are below applicable NYSDEC regulatory thresholds. Therefore, the SSDS effluent may be discharged, under a Westchester County Department of Health Air Permit, to the atmosphere without additional treatment.

Vapor Intrusion: Based on evaluation of co-located sub-slab soil vapor, indoor air, and outdoor ambient air data in accordance with NYSDOH Soil Vapor/Indoor Air Matrices (A through F) the following actions are triggered:

i. Mitigate for TCE and cis-1,2 DCE. Mitigation is primarily driven by elevated sub-slab vapor concentrations at the dry cleaner and US post office. TCE is commonly used in industrial degreasing and is also a breakdown product of PCE. cis-1,2 DCE is a degradation product of PCE and TCE and its presence is indicative of ongoing biodegradation (natural attenuation).

ii. Monitor for PCE. Historically identified in the site soil and groundwater, PCE was detected in sub-slab vapor and indoor air at concentrations triggering a "Monitor" response in the dry cleaner.

   Identify Source(s), Resample, or Mitigate for 1,2,4-trimethylbenzene and 2,2,4-trimethylpentane, petroleum-related compounds, due to their concentrations in indoor air samples at the dry cleaner. Based on review of the on-site product inventory, there appears to be a correlation between indoor air concentrations and products used at the dry cleaner. For instance, DF-2000 (an aliphatic hydrocarbon solvent) is a product that likely contains petroleum-based constituents, including 2,2,4-trimethylpentane; however, DF-2000 Fluid is a New York State–approved alternative solvent for dry-cleaning operations. Other observed products included cleaners/degreasers such as 4/C WS (spotter for hair oil and grease), Streetex Spray Spotter, Pyratex, Olex Plus (smoke and odor remover/neutralizer), Super Tan (tannin stain remover), Stre Tan, Rust Go, and EM Pre Spot. As such, additional evaluation may be warranted to further assess potential sources of these compounds.

iii. All other compounds were either not detected or were present at concentrations corresponding to "No Further Action" under the NYSDOH matrices.

Indoor Air Quality: Based on review of indoor air results and comparison with NYSDOH IAGVs, PCE and TCE were either not detected or detected below their respective IAGVs in all six indoor air samples, indicating that, under current conditions, exposure risks to building occupants are adequately controlled.

However, continued monitoring for potential PCE exposure is recommended at the dry cleaner based on the relationship between soil vapor and indoor air concentrations using the NYSDOH decision matrices.

Based on the results of the VII, Roux recommends that the following actions be included and implemented under a NYSDEC-approved Remedial Action Work Plan (RAWP):

- Continued operation of the SSDS as an interim remedial measure to mitigate vapor intrusion while the site remedy is developed and implemented.
- Optimization of the SSDS to improve vacuum distribution and overall system performance across extraction points.
- Evaluation and implementation of flow control adjustments to reduce excessive vacuum and airflow at high-performing locations (EP-2 at US post office). Evaluation of SSDS blower conditions and replace if needed, to improve vacuum and airflow at underperforming areas (EP-1 at dry cleaner).
- Sealing of cracks and floor penetrations within the dry cleaner to reduce vapor intrusion and prevent short-circuiting of the SSDS, thereby improving system efficiency and radius of influence.
- Continued monitoring of PCE through collection of an additional round of co-located sub-slab vapor and indoor air samples during the next heating season to confirm vapor intrusion conditions.

The RAWP will also include a proposed remedy to address remaining CVOC contamination in subsurface soils.

TABLES

1. Sampling Summary
2. Summary of VII Results
3. Summary Of NYSDOH Matrix Compound Detections
4. SSDS Inspection and Monitoring Data
5. DER-DAR Air Emissions Analysis Worksheet

Table 1. Sampling Summary, 1360 East Main Street, Shrub Oak, New York

Location	Sample ID	Type	Sampling / Data Collection Type
ACME Store	MP-1	SS Monitoring Point	8hr- sample for VOCs via EPA Method TO-15
	IA-1	Co-located Indoor Air	8hr- sample for VOCs via EPA Method TO-15
	MP-3	SS Monitoring Point	8hr- sample for VOCs via EPA Method TO-15
	IA-3	Co-located Indoor Air	8hr- sample for VOCs via EPA Method TO-15
	VMP-1	Extraction Point	Vacuum reading / Air velocity and Flow Rate (gauging only)
	VMP-2	Extraction Point	Vacuum reading / Air velocity and Flow Rate (gauging only)
	VMP-3	Extraction Point	Vacuum reading / Air velocity and Flow Rate (gauging only)
	V-3	Extraction- Header	Gauging and 1hr-sample for VOCs (TO-15)
Drycleaner	MP-6	SS Monitoring Point	8hr- sample for VOCs via EPA Method TO-15
	IA-6	Co-located Indoor Air	8hr- sample for VOCs via EPA Method TO-15
	MP-15	SS Monitoring Point	8hr- sample for VOCs via EPA Method TO-15
	IA-15	Co-located Indoor Air	8hr- sample for VOCs via EPA Method TO-15
	EP-1	Extraction Point / Stack	Gauging and 1hr-sample for VOCs (TO-15)
Pizzeria	MP-8R	SS Monitoring Point	8hr- sample for VOCs via EPA Method TO-15
	IA-8R	Co-located Indoor Air	8hr- sample for VOCs via EPA Method TO-15
Post Office	MP-13	SS Monitoring Point	8hr- sample for VOCs via EPA Method TO-15
	IA-13	Co-located Indoor Air	8hr- sample for VOCs via EPA Method TO-15
	EP-2	Extraction Point / Stack	Gauging and 1hr-sample for VOCs (TO-15)

Notes Utilized Throughout Tables
Soil Vapor/Ambient Air
J - Estimated value
U - Indicates that the compound was analyzed for but not detected
ug/m3 - Micrograms per cubic meter
Bold data indicates that parameter was detected
Shaded data indicates that parameter was detected above levels to be monitored for Sub-Slab Vapor in accordance with the Final NYSDOH CEH BEEI Soil Vapor Intrusion Guidance of May 2017
Red data indicates that parameter was detected above levels to be mitigated for Sub-Slab Vapor in accordance with the Final NYSDOH CEH BEEI Soil Vapor Intrusion Guidance of May 2017
Light greenshaded data indicates that parameter was detected above levels to be monitored for Indoor Air in accordance with the Final NYSDOH CEH BEEI Soil Vapor Intrusion Guidance of May 2017
Salmon shaded data indicates that parameter was detected above levels to be mitigated for Indoor Air in accordance with the Final NYSDOH CEH BEEI Soil Vapor Intrusion Guidance of May 2017
NYSDOH - New York State Department of Health
CEH - Center for Environmental Health
BEEI - Bureau of Environmental Exposure Investigation

Table 2. Summary of VII Results, 1360 East Main Street, Shrub Oak, New York

Parameter	Sub-Slab Air Lower Threshold Level		Indoor Air Lower Threshold Level		Units	Sample Designation:	AMB-1	EP-1	EP-2	MP-1	IA-1	IA-1
						Sample Date:	04/08/2026	04/08/2026	04/08/2026	04/08/2026	04/08/2026	04/08/2026
						Normal Sample or Field Duplicate:	N	N	N	N	N	FD
	Monitor	Mitigate	Monitor	Mitigate								
Matrix A												
1,1-Dichloroethene	6	60	0.2 to <1	1+	UG/M3		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	6	60	0.2 to <1	1+	UG/M3		**0.78**	**0.58**	**0.43**	0.2 U	**0.49**	**0.48**
Cis-1,2-Dichloroethylene	6	60	0.2 to <1	1+	UG/M3		0.2 U	**0.24**	**0.76**	0.2 U	0.2 U	**0.27**
Trichloroethylene (TCE)	6	60	0.2 to <1	1+	UG/M3		0.2 U	**0.69**	0.2 U	0.2 U	0.2 U	**0.55**
Matrix B												
1,1,1-Trichloroethane (TCA)	100	1000	3 to <10	10+	UG/M3		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Methylene Chloride	100	1000	3 to <10	10+	UG/M3		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	**0.73 J**
Tetrachloroethylene (PCE)	100	1000	3 to <10	10+	UG/M3		**2.3**	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Matrix C												
Vinyl Chloride	6	60	< 0.2	0.2+	UG/M3		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Matrix D												
1,2,4-Trimethylbenzene	60	600	2 to <10	10+	UG/M3		0.98 U	**0.92 J**	**2.3**	**2.6**	**6.7**	**5.3**
1,3,5-Trimethylbenzene (Mesitylene)	60	600	2 to <10	10+	UG/M3		0.98 U	0.98 U	**0.76 J**	**0.82 J**	**2.1**	**1.7**
2,2,4-Trimethylpentane	60	600	2 to <10	10+	UG/M3		**1.3**	0.93 U	0.93 U	**0.34 J**	**3.4**	**0.3 J**
Benzene	60	600	2 to <10	10+	UG/M3		**0.44 J**	**0.31 J**	**0.4 J**	**0.47 J**	**0.31 J**	**0.36 J**
Cyclohexane	60	600	2 to <10	10+	UG/M3		0.69 U	0.69 U	0.69 U	**0.49 J**	0.69 U	**0.64 J**
Ethylbenzene	60	600	2 to <10	10+	UG/M3		0.87 U	0.87 U	0.87 U	**1.5**	**3.8**	**1.8**
Naphthalene	60	600	2 to <10	10+	UG/M3		**2.8**	2 U	2 U	2 U	2 U	2 U
O-Xylene (1,2-Dimethylbenzene)	60	600	2 to <10	10+	UG/M3		0.87 U	**0.4 J**	0.87 U	**1**	**2.6**	**1.4**
Matrix E												
m,p-Xylene	200	2000	6 to <20	20+	UG/M3		**0.72 J**	**1.1 J**	**0.65 J**	**5.4**	**15**	**6.9**
N-Heptane	200	2000	6 to <20	20+	UG/M3		0.82 U	0.82 U	0.82 U	**0.53 J**	**0.65 J**	**0.55 J**
N-Hexane	200	2000	6 to <20	20+	UG/M3		1.8 U	1.8 U	1.8 U	**0.42 J**	1.8 U	1.8 U
Matrix F												
Toluene	300	3000	10 to <50	50+	UG/M3		**0.96**	**0.38 J**	**2.4**	**1.4**	**0.55 J**	**0.49 J**
Other Compounds												
1,1,2,2-Tetrachloroethane	--	--	--	--	UG/M3		1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	UG/M3		1.5 U	**0.59 J**	**0.6 J**	**0.56 J**	1.5 U	**0.58 J**
1,1,2-Trichloroethane	--	--	--	--	UG/M3		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	--	--	--	--	UG/M3		0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U
1,2,4-Trichlorobenzene	--	--	--	--	UG/M3		3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	UG/M3		1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	--	--	--	--	UG/M3		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	--	--	--	--	UG/M3		0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U

Table 2. Summary of VII Results, 1360 East Main Street, Shrub Oak, New York

Parameter	Sub-Slab Air Lower Threshold Level		Indoor Air Lower Threshold Level		Units	Sample Designation:	AMB-1	EP-1	EP-2	MP-1	IA-1	IA-1
						Sample Date:	04/08/2026	04/08/2026	04/08/2026	04/08/2026	04/08/2026	04/08/2026
						Normal Sample or Field Duplicate:	N	N	N	N	N	FD
	Monitor	Mitigate	Monitor	Mitigate								
1,2-Dichloropropane	--	--	--	--	UG/M3		0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane	--	--	--	--	UG/M3		1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
1,3-Butadiene	--	--	--	--	UG/M3		0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
1,3-Dichlorobenzene	--	--	--	--	UG/M3		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	--	--	--	--	UG/M3		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dioxane (P-Dioxane)	--	--	--	--	UG/M3		18 U	18 U	18 U	18 U	18 U	18 U
2-Chlorotoluene	--	--	--	--	UG/M3		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	--	--	--	--	UG/M3		2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
4-Ethyltoluene	--	--	--	--	UG/M3		0.98 U	**0.27 J**	**0.93 J**	**0.99**	**2.2**	**2.1**
Acetone	--	--	--	--	UG/M3		**25**	**37**	**37**	**46**	**140**	**77**
Allyl Chloride (3-Chloropropene)	--	--	--	--	UG/M3		1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Benzyl Chloride	--	--	--	--	UG/M3		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	--	--	--	--	UG/M3		1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Bromoform	--	--	--	--	UG/M3		2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Bromomethane	--	--	--	--	UG/M3		0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
Butane	--	--	--	--	UG/M3		**1.1 J**	**4.4**	**17**	**30**	**68**	**38**
Carbon Disulfide	--	--	--	--	UG/M3		1.6 U	1.6 U	**1.2 J**	1.6 U	1.6 U	1.6 U
Chlorobenzene	--	--	--	--	UG/M3		0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Chlorodifluoromethane	--	--	--	--	UG/M3		1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	**4.1**
Chloroethane	--	--	--	--	UG/M3		1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Chloroform	--	--	--	--	UG/M3		**1.4**	**2.8**	**0.6 J**	**0.32 J**	**0.62 J**	**0.31 J**
Chloromethane	--	--	--	--	UG/M3		**0.38 J**	**0.56 J**	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	--	--	--	--	UG/M3		0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U
Cymene	--	--	--	--	UG/M3		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	**0.55 J**
Dibromochloromethane	--	--	--	--	UG/M3		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane	--	--	--	--	UG/M3		**1.9 J**	**2.4 J**	**2.7**	**3.2**	**2.1 J**	**3.2**
Hexachlorobutadiene	--	--	--	--	UG/M3		2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Isopropanol	--	--	--	--	UG/M3		**15**	**44**	**8.4 J**	**4.5 J**	12 U	**4.7 J**
Isopropylbenzene (Cumene)	--	--	--	--	UG/M3		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Methyl Ethyl Ketone (2-Butanone)	--	--	--	--	UG/M3		1.5 U	**1.8**	1.5 U	**1.9**	**1.6**	**3.5**
Methyl Isobutyl Ketone (4-Methyl-2-Penta	--	--	--	--	UG/M3		2.1 U	**2.3**	2.1 U	2.1 U	2.1 U	2.1 U
Methyl Methacrylate	--	--	--	--	UG/M3		2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
N-Butylbenzene	--	--	--	--	UG/M3		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
N-Propylbenzene	--	--	--	--	UG/M3		0.98 U	0.98 U	**0.54 J**	**0.6 J**	**1.5**	**1.2**
Sec-Butylbenzene	--	--	--	--	UG/M3		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U

Table 2. Summary of VII Results, 1360 East Main Street, Shrub Oak, New York

Parameter	Sub-Slab Air Lower Threshold Level		Indoor Air Lower Threshold Level		Units	Sample Designation:	AMB-1	EP-1	EP-2	MP-1	IA-1	IA-1
						Sample Date:	04/08/2026	04/08/2026	04/08/2026	04/08/2026	04/08/2026	04/08/2026
						Normal Sample or Field Duplicate:	N	N	N	N	N	FD
	Monitor	Mitigate	Monitor	Mitigate								
Styrene	--	--	--	--	UG/M3		0.85 U	0.85 U	0.85 U	0.85 U	**0.79 J**	**0.5 J**
T-Butylbenzene	--	--	--	--	UG/M3		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Tert-Butyl Alcohol	--	--	--	--	UG/M3		15 U	15 U	15 U	15 U	15 U	15 U
Tert-Butyl Methyl Ether	--	--	--	--	UG/M3		0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
Tetrahydrofuran	--	--	--	--	UG/M3		15 U	15 U	15 U	15 U	15 U	15 U
Trans-1,2-Dichloroethene	--	--	--	--	UG/M3		0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Trans-1,3-Dichloropropene	--	--	--	--	UG/M3		0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U
Trichlorofluoromethane	--	--	--	--	UG/M3		**1.1**	**1.2**	**1.4**	**2.4**	**1.8**	**2.3**
Vinyl Bromide	--	--	--	--	UG/M3		0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U

Table 2. Summary of VII Results, 1360 East Main Street, Shrub Oak, New York

Parameter	Sub-Slab Air Lower Threshold Level		Indoor Air Lower Threshold Level		Units	Sample Designation:	MP-13	IA-13	MP-15	IA-15	MP-3	IA-3
						Sample Date:	04/08/2026	04/08/2026	04/08/2026	04/08/2026	04/08/2026	04/08/2026
						Normal Sample or Field Duplicate:	N	N	N	N	N	N
	Monitor	Mitigate	Monitor	Mitigate								
Matrix A												
1,1-Dichloroethene	6	60	0.2 to <1	1+	UG/M3		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	6	60	0.2 to <1	1+	UG/M3		**0.45**	0.2 U	0.2 U	0.2 U	0.2 U	**0.44**
Cis-1,2-Dichloroethylene	6	60	0.2 to <1	1+	UG/M3		**860 D**	0.2 U	**7400 D**	0.2 U	**0.33**	0.2 U
Trichloroethylene (TCE)	6	60	0.2 to <1	1+	UG/M3		**570 D**	0.2 U	**2800 D**	**0.66**	**0.54**	0.2 U
Matrix B												
1,1,1-Trichloroethane (TCA)	100	1000	3 to <10	10+	UG/M3		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Methylene Chloride	100	1000	3 to <10	10+	UG/M3		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Tetrachloroethylene (PCE)	100	1000	3 to <10	10+	UG/M3		**320**	1.4 U	**550 D**	**4.8**	**1.1 J**	1.4 U
Matrix C												
Vinyl Chloride	6	60	< 0.2	0.2+	UG/M3		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Matrix D												
1,2,4-Trimethylbenzene	60	600	2 to <10	10+	UG/M3		**3**	**3.8**	0.98 U	**16**	**3.4**	**4.5**
1,3,5-Trimethylbenzene (Mesitylene)	60	600	2 to <10	10+	UG/M3		**1**	**1.2**	0.98 U	**4.3**	**1.1**	**1.1**
2,2,4-Trimethylpentane	60	600	2 to <10	10+	UG/M3		**1.5**	0.93 U	0.93 U	**15**	0.93 U	**0.52 J**
Benzene	60	600	2 to <10	10+	UG/M3		**0.6 J**	**0.43 J**	**3.8**	**0.33 J**	**0.46 J**	**0.4 J**
Cyclohexane	60	600	2 to <10	10+	UG/M3		0.69 U	0.69 U	0.69 U	0.69 U	**0.55 J**	**0.41 J**
Ethylbenzene	60	600	2 to <10	10+	UG/M3		**0.59 J**	0.87 U	0.87 U	0.87 U	**1.7**	**1.9**
Naphthalene	60	600	2 to <10	10+	UG/M3		2 U	2 U	2 U	2 U	2 U	2 U
O-Xylene (1,2-Dimethylbenzene)	60	600	2 to <10	10+	UG/M3		**0.87**	**0.42 J**	0.87 U	**0.57 J**	**1.4**	**1.4**
Matrix E												
m,p-Xylene	200	2000	6 to <20	20+	UG/M3		**2.3**	**0.71 J**	2.2 U	**0.86 J**	**6**	**6.8**
N-Heptane	200	2000	6 to <20	20+	UG/M3		0.82 U	**0.47 J**	0.82 U	0.82 U	**0.66 J**	**0.58 J**
N-Hexane	200	2000	6 to <20	20+	UG/M3		1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Matrix F												
Toluene	300	3000	10 to <50	50+	UG/M3		**1.4**	**1.1**	**0.75**	**1.2**	**2**	**1.6**
Other Compounds												
1,1,2,2-Tetrachloroethane	--	--	--	--	UG/M3		1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	UG/M3		**0.58 J**	1.5 U	**0.52 J**	1.5 U	**0.54 J**	1.5 U
1,1,2-Trichloroethane	--	--	--	--	UG/M3		1.1 U	1.1 U	**3.5**	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	--	--	--	--	UG/M3		0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U
1,2,4-Trichlorobenzene	--	--	--	--	UG/M3		3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	UG/M3		1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	--	--	--	--	UG/M3		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	--	--	--	--	UG/M3		0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U

Table 2. Summary of VII Results, 1360 East Main Street, Shrub Oak, New York

Parameter	Sub-Slab Air Lower Threshold Level		Indoor Air Lower Threshold Level		Units	Sample Designation:	MP-13	IA-13	MP-15	IA-15	MP-3	IA-3
						Sample Date:	04/08/2026	04/08/2026	04/08/2026	04/08/2026	04/08/2026	04/08/2026
						Normal Sample or Field Duplicate:	N	N	N	N	N	N
	Monitor	Mitigate	Monitor	Mitigate								
1,2-Dichloropropane	--	--	--	--	UG/M3		0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane	--	--	--	--	UG/M3		1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
1,3-Butadiene	--	--	--	--	UG/M3		0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
1,3-Dichlorobenzene	--	--	--	--	UG/M3		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	--	--	--	--	UG/M3		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dioxane (P-Dioxane)	--	--	--	--	UG/M3		18 U	18 U	18 U	18 U	18 U	**0.34 J**
2-Chlorotoluene	--	--	--	--	UG/M3		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	--	--	--	--	UG/M3		2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
4-Ethyltoluene	--	--	--	--	UG/M3		**1.2**	**1.3**	0.98 U	**4.7**	**1.2**	**1.3**
Acetone	--	--	--	--	UG/M3		**33**	**37**	**19**	**11 J**	**27**	**110**
Allyl Chloride (3-Chloropropene)	--	--	--	--	UG/M3		1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Benzyl Chloride	--	--	--	--	UG/M3		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	--	--	--	--	UG/M3		1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Bromoform	--	--	--	--	UG/M3		2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Bromomethane	--	--	--	--	UG/M3		0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
Butane	--	--	--	--	UG/M3		**11**	**55**	1.2 U	**33**	**34**	**48**
Carbon Disulfide	--	--	--	--	UG/M3		1.6 U	1.6 U	**7.4**	**0.52 J**	1.6 U	**0.89 J**
Chlorobenzene	--	--	--	--	UG/M3		0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
Chlorodifluoromethane	--	--	--	--	UG/M3		1.8 U	1.8 U	**19**	1.8 U	1.8 U	**5.2**
Chloroethane	--	--	--	--	UG/M3		1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Chloroform	--	--	--	--	UG/M3		**3.7**	**0.46 J**	**180**	0.98 U	**0.4 J**	**0.24 J**
Chloromethane	--	--	--	--	UG/M3		1 U	1 U	**0.67 J**	1 U	**0.33 J**	1 U
Cis-1,3-Dichloropropene	--	--	--	--	UG/M3		0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U
Cymene	--	--	--	--	UG/M3		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Dibromochloromethane	--	--	--	--	UG/M3		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane	--	--	--	--	UG/M3		**2.9**	**2 J**	**2.8**	**2.3 J**	**2.9**	**2.3 J**
Hexachlorobutadiene	--	--	--	--	UG/M3		2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Isopropanol	--	--	--	--	UG/M3		**11 J**	**8.9 J**	**3.9 J**	12 U	**5.8 J**	**24**
Isopropylbenzene (Cumene)	--	--	--	--	UG/M3		0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Methyl Ethyl Ketone (2-Butanone)	--	--	--	--	UG/M3		**3.8**	**1.5**	**3.5**	**2**	**2.8**	**4.3**
Methyl Isobutyl Ketone (4-Methyl-2-Penta	--	--	--	--	UG/M3		2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Methyl Methacrylate	--	--	--	--	UG/M3		2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
N-Butylbenzene	--	--	--	--	UG/M3		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
N-Propylbenzene	--	--	--	--	UG/M3		**0.71 J**	**0.85 J**	0.98 U	**2.6**	**0.81 J**	**0.97 J**
Sec-Butylbenzene	--	--	--	--	UG/M3		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U

Table 2. Summary of VII Results, 1360 East Main Street, Shrub Oak, New York

Parameter	Sub-Slab Air Lower Threshold Level		Indoor Air Lower Threshold Level		Units	Sample Designation:	MP-13	IA-13	MP-15	IA-15	MP-3	IA-3
						Sample Date:	04/08/2026	04/08/2026	04/08/2026	04/08/2026	04/08/2026	04/08/2026
						Normal Sample or Field Duplicate:	N	N	N	N	N	N
	Monitor	Mitigate	Monitor	Mitigate								
Styrene	--	--	--	--	UG/M3		0.85 U	0.85 U	0.85 U	0.85 U	**0.43 J**	**0.47 J**
T-Butylbenzene	--	--	--	--	UG/M3		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Tert-Butyl Alcohol	--	--	--	--	UG/M3		15 U	15 U	15 U	15 U	15 U	15 U
Tert-Butyl Methyl Ether	--	--	--	--	UG/M3		0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
Tetrahydrofuran	--	--	--	--	UG/M3		15 U	15 U	15 U	15 U	15 U	15 U
Trans-1,2-Dichloroethene	--	--	--	--	UG/M3		**23**	0.79 U	**1300 D**	0.79 U	0.79 U	0.79 U
Trans-1,3-Dichloropropene	--	--	--	--	UG/M3		0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U
Trichlorofluoromethane	--	--	--	--	UG/M3		**1.3**	**1.2**	**1.3**	**1.1**	**1.9**	**2**
Vinyl Bromide	--	--	--	--	UG/M3		0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U

Table 2. Summary of VII Results, 1360 East Main Street, Shrub Oak, New York

Parameter	Sub-Slab Air Lower Threshold Level		Indoor Air Lower Threshold Level		Units	Sample Designation: MP-6	IA-6	MP-8R	IA-8R	V-3
						Sample Date: 04/08/2026	04/08/2026	04/08/2026	04/08/2026	04/08/2026
						Normal Sample or Field Duplicate: N	N	N	N	N
	Monitor	Mitigate	Monitor	Mitigate						
Matrix A										
1,1-Dichloroethene	6	60	0.2 to <1	1+	UG/M3	100 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	6	60	0.2 to <1	1+	UG/M3	100 U	0.2 U	**0.48**	0.2 U	0.2 U
Cis-1,2-Dichloroethylene	6	60	0.2 to <1	1+	UG/M3	**89000**	0.2 U	**1.8**	0.2 U	0.2 U
Trichloroethylene (TCE)	6	60	0.2 to <1	1+	UG/M3	**6400**	0.2 U	**5.9**	0.2 U	0.2 U
Matrix B										
1,1,1-Trichloroethane (TCA)	100	1000	3 to <10	10+	UG/M3	550 U	1.1 U	1.1 U	1.1 U	1.1 U
Methylene Chloride	100	1000	3 to <10	10+	UG/M3	870 U	1.7 U	1.7 U	1.7 U	1.7 U
Tetrachloroethylene (PCE)	100	1000	3 to <10	10+	UG/M3	680 U	1.4 U	**2.3**	**5.7**	1.4 U
Matrix C										
Vinyl Chloride	6	60	< 0.2	0.2+	UG/M3	100 U	0.2 U	0.2 U	0.2 U	0.2 U
Matrix D										
1,2,4-Trimethylbenzene	60	600	2 to <10	10+	UG/M3	490 U	**12**	0.98 U	**5.7**	**3.3**
1,3,5-Trimethylbenzene (Mesitylene)	60	600	2 to <10	10+	UG/M3	490 U	**3.3**	0.98 U	**1.5**	**0.93 J**
2,2,4-Trimethylpentane	60	600	2 to <10	10+	UG/M3	470 U	0.93 U	0.93 U	0.93 U	0.93 U
Benzene	60	600	2 to <10	10+	UG/M3	320 U	**0.34 J**	**0.52 J**	**0.43 J**	**0.43 J**
Cyclohexane	60	600	2 to <10	10+	UG/M3	340 U	0.69 U	**0.55 J**	0.69 U	**0.28 J**
Ethylbenzene	60	600	2 to <10	10+	UG/M3	430 U	0.87 U	0.87 U	0.87 U	**0.57 J**
Naphthalene	60	600	2 to <10	10+	UG/M3	1000 U	2 U	2 U	2 U	2 U
O-Xylene (1,2-Dimethylbenzene)	60	600	2 to <10	10+	UG/M3	430 U	0.87 U	0.87 U	0.87 U	**0.58 J**
Matrix E										
m,p-Xylene	200	2000	6 to <20	20+	UG/M3	1100 U	2.2 U	2.2 U	2.2 U	**2 J**
N-Heptane	200	2000	6 to <20	20+	UG/M3	410 U	0.82 U	0.82 U	**1.4**	0.82 U
N-Hexane	200	2000	6 to <20	20+	UG/M3	880 U	1.8 U	**0.98 J**	1.8 U	1.8 U
Matrix F										
Toluene	300	3000	10 to <50	50+	UG/M3	380 U	**1.3**	**0.55 J**	**0.65 J**	**1.1**
Other Compounds										
1,1,2,2-Tetrachloroethane	--	--	--	--	UG/M3	690 U	1.4 U	1.4 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	--	UG/M3	770 U	1.5 U	**0.56 J**	1.5 U	**0.51 J**
1,1,2-Trichloroethane	--	--	--	--	UG/M3	550 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	--	--	--	--	UG/M3	400 U	0.81 U	0.81 U	0.81 U	0.81 U
1,2,4-Trichlorobenzene	--	--	--	--	UG/M3	1900 U	3.7 U	3.7 U	3.7 U	3.7 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	--	UG/M3	770 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	--	--	--	--	UG/M3	600 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	--	--	--	--	UG/M3	400 U	0.81 U	0.81 U	0.81 U	0.81 U

Table 2. Summary of VII Results, 1360 East Main Street, Shrub Oak, New York

Parameter	Sub-Slab Air Lower Threshold Level		Indoor Air Lower Threshold Level		Units	Sample Designation:	MP-6	IA-6	MP-8R	IA-8R	V-3
						Sample Date:	04/08/2026	04/08/2026	04/08/2026	04/08/2026	04/08/2026
						Normal Sample or Field Duplicate:	N	N	N	N	N
	Monitor	Mitigate	Monitor	Mitigate							
1,2-Dichloropropane	--	--	--	--	UG/M3		460 U	0.92 U	0.92 U	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane	--	--	--	--	UG/M3		700 U	1.4 U	1.4 U	1.4 U	1.4 U
1,3-Butadiene	--	--	--	--	UG/M3		220 U	0.44 U	0.44 U	0.44 U	0.44 U
1,3-Dichlorobenzene	--	--	--	--	UG/M3		600 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	--	--	--	--	UG/M3		600 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dioxane (P-Dioxane)	--	--	--	--	UG/M3		9000 U	18 U	18 U	18 U	18 U
2-Chlorotoluene	--	--	--	--	UG/M3		520 U	1 U	1 U	1 U	1 U
2-Hexanone	--	--	--	--	UG/M3		1000 U	2.1 U	2.1 U	2.1 U	2.1 U
4-Ethyltoluene	--	--	--	--	UG/M3		490 U	**3.4**	0.98 U	**1.6**	**1.4**
Acetone	--	--	--	--	UG/M3		6000 U	**16**	**61**	**26**	**31**
Allyl Chloride (3-Chloropropene)	--	--	--	--	UG/M3		790 U	1.6 U	1.6 U	1.6 U	1.6 U
Benzyl Chloride	--	--	--	--	UG/M3		520 U	1 U	1 U	1 U	1 U
Bromodichloromethane	--	--	--	--	UG/M3		670 U	1.3 U	**0.42 J**	1.3 U	1.3 U
Bromoform	--	--	--	--	UG/M3		1000 U	2.1 U	2.1 U	2.1 U	2.1 U
Bromomethane	--	--	--	--	UG/M3		390 U	0.78 U	0.78 U	0.78 U	0.78 U
Butane	--	--	--	--	UG/M3		600 U	**22**	**5**	**21**	**14**
Carbon Disulfide	--	--	--	--	UG/M3		780 U	1.6 U	**5.8**	1.6 U	1.6 U
Chlorobenzene	--	--	--	--	UG/M3		460 U	0.92 U	**0.7 J**	0.92 U	0.92 U
Chlorodifluoromethane	--	--	--	--	UG/M3		890 U	1.8 U	1.8 U	1.8 U	1.8 U
Chloroethane	--	--	--	--	UG/M3		660 U	1.3 U	1.3 U	1.3 U	1.3 U
Chloroform	--	--	--	--	UG/M3		**310 J**	0.98 U	**15**	**4**	**0.38 J**
Chloromethane	--	--	--	--	UG/M3		520 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	--	--	--	--	UG/M3		450 U	0.91 U	0.91 U	0.91 U	0.91 U
Cymene	--	--	--	--	UG/M3		550 U	1.1 U	1.1 U	1.1 U	1.1 U
Dibromochloromethane	--	--	--	--	UG/M3		850 U	1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane	--	--	--	--	UG/M3		1200 U	**2 J**	**2.7**	**1.8 J**	**3**
Hexachlorobutadiene	--	--	--	--	UG/M3		1100 U	2.1 U	2.1 U	2.1 U	2.1 U
Isopropanol	--	--	--	--	UG/M3		6200 U	12 U	**7.5 J**	**4.6 J**	**6.4 J**
Isopropylbenzene (Cumene)	--	--	--	--	UG/M3		490 U	0.98 U	0.98 U	0.98 U	0.98 U
Methyl Ethyl Ketone (2-Butanone)	--	--	--	--	UG/M3		740 U	**1.7**	**12**	**1.8**	**2.8**
Methyl Isobutyl Ketone (4-Methyl-2-Penta	--	--	--	--	UG/M3		1000 U	**0.56 J**	2.1 U	2.1 U	2.1 U
Methyl Methacrylate	--	--	--	--	UG/M3		1000 U	2.1 U	2.1 U	2.1 U	2.1 U
N-Butylbenzene	--	--	--	--	UG/M3		550 U	1.1 U	1.1 U	1.1 U	1.1 U
N-Propylbenzene	--	--	--	--	UG/M3		490 U	**2**	0.98 U	**1.1**	**0.73 J**
Sec-Butylbenzene	--	--	--	--	UG/M3		550 U	1.1 U	1.1 U	1.1 U	1.1 U

Table 2. Summary of VII Results, 1360 East Main Street, Shrub Oak, New York

Parameter	Sub-Slab Air Lower Threshold Level		Indoor Air Lower Threshold Level		Units	Sample Designation:	MP-6	IA-6	MP-8R	IA-8R	V-3
						Sample Date:	04/08/2026	04/08/2026	04/08/2026	04/08/2026	04/08/2026
						Normal Sample or Field Duplicate:	N	N	N	N	N
	Monitor	Mitigate	Monitor	Mitigate							
Styrene	--	--	--	--	UG/M3		430 U	0.85 U	0.85 U	0.85 U	0.85 U
T-Butylbenzene	--	--	--	--	UG/M3		550 U	1.1 U	1.1 U	1.1 U	1.1 U
Tert-Butyl Alcohol	--	--	--	--	UG/M3		7600 U	15 U	15 U	15 U	15 U
Tert-Butyl Methyl Ether	--	--	--	--	UG/M3		360 U	0.72 U	0.72 U	0.72 U	0.72 U
Tetrahydrofuran	--	--	--	--	UG/M3		7400 U	15 U	15 U	15 U	15 U
Trans-1,2-Dichloroethene	--	--	--	--	UG/M3		**3800**	0.79 U	0.79 U	0.79 U	0.79 U
Trans-1,3-Dichloropropene	--	--	--	--	UG/M3		450 U	0.91 U	0.91 U	0.91 U	0.91 U
Trichlorofluoromethane	--	--	--	--	UG/M3		560 U	**1.1**	**1.2**	**1.2**	**2.4**
Vinyl Bromide	--	--	--	--	UG/M3		440 U	0.88 U	0.88 U	0.88 U	0.88 U

Table 3. Summary Of NYSDOH Matrix Compound Detections, 1360 East Main Street, Shrub Oak, New York

Sample Location:	ACME				ACME			DRYCLEANER		
Co-located Location:	MP-1 / IA-1				MP-3 / IA-3			MP-15 / IA-15		
Sample Date:	04/08/2026				04/08/2026			04/08/2026		
Sample Designation:	MP-1	IA-1	IA-1 dup	RECOMMENDED ACTION	MP-3	IA-3	RECOMMENDED ACTION	MP-15	IA-15	RECOMMENDED ACTION
Colocated Location:	Sub-Slab	Indoor Air	Indoor Air		Sub-Slab	Indoor Air		Sub-Slab	Indoor Air	
Parameter										
Matrix A										
1,1-Dichloroethene	0.2 U	0.2 U	0.2 U	No Further Action	0.2 U	0.2 U	No Further Action	0.2 U	0.2 U	No Further Action
Carbon Tetrachloride	0.2 U	0.49	0.48	No Further Action	0.2 U	0.44	No Further Action	0.2 U	0.2 U	No Further Action
Trichloroethylene (TCE)	0.2 U	0.2 U	0.55	No Further Action	0.54	0.2 U	No Further Action	2800 D	0.66	**Mitigate**
Matrix B										
1,1,1-Trichloroethane (TCA)	1.1 U	1.1 U	1.1 U	No Further Action	1.1 U	1.1 U	No Further Action	1.1 U	1.1 U	No Further Action
Tetrachloroethylene (PCE)	1.4 U	1.4 U	1.4 U	No Further Action	1.1 J	1.4 U	No Further Action	550 D	4.8	**Monitor**
Matrix C										
Vinyl Chloride	0.2 U	0.2 U	0.2 U	No Further Action	0.2 U	0.2 U	No Further Action	0.2 U	0.2 U	No Further Action
Matrix D										
Benzene	0.47 J	0.31 J	0.36 J	No Further Action	0.46 J	0.4 J	No Further Action	3.8	0.33 J	No Further Action
Matrix E										
Matrix F										

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
ug/m3 - Micrograms per cubic meter

TCE -	Indoor Air Guidance Value	2 ug/m3
TCE -	Immediate action level:	20 ug/m3
PCE -	Indoor Air Guidance Value	30 ug/m3
PCE -	Immediate action level:	300 ug/m3

Table 3. Summary Of NYSDOH Matrix Compound Detections, 1360 East Main Street, Shrub Oak, New York

Sample Location:	DRYCLEANER			PIZZERIA			US POST OFFICE		
Co-located Location:	MP-6 / IA-6			MP-8R / IA-8R			MP-13 / IA-13		
Sample Date:	04/08/2026			04/08/2026			04/08/2026		
Sample Designation:	MP-6	IA-6	RECOMMENDED ACTION	MP-8R	IA-8R	RECOMMENDED ACTION	MP-13	IA-13	RECOMMENDED ACTION
Colocated Location:	Sub-Slab	Indoor Air		Sub-Slab	Indoor Air		Sub-Slab	Indoor Air	
Parameter									
Matrix A									
1,1-Dichloroethene	100 U	0.2 U	No Further Action	0.2 U	0.2 U	No Further Action	0.2 U	0.2 U	No Further Action
Carbon Tetrachloride	100 U	0.2 U	No Further Action	0.48	0.2 U	No Further Action	0.45	0.2 U	No Further Action
Trichloroethylene (TCE)	6400	0.2 U	**Mitigate**	5.9	0.2 U	No Further Action	570 D	0.2 U	**Mitigate**
Matrix B									
1,1,1-Trichloroethane (TCA)	550 U	1.1 U	No Further Action	1.1 U	1.1 U	No Further Action	1.1 U	1.1 U	No Further Action
Tetrachloroethylene (PCE)	680 U	1.4 U	No Further Action	2.3	5.7	No Further Action	320	1.4 U	No Further Action
Matrix C									
Vinyl Chloride	100 U	0.2 U	No Further Action	0.2 U	0.2 U	No Further Action	0.2 U	0.2 U	No Further Action
Matrix D									
Benzene	320 U	0.34 J	No Further Action	0.52 J	0.43 J	No Further Action	0.6 J	0.43 J	No Further Action
Matrix E									
Matrix F									

Table 4. SSDS Inspection and Monitoring
1360 East Main Street, Shrub Oak, NY

Field measurement collected on 4/8/2026.

Location	Sample ID	Type	Vacuum Pressure (in H2O)	Temperature (°F)	Total VOCs - PID	Velocity (ft/min)	Flow Rate (acfm)	Flow Rate (scfm)
ACME Store	VMP-1	Extraction Point	-1.258	54.5	NM	2115	187	189
	VMP-2	Extraction Point	-1.423	65.6	NM	344	30.4	30.0
	VMP-3	Extraction Point	-1.673	60.1	NM	666	58.9	58.7
	V-3	Extraction- Header / Stack	-1.541	52.7	0.3	954	84.3	85.2
Drycleaner	*EP-1	Extraction Point / Stack	-0.596	59.6	0.2	56	1.3	1.3
Post Office	EP-2 / VMS-2	Extraction Point / Stack	-8.076	58.6	0.1	3220	285	280

Table 5. DER-DAR Air Emissions Analysis Worksheet
1360 East Main Street, Shrub Oak, NY

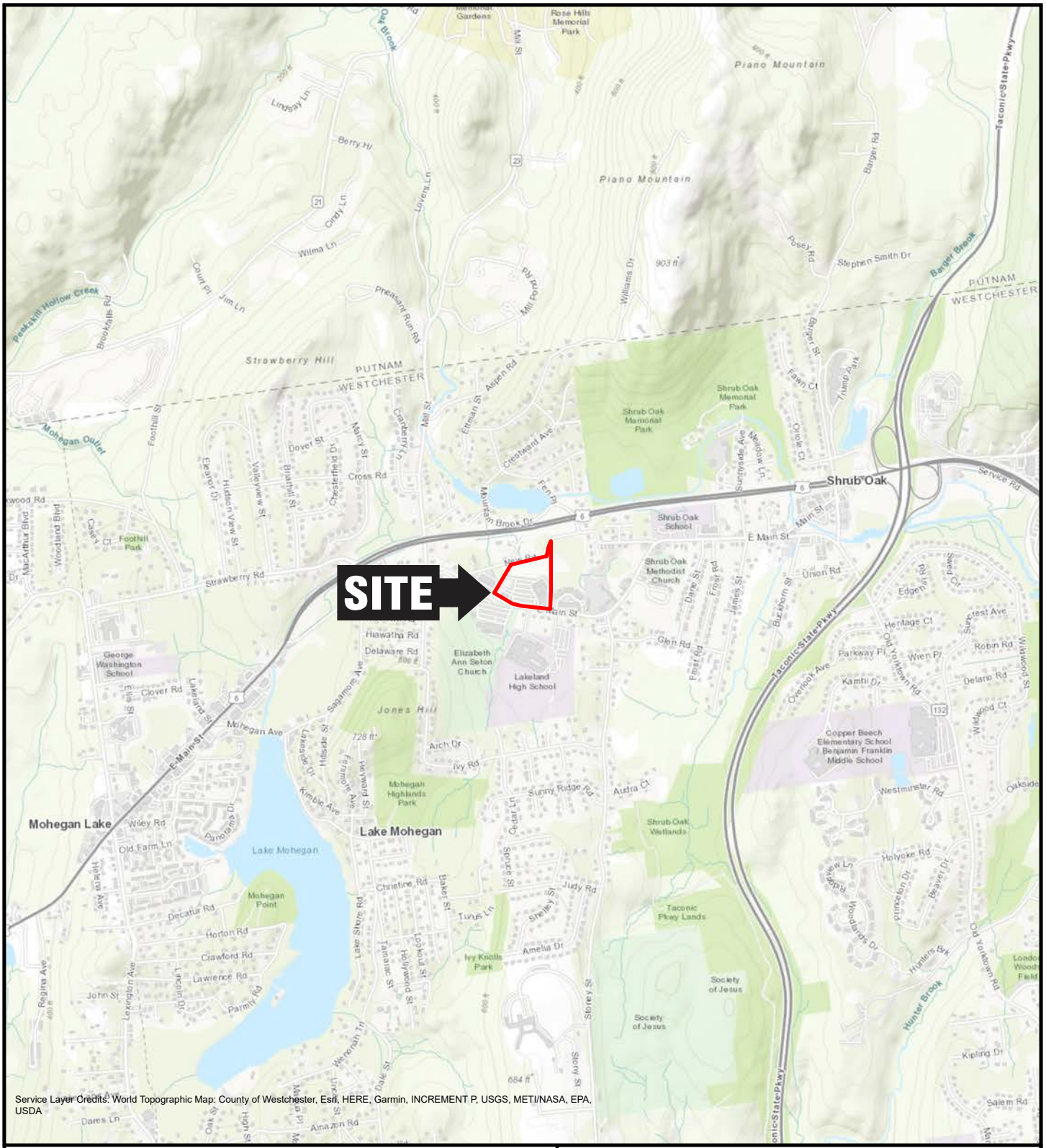
Calculations based on SVES effluent sample results from 4/8/2026

Total Facility Wide Emission Rates for:	CAS Number	Emission Rate (lb/hr)	Emission Rate Potential (lb/yr)	Mass Emission Limit Part 212-2.2 Table 2 HTAC or 100 lb/yr for non-HTAC[1]	
1,1,2-Trichlorotrifluoroethane	00076-13-1	8.0E-07 lb/hr or	7.0E-03 lb/yr	100 lb/yr	PASS
1,2,4-Trimethylbenzene (Pseudocumene)	00095-63-6	3.5E-06 lb/hr or	3.1E-02 lb/yr	100 lb/yr	PASS
1,3,5-Trimethylbenzene (Mesitylene)	00108-67-8	1.1E-06 lb/hr or	9.7E-03 lb/yr	100 lb/yr	PASS
4-Ethyltoluene	00622-96-8	1.4E-06 lb/hr or	1.3E-02 lb/yr	100 lb/yr	PASS
Acetone	00067-64-1	4.9E-05 lb/hr or	4.3E-01 lb/yr	100 lb/yr	PASS
Benzene	00071-43-2	5.6E-07 lb/hr or	4.9E-03 lb/yr	**100** lb/yr	PASS
Carbon Disulfide	00075-15-0	1.3E-06 lb/hr or	1.1E-02 lb/yr	100 lb/yr	PASS
Carbon Tetrachloride	00056-23-5	4.6E-07 lb/hr or	4.0E-03 lb/yr	**100** lb/yr	PASS
Chloroform	00067-66-3	7.7E-07 lb/hr or	6.8E-03 lb/yr	100 lb/yr	PASS
Chloromethane	00074-87-3	2.6E-09 lb/hr or	2.2E-05 lb/yr	100 lb/yr	PASS
Cis-1,2-Dichloroethylene (DCE)	00156-59-2	8.1E-07 lb/hr or	7.1E-03 lb/yr	100 lb/yr	PASS
Cyclohexane	00110-82-7	8.8E-08 lb/hr or	7.7E-04 lb/yr	100 lb/yr	PASS
Dichlorodifluoromethane	00075-71-8	3.8E-06 lb/hr or	3.4E-02 lb/yr	100 lb/yr	PASS
Ethylbenzene	00100-41-4	1.8E-07 lb/hr or	1.6E-03 lb/yr	100 lb/yr	PASS
Isopropanol (Isopropyl Alcohol)	00067-63-0	1.1E-05 lb/hr or	9.8E-02 lb/yr	100 lb/yr	PASS
m,p-Xylene (M-, O- & P- Mixture)	01330-20-7	1.3E-06 lb/hr or	1.2E-02 lb/yr	100 lb/yr	PASS
Methyl Ethyl Ketone (2-Butanone)	00078-93-3	8.9E-07 lb/hr or	7.8E-03 lb/yr	100 lb/yr	PASS
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	00108-10-1	1.0E-08 lb/hr or	9.2E-05 lb/yr	100 lb/yr	PASS
n-Butane	00106-97-8	2.3E-05 lb/hr or	2.0E-01 lb/yr	100 lb/yr	PASS
n-Propylbenzene	00103-65-1	8.1E-07 lb/hr or	7.1E-03 lb/yr	100 lb/yr	PASS
o-Xylene (1,2-Dimethylbenzene)	00095-47-6	1.8E-07 lb/hr or	1.6E-03 lb/yr	100 lb/yr	PASS
Toluene	00108-88-3	2.6E-06 lb/hr or	2.2E-02 lb/yr	100 lb/yr	PASS
Trichloroethylene (TCE)	00079-01-6	3.1E-09 lb/hr or	2.8E-05 lb/yr	**500** lb/yr	PASS
Trichlorofluoromethane	00075-69-4	2.3E-06 lb/hr or	2.0E-02 lb/yr	100 lb/yr	PASS

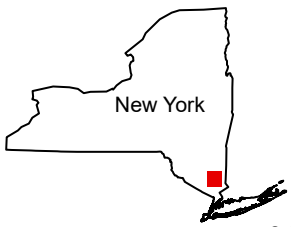
Notes:
1. Bold limit is a listed HTAC with a mass emission limit per Part 212-2.2 Table 2. Non-bold limited is default limit for any non-HTAC

FIGURES

1. Site Location Map
2. 2026 Sampling with Mitigation Actions Map



QUADRANGLE LOCATION



N

2,000 0 2,000'

Title:

SITE LOCATION MAP

VAPOR INTRUSION INVESTIGATION REPORT
NYSDEC BCP SITE NO. C360117
MR. CLEANERS - SHRUB OAK SHOPPING CENTER
1360 EAST MAIN STREET, SHRUB OAK, NEW YORK

Prepared for:

SHRUB OAK PARTNERS LLC

ROUX

Compiled by: P.M.	Date: 05/08/26
Prepared by: M.S.R.	Scale: AS SHOWN
Project Mgr: P.M.	Project: 3950.0001Y000
File: 3950.0001Y130.01.APRX	

FIGURE 1

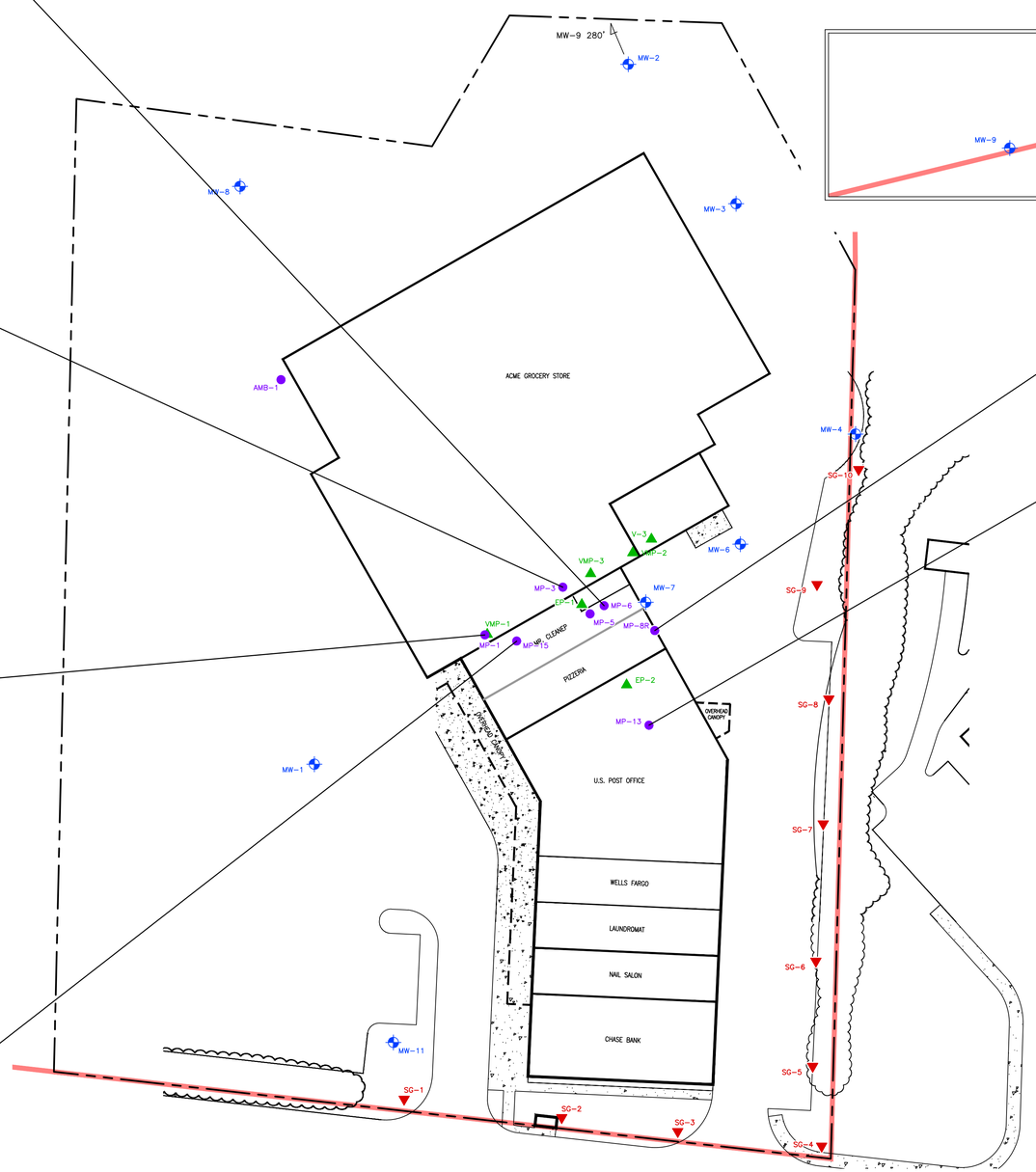
V:\GIS\PROJECTS\3950\0001Y\PRO\395000001Y.APRX

Sample Location:	DRYCLEANER		
Co-located Location:	MP-6 / IA-6		
Sample Date:	04/08/2026		
Sample Designation: / Colocated Location:	MP-6 Sub-Slab	IA-6 Indoor Air	RECOMMENDED ACTION
Parameter			
Matrix A			
1,1-Dichloroethene	100 U	0.2 U	No Further Action
Carbon Tetrachloride	100 U	0.2 U	No Further Action
Cis-1,2-Dichloroethylene	89000	0.2 U	Mitigate
Trichloroethylene (TCE)	6400	0.2 U	Mitigate
Matrix B			
1,1,1-Trichloroethane (TCA)	550 U	1.1 U	No Further Action
Methylene Chloride	870 U	1.7 U	No Further Action
Tetrachloroethylene (PCE)	680 U	1.4 U	No Further Action
Matrix C			
Vinyl Chloride	100 U	0.2 U	No Further Action
Matrix D			
1,2,4-Trimethylbenzene	490 U	12	Identify Source or Resample or Mitigate
1,3,5-Trimethylbenzene (Mesitylene)	490 U	3.3	No Further Action
2,2,4-Trimethylpentane	470 U	0.93 U	No Further Action
Benzene	320 U	0.34 J	No Further Action
Cyclohexane	340 U	0.69 U	No Further Action
Ethylbenzene	430 U	0.87 U	No Further Action
Naphthalene	1000 U	2 U	No Further Action
O-Xylene (1,2-Dimethylbenzene)	430 U	0.87 U	No Further Action
Matrix E			
m,p-Xylene	1100 U	2.2 U	No Further Action
N-Heptane	410 U	0.82 U	No Further Action
N-Hexane	880 U	1.8 U	No Further Action
Matrix F			
Toluene	380 U	1.3	No Further Action

Sample Location:	ACME		
Co-located Location:	MP-3 / IA-3		
Sample Date:	04/08/2026		
Sample Designation: / Colocated Location:	MP-3 Sub-Slab	IA-3 Indoor Air	RECOMMENDED ACTION
Parameter			
Matrix A			
1,1-Dichloroethene	0.2 U	0.2 U	No Further Action
Carbon Tetrachloride	0.2 U	0.44	No Further Action
Cis-1,2-Dichloroethylene	0.33	0.2 U	No Further Action
Trichloroethylene (TCE)	0.54	0.2 U	No Further Action
Matrix B			
1,1,1-Trichloroethane (TCA)	1.1 U	1.1 U	No Further Action
Methylene Chloride	1.7 U	1.7 U	No Further Action
Tetrachloroethylene (PCE)	1.1 J	1.4 U	No Further Action
Matrix C			
Vinyl Chloride	0.2 U	0.2 U	No Further Action
Matrix D			
1,2,4-Trimethylbenzene	3.4	4.5	No Further Action
1,3,5-Trimethylbenzene (Mesitylene)	1.1	1.1	No Further Action
2,2,4-Trimethylpentane	0.93 U	0.52 J	No Further Action
Benzene	0.46 J	0.4 J	No Further Action
Cyclohexane	0.55 J	0.41 J	No Further Action
Ethylbenzene	1.7	1.9	No Further Action
Naphthalene	2 U	2 U	No Further Action
O-Xylene (1,2-Dimethylbenzene)	1.4	1.4	No Further Action
Matrix E			
m,p-Xylene	6	6.8	No Further Action
N-Heptane	0.66 J	0.58 J	No Further Action
N-Hexane	1.8 U	1.8 U	No Further Action
Matrix F			
Toluene	2	1.6	No Further Action

Sample Location:	ACME		
Co-located Location:	MP-1 / IA-1		
Sample Date:	04/08/2026		
Sample Designation: / Colocated Location:	MP-1 Sub-Slab	IA-1 Indoor Air	RECOMMENDED ACTION
Parameter			
Matrix A			
1,1-Dichloroethene	0.2 U	0.2 U	No Further Action
Carbon Tetrachloride	0.2 U	0.49	No Further Action
Cis-1,2-Dichloroethylene	0.2 U	0.2 U	No Further Action
Trichloroethylene (TCE)	0.2 U	0.2 U	No Further Action
Matrix B			
1,1,1-Trichloroethane (TCA)	1.1 U	1.1 U	No Further Action
Methylene Chloride	1.7 U	1.7 U	No Further Action
Tetrachloroethylene (PCE)	1.4 U	1.4 U	No Further Action
Matrix C			
Vinyl Chloride	0.2 U	0.2 U	No Further Action
Matrix D			
1,2,4-Trimethylbenzene	2.6	6.7	No Further Action
1,3,5-Trimethylbenzene (Mesitylene)	0.82 J	2.1	No Further Action
2,2,4-Trimethylpentane	0.34 J	3.4	No Further Action
Benzene	0.47 J	0.31 J	No Further Action
Cyclohexane	0.49 J	0.69 U	No Further Action
Ethylbenzene	1.5	3.8	No Further Action
Naphthalene	2 U	2 U	No Further Action
O-Xylene (1,2-Dimethylbenzene)	1	2.6	No Further Action
Matrix E			
m,p-Xylene	5.4	15	No Further Action
N-Heptane	0.53 J	0.65 J	No Further Action
N-Hexane	0.42 J	1.8 U	No Further Action
Matrix F			
Toluene	1.4	0.55 J	No Further Action

Sample Location:	DRYCLEANER		
Co-located Location:	MP-15 / IA-15		
Sample Date:	04/08/2026		
Sample Designation: / Colocated Location:	MP-15 Sub-Slab	IA-15 Indoor Air	RECOMMENDED ACTION
Parameter			
Matrix A			
1,1-Dichloroethene	0.2 U	0.2 U	No Further Action
Carbon Tetrachloride	0.2 U	0.2 U	No Further Action
Cis-1,2-Dichloroethylene	7400 D	0.2 U	Mitigate
Trichloroethylene (TCE)	2800 D	0.66	Mitigate
Matrix B			
1,1,1-Trichloroethane (TCA)	1.1 U	1.1 U	No Further Action
Methylene Chloride	1.7 U	1.7 U	No Further Action
Tetrachloroethylene (PCE)	550 D	4.8	Monitor
Matrix C			
Vinyl Chloride	0.2 U	0.2 U	No Further Action
Matrix D			
1,2,4-Trimethylbenzene	0.98 U	16	Identify Source or Resample or Mitigate
1,3,5-Trimethylbenzene (Mesitylene)	0.98 U	4.3	No Further Action
2,2,4-Trimethylpentane	0.93 U	15	Identify Source or Resample or Mitigate
Benzene	3.8	0.33 J	No Further Action
Cyclohexane	0.69 U	0.69 U	No Further Action
Ethylbenzene	0.87 U	0.87 U	No Further Action
Naphthalene	2 U	2 U	No Further Action
O-Xylene (1,2-Dimethylbenzene)	0.87 U	0.57 J	No Further Action
Matrix E			
m,p-Xylene	2.2 U	0.86 J	No Further Action
N-Heptane	0.82 U	0.82 U	No Further Action
N-Hexane	1.8 U	1.8 U	No Further Action
Matrix F			
Toluene	0.75	1.2	No Further Action



Sample Location:	PIZZERIA		
Co-located Location:	MP-8R / IA-8R		
Sample Date:	04/08/2026		
Sample Designation: / Colocated Location:	MP-8R Sub-Slab	IA-8R Indoor Air	RECOMMENDED ACTION
Parameter			
Matrix A			
1,1-Dichloroethene	0.2 U	0.2 U	No Further Action
Carbon Tetrachloride	0.48	0.2 U	No Further Action
Cis-1,2-Dichloroethylene	1.8	0.2 U	No Further Action
Trichloroethylene (TCE)	5.9	0.2 U	No Further Action
Matrix B			
1,1,1-Trichloroethane (TCA)	1.1 U	1.1 U	No Further Action
Methylene Chloride	1.7 U	1.7 U	No Further Action
Tetrachloroethylene (PCE)	2.3	5.7	No Further Action
Matrix C			
Vinyl Chloride	0.2 U	0.2 U	No Further Action
Matrix D			
1,2,4-Trimethylbenzene	0.98 U	5.7	No Further Action
1,3,5-Trimethylbenzene (Mesitylene)	0.98 U	1.5	No Further Action
2,2,4-Trimethylpentane	0.93 U	0.93 U	No Further Action
Benzene	0.52 J	0.43 J	No Further Action
Cyclohexane	0.55 J	0.69 U	No Further Action
Ethylbenzene	0.87 U	0.87 U	No Further Action
Naphthalene	2 U	2 U	No Further Action
O-Xylene (1,2-Dimethylbenzene)	0.87 U	0.87 U	No Further Action
Matrix E			
m,p-Xylene	2.2 U	2.2 U	No Further Action
N-Heptane	0.82 U	1.4	No Further Action
N-Hexane	0.98 J	1.8 U	No Further Action
Matrix F			
Toluene	0.55 J	0.65 J	No Further Action

Sample Location:	US POST OFFICE		
Co-located Location:	MP-13 / IA-13		
Sample Date:	04/08/2026		
Sample Designation: / Colocated Location:	MP-13 Sub-Slab	IA-13 Indoor Air	RECOMMENDED ACTION
Parameter			
Matrix A			
1,1-Dichloroethene	0.2 U	0.2 U	No Further Action
Carbon Tetrachloride	0.45	0.2 U	No Further Action
Cis-1,2-Dichloroethylene	860 D	0.2 U	Mitigate
Trichloroethylene (TCE)	570 D	0.2 U	Mitigate
Matrix B			
1,1,1-Trichloroethane (TCA)	1.1 U	1.1 U	No Further Action
Methylene Chloride	1.7 U	1.7 U	No Further Action
Tetrachloroethylene (PCE)	320	1.4 U	No Further Action
Matrix C			
Vinyl Chloride	0.2 U	0.2 U	No Further Action
Matrix D			
1,2,4-Trimethylbenzene	3	3.8	No Further Action
1,3,5-Trimethylbenzene (Mesitylene)	1	1.2	No Further Action
2,2,4-Trimethylpentane	1.5	0.93 U	No Further Action
Benzene	0.6 J	0.43 J	No Further Action
Cyclohexane	0.69 U	0.69 U	No Further Action
Ethylbenzene	0.59 J	0.87 U	No Further Action
Naphthalene	2 U	2 U	No Further Action
O-Xylene (1,2-Dimethylbenzene)	0.87	0.42 J	No Further Action
Matrix E			
m,p-Xylene	2.3	0.71 J	No Further Action
N-Heptane	0.82 U	0.47 J	No Further Action
N-Hexane	1.8 U	1.8 U	No Further Action
Matrix F			
Toluene	1.4	1.1	No Further Action

NYSDOH CEH BEEI Soil Vapor Intrusion Guidance of May 2017, UPDATED February 2024				
Parameter	Sub-Slab Air Lower Threshold Level		Indoor Air Lower Threshold Level	
	Monitor	Mitigate	Monitor	Mitigate
Matrix A				
1,1-Dichloroethene	6	60	0.2 to <1	1+
Carbon Tetrachloride	6	60	0.2 to <1	1+
Cis-1,2-Dichloroethylene	6	60	0.2 to <1	1+
Trichloroethylene (TCE)	6	60	0.2 to <1	1+
Matrix B				
1,1,1-Trichloroethane (TCA)	100	1000	3 to <10	10+
Methylene Chloride	100	1000	3 to <10	10+
Tetrachloroethylene (PCE)	100	1000	3 to <10	10+
Matrix C				
Vinyl Chloride	6	60	< 0.2	0.2+
Matrix D				
1,2,4-Trimethylbenzene	60	600	2 to <10	10+
1,3,5-Trimethylbenzene (Mesitylene)	60	600	2 to <10	10+
2,2,4-Trimethylpentane	60	600	2 to <10	10+
Benzene	60	600	2 to <10	10+
Cyclohexane	60	600	2 to <10	10+
Ethylbenzene	60	600	2 to <10	10+
Naphthalene	60	600	2 to <10	10+
O-Xylene (1,2-Dimethylbenzene)	60	600	2 to <10	10+
Matrix E				
m,p-Xylene	200	2000	6 to <20	20+
N-Heptane	200	2000	6 to <20	20+
N-Hexane	200	2000	6 to <20	20+
Matrix F				
Toluene	300	3000	10 to <50	50+

J – ESTIMATED VALUE

U – INDICATES THE THE COMPOUND WAS ANALYZED FRO BUT NOT DETECTED

ug/m^3 – MICROGRAMS PER CUBIC METER

TCE – INDOOR AIR GUIDANCE VALUE: 2 ug/m^3

TCE – IMMEDIATE ACTION LEVEL: 20 ug/m^3

PCE – INDOOR AIR GUIDANCE: 30 ug/m^3

PCE – IMMEDIATE ACTION LEVEL: 300 ug/m^3

NYSDOH – NEW YORK STATE DEPARTMENT OF HEALTH

CEH – CENTER FOR ENVIRONMENTAL HEALTH

BEEI – BUREAU OF ENVIRONMENTAL EXPOSURE INVESTIGATION

FINAL NYSDOH CEH BEEI SOIL VAPOR INTRUSION GUIDANCE OF MAY 2017, UPDATED FEBRUARY 2024

LEGEND

- BROWNFIELD PARCEL LINE
- PROPERTY LINE
- EP–1 EXTRACTION POINT LOCATION
- MP–1 MONITORING POINT LOCATION
- MW–1 MONITORING WELL LOCATION
- SG–1 SOIL VAPOR SAMPLE LOCATION
- ORANGE RESULT IS ABOVE THE "MONITOR" LEVEL AS DEFINED BY THE SOILVAPOR/INDOOR AIR MATRICES FOR THE NYSDOH
- PINK RESULT IS ABOVE THE "MITIGATE" LEVEL AS DEFINED BY THE SOIL VAPOR/INDOOR AIR MATRICES FOR THE NYSDOH
- **BOLD BLACK** RESULT IS ABOVE THE AIR GUIDELINE VALUE AS DEFINED BY THE NYSDOH
- NYSDOH NEW YORK STATE DEPARTMENT OF HEALTH
- PCE TETRACHLOROETHENE
- TCE TRICHLOROETHENE
- CT CARBON TETRACHLORIDE
- 1,1,1–TCA 1,1,1–TRICHLOROETHANE
- c1,2–DCE cis–1,2–DICHLOROETHENE
- 1,1–DCE 1,1–DICHLOROETHENE
- DCM METHYLENE CHLORIDE
- VC VINYL CHLORIDE
- E CONCENTRATION OF ANALYTE EXCEEDS THE RANGE OF THE CALIBRATION CURVE AND/OR LINEAR RANGE OF THE INSTRUMENT
- ND COMPOUND NOT DETECTED

NOTES

1. THE ACTIVE EXTRACTION POINT NAMED VMP–1 WAS PREVIOUSLY REFERRED TO AS VMP–4.
2. CONCENTRATIONS ARE SHOWN IN MICROGRAMS PER CUBIC METER (mcg/m^3)

SOURCE

EXCEL ENVIRONMENTAL RESOURCES, INC., PROJECT #12229, "GENERALIZED SITE PLAN" DATED APRIL 22, 2019.

N

30' 0 30'

Title:

2026 SAMPLING WITH MITIGATION ACTIONS MAP

REMEDIAL INVESTIGATION REPORT
NYSDEC BCP SITE NO. C360117
MR. CLEANERS-SHRUB OAK SHOPPING CENTER
1360 EAST MAIN STREET, SHRUB OAK, NEW YORK

Prepared for:

SHRUB OAK PARTNERS LLC

ROUX

Compiled by: R.F.	Date: 01JUNE26	FIGURE 3
Prepared by: G.M.	Scale: AS SHOWN	
Project Mgr: C.I.	Project: 3950.0001Y000	
File: 3950.0001Y130.02.DWG		

W:\CAD\3950\0001Y\130\3950.0001Y130.02.DWG

APPENDICES

A. Sampling Forms
B. NYS DOH Indoor Air Quality Questionnaire and Building Inventory
C. Photolog
D. Lab Results
E. Tenant Notification Letter

APPENDIX A

Sampling Forms

Soil Vapor Sampling Form

Date: 4/8/26 Time: _____

Weather : _____

Temperature: _____ Humidity: _____

Wind Magnitude: _____ Wind Direction: _____

Barometric Pressure: _____ Precipitation: _____

Sampling Team: BW + DJ

Sampling Location: Shrub OK

Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and what type of basements are present)

EP-2 : 4in Pipe VOC : 0.1 ppm

V-3 : 4in Pipe VOC : 0.3 ppm.

EP-1 : 2in Pipe VOC : 0.2 ppm

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: _____

Sampling Depth: _____ feet below land surface (If ambient air sample, elevate can to approx. 3 ft - 5 ft above land surface)

Sealed with bentonite: _____

Apparent Moisture Content: _____

Purge Rate: _____ Must be less than 0.2 L/min (200 mL/min)

Purge Time: _____

Helium Rate at enclosure: _____

Helium Rate from sample tubing: _____ Is this rate <10% of the rate at the enclosure Yes / No

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure:	-30 in. of Hg	-29	-29	-30
Starting Time:	1126	1146	1200	0847
Ending Time:	1524	1353	1415	1421
Ending Pressure:	-5 in. of Hg	-6	-5	-5
Summa Canister Identification #:	4717	262	3160	~~866~~
Flow Regulator ID #	3937	A43006	A436004	204793
Sample ID #	EP-2	V-3	EP-1	AMB-1
Time	2hr	2hr	2hr	8hr
Analysis				
Laboratory				

ROUX

Scanned with CamScanner

Soil Vapor Sampling Form

Date: 4/8/26 Time: _____

Weather : _____

Temperature: _____ Humidity: _____

Wind Magnitude: _____ Wind Direction: _____

Barometric Pressure: _____ Precipitation: _____

Sampling Team: BW + DJ

Sampling Location: Shub Oak

Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and what type of basements are present)

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: _____

Sampling Depth: _____ feet below land surface (If ambient air sample, elevate can to approx. 3 ft - 5 ft above land surface)

Sealed with bentonite: _____

Apparent Moisture Content: _____

Purge Rate: 20° Must be less than 0.2 L/min (200 mL/min)

Purge Time: 3

Helium Rate at enclosure: 9750

Helium Rate from sample tubing: 0 Is this rate <10% of the rate at the enclosure **Yes / No**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure: -30 in. of Hg -29

Starting Time: 0917 0913

Ending Time: 1629 1616

Ending Pressure: -6 in. of Hg -6

Summa Canister Identification #: 1448 ~~1958~~ A818010

Flow Regulator ID # 27025

Sample ID # MP-6 IA-6

Time _____

Analysis _____

Laboratory _____

ROUX

Scanned with CamScanner

Soil Vapor Sampling Form

Date: 4/8/26 Time: _____

Weather : _____

Temperature: _____ Humidity: _____

Wind Magnitude: _____ Wind Direction: _____

Barometric Pressure: _____ Precipitation: _____

Sampling Team: BW + DJ

Sampling Location: Shrub Oak

Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and what type of basements are present)

Post Office

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: _____

Sampling Depth: _____ feet below land surface (If ambient air sample, elevate can to approx. 3 ft - 5 ft above land surface)

Sealed with bentonite: _____

Apparent Moisture Content: _____

Purge Rate: 200 Must be less than 0.2 L/min (200 mL/min)

Purge Time: 3

Helium Rate at enclosure: 3000

Helium Rate from sample tubing: 0 Is this rate <10% of the rate at the enclosure **Yes / No**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure:	-29 in. of Hg	-30
Starting Time:	1108	0855
Ending Time:	1658	1620
Ending Pressure:	-11.5 in. of Hg	-6
Summa Canister Identification #:	3380	4795
Flow Regulator ID #	AQ42014	4499
Sample ID #	MP-13	IA-13
Time	8hr	
Analysis	TO-15	
Laboratory	Eurofins	

ROUX

Scanned with CamScanner

Soil Vapor Sampling Form

Date: 4/8/26 **Time:** _____

Weather : _____

Temperature: _____ Humidity: _____

Wind Magnitude: _____ Wind Direction: _____

Barometric Pressure: _____ Precipitation: _____

Sampling Team: BW + DJ

Sampling Location: Shrub Oak

Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and what type of basements are present)

Pizza

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: _____

Sampling Depth: _____ feet below land surface (If ambient air sample, elevate can to approx. 3 ft - 5 ft above land surface)

Sealed with bentonite: _____

Apparent Moisture Content: _____

Purge Rate: 200 Must be less than 0.2 L/min (200 mL/min)

Purge Time: 3

Helium Rate at enclosure: 5500

Helium Rate from sample tubing: 0 Is this rate <10% of the rate at the enclosure **Yes / No**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure:	-30 in. of Hg	-30
Starting Time:	1018	1070
Ending Time:	1650	1650
Ending Pressure:	-10 in. of Hg	-10
Summa Canister Identification #:	879	1789
Flow Regulator ID #	A766007	3175
Sample ID #	MP-8R	IA-8R
Time	8W	
Analysis		
Laboratory		

ROUX

Scanned with CamScanner

Scanned with CamScanner

Soil Vapor Sampling Form

Date: 4/8/26 **Time:** _____

Weather : _____

Temperature: _____ Humidity: _____

Wind Magnitude: _____ Wind Direction: _____

Barometric Pressure: _____ Precipitation: _____

Sampling Team: BW + DJ

Sampling Location: Shrub OAK

Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and what type of basements are present)

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: _____

Sampling Depth: _____ feet below land surface (If ambient air sample, elevate can to approx. 3 ft - 5 ft above land surface)

Sealed with bentonite: _____

Apparent Moisture Content: _____

Purge Rate: 200 Must be less than 0.2 L/min (200 mL/min)

Purge Time: 3

Helium Rate at enclosure: 7625

Helium Rate from sample tubing: 0 Is this rate <10% of the rate at the enclosure **Yes / No**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure:	-30 in. of Hg	-29	-30
Starting Time:	0842	0841	0841
Ending Time:	1645	14:50	14:50
Ending Pressure:	-6 in. of Hg	-5	-6
Summa Canister Identification #:	1510	4427	1788
Flow Regulator ID #	4521	3171	A439014
Sample ID #	MP-1	IA-1	DUP_040826
Time	8W		
Analysis			
Laboratory			

ROUX

Soil Vapor Sampling Form

Date: 4/8/26 Time: _____

Weather : _____

Temperature: _____ Humidity: _____

Wind Magnitude: _____ Wind Direction: _____

Barometric Pressure: _____ Precipitation: _____

Sampling Team: BW & DS

Sampling Location: Thwb Oak

Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and what type of basements are present)

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: _____

Sampling Depth: _____ feet below land surface (If ambient air sample, elevate can to approx. 3 ft - 5 ft above land surface)

Sealed with bentonite: _____

Apparent Moisture Content: _____

Purge Rate: 200 Must be less than 0.2 L/min (200 mL/min)

Purge Time: 3

Helium Rate at enclosure: 5600

Helium Rate from sample tubing: 0 Is this rate <10% of the rate at the enclosure **Yes / No**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure:	-29 in. of Hg	-29
Starting Time:	0830	0831
Ending Time:	1553	1549
Ending Pressure:	-6 in. of Hg	-6
Summa Canister Identification #:	1782	2670
Flow Regulator ID #	5207	A731022
Sample ID #	MP-3	IA-3
Time	8hr	
Analysis		
Laboratory		

ROUX

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Soil Vapor Sampling Form

Date: 4/8/26 **Time:** _____

Weather : _____

Temperature: _____ Humidity: _____

Wind Magnitude: _____ Wind Direction: _____

Barometric Pressure: _____ Precipitation: _____

Sampling Team: BW & DJ

Sampling Location: Mr Shrub O.K

Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and what type of basements are present)

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: _____

Sampling Depth: _____ feet below land surface (If ambient air sample, elevate can to approx. 3 ft - 5 ft above land surface)

Sealed with bentonite: _____

Apparent Moisture Content: _____

Purge Rate: 200 Must be less than 0.2 L/min (200 mL/min)

Purge Time: 3

Helium Rate at enclosure: 4375

Helium Rate from sample tubing: 0 Is this rate <10% of the rate at the enclosure **Yes / No**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure:	-29 in. of Hg	-29
Starting Time:	0910	0909
Ending Time:	1611	1610
Ending Pressure:	-6 in. of Hg	-6
Summa Canister Identification #:	1463	1394
Flow Regulator ID #	3384	5227
Sample ID #	MP-15	IA-15
Time	8hr	
Analysis		
Laboratory		

ROUX

Table 1. Sampling Summary

Location	Sample ID	Type	Sampling / Data Collection Type
ACME Store	MP-1	SS Monitoring Point	8hr- sample for VOCs via EPA Method TO-15
	IA-1	Co-located Indoor Air	8hr- sample for VOCs via EPA Method TO-15
	MP-3	SS Monitoring Point	8hr- sample for VOCs via EPA Method TO-15
	IA-3	Co-located Indoor Air	8hr- sample for VOCs via EPA Method TO-15
	VMP-1	Extraction Point	Vacuum reading / Air velocity (gauging only) -1.258 in H20 2115 ft/min
	VMP-2	Extraction Point	Vacuum reading / Air velocity (gauging only) -1.483 in H20 344 ft/min
	VMP-3	Extraction Point	Vacuum reading / Air velocity (gauging only) -1.673 in H20 666 ft/min
	V-3	Extraction- Header	Gauging and 1hr-sample for VOCs (TO-15) -1.542 in H20 954
Drycleaner	MP-6	SS Monitoring Point	8hr- sample for VOCs via EPA Method TO-15
	IA-6	Co-located Indoor Air	8hr- sample for VOCs via EPA Method TO-15
	MP-15	SS Monitoring Point	8hr- sample for VOCs via EPA Method TO-15
	IA-15	Co-located Indoor Air	8hr- sample for VOCs via EPA Method TO-15
	EP-1	Extraction Point / Stack	Gauging and 1hr-sample for VOCs (TO-15) -0.596 in H_2O 56 ft/min
Pizzeria	MP-8R	SS Monitoring Point	8hr- sample for VOCs via EPA Method TO-15
	IA-8R	Co-located Indoor Air	8hr- sample for VOCs via EPA Method TO-15
Post Office	MP-13	SS Monitoring Point	8hr- sample for VOCs via EPA Method TO-15
	IA-13	Co-located Indoor Air	8hr- sample for VOCs via EPA Method TO-15
	EP-2 / VMS-2	Extraction Point / Stack	Gauging and 1hr-sample for VOCs (TO-15) -8.076 in H20 3220 ft/min

AMB-1

DVP

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APPENDIX B

NYS DOH Indoor Air Quality Questionnaire and Building Inventory

OSR – 3

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Ben Weintraub Date/Time Prepared 4/8/26

Preparer's Affiliation Inspector Phone No. 631-232-2600

Purpose of Investigation _____

1. OCCUPANT:

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	Commercial/Multi-use
Industrial	Church	Other: _____

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5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: 0 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

_____

_____

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	Central Air	Window units	Open Windows	None

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Are there air distribution ducts present? (Y) / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

_____

_____

_____

_____

7. OCCUPANCY

Is basement/lowest level occupied? Full-time (Occasionally) Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	NA
1st Floor	Groceries, Pizzeria, Post office, Dry Cleaner
2nd Floor	X
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / (NA) Please specify_____

d. Has the building ever had a fire? Y / N When?_____

e. Is a kerosene or unvented gas space heater present? Y / N Where?_____

f. Is there a workshop or hobby/craft area? Y / (N) Where & Type? _____

g. Is there smoking in the building? Y / (N) How frequently? _____

h. Have cleaning products been used recently? (Y) / N When & Type? Post office, Fabuloso

i. Have cosmetic products been used recently? Y / (N) When & Type? _____

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j. Has painting/staining been done in the last 6 months? Y / (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / (N) When & Type? _____

m. Is there a kitchen exhaust fan? Y / N If yes, where vented? Yes - Pizzeria

n. Is there a bathroom exhaust fan? Y / (N) If yes, where vented? _____

o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N Yes - dryclean

p. Has there been a pesticide application? Y / (N) When & Type? _____

Are there odors in the building? Y / N
If yes, please describe: Post office - Floor ^Cleaner

Do any of the building occupants use solvents at work? Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? Dryclean - See inventory

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) - Dry cleaner
Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service - Dry cleaner
No
Unknown

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply:	Public Water	Drilled Well	Driven Well	Dug Well	Other: _____
Sewage Disposal:	Public Sewer	Septic Tank	Leach Field	Dry Well	Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

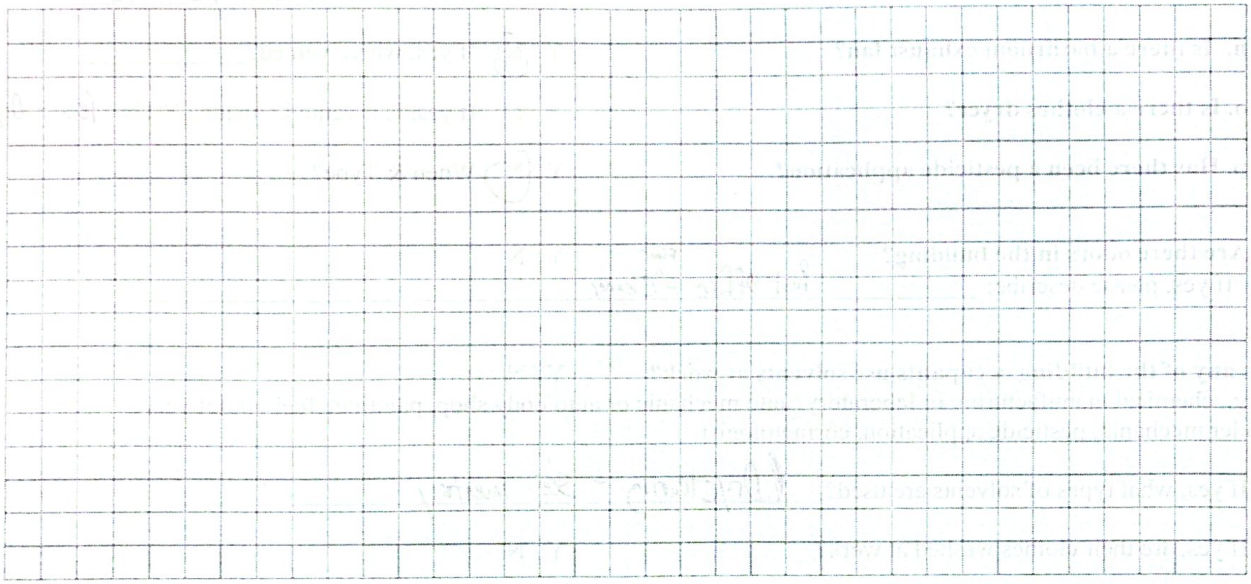
d. Relocation package provided and explained to residents? Y / N

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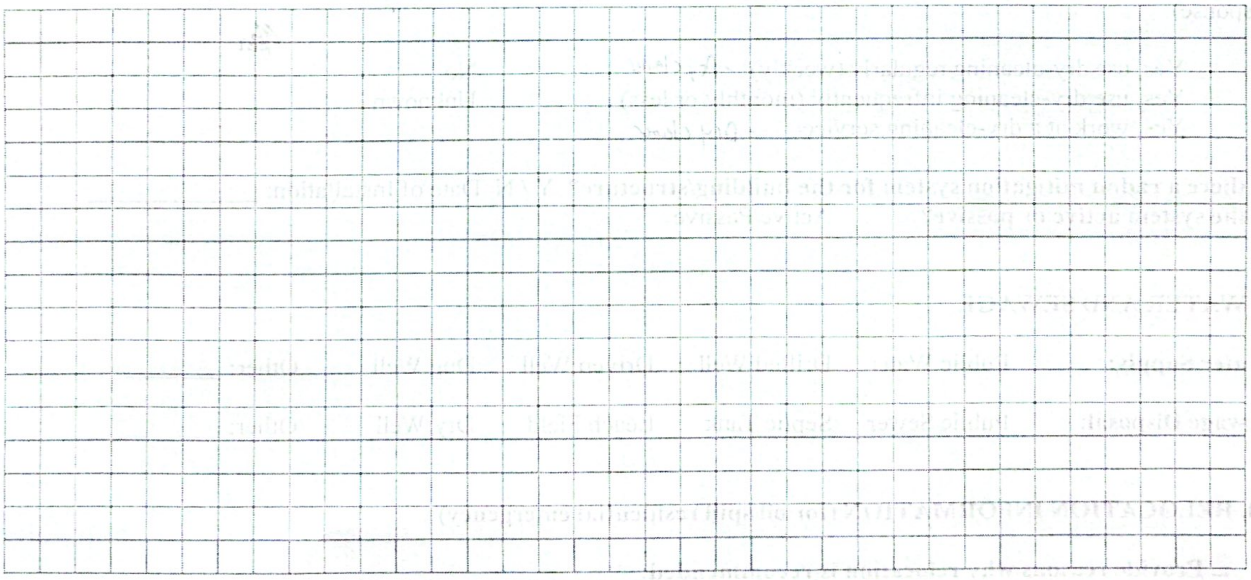
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



First Floor:

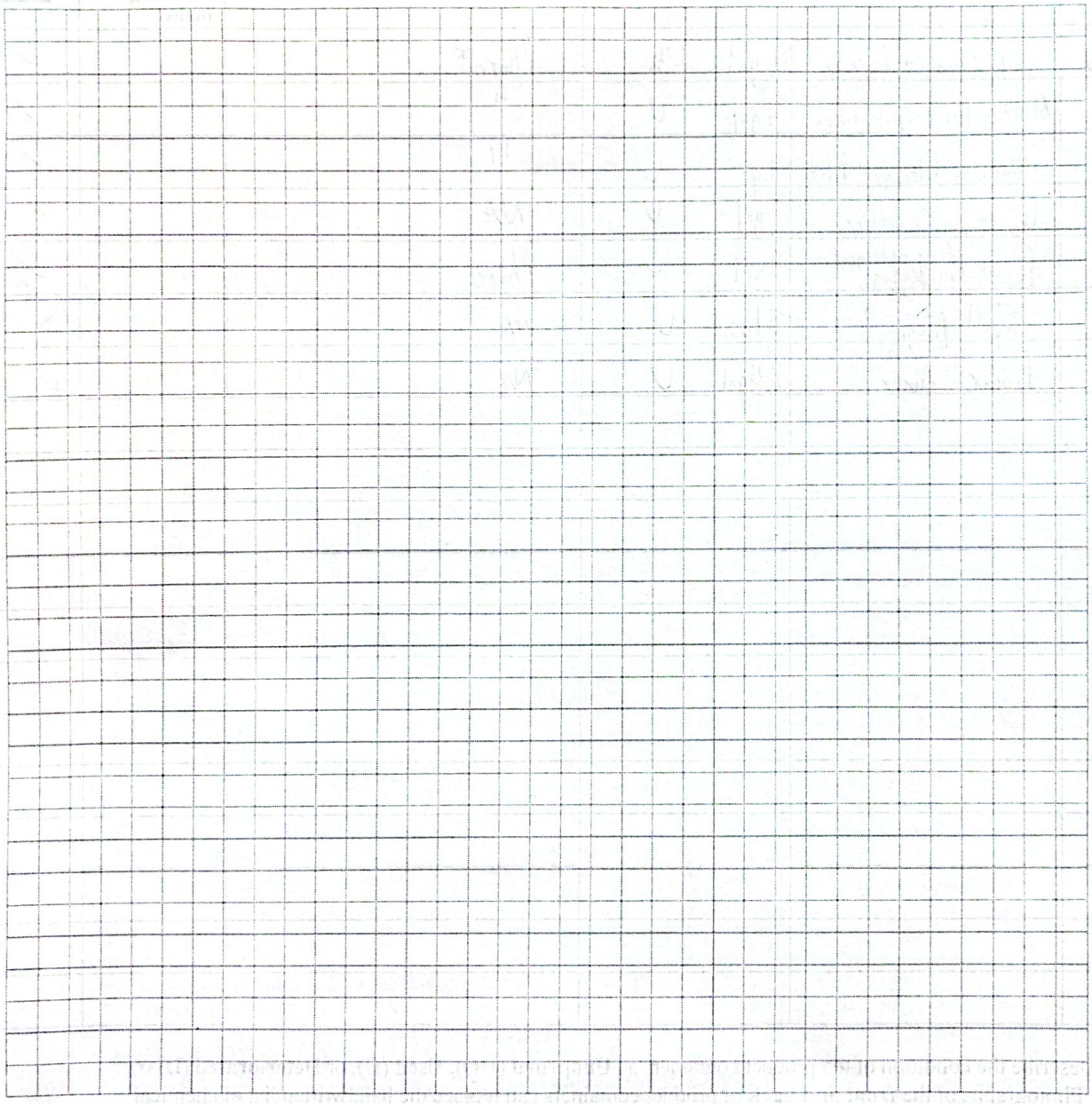


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12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



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13. PRODUCT INVENTORY FORM

ACME

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Back/storage	Daily Cleaner & Degreaser	1 gal	U	Photo*		✓
"	Multisurface & gloss Cleaner	1 gal	U	"		✓
"	Stainless Cleaner & Polish	1 qt	U	"		✓
"	Quaternary Sanitizer	1 gal	U	NA		✓
"	Pot & Pan detergent degreaser	1 gal	U	Photo		✓
"	Spill Magic	3 lbs	U	NA		✓
	Produce Maxx	2.5 gal	U	NA		✓

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

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Dry Cleaner

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
	H/C Wet Go - spotter for Paint, oil & grease	1 gal	U	Photo*		✓
	Streetex - Spray Spotter	"	U	"		✓
	Pyratex	"	U	"		✓
	Ammonia	2 Qt	U	"		✓
	Bleach	1.27L	U	"		✓
	Odex Plus - Smoke & Odor neutralizer	1 gal	U	"		✓
	Mu|Solize	1 gal	U	"		✓
	Rust go		U	"		✓
	multi-purpose solution	355mL	U	"		✓
	Spotter	1 pint	U	"		✓
	Collar + Cuff Scrub	1 gal	U	"		✓
	EM Pre spot	0.5 gal	U	"		✓
	Super Tan - Tannin Spotter	12 oz	U	"		✓
	Stree Tan	12 oz	U	"		✓
	Enzyticator Neutralizer	48 oz	U	"		✓
	Aura Laundry Detergent	0.5 gal	U	"		✓
	DF-2000 Fluid	5 gal	U	"		✓
	↳ Aliphatic Hydrocarbon			"		
	Alpax Soap Inc Detergent	5 gal	U	"		✓

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Scanned with CamScanner

13. PRODUCT INVENTORY FORM

Post Office

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
	AP Cleaner		U	Photo*		✓
	Lysol Deodorizing Cleaner	1 gal	U	"		✓
	Lysol Toilet Cleaner	32 oz	U	"		✓
	" Foaming Disinfectant	24 oz	U	"		✓
	Dawn Dish Soap	5.8 oz	U	"		✓
	General Purpose Lotion Soap	1 gal	U	"		U
	Windex	"	U	"		✓
	* Fabuloso Smell in air					

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

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Pizza

13. PRODUCT INVENTORY FORM

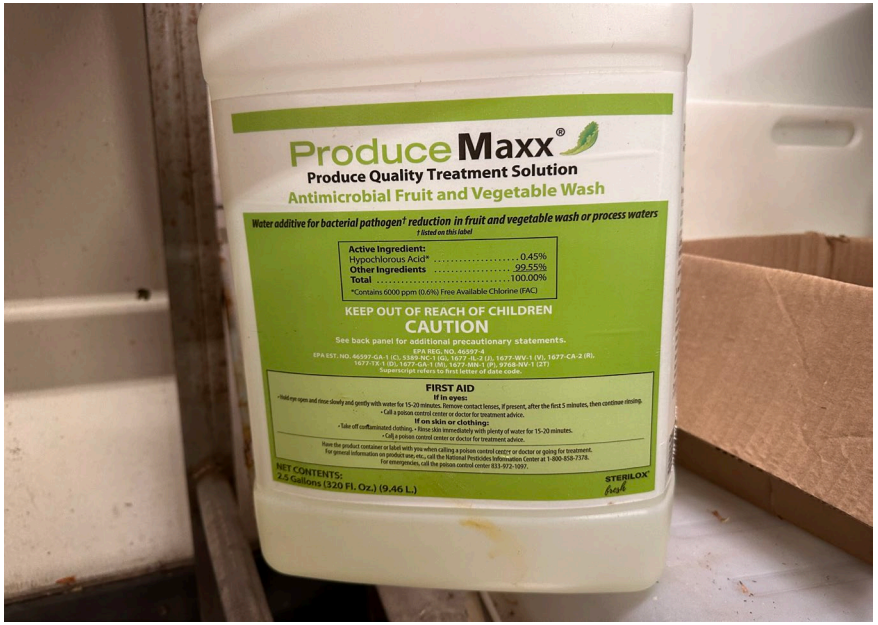
Make & Model of field instrument used: _____

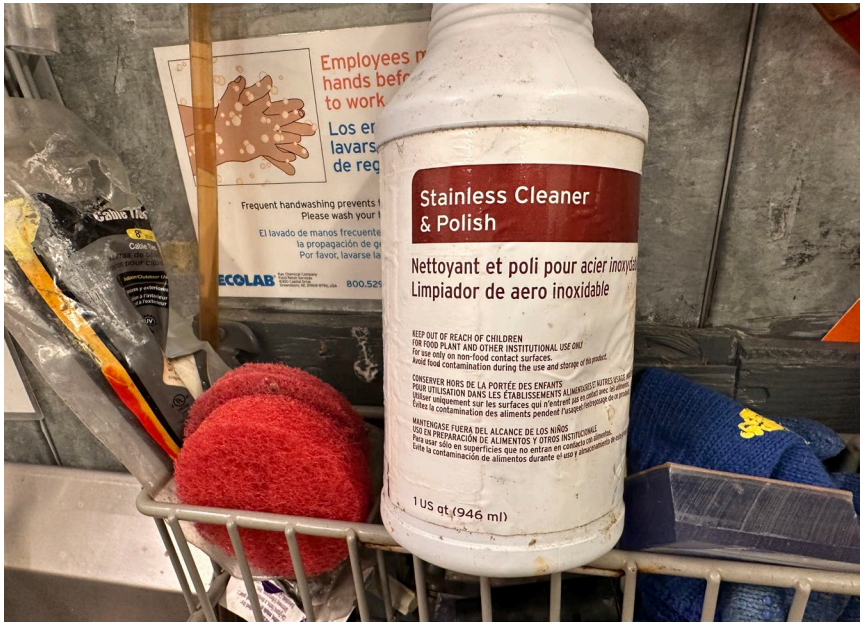
List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
	Signet Floor Cleaner	1gal	U	Photo*		✓
	AP Cleaner & Degreaser	"	U	"		✓
	Signet Glass & Multicleaner	"	U	"		✓
	Signet Hard Surface Sanitizer	"	U	"		✓
	" Bio based Floor Cleaner	"	U	"		✓
	" Lot & Pan Detergent	"	U	"		✓
	" Sink Sanitizer	"	U	"		✓
	Bleach	"	U	"		✓

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

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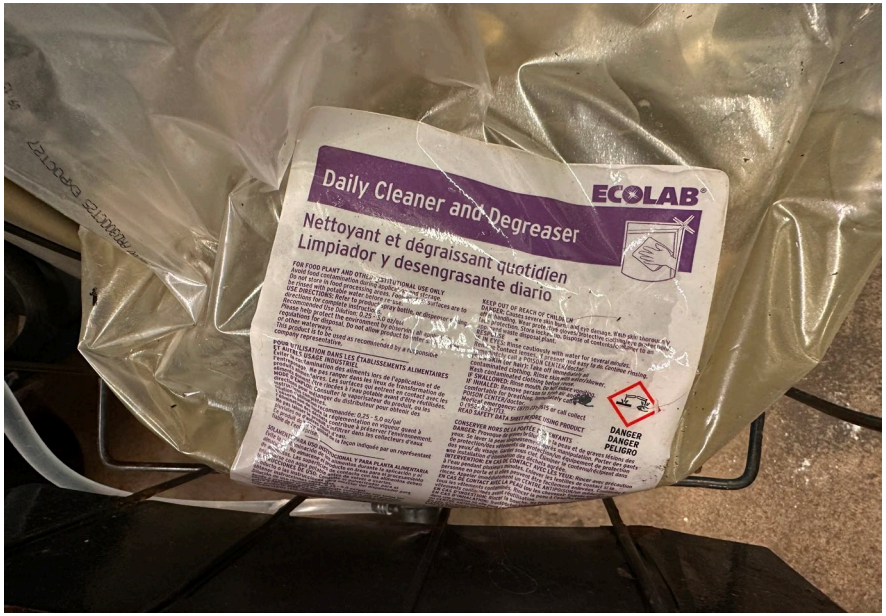




Product Inventory – ACME store
(Representative Photos)

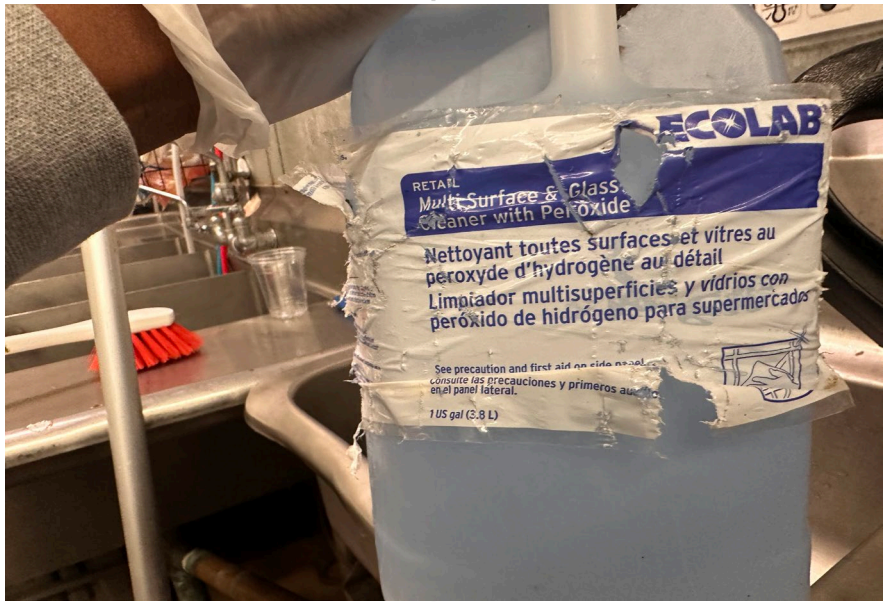








Product Inventory – ACME store
(Representative Photos)







Product Inventory – Dry cleaner
(Representative Photos)

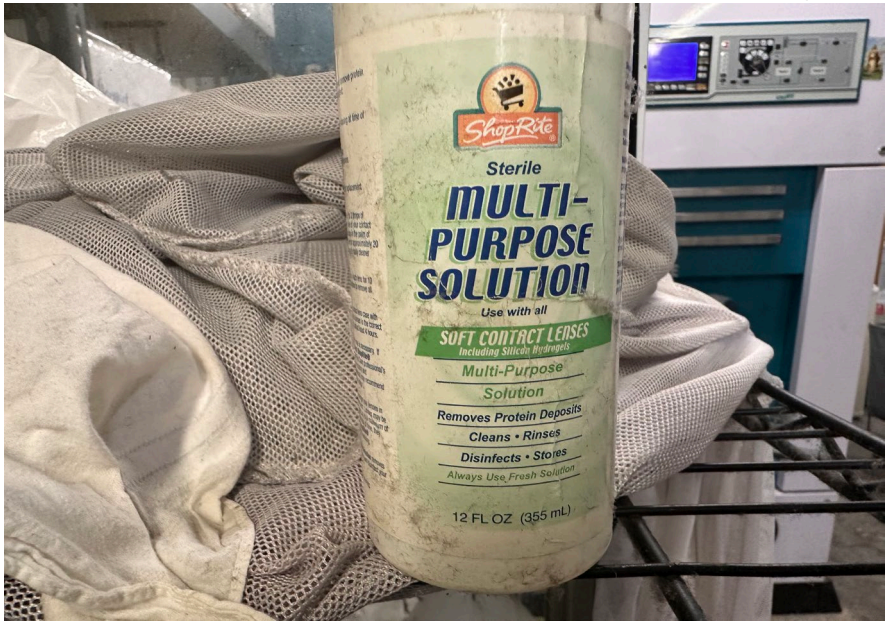








Product Inventory – Dry cleaner
(Representative Photos)



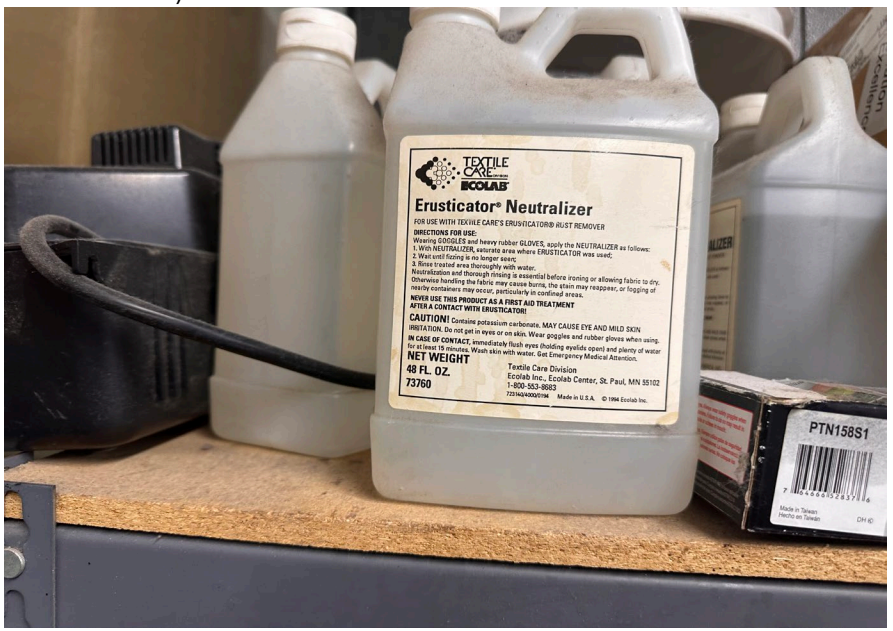




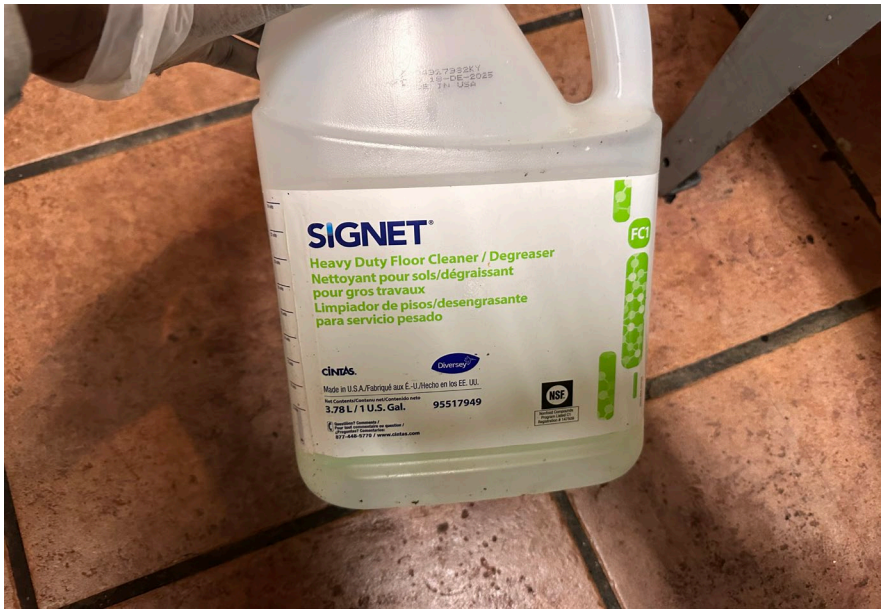


Product Inventory – Dry cleaner
(Representative Photos)

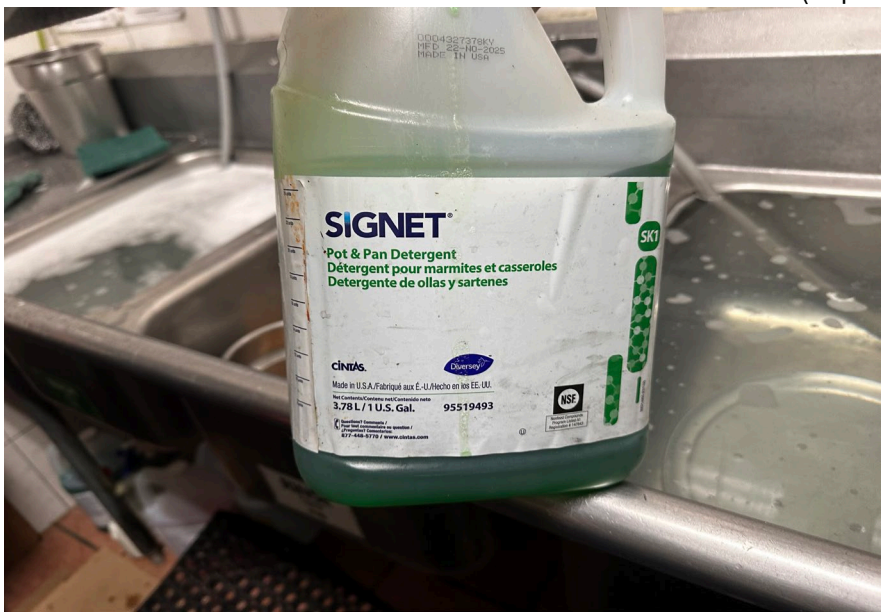


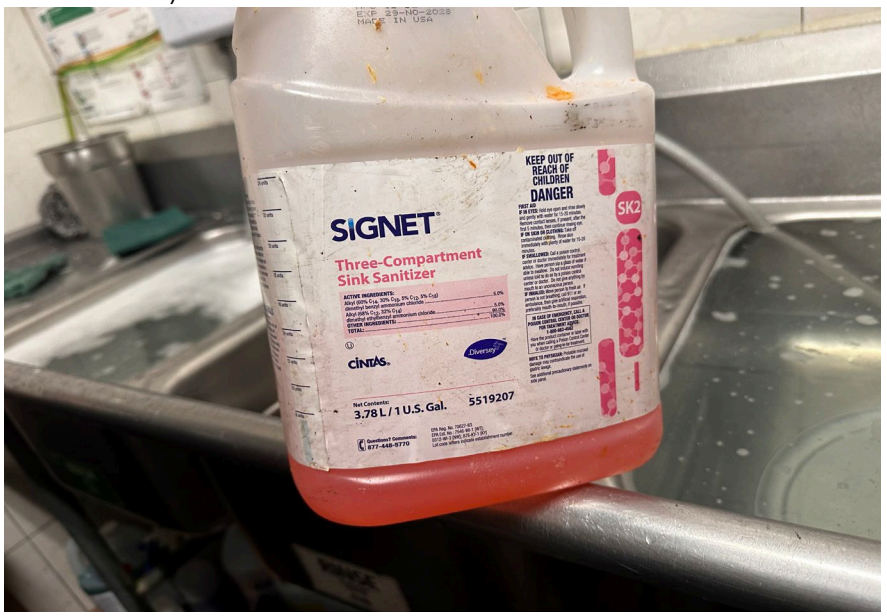






Product Inventory – Pizzeria
(Representative Photos)









Product Inventory – Pizzeria
(Representative Photos)

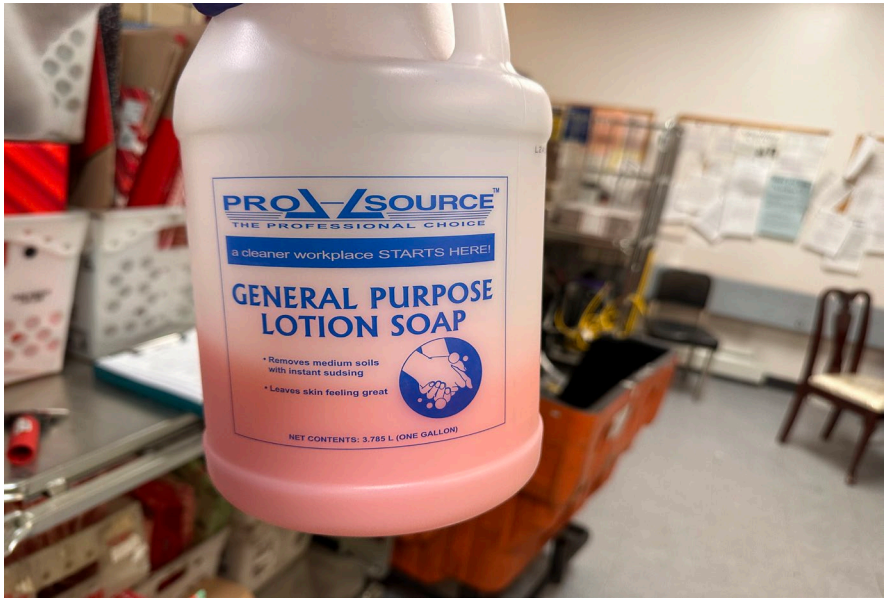






Product Inventory – US post office
(Representative Photos)





APPENDIX C

Photolog



Photograph 1: View of Ambient air cannister outside the ACME grocery store.



Photograph 2: View of Fluke airflow meter used to verify sampling flow rate at VMP-1 located in the ACME grocery store.



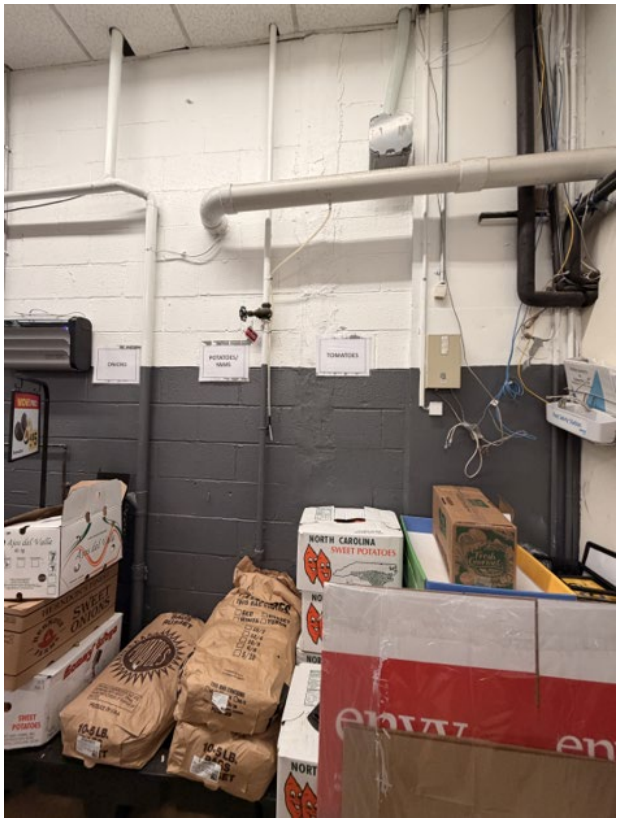
Photograph 3: View of Fluke airflow meter used to verify sampling flow rate at VMP-2 located in the ACME grocery store.



Photograph 4: View of Fluke airflow meter used to verify sampling flow rate at VMP-3 located in the ACME grocery store.



Photograph 5: View of summa canister set up for vapor sample collection at location MP-3 inside the ACME grocery store.



Photograph 6: View of extraction point VMP-3 inside the ACME grocery store.



Photograph 7: View of pressure reading from extraction point EP-1 inside of Mr. Clean dry cleaning.



Photograph 8: View of interior conveyor belt utilized at the dry cleaner



Photograph 9: View of chemicals found inside drycleaner near summa cannisters.



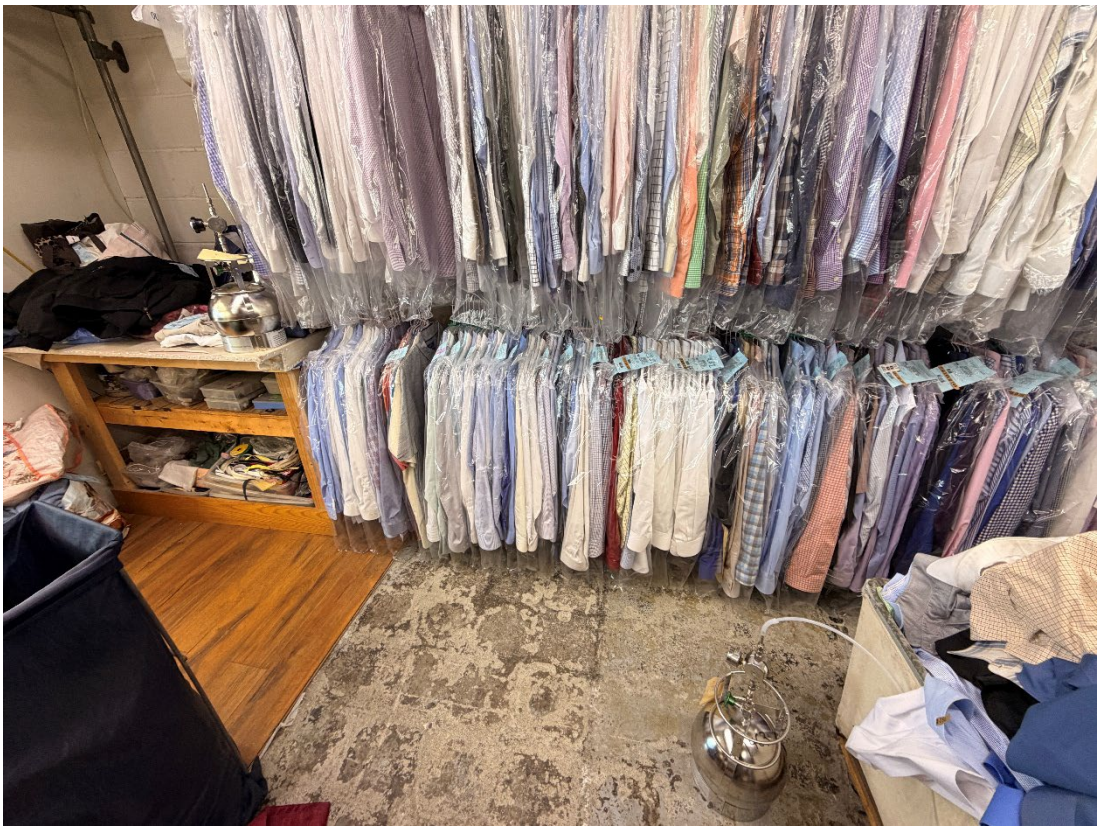
Photograph 10: View of chemicals and chemical station found inside dry cleaner



Photograph 11: View of chemicals and chemical station found at dry cleaner



Photograph 12: View of summa canister set up for vapor and indoor air sample collection dry cleaner



Photograph 13: View of summa canister set up for vapor sample collection at dry cleaner.



Photograph 14: View of interior mechanics inside dry cleaner.



Photograph 15: View of summa canister set up for vapor and indoor air sample collection at sample location MP-8R located in the pizzeria.



Photograph 16: View of grease trap storage located on the exterior of the pizzeria.

APPENDIX D

Laboratory Results

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Rachel Fenwick
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

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JOB DESCRIPTION

Shrub Oak BCP Site (AIR)

JOB NUMBER

460-348658-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Eurofins Edison

Job Notes

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I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



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Authorized for release by
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Client: Roux Environmental Eng & Geology DPC
Job ID: 460-348658-1
Project/Site: Shrub Oak BCP Site (AIR)

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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

Job ID: 460-348658-1 Eurofins Edison

Job Narrative
460-348658-1

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 4/11/2026 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Method TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)
Samples V-3 (460-348658-1), MP-15 (460-348658-3), MP-3 (460-348658-4), MP-1 (460-348658-5), MP-13 (460-348658-6), DUP_040826 (460-348658-7), IA-15 (460-348658-9), IA-1 (460-348658-11), MP-6 (460-348658-12), AMB-1 (460-348658-13), EP-1 (460-348658-14), MP-8R (460-348658-15), IA-3 (460-348658-16), IA-13 (460-348658-17), IA-8R (460-348658-18), IA-6 (460-348658-19) and EP-2 (460-348658-20) were analyzed for Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS). The samples were analyzed on 4/15/2026, 4/16/2026 and 4/17/2026.

Samples MP-15 (460-348658-3)[40x], MP-13 (460-348658-6)[10x] and MP-6 (460-348658-12)[500x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-348658-1
Project/Site: Shrub Oak BCP Site (AIR)

Client Sample ID: V-3
Lab Sample ID: 460-348658-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	3.3		0.98	0.39	ug/m3	1		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	0.93	J	0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.8		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
4-Ethyltoluene	1.4		0.98	0.24	ug/m3	1		TO 15 LL	Total/NA
Acetone	31		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.43	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Chloroform	0.38	J	0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
Cyclohexane	0.28	J	0.69	0.11	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	3.0		2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
Ethylbenzene	0.57	J	0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
1,1,2-Trichlorotrifluoroethane	0.51	J	1.5	0.41	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	6.4	J	12	3.9	ug/m3	1		TO 15 LL	Total/NA
m,p-Xylene	2.0	J	2.2	0.41	ug/m3	1		TO 15 LL	Total/NA
o-Xylene	0.58	J	0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
Toluene	1.1		0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	2.4		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
N-Propylbenzene	0.73	J	0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Butane	14		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA

Client Sample ID: MP-15
Lab Sample ID: 460-348658-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloroethane	3.5		1.1	0.40	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.5		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
Acetone	19		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	3.8		0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Carbon disulfide	7.4		1.6	0.41	ug/m3	1		TO 15 LL	Total/NA
Chlorodifluoromethane	19		1.8	0.42	ug/m3	1		TO 15 LL	Total/NA
Chloroform	180		0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
Chloromethane	0.67	J	1.0	0.31	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	2.8		2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
1,1,2-Trichlorotrifluoroethane	0.52	J	1.5	0.41	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	3.9	J	12	3.9	ug/m3	1		TO 15 LL	Total/NA
Toluene	0.75		0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	1.3		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
cis-1,2-Dichloroethene - DL	7400	D	8.0	3.3	ug/m3	40		TO 15 LL	Total/NA
Tetrachloroethene - DL	550	D	54	5.7	ug/m3	40		TO 15 LL	Total/NA
trans-1,2-Dichloroethene - DL	1300	D	32	3.6	ug/m3	40		TO 15 LL	Total/NA
Trichloroethene - DL	2800	D	8.0	5.4	ug/m3	40		TO 15 LL	Total/NA

Client Sample ID: MP-3
Lab Sample ID: 460-348658-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	3.4		0.98	0.39	ug/m3	1		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	1.1		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.8		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
4-Ethyltoluene	1.2		0.98	0.24	ug/m3	1		TO 15 LL	Total/NA
Acetone	27		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.46	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Chloroform	0.40	J	0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
Chloromethane	0.33	J	1.0	0.31	ug/m3	1		TO 15 LL	Total/NA
Cyclohexane	0.55	J	0.69	0.11	ug/m3	1		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-3 (Continued)
Lab Sample ID: 460-348658-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.9		2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
Ethylbenzene	1.7		0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
1,1,2-Trichlorotrifluoroethane	0.54	J	1.5	0.41	ug/m3	1		TO 15 LL	Total/NA
n-Heptane	0.66	J	0.82	0.23	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	5.8	J	12	3.9	ug/m3	1		TO 15 LL	Total/NA
m,p-Xylene	6.0		2.2	0.41	ug/m3	1		TO 15 LL	Total/NA
o-Xylene	1.4		0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
Styrene	0.43	J	0.85	0.25	ug/m3	1		TO 15 LL	Total/NA
Toluene	2.0		0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	1.9		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
N-Propylbenzene	0.81	J	0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Butane	34		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA
cis-1,2-Dichloroethene - RA	0.33		0.20	0.083	ug/m3	1		TO 15 LL	Total/NA
Tetrachloroethene - RA	1.1	J	1.4	0.14	ug/m3	1		TO 15 LL	Total/NA
Trichloroethene - RA	0.54		0.20	0.13	ug/m3	1		TO 15 LL	Total/NA

Client Sample ID: MP-1
Lab Sample ID: 460-348658-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.6		0.98	0.39	ug/m3	1		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	0.82	J	0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.9		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
4-Ethyltoluene	0.99		0.98	0.24	ug/m3	1		TO 15 LL	Total/NA
Acetone	46		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.47	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Chloroform	0.32	J	0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
Cyclohexane	0.49	J	0.69	0.11	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	3.2		2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
Ethylbenzene	1.5		0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
1,1,2-Trichlorotrifluoroethane	0.56	J	1.5	0.41	ug/m3	1		TO 15 LL	Total/NA
n-Heptane	0.53	J	0.82	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Hexane	0.42	J	1.8	0.39	ug/m3	1		TO 15 LL	Total/NA
2,2,4-Trimethylpentane	0.34	J	0.93	0.18	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	4.5	J	12	3.9	ug/m3	1		TO 15 LL	Total/NA
m,p-Xylene	5.4		2.2	0.41	ug/m3	1		TO 15 LL	Total/NA
o-Xylene	1.0		0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
Toluene	1.4		0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	2.4		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
N-Propylbenzene	0.60	J	0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Butane	30		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA

Client Sample ID: MP-13
Lab Sample ID: 460-348658-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	3.0		0.98	0.39	ug/m3	1		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	1.0		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.8		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
4-Ethyltoluene	1.2		0.98	0.24	ug/m3	1		TO 15 LL	Total/NA
Acetone	33		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.60	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Carbon tetrachloride	0.45		0.20	0.14	ug/m3	1		TO 15 LL	Total/NA
Chloroform	3.7		0.98	0.20	ug/m3	1		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-13 (Continued)

Lab Sample ID: 460-348658-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.9		2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
Ethylbenzene	0.59	J	0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
1,1,2-Trichlorotrifluoroethane	0.58	J	1.5	0.41	ug/m3	1		TO 15 LL	Total/NA
2,2,4-Trimethylpentane	1.5		0.93	0.18	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	11	J	12	3.9	ug/m3	1		TO 15 LL	Total/NA
m,p-Xylene	2.3		2.2	0.41	ug/m3	1		TO 15 LL	Total/NA
o-Xylene	0.87		0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
Tetrachloroethene	320		1.4	0.14	ug/m3	1		TO 15 LL	Total/NA
Toluene	1.4		0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
trans-1,2-Dichloroethene	23		0.79	0.091	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	1.3		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
N-Propylbenzene	0.71	J	0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Butane	11		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA
cis-1,2-Dichloroethene - DL	860	D	2.0	0.83	ug/m3	10		TO 15 LL	Total/NA
Trichloroethene - DL	570	D	2.0	1.3	ug/m3	10		TO 15 LL	Total/NA

Client Sample ID: DUP_040826

Lab Sample ID: 460-348658-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	5.3		0.98	0.39	ug/m3	1		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	1.7		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.5		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
4-Ethyltoluene	2.1		0.98	0.24	ug/m3	1		TO 15 LL	Total/NA
Acetone	77		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.36	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Carbon tetrachloride	0.48		0.20	0.14	ug/m3	1		TO 15 LL	Total/NA
Chlorodifluoromethane	4.1		1.8	0.42	ug/m3	1		TO 15 LL	Total/NA
Chloroform	0.31	J	0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
cis-1,2-Dichloroethene	0.27		0.20	0.083	ug/m3	1		TO 15 LL	Total/NA
Cyclohexane	0.64	J	0.69	0.11	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	3.2		2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
Ethylbenzene	1.8		0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
1,1,2-Trichlorotrifluoroethane	0.58	J	1.5	0.41	ug/m3	1		TO 15 LL	Total/NA
n-Heptane	0.55	J	0.82	0.23	ug/m3	1		TO 15 LL	Total/NA
2,2,4-Trimethylpentane	0.30	J	0.93	0.18	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	4.7	J	12	3.9	ug/m3	1		TO 15 LL	Total/NA
m,p-Xylene	6.9		2.2	0.41	ug/m3	1		TO 15 LL	Total/NA
Methylene Chloride	0.73	J	1.7	0.63	ug/m3	1		TO 15 LL	Total/NA
o-Xylene	1.4		0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
Styrene	0.50	J	0.85	0.25	ug/m3	1		TO 15 LL	Total/NA
Toluene	0.49	J	0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichloroethene	0.55		0.20	0.13	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	2.3		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
N-Propylbenzene	1.2		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
4-Isopropyltoluene	0.55	J	1.1	0.34	ug/m3	1		TO 15 LL	Total/NA
n-Butane	38		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA

Client Sample ID: IA-15

Lab Sample ID: 460-348658-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	16		0.98	0.39	ug/m3	1		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	4.3		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-15 (Continued)

Lab Sample ID: 460-348658-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Ethyl Ketone (2-Butanone)	2.0		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
4-Ethyltoluene	4.7		0.98	0.24	ug/m3	1		TO 15 LL	Total/NA
Acetone	11	J	12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.33	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Carbon disulfide	0.52	J	1.6	0.41	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
2,2,4-Trimethylpentane	15		0.93	0.18	ug/m3	1		TO 15 LL	Total/NA
m,p-Xylene	0.86	J	2.2	0.41	ug/m3	1		TO 15 LL	Total/NA
o-Xylene	0.57	J	0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
Tetrachloroethene	4.8		1.4	0.14	ug/m3	1		TO 15 LL	Total/NA
Toluene	1.2		0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichloroethene	0.66		0.20	0.13	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
N-Propylbenzene	2.6		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Butane	33		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA

Client Sample ID: IA-1

Lab Sample ID: 460-348658-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	6.7		0.98	0.39	ug/m3	1		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	2.1		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.6		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
4-Ethyltoluene	2.2		0.98	0.24	ug/m3	1		TO 15 LL	Total/NA
Acetone	140		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.31	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Carbon tetrachloride	0.49		0.20	0.14	ug/m3	1		TO 15 LL	Total/NA
Chloroform	0.62	J	0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
Ethylbenzene	3.8		0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Heptane	0.65	J	0.82	0.23	ug/m3	1		TO 15 LL	Total/NA
2,2,4-Trimethylpentane	3.4		0.93	0.18	ug/m3	1		TO 15 LL	Total/NA
m,p-Xylene	15		2.2	0.41	ug/m3	1		TO 15 LL	Total/NA
o-Xylene	2.6		0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
Styrene	0.79	J	0.85	0.25	ug/m3	1		TO 15 LL	Total/NA
Toluene	0.55	J	0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	1.8		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
N-Propylbenzene	1.5		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Butane	68		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA

Client Sample ID: MP-6

Lab Sample ID: 460-348658-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	310	J	490	100	ug/m3	500		TO 15 LL	Total/NA
cis-1,2-Dichloroethene	89000		100	42	ug/m3	500		TO 15 LL	Total/NA
trans-1,2-Dichloroethene	3800		400	46	ug/m3	500		TO 15 LL	Total/NA
Trichloroethene	6400		100	67	ug/m3	500		TO 15 LL	Total/NA

Client Sample ID: AMB-1

Lab Sample ID: 460-348658-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	25		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.44	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: AMB-1 (Continued)
Lab Sample ID: 460-348658-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.78		0.20	0.14	ug/m3	1		TO 15 LL	Total/NA
Chloroform	1.4		0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
Chloromethane	0.38	J	1.0	0.31	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	1.9	J	2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
2,2,4-Trimethylpentane	1.3		0.93	0.18	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	15		12	3.9	ug/m3	1		TO 15 LL	Total/NA
m,p-Xylene	0.72	J	2.2	0.41	ug/m3	1		TO 15 LL	Total/NA
Naphthalene	2.8		2.0	1.6	ug/m3	1		TO 15 LL	Total/NA
Tetrachloroethene	2.3		1.4	0.14	ug/m3	1		TO 15 LL	Total/NA
Toluene	0.96		0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
n-Butane	1.1	J	1.2	0.48	ug/m3	1		TO 15 LL	Total/NA

Client Sample ID: EP-1
Lab Sample ID: 460-348658-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.92	J	0.98	0.39	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.8		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
4-Ethyltoluene	0.27	J	0.98	0.24	ug/m3	1		TO 15 LL	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.3		2.1	0.53	ug/m3	1		TO 15 LL	Total/NA
Acetone	37		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.31	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Carbon tetrachloride	0.58		0.20	0.14	ug/m3	1		TO 15 LL	Total/NA
Chloroform	2.8		0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
Chloromethane	0.56	J	1.0	0.31	ug/m3	1		TO 15 LL	Total/NA
cis-1,2-Dichloroethene	0.24		0.20	0.083	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	2.4	J	2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
1,1,2-Trichlorotrifluoroethane	0.59	J	1.5	0.41	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	44		12	3.9	ug/m3	1		TO 15 LL	Total/NA
m,p-Xylene	1.1	J	2.2	0.41	ug/m3	1		TO 15 LL	Total/NA
o-Xylene	0.40	J	0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
Toluene	0.38	J	0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichloroethene	0.69		0.20	0.13	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	1.2		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
n-Butane	4.4		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA

Client Sample ID: MP-8R
Lab Sample ID: 460-348658-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Ethyl Ketone (2-Butanone)	12		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
Acetone	61		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.52	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Bromodichloromethane	0.42	J	1.3	0.34	ug/m3	1		TO 15 LL	Total/NA
Carbon disulfide	5.8		1.6	0.41	ug/m3	1		TO 15 LL	Total/NA
Carbon tetrachloride	0.48		0.20	0.14	ug/m3	1		TO 15 LL	Total/NA
Chlorobenzene	0.70	J	0.92	0.20	ug/m3	1		TO 15 LL	Total/NA
Chloroform	15		0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
cis-1,2-Dichloroethene	1.8		0.20	0.083	ug/m3	1		TO 15 LL	Total/NA
Cyclohexane	0.55	J	0.69	0.11	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	2.7		2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
1,1,2-Trichlorotrifluoroethane	0.56	J	1.5	0.41	ug/m3	1		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-8R (Continued) — Lab Sample ID: 460-348658-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Hexane	0.98	J	1.8	0.39	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	7.5	J	12	3.9	ug/m3	1		TO 15 LL	Total/NA
Tetrachloroethene	2.3		1.4	0.14	ug/m3	1		TO 15 LL	Total/NA
Toluene	0.55	J	0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichloroethene	5.9		0.20	0.13	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	1.2		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
n-Butane	5.0		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA

Client Sample ID: IA-3 — Lab Sample ID: 460-348658-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	4.5		0.98	0.39	ug/m3	1		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	1.1		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
1,4-Dioxane	0.34	J	18	0.17	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.3		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
4-Ethyltoluene	1.3		0.98	0.24	ug/m3	1		TO 15 LL	Total/NA
Acetone	110		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.40	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Carbon disulfide	0.89	J	1.6	0.41	ug/m3	1		TO 15 LL	Total/NA
Carbon tetrachloride	0.44		0.20	0.14	ug/m3	1		TO 15 LL	Total/NA
Chlorodifluoromethane	5.2		1.8	0.42	ug/m3	1		TO 15 LL	Total/NA
Chloroform	0.24	J	0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
Cyclohexane	0.41	J	0.69	0.11	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
Ethylbenzene	1.9		0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Heptane	0.58	J	0.82	0.23	ug/m3	1		TO 15 LL	Total/NA
2,2,4-Trimethylpentane	0.52	J	0.93	0.18	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	24		12	3.9	ug/m3	1		TO 15 LL	Total/NA
m,p-Xylene	6.8		2.2	0.41	ug/m3	1		TO 15 LL	Total/NA
o-Xylene	1.4		0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
Styrene	0.47	J	0.85	0.25	ug/m3	1		TO 15 LL	Total/NA
Toluene	1.6		0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	2.0		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
N-Propylbenzene	0.97	J	0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Butane	48		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA

Client Sample ID: IA-13 — Lab Sample ID: 460-348658-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	3.8		0.98	0.39	ug/m3	1		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	1.2		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.5		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
4-Ethyltoluene	1.3		0.98	0.24	ug/m3	1		TO 15 LL	Total/NA
Acetone	37		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.43	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Chloroform	0.46	J	0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
n-Heptane	0.47	J	0.82	0.23	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	8.9	J	12	3.9	ug/m3	1		TO 15 LL	Total/NA
m,p-Xylene	0.71	J	2.2	0.41	ug/m3	1		TO 15 LL	Total/NA
o-Xylene	0.42	J	0.87	0.23	ug/m3	1		TO 15 LL	Total/NA
Toluene	1.1		0.75	0.16	ug/m3	1		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: IA-13 (Continued) — Lab Sample ID: 460-348658-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichlorofluoromethane	1.2		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
N-Propylbenzene	0.85	J	0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Butane	55		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA

Client Sample ID: IA-8R — Lab Sample ID: 460-348658-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	5.7		0.98	0.39	ug/m3	1		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	1.5		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.8		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
4-Ethyltoluene	1.6		0.98	0.24	ug/m3	1		TO 15 LL	Total/NA
Acetone	26		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.43	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Chloroform	4.0		0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	1.8	J	2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
n-Heptane	1.4		0.82	0.23	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	4.6	J	12	3.9	ug/m3	1		TO 15 LL	Total/NA
Tetrachloroethene	5.7		1.4	0.14	ug/m3	1		TO 15 LL	Total/NA
Toluene	0.65	J	0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	1.2		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
N-Propylbenzene	1.1		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Butane	21		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA

Client Sample ID: IA-6 — Lab Sample ID: 460-348658-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	12		0.98	0.39	ug/m3	1		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	3.3		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.7		1.5	1.5	ug/m3	1		TO 15 LL	Total/NA
4-Ethyltoluene	3.4		0.98	0.24	ug/m3	1		TO 15 LL	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.56	J	2.1	0.53	ug/m3	1		TO 15 LL	Total/NA
Acetone	16		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.34	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3	1		TO 15 LL	Total/NA
Toluene	1.3		0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
N-Propylbenzene	2.0		0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Butane	22		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA

Client Sample ID: EP-2 — Lab Sample ID: 460-348658-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.3		0.98	0.39	ug/m3	1		TO 15 LL	Total/NA
1,3,5-Trimethylbenzene	0.76	J	0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
4-Ethyltoluene	0.93	J	0.98	0.24	ug/m3	1		TO 15 LL	Total/NA
Acetone	37		12	3.8	ug/m3	1		TO 15 LL	Total/NA
Benzene	0.40	J	0.64	0.14	ug/m3	1		TO 15 LL	Total/NA
Carbon disulfide	1.2	J	1.6	0.41	ug/m3	1		TO 15 LL	Total/NA
Carbon tetrachloride	0.43		0.20	0.14	ug/m3	1		TO 15 LL	Total/NA
Chloroform	0.60	J	0.98	0.20	ug/m3	1		TO 15 LL	Total/NA
cis-1,2-Dichloroethene	0.76		0.20	0.083	ug/m3	1		TO 15 LL	Total/NA
Dichlorodifluoromethane	2.7		2.5	0.54	ug/m3	1		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EP-2 (Continued)

Lab Sample ID: 460-348658-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichlorotrifluoroethane	0.60	J	1.5	0.41	ug/m3	1		TO 15 LL	Total/NA
Isopropyl alcohol	8.4	J	12	3.9	ug/m3	1		TO 15 LL	Total/NA
m,p-Xylene	0.65	J	2.2	0.41	ug/m3	1		TO 15 LL	Total/NA
Toluene	2.4		0.75	0.16	ug/m3	1		TO 15 LL	Total/NA
Trichlorofluoromethane	1.4		1.1	0.28	ug/m3	1		TO 15 LL	Total/NA
N-Propylbenzene	0.54	J	0.98	0.23	ug/m3	1		TO 15 LL	Total/NA
n-Butane	17		1.2	0.48	ug/m3	1		TO 15 LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: V-3
Date Collected: 04/08/26 13:53
Date Received: 04/11/26 10:10
Sample Time: 127 Min

Lab Sample ID: 460-348658-1
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/16/26 08:10	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/16/26 08:10	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/16/26 08:10	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/16/26 08:10	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/16/26 08:10	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/16/26 08:10	1
1,2,4-Trimethylbenzene	**3.3**		0.98	0.39	ug/m3			04/16/26 08:10	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/16/26 08:10	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/16/26 08:10	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/16/26 08:10	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/16/26 08:10	1
1,3,5-Trimethylbenzene	**0.93**	**J**	0.98	0.23	ug/m3			04/16/26 08:10	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/16/26 08:10	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/16/26 08:10	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/16/26 08:10	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/16/26 08:10	1
Methyl Ethyl Ketone (2-Butanone)	**2.8**		1.5	1.5	ug/m3			04/16/26 08:10	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/16/26 08:10	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/16/26 08:10	1
4-Ethyltoluene	**1.4**		0.98	0.24	ug/m3			04/16/26 08:10	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/16/26 08:10	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/16/26 08:10	1
Acetone	**31**		12	3.8	ug/m3			04/16/26 08:10	1
Benzene	**0.43**	**J**	0.64	0.14	ug/m3			04/16/26 08:10	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/16/26 08:10	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/16/26 08:10	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/16/26 08:10	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/16/26 08:10	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			04/16/26 08:10	1
Carbon tetrachloride	0.20	U	0.20	0.14	ug/m3			04/16/26 08:10	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/16/26 08:10	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/16/26 08:10	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/16/26 08:10	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/16/26 08:10	1
Chloroform	**0.38**	**J**	0.98	0.20	ug/m3			04/16/26 08:10	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			04/16/26 08:10	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			04/16/26 08:10	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/16/26 08:10	1
Cyclohexane	**0.28**	**J**	0.69	0.11	ug/m3			04/16/26 08:10	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/16/26 08:10	1
Dichlorodifluoromethane	**3.0**		2.5	0.54	ug/m3			04/16/26 08:10	1
Ethylbenzene	**0.57**	**J**	0.87	0.23	ug/m3			04/16/26 08:10	1
1,1,2-Trichlorotrifluoroethane	**0.51**	**J**	1.5	0.41	ug/m3			04/16/26 08:10	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/16/26 08:10	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			04/16/26 08:10	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/16/26 08:10	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/16/26 08:10	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			04/16/26 08:10	1

Client Sample ID: V-3 — **Lab Sample ID: 460-348658-1**
Date Collected: 04/08/26 13:53 — **Matrix: Air**
Date Received: 04/11/26 10:10
Sample Time: 127 Min — **Sample Container: Summa Canister 6L**

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cumene	0.98	U	0.98	0.20	ug/m3			04/16/26 08:10	1
Isopropyl alcohol	**6.4**	**J**	12	3.9	ug/m3			04/16/26 08:10	1
m,p-Xylene	**2.0**	**J**	2.2	0.41	ug/m3			04/16/26 08:10	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/16/26 08:10	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/16/26 08:10	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/16/26 08:10	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/16/26 08:10	1
o-Xylene	**0.58**	**J**	0.87	0.23	ug/m3			04/16/26 08:10	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/16/26 08:10	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/16/26 08:10	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			04/16/26 08:10	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/16/26 08:10	1
Toluene	**1.1**		0.75	0.16	ug/m3			04/16/26 08:10	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/16/26 08:10	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/16/26 08:10	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/16/26 08:10	1
Trichlorofluoromethane	**2.4**		1.1	0.28	ug/m3			04/16/26 08:10	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/16/26 08:10	1
N-Propylbenzene	**0.73**	**J**	0.98	0.23	ug/m3			04/16/26 08:10	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/16/26 08:10	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/16/26 08:10	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/16/26 08:10	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/16/26 08:10	1
n-Butane	**14**		1.2	0.48	ug/m3			04/16/26 08:10	1

Client Sample ID: MP-15 — **Lab Sample ID: 460-348658-3**
Date Collected: 04/08/26 16:11 — **Matrix: Air**
Date Received: 04/11/26 10:10
Sample Time: 421 Min — **Sample Container: Summa Canister 6L**

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/16/26 08:38	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/16/26 08:38	1
1,1,2-Trichloroethane	**3.5**		1.1	0.40	ug/m3			04/16/26 08:38	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/16/26 08:38	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/16/26 08:38	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/16/26 08:38	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			04/16/26 08:38	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/16/26 08:38	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/16/26 08:38	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/16/26 08:38	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/16/26 08:38	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			04/16/26 08:38	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/16/26 08:38	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/16/26 08:38	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/16/26 08:38	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/16/26 08:38	1
Methyl Ethyl Ketone (2-Butanone)	**3.5**		1.5	1.5	ug/m3			04/16/26 08:38	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: MP-15
Date Collected: 04/08/26 16:11
Date Received: 04/11/26 10:10
Sample Time: 421 Min

Lab Sample ID: 460-348658-3
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/16/26 08:38	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/16/26 08:38	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			04/16/26 08:38	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/16/26 08:38	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/16/26 08:38	1
Acetone	**19**		12	3.8	ug/m3			04/16/26 08:38	1
Benzene	**3.8**		0.64	0.14	ug/m3			04/16/26 08:38	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/16/26 08:38	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/16/26 08:38	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/16/26 08:38	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/16/26 08:38	1
Carbon disulfide	**7.4**		1.6	0.41	ug/m3			04/16/26 08:38	1
Carbon tetrachloride	0.20	U	0.20	0.14	ug/m3			04/16/26 08:38	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/16/26 08:38	1
Chlorodifluoromethane	**19**		1.8	0.42	ug/m3			04/16/26 08:38	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/16/26 08:38	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/16/26 08:38	1
Chloroform	**180**		0.98	0.20	ug/m3			04/16/26 08:38	1
Chloromethane	**0.67**	**J**	1.0	0.31	ug/m3			04/16/26 08:38	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/16/26 08:38	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			04/16/26 08:38	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/16/26 08:38	1
Dichlorodifluoromethane	**2.8**		2.5	0.54	ug/m3			04/16/26 08:38	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			04/16/26 08:38	1
1,1,2-Trichlorotrifluoroethane	**0.52**	**J**	1.5	0.41	ug/m3			04/16/26 08:38	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/16/26 08:38	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			04/16/26 08:38	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/16/26 08:38	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/16/26 08:38	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			04/16/26 08:38	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/16/26 08:38	1
Isopropyl alcohol	**3.9**	**J**	12	3.9	ug/m3			04/16/26 08:38	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			04/16/26 08:38	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/16/26 08:38	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/16/26 08:38	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/16/26 08:38	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/16/26 08:38	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			04/16/26 08:38	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/16/26 08:38	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/16/26 08:38	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/16/26 08:38	1
Toluene	**0.75**		0.75	0.16	ug/m3			04/16/26 08:38	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/16/26 08:38	1
Trichlorofluoromethane	**1.3**		1.1	0.28	ug/m3			04/16/26 08:38	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/16/26 08:38	1
N-Propylbenzene	0.98	U	0.98	0.23	ug/m3			04/16/26 08:38	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/16/26 08:38	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/16/26 08:38	1

Client Sample ID: MP-15
Lab Sample ID: 460-348658-3
Date Collected: 04/08/26 16:11
Matrix: Air
Date Received: 04/11/26 10:10
Sample Time: 421 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/16/26 08:38	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/16/26 08:38	1
n-Butane	1.2	U	1.2	0.48	ug/m3			04/16/26 08:38	1

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**7400**	**D**	8.0	3.3	ug/m3			04/16/26 22:38	40
Tetrachloroethene	**550**	**D**	54	5.7	ug/m3			04/16/26 22:38	40
trans-1,2-Dichloroethene	**1300**	**D**	32	3.6	ug/m3			04/16/26 22:38	40
Trichloroethene	**2800**	**D**	8.0	5.4	ug/m3			04/16/26 22:38	40

Client Sample ID: MP-3
Lab Sample ID: 460-348658-4
Date Collected: 04/08/26 15:53
Matrix: Air
Date Received: 04/11/26 10:10
Sample Time: 443 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/16/26 09:06	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/16/26 09:06	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/16/26 09:06	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/16/26 09:06	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/16/26 09:06	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/16/26 09:06	1
1,2,4-Trimethylbenzene	**3.4**		0.98	0.39	ug/m3			04/16/26 09:06	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/16/26 09:06	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/16/26 09:06	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/16/26 09:06	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/16/26 09:06	1
1,3,5-Trimethylbenzene	**1.1**		0.98	0.23	ug/m3			04/16/26 09:06	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/16/26 09:06	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/16/26 09:06	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/16/26 09:06	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/16/26 09:06	1
Methyl Ethyl Ketone (2-Butanone)	**2.8**		1.5	1.5	ug/m3			04/16/26 09:06	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/16/26 09:06	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/16/26 09:06	1
4-Ethyltoluene	**1.2**		0.98	0.24	ug/m3			04/16/26 09:06	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/16/26 09:06	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/16/26 09:06	1
Acetone	**27**		12	3.8	ug/m3			04/16/26 09:06	1
Benzene	**0.46**	**J**	0.64	0.14	ug/m3			04/16/26 09:06	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/16/26 09:06	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/16/26 09:06	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/16/26 09:06	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/16/26 09:06	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			04/16/26 09:06	1
Carbon tetrachloride	0.20	U	0.20	0.14	ug/m3			04/16/26 09:06	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: MP-3
Date Collected: 04/08/26 15:53
Date Received: 04/11/26 10:10
Sample Time: 443 Min

Lab Sample ID: 460-348658-4
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/16/26 09:06	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/16/26 09:06	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/16/26 09:06	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/16/26 09:06	1
Chloroform	**0.40**	**J**	0.98	0.20	ug/m3			04/16/26 09:06	1
Chloromethane	**0.33**	**J**	1.0	0.31	ug/m3			04/16/26 09:06	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/16/26 09:06	1
Cyclohexane	**0.55**	**J**	0.69	0.11	ug/m3			04/16/26 09:06	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/16/26 09:06	1
Dichlorodifluoromethane	**2.9**		2.5	0.54	ug/m3			04/16/26 09:06	1
Ethylbenzene	**1.7**		0.87	0.23	ug/m3			04/16/26 09:06	1
1,1,2-Trichlorotrifluoroethane	**0.54**	**J**	1.5	0.41	ug/m3			04/16/26 09:06	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/16/26 09:06	1
n-Heptane	**0.66**	**J**	0.82	0.23	ug/m3			04/16/26 09:06	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/16/26 09:06	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/16/26 09:06	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			04/16/26 09:06	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/16/26 09:06	1
Isopropyl alcohol	**5.8**	**J**	12	3.9	ug/m3			04/16/26 09:06	1
m,p-Xylene	**6.0**		2.2	0.41	ug/m3			04/16/26 09:06	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/16/26 09:06	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/16/26 09:06	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/16/26 09:06	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/16/26 09:06	1
o-Xylene	**1.4**		0.87	0.23	ug/m3			04/16/26 09:06	1
Styrene	**0.43**	**J**	0.85	0.25	ug/m3			04/16/26 09:06	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/16/26 09:06	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/16/26 09:06	1
Toluene	**2.0**		0.75	0.16	ug/m3			04/16/26 09:06	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/16/26 09:06	1
Trichlorofluoromethane	**1.9**		1.1	0.28	ug/m3			04/16/26 09:06	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/16/26 09:06	1
N-Propylbenzene	**0.81**	**J**	0.98	0.23	ug/m3			04/16/26 09:06	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/16/26 09:06	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/16/26 09:06	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/16/26 09:06	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/16/26 09:06	1
n-Butane	**34**		1.2	0.48	ug/m3			04/16/26 09:06	1

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.33**		0.20	0.083	ug/m3			04/16/26 19:45	1
Tetrachloroethene	**1.1**	**J**	1.4	0.14	ug/m3			04/16/26 19:45	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/16/26 19:45	1
Trichloroethene	**0.54**		0.20	0.13	ug/m3			04/16/26 19:45	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: MP-1
Date Collected: 04/08/26 16:45
Date Received: 04/11/26 10:10
Sample Time: 483 Min

Lab Sample ID: 460-348658-5
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/16/26 12:00	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/16/26 12:00	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/16/26 12:00	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/16/26 12:00	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/16/26 12:00	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/16/26 12:00	1
1,2,4-Trimethylbenzene	**2.6**		0.98	0.39	ug/m3			04/16/26 12:00	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/16/26 12:00	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/16/26 12:00	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/16/26 12:00	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/16/26 12:00	1
1,3,5-Trimethylbenzene	**0.82**	**J**	0.98	0.23	ug/m3			04/16/26 12:00	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/16/26 12:00	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/16/26 12:00	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/16/26 12:00	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/16/26 12:00	1
Methyl Ethyl Ketone (2-Butanone)	**1.9**		1.5	1.5	ug/m3			04/16/26 12:00	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/16/26 12:00	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/16/26 12:00	1
4-Ethyltoluene	**0.99**		0.98	0.24	ug/m3			04/16/26 12:00	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/16/26 12:00	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/16/26 12:00	1
Acetone	**46**		12	3.8	ug/m3			04/16/26 12:00	1
Benzene	**0.47**	**J**	0.64	0.14	ug/m3			04/16/26 12:00	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/16/26 12:00	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/16/26 12:00	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/16/26 12:00	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/16/26 12:00	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			04/16/26 12:00	1
Carbon tetrachloride	0.20	U	0.20	0.14	ug/m3			04/16/26 12:00	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/16/26 12:00	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/16/26 12:00	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/16/26 12:00	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/16/26 12:00	1
Chloroform	**0.32**	**J**	0.98	0.20	ug/m3			04/16/26 12:00	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			04/16/26 12:00	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/16/26 12:00	1
Cyclohexane	**0.49**	**J**	0.69	0.11	ug/m3			04/16/26 12:00	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/16/26 12:00	1
Dichlorodifluoromethane	**3.2**		2.5	0.54	ug/m3			04/16/26 12:00	1
Ethylbenzene	**1.5**		0.87	0.23	ug/m3			04/16/26 12:00	1
1,1,2-Trichlorotrifluoroethane	**0.56**	**J**	1.5	0.41	ug/m3			04/16/26 12:00	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/16/26 12:00	1
n-Heptane	**0.53**	**J**	0.82	0.23	ug/m3			04/16/26 12:00	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/16/26 12:00	1
n-Hexane	**0.42**	**J**	1.8	0.39	ug/m3			04/16/26 12:00	1
2,2,4-Trimethylpentane	**0.34**	**J**	0.93	0.18	ug/m3			04/16/26 12:00	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/16/26 12:00	1

Client Sample ID: MP-1 — **Lab Sample ID: 460-348658-5**
Date Collected: 04/08/26 16:45 — **Matrix: Air**
Date Received: 04/11/26 10:10
Sample Time: 483 Min — **Sample Container: Summa Canister 6L**

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	**4.5**	**J**	12	3.9	ug/m3			04/16/26 12:00	1
m,p-Xylene	**5.4**		2.2	0.41	ug/m3			04/16/26 12:00	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/16/26 12:00	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/16/26 12:00	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/16/26 12:00	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/16/26 12:00	1
o-Xylene	**1.0**		0.87	0.23	ug/m3			04/16/26 12:00	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/16/26 12:00	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/16/26 12:00	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			04/16/26 12:00	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/16/26 12:00	1
Toluene	**1.4**		0.75	0.16	ug/m3			04/16/26 12:00	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/16/26 12:00	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/16/26 12:00	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/16/26 12:00	1
Trichlorofluoromethane	**2.4**		1.1	0.28	ug/m3			04/16/26 12:00	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/16/26 12:00	1
N-Propylbenzene	**0.60**	**J**	0.98	0.23	ug/m3			04/16/26 12:00	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/16/26 12:00	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/16/26 12:00	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/16/26 12:00	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/16/26 12:00	1
n-Butane	**30**		1.2	0.48	ug/m3			04/16/26 12:00	1

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			04/16/26 19:14	1

Client Sample ID: MP-13 — **Lab Sample ID: 460-348658-6**
Date Collected: 04/08/26 16:58 — **Matrix: Air**
Date Received: 04/11/26 10:10
Sample Time: 350 Min — **Sample Container: Summa Canister 6L**

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/16/26 20:18	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/16/26 20:18	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/16/26 20:18	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/16/26 20:18	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/16/26 20:18	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/16/26 20:18	1
1,2,4-Trimethylbenzene	**3.0**		0.98	0.39	ug/m3			04/16/26 20:18	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/16/26 20:18	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/16/26 20:18	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/16/26 20:18	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/16/26 20:18	1
1,3,5-Trimethylbenzene	**1.0**		0.98	0.23	ug/m3			04/16/26 20:18	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/16/26 20:18	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/16/26 20:18	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: MP-13
Date Collected: 04/08/26 16:58
Date Received: 04/11/26 10:10
Sample Time: 350 Min

Lab Sample ID: 460-348658-6
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/16/26 20:18	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/16/26 20:18	1
Methyl Ethyl Ketone (2-Butanone)	**3.8**		1.5	1.5	ug/m3			04/16/26 20:18	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/16/26 20:18	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/16/26 20:18	1
4-Ethyltoluene	**1.2**		0.98	0.24	ug/m3			04/16/26 20:18	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/16/26 20:18	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/16/26 20:18	1
Acetone	**33**		12	3.8	ug/m3			04/16/26 20:18	1
Benzene	**0.60**	**J**	0.64	0.14	ug/m3			04/16/26 20:18	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/16/26 20:18	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/16/26 20:18	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/16/26 20:18	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/16/26 20:18	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			04/16/26 20:18	1
Carbon tetrachloride	**0.45**		0.20	0.14	ug/m3			04/16/26 20:18	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/16/26 20:18	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/16/26 20:18	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/16/26 20:18	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/16/26 20:18	1
Chloroform	**3.7**		0.98	0.20	ug/m3			04/16/26 20:18	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			04/16/26 20:18	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/16/26 20:18	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			04/16/26 20:18	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/16/26 20:18	1
Dichlorodifluoromethane	**2.9**		2.5	0.54	ug/m3			04/16/26 20:18	1
Ethylbenzene	**0.59**	**J**	0.87	0.23	ug/m3			04/16/26 20:18	1
1,1,2-Trichlorotrifluoroethane	**0.58**	**J**	1.5	0.41	ug/m3			04/16/26 20:18	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/16/26 20:18	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			04/16/26 20:18	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/16/26 20:18	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/16/26 20:18	1
2,2,4-Trimethylpentane	**1.5**		0.93	0.18	ug/m3			04/16/26 20:18	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/16/26 20:18	1
Isopropyl alcohol	**11**	**J**	12	3.9	ug/m3			04/16/26 20:18	1
m,p-Xylene	**2.3**		2.2	0.41	ug/m3			04/16/26 20:18	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/16/26 20:18	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/16/26 20:18	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/16/26 20:18	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/16/26 20:18	1
o-Xylene	**0.87**		0.87	0.23	ug/m3			04/16/26 20:18	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/16/26 20:18	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/16/26 20:18	1
Tetrachloroethene	**320**		1.4	0.14	ug/m3			04/16/26 20:18	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/16/26 20:18	1
Toluene	**1.4**		0.75	0.16	ug/m3			04/16/26 20:18	1
trans-1,2-Dichloroethene	**23**		0.79	0.091	ug/m3			04/16/26 20:18	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/16/26 20:18	1

Client Sample ID: MP-13 — **Lab Sample ID: 460-348658-6**
Date Collected: 04/08/26 16:58 — **Matrix: Air**
Date Received: 04/11/26 10:10
Sample Time: 350 Min — **Sample Container: Summa Canister 6L**

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	1.3		1.1	0.28	ug/m3			04/16/26 20:18	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/16/26 20:18	1
N-Propylbenzene	0.71	J	0.98	0.23	ug/m3			04/16/26 20:18	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/16/26 20:18	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/16/26 20:18	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/16/26 20:18	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/16/26 20:18	1
n-Butane	11		1.2	0.48	ug/m3			04/16/26 20:18	1

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	860	D	2.0	0.83	ug/m3			04/17/26 00:25	10
Trichloroethene	570	D	2.0	1.3	ug/m3			04/17/26 00:25	10

Client Sample ID: DUP_040826 — **Lab Sample ID: 460-348658-7**
Date Collected: 04/08/26 14:50 — **Matrix: Air**
Date Received: 04/11/26 10:10
Sample Time: 369 Min — **Sample Container: Summa Canister 6L**

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/17/26 00:02	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/17/26 00:02	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/17/26 00:02	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/17/26 00:02	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/17/26 00:02	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/17/26 00:02	1
1,2,4-Trimethylbenzene	5.3		0.98	0.39	ug/m3			04/17/26 00:02	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/17/26 00:02	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/17/26 00:02	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/17/26 00:02	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/17/26 00:02	1
1,3,5-Trimethylbenzene	1.7		0.98	0.23	ug/m3			04/17/26 00:02	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/17/26 00:02	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/17/26 00:02	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/17/26 00:02	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/17/26 00:02	1
Methyl Ethyl Ketone (2-Butanone)	3.5		1.5	1.5	ug/m3			04/17/26 00:02	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/17/26 00:02	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/17/26 00:02	1
4-Ethyltoluene	2.1		0.98	0.24	ug/m3			04/17/26 00:02	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/17/26 00:02	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/17/26 00:02	1
Acetone	77		12	3.8	ug/m3			04/17/26 00:02	1
Benzene	0.36	J	0.64	0.14	ug/m3			04/17/26 00:02	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/17/26 00:02	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/17/26 00:02	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/17/26 00:02	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: DUP_040826
Date Collected: 04/08/26 14:50
Date Received: 04/11/26 10:10
Sample Time: 369 Min

Lab Sample ID: 460-348658-7
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/17/26 00:02	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			04/17/26 00:02	1
Carbon tetrachloride	**0.48**		0.20	0.14	ug/m3			04/17/26 00:02	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/17/26 00:02	1
Chlorodifluoromethane	**4.1**		1.8	0.42	ug/m3			04/17/26 00:02	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/17/26 00:02	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/17/26 00:02	1
Chloroform	**0.31**	**J**	0.98	0.20	ug/m3			04/17/26 00:02	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			04/17/26 00:02	1
cis-1,2-Dichloroethene	**0.27**		0.20	0.083	ug/m3			04/17/26 00:02	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/17/26 00:02	1
Cyclohexane	**0.64**	**J**	0.69	0.11	ug/m3			04/17/26 00:02	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/17/26 00:02	1
Dichlorodifluoromethane	**3.2**		2.5	0.54	ug/m3			04/17/26 00:02	1
Ethylbenzene	**1.8**		0.87	0.23	ug/m3			04/17/26 00:02	1
1,1,2-Trichlorotrifluoroethane	**0.58**	**J**	1.5	0.41	ug/m3			04/17/26 00:02	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/17/26 00:02	1
n-Heptane	**0.55**	**J**	0.82	0.23	ug/m3			04/17/26 00:02	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/17/26 00:02	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/17/26 00:02	1
2,2,4-Trimethylpentane	**0.30**	**J**	0.93	0.18	ug/m3			04/17/26 00:02	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/17/26 00:02	1
Isopropyl alcohol	**4.7**	**J**	12	3.9	ug/m3			04/17/26 00:02	1
m,p-Xylene	**6.9**		2.2	0.41	ug/m3			04/17/26 00:02	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/17/26 00:02	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/17/26 00:02	1
Methylene Chloride	**0.73**	**J**	1.7	0.63	ug/m3			04/17/26 00:02	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/17/26 00:02	1
o-Xylene	**1.4**		0.87	0.23	ug/m3			04/17/26 00:02	1
Styrene	**0.50**	**J**	0.85	0.25	ug/m3			04/17/26 00:02	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/17/26 00:02	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			04/17/26 00:02	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/17/26 00:02	1
Toluene	**0.49**	**J**	0.75	0.16	ug/m3			04/17/26 00:02	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/17/26 00:02	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/17/26 00:02	1
Trichloroethene	**0.55**		0.20	0.13	ug/m3			04/17/26 00:02	1
Trichlorofluoromethane	**2.3**		1.1	0.28	ug/m3			04/17/26 00:02	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/17/26 00:02	1
N-Propylbenzene	**1.2**		0.98	0.23	ug/m3			04/17/26 00:02	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/17/26 00:02	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/17/26 00:02	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/17/26 00:02	1
4-Isopropyltoluene	**0.55**	**J**	1.1	0.34	ug/m3			04/17/26 00:02	1
n-Butane	**38**		1.2	0.48	ug/m3			04/17/26 00:02	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: IA-15
Date Collected: 04/08/26 16:10
Date Received: 04/11/26 10:10
Sample Time: 421 Min

Lab Sample ID: 460-348658-9
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/15/26 18:29	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/15/26 18:29	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/15/26 18:29	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/15/26 18:29	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/15/26 18:29	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/15/26 18:29	1
1,2,4-Trimethylbenzene	**16**		0.98	0.39	ug/m3			04/15/26 18:29	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/15/26 18:29	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/15/26 18:29	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/15/26 18:29	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/15/26 18:29	1
1,3,5-Trimethylbenzene	**4.3**		0.98	0.23	ug/m3			04/15/26 18:29	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/15/26 18:29	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/15/26 18:29	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/15/26 18:29	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/15/26 18:29	1
Methyl Ethyl Ketone (2-Butanone)	**2.0**		1.5	1.5	ug/m3			04/15/26 18:29	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/15/26 18:29	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/15/26 18:29	1
4-Ethyltoluene	**4.7**		0.98	0.24	ug/m3			04/15/26 18:29	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/15/26 18:29	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/15/26 18:29	1
Acetone	**11**	**J**	12	3.8	ug/m3			04/15/26 18:29	1
Benzene	**0.33**	**J**	0.64	0.14	ug/m3			04/15/26 18:29	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/15/26 18:29	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/15/26 18:29	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/15/26 18:29	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/15/26 18:29	1
Carbon disulfide	**0.52**	**J**	1.6	0.41	ug/m3			04/15/26 18:29	1
Carbon tetrachloride	0.20	U	0.20	0.14	ug/m3			04/15/26 18:29	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/15/26 18:29	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/15/26 18:29	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/15/26 18:29	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/15/26 18:29	1
Chloroform	0.98	U	0.98	0.20	ug/m3			04/15/26 18:29	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			04/15/26 18:29	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			04/15/26 18:29	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/15/26 18:29	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			04/15/26 18:29	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/15/26 18:29	1
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			04/15/26 18:29	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			04/15/26 18:29	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			04/15/26 18:29	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/15/26 18:29	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			04/15/26 18:29	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/15/26 18:29	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/15/26 18:29	1
2,2,4-Trimethylpentane	**15**		0.93	0.18	ug/m3			04/15/26 18:29	1

Client Sample ID: IA-15

Lab Sample ID: 460-348658-9

Date Collected: 04/08/26 16:10
Matrix: Air
Date Received: 04/11/26 10:10
Sample Time: 421 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cumene	0.98	U	0.98	0.20	ug/m3			04/15/26 18:29	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			04/15/26 18:29	1
m,p-Xylene	**0.86**	**J**	2.2	0.41	ug/m3			04/15/26 18:29	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/15/26 18:29	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/15/26 18:29	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/15/26 18:29	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/15/26 18:29	1
o-Xylene	**0.57**	**J**	0.87	0.23	ug/m3			04/15/26 18:29	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/15/26 18:29	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/15/26 18:29	1
Tetrachloroethene	**4.8**		1.4	0.14	ug/m3			04/15/26 18:29	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/15/26 18:29	1
Toluene	**1.2**		0.75	0.16	ug/m3			04/15/26 18:29	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/15/26 18:29	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/15/26 18:29	1
Trichloroethene	**0.66**		0.20	0.13	ug/m3			04/15/26 18:29	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			04/15/26 18:29	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/15/26 18:29	1
N-Propylbenzene	**2.6**		0.98	0.23	ug/m3			04/15/26 18:29	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/15/26 18:29	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/15/26 18:29	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/15/26 18:29	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/15/26 18:29	1
n-Butane	**33**		1.2	0.48	ug/m3			04/15/26 18:29	1

Client Sample ID: IA-1

Lab Sample ID: 460-348658-11

Date Collected: 04/08/26 14:50
Matrix: Air
Date Received: 04/11/26 10:10
Sample Time: 369 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/15/26 18:57	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/15/26 18:57	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/15/26 18:57	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/15/26 18:57	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/15/26 18:57	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/15/26 18:57	1
1,2,4-Trimethylbenzene	**6.7**		0.98	0.39	ug/m3			04/15/26 18:57	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/15/26 18:57	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/15/26 18:57	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/15/26 18:57	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/15/26 18:57	1
1,3,5-Trimethylbenzene	**2.1**		0.98	0.23	ug/m3			04/15/26 18:57	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/15/26 18:57	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/15/26 18:57	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/15/26 18:57	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/15/26 18:57	1
Methyl Ethyl Ketone (2-Butanone)	**1.6**		1.5	1.5	ug/m3			04/15/26 18:57	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: IA-1
Date Collected: 04/08/26 14:50
Date Received: 04/11/26 10:10
Sample Time: 369 Min

Lab Sample ID: 460-348658-11
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/15/26 18:57	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/15/26 18:57	1
4-Ethyltoluene	**2.2**		0.98	0.24	ug/m3			04/15/26 18:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/15/26 18:57	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/15/26 18:57	1
Acetone	**140**		12	3.8	ug/m3			04/15/26 18:57	1
Benzene	**0.31**	**J**	0.64	0.14	ug/m3			04/15/26 18:57	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/15/26 18:57	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/15/26 18:57	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/15/26 18:57	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/15/26 18:57	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			04/15/26 18:57	1
Carbon tetrachloride	**0.49**		0.20	0.14	ug/m3			04/15/26 18:57	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/15/26 18:57	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/15/26 18:57	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/15/26 18:57	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/15/26 18:57	1
Chloroform	**0.62**	**J**	0.98	0.20	ug/m3			04/15/26 18:57	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			04/15/26 18:57	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			04/15/26 18:57	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/15/26 18:57	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			04/15/26 18:57	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/15/26 18:57	1
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			04/15/26 18:57	1
Ethylbenzene	**3.8**		0.87	0.23	ug/m3			04/15/26 18:57	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			04/15/26 18:57	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/15/26 18:57	1
n-Heptane	**0.65**	**J**	0.82	0.23	ug/m3			04/15/26 18:57	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/15/26 18:57	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/15/26 18:57	1
2,2,4-Trimethylpentane	**3.4**		0.93	0.18	ug/m3			04/15/26 18:57	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/15/26 18:57	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			04/15/26 18:57	1
m,p-Xylene	**15**		2.2	0.41	ug/m3			04/15/26 18:57	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/15/26 18:57	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/15/26 18:57	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/15/26 18:57	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/15/26 18:57	1
o-Xylene	**2.6**		0.87	0.23	ug/m3			04/15/26 18:57	1
Styrene	**0.79**	**J**	0.85	0.25	ug/m3			04/15/26 18:57	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/15/26 18:57	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			04/15/26 18:57	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/15/26 18:57	1
Toluene	**0.55**	**J**	0.75	0.16	ug/m3			04/15/26 18:57	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/15/26 18:57	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/15/26 18:57	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/15/26 18:57	1
Trichlorofluoromethane	**1.8**		1.1	0.28	ug/m3			04/15/26 18:57	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: IA-1

Lab Sample ID: 460-348658-11

Date Collected: 04/08/26 14:50
Matrix: Air
Date Received: 04/11/26 10:10
Sample Time: 369 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/15/26 18:57	1
N-Propylbenzene	**1.5**		0.98	0.23	ug/m3			04/15/26 18:57	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/15/26 18:57	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/15/26 18:57	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/15/26 18:57	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/15/26 18:57	1
n-Butane	**68**		1.2	0.48	ug/m3			04/15/26 18:57	1

Client Sample ID: MP-6

Lab Sample ID: 460-348658-12

Date Collected: 04/08/26 16:29
Matrix: Air
Date Received: 04/11/26 10:10
Sample Time: 432 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	550	U	550	120	ug/m3			04/17/26 07:18	500
1,1,2,2-Tetrachloroethane	690	U	690	150	ug/m3			04/17/26 07:18	500
1,1,2-Trichloroethane	550	U	550	200	ug/m3			04/17/26 07:18	500
1,1-Dichloroethane	400	U	400	51	ug/m3			04/17/26 07:18	500
1,1-Dichloroethene	100	U	100	52	ug/m3			04/17/26 07:18	500
1,2,4-Trichlorobenzene	1900	U	1900	190	ug/m3			04/17/26 07:18	500
1,2,4-Trimethylbenzene	490	U	490	200	ug/m3			04/17/26 07:18	500
1,2-Dibromoethane	770	U	770	160	ug/m3			04/17/26 07:18	500
1,2-Dichlorobenzene	600	U	600	200	ug/m3			04/17/26 07:18	500
1,2-Dichloroethane	400	U	400	190	ug/m3			04/17/26 07:18	500
1,2-Dichloropropane	460	U	460	220	ug/m3			04/17/26 07:18	500
1,3,5-Trimethylbenzene	490	U	490	120	ug/m3			04/17/26 07:18	500
1,3-Butadiene	220	U	220	43	ug/m3			04/17/26 07:18	500
1,3-Dichlorobenzene	600	U	600	220	ug/m3			04/17/26 07:18	500
1,4-Dichlorobenzene	600	U	600	270	ug/m3			04/17/26 07:18	500
1,4-Dioxane	9000	U	9000	85	ug/m3			04/17/26 07:18	500
Methyl Ethyl Ketone (2-Butanone)	740	U	740	730	ug/m3			04/17/26 07:18	500
2-Chlorotoluene	520	U	520	120	ug/m3			04/17/26 07:18	500
3-Chloropropene	790	U	790	190	ug/m3			04/17/26 07:18	500
4-Ethyltoluene	490	U	490	120	ug/m3			04/17/26 07:18	500
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1000	U	1000	270	ug/m3			04/17/26 07:18	500
Methyl Butyl Ketone (2-Hexanone)	1000	U	1000	310	ug/m3			04/17/26 07:18	500
Acetone	6000	U	6000	1900	ug/m3			04/17/26 07:18	500
Benzene	320	U	320	71	ug/m3			04/17/26 07:18	500
Bromodichloromethane	670	U	670	170	ug/m3			04/17/26 07:18	500
Bromoethene(Vinyl Bromide)	440	U	440	110	ug/m3			04/17/26 07:18	500
Bromoform	1000	U	1000	620	ug/m3			04/17/26 07:18	500
Bromomethane	390	U	390	140	ug/m3			04/17/26 07:18	500
Carbon disulfide	780	U	780	200	ug/m3			04/17/26 07:18	500
Carbon tetrachloride	100	U	100	69	ug/m3			04/17/26 07:18	500
Chlorobenzene	460	U	460	100	ug/m3			04/17/26 07:18	500
Chlorodifluoromethane	890	U	890	210	ug/m3			04/17/26 07:18	500
Chloroethane	660	U	660	240	ug/m3			04/17/26 07:18	500

Client Sample ID: MP-6 — **Lab Sample ID: 460-348658-12**
Date Collected: 04/08/26 16:29 — **Matrix: Air**
Date Received: 04/11/26 10:10
Sample Time: 432 Min — **Sample Container: Summa Canister 6L**

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	520	U	520	230	ug/m3			04/17/26 07:18	500
Chloroform	**310**	**J**	490	100	ug/m3			04/17/26 07:18	500
Chloromethane	520	U	520	160	ug/m3			04/17/26 07:18	500
cis-1,2-Dichloroethene	**89000**		100	42	ug/m3			04/17/26 07:18	500
cis-1,3-Dichloropropene	450	U	450	100	ug/m3			04/17/26 07:18	500
Cyclohexane	340	U	340	55	ug/m3			04/17/26 07:18	500
Dibromochloromethane	850	U	850	65	ug/m3			04/17/26 07:18	500
Dichlorodifluoromethane	1200	U	1200	270	ug/m3			04/17/26 07:18	500
Ethylbenzene	430	U	430	110	ug/m3			04/17/26 07:18	500
1,1,2-Trichlorotrifluoroethane	770	U	770	200	ug/m3			04/17/26 07:18	500
1,2-Dichlorotetrafluoroethane	700	U	700	170	ug/m3			04/17/26 07:18	500
n-Heptane	410	U	410	110	ug/m3			04/17/26 07:18	500
Hexachlorobutadiene	1100	U	1100	590	ug/m3			04/17/26 07:18	500
n-Hexane	880	U	880	190	ug/m3			04/17/26 07:18	500
2,2,4-Trimethylpentane	470	U	470	89	ug/m3			04/17/26 07:18	500
Cumene	490	U	490	100	ug/m3			04/17/26 07:18	500
Isopropyl alcohol	6200	U	6200	2000	ug/m3			04/17/26 07:18	500
m,p-Xylene	1100	U	1100	210	ug/m3			04/17/26 07:18	500
Methyl methacrylate	1000	U	1000	290	ug/m3			04/17/26 07:18	500
Methyl tert-butyl ether	360	U	360	65	ug/m3			04/17/26 07:18	500
Methylene Chloride	870	U	870	310	ug/m3			04/17/26 07:18	500
Naphthalene	1000	U	1000	790	ug/m3			04/17/26 07:18	500
o-Xylene	430	U	430	110	ug/m3			04/17/26 07:18	500
Styrene	430	U	430	130	ug/m3			04/17/26 07:18	500
tert-Butyl alcohol	7600	U	7600	1800	ug/m3			04/17/26 07:18	500
Tetrachloroethene	680	U	680	71	ug/m3			04/17/26 07:18	500
Tetrahydrofuran	7400	U	7400	1900	ug/m3			04/17/26 07:18	500
Toluene	380	U	380	79	ug/m3			04/17/26 07:18	500
trans-1,2-Dichloroethene	**3800**		400	46	ug/m3			04/17/26 07:18	500
trans-1,3-Dichloropropene	450	U	450	120	ug/m3			04/17/26 07:18	500
Trichloroethene	**6400**		100	67	ug/m3			04/17/26 07:18	500
Trichlorofluoromethane	560	U	560	140	ug/m3			04/17/26 07:18	500
Vinyl chloride	100	U	100	27	ug/m3			04/17/26 07:18	500
N-Propylbenzene	490	U	490	120	ug/m3			04/17/26 07:18	500
n-Butylbenzene	550	U	550	300	ug/m3			04/17/26 07:18	500
sec-Butylbenzene	550	U	550	120	ug/m3			04/17/26 07:18	500
tert-Butylbenzene	550	U	550	130	ug/m3			04/17/26 07:18	500
4-Isopropyltoluene	550	U	550	170	ug/m3			04/17/26 07:18	500
n-Butane	600	U	600	240	ug/m3			04/17/26 07:18	500

Client Sample ID: AMB-1 — **Lab Sample ID: 460-348658-13**
Date Collected: 04/08/26 14:21 — **Matrix: Air**
Date Received: 04/11/26 10:10
Sample Time: 334 Min — **Sample Container: Summa Canister 6L**

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/15/26 19:26	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/15/26 19:26	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: AMB-1
Date Collected: 04/08/26 14:21
Date Received: 04/11/26 10:10
Sample Time: 334 Min

Lab Sample ID: 460-348658-13
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/15/26 19:26	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/15/26 19:26	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/15/26 19:26	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/15/26 19:26	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			04/15/26 19:26	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/15/26 19:26	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/15/26 19:26	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/15/26 19:26	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/15/26 19:26	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			04/15/26 19:26	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/15/26 19:26	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/15/26 19:26	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/15/26 19:26	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/15/26 19:26	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.5	ug/m3			04/15/26 19:26	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/15/26 19:26	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/15/26 19:26	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			04/15/26 19:26	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/15/26 19:26	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/15/26 19:26	1
Acetone	**25**		12	3.8	ug/m3			04/15/26 19:26	1
Benzene	**0.44**	**J**	0.64	0.14	ug/m3			04/15/26 19:26	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/15/26 19:26	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/15/26 19:26	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/15/26 19:26	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/15/26 19:26	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			04/15/26 19:26	1
Carbon tetrachloride	**0.78**		0.20	0.14	ug/m3			04/15/26 19:26	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/15/26 19:26	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/15/26 19:26	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/15/26 19:26	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/15/26 19:26	1
Chloroform	**1.4**		0.98	0.20	ug/m3			04/15/26 19:26	1
Chloromethane	**0.38**	**J**	1.0	0.31	ug/m3			04/15/26 19:26	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			04/15/26 19:26	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/15/26 19:26	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			04/15/26 19:26	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/15/26 19:26	1
Dichlorodifluoromethane	**1.9**	**J**	2.5	0.54	ug/m3			04/15/26 19:26	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			04/15/26 19:26	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			04/15/26 19:26	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/15/26 19:26	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			04/15/26 19:26	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/15/26 19:26	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/15/26 19:26	1
2,2,4-Trimethylpentane	**1.3**		0.93	0.18	ug/m3			04/15/26 19:26	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/15/26 19:26	1
Isopropyl alcohol	**15**		12	3.9	ug/m3			04/15/26 19:26	1

Client Sample ID: AMB-1 — **Lab Sample ID: 460-348658-13**
Date Collected: 04/08/26 14:21 — **Matrix: Air**
Date Received: 04/11/26 10:10
Sample Time: 334 Min — **Sample Container: Summa Canister 6L**

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	**0.72**	**J**	2.2	0.41	ug/m3			04/15/26 19:26	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/15/26 19:26	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/15/26 19:26	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/15/26 19:26	1
Naphthalene	**2.8**		2.0	1.6	ug/m3			04/15/26 19:26	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			04/15/26 19:26	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/15/26 19:26	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/15/26 19:26	1
Tetrachloroethene	**2.3**		1.4	0.14	ug/m3			04/15/26 19:26	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/15/26 19:26	1
Toluene	**0.96**		0.75	0.16	ug/m3			04/15/26 19:26	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/15/26 19:26	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/15/26 19:26	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/15/26 19:26	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			04/15/26 19:26	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/15/26 19:26	1
N-Propylbenzene	0.98	U	0.98	0.23	ug/m3			04/15/26 19:26	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/15/26 19:26	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/15/26 19:26	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/15/26 19:26	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/15/26 19:26	1
n-Butane	**1.1**	**J**	1.2	0.48	ug/m3			04/15/26 19:26	1

Client Sample ID: EP-1 — **Lab Sample ID: 460-348658-14**
Date Collected: 04/08/26 14:15 — **Matrix: Air**
Date Received: 04/11/26 10:10
Sample Time: 135 Min — **Sample Container: Summa Canister 6L**

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/16/26 21:19	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/16/26 21:19	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/16/26 21:19	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/16/26 21:19	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/16/26 21:19	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/16/26 21:19	1
1,2,4-Trimethylbenzene	**0.92**	**J**	0.98	0.39	ug/m3			04/16/26 21:19	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/16/26 21:19	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/16/26 21:19	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/16/26 21:19	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/16/26 21:19	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			04/16/26 21:19	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/16/26 21:19	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/16/26 21:19	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/16/26 21:19	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/16/26 21:19	1
Methyl Ethyl Ketone (2-Butanone)	**1.8**		1.5	1.5	ug/m3			04/16/26 21:19	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/16/26 21:19	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/16/26 21:19	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: EP-1
Date Collected: 04/08/26 14:15
Date Received: 04/11/26 10:10
Sample Time: 135 Min

Lab Sample ID: 460-348658-14
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	**0.27**	**J**	0.98	0.24	ug/m3			04/16/26 21:19	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**2.3**		2.1	0.53	ug/m3			04/16/26 21:19	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/16/26 21:19	1
Acetone	**37**		12	3.8	ug/m3			04/16/26 21:19	1
Benzene	**0.31**	**J**	0.64	0.14	ug/m3			04/16/26 21:19	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/16/26 21:19	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/16/26 21:19	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/16/26 21:19	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/16/26 21:19	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			04/16/26 21:19	1
Carbon tetrachloride	**0.58**		0.20	0.14	ug/m3			04/16/26 21:19	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/16/26 21:19	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/16/26 21:19	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/16/26 21:19	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/16/26 21:19	1
Chloroform	**2.8**		0.98	0.20	ug/m3			04/16/26 21:19	1
Chloromethane	**0.56**	**J**	1.0	0.31	ug/m3			04/16/26 21:19	1
cis-1,2-Dichloroethene	**0.24**		0.20	0.083	ug/m3			04/16/26 21:19	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/16/26 21:19	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			04/16/26 21:19	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/16/26 21:19	1
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.54	ug/m3			04/16/26 21:19	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			04/16/26 21:19	1
1,1,2-Trichlorotrifluoroethane	**0.59**	**J**	1.5	0.41	ug/m3			04/16/26 21:19	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/16/26 21:19	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			04/16/26 21:19	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/16/26 21:19	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/16/26 21:19	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			04/16/26 21:19	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/16/26 21:19	1
Isopropyl alcohol	**44**		12	3.9	ug/m3			04/16/26 21:19	1
m,p-Xylene	**1.1**	**J**	2.2	0.41	ug/m3			04/16/26 21:19	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/16/26 21:19	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/16/26 21:19	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/16/26 21:19	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/16/26 21:19	1
o-Xylene	**0.40**	**J**	0.87	0.23	ug/m3			04/16/26 21:19	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/16/26 21:19	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/16/26 21:19	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			04/16/26 21:19	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/16/26 21:19	1
Toluene	**0.38**	**J**	0.75	0.16	ug/m3			04/16/26 21:19	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/16/26 21:19	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/16/26 21:19	1
Trichloroethene	**0.69**		0.20	0.13	ug/m3			04/16/26 21:19	1
Trichlorofluoromethane	**1.2**		1.1	0.28	ug/m3			04/16/26 21:19	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/16/26 21:19	1
N-Propylbenzene	0.98	U	0.98	0.23	ug/m3			04/16/26 21:19	1

Client Sample ID: EP-1
Lab Sample ID: 460-348658-14
Date Collected: 04/08/26 14:15
Matrix: Air
Date Received: 04/11/26 10:10
Sample Time: 135 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/16/26 21:19	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/16/26 21:19	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/16/26 21:19	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/16/26 21:19	1
n-Butane	**4.4**		1.2	0.48	ug/m3			04/16/26 21:19	1

Client Sample ID: MP-8R
Lab Sample ID: 460-348658-15
Date Collected: 04/08/26 16:50
Matrix: Air
Date Received: 04/11/26 10:10
Sample Time: 392 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/17/26 06:04	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/17/26 06:04	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/17/26 06:04	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/17/26 06:04	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/17/26 06:04	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/17/26 06:04	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			04/17/26 06:04	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/17/26 06:04	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/17/26 06:04	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/17/26 06:04	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/17/26 06:04	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			04/17/26 06:04	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/17/26 06:04	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/17/26 06:04	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/17/26 06:04	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/17/26 06:04	1
Methyl Ethyl Ketone (2-Butanone)	**12**		1.5	1.5	ug/m3			04/17/26 06:04	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/17/26 06:04	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/17/26 06:04	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			04/17/26 06:04	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/17/26 06:04	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/17/26 06:04	1
Acetone	**61**		12	3.8	ug/m3			04/17/26 06:04	1
Benzene	**0.52**	**J**	0.64	0.14	ug/m3			04/17/26 06:04	1
Bromodichloromethane	**0.42**	**J**	1.3	0.34	ug/m3			04/17/26 06:04	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/17/26 06:04	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/17/26 06:04	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/17/26 06:04	1
Carbon disulfide	**5.8**		1.6	0.41	ug/m3			04/17/26 06:04	1
Carbon tetrachloride	**0.48**		0.20	0.14	ug/m3			04/17/26 06:04	1
Chlorobenzene	**0.70**	**J**	0.92	0.20	ug/m3			04/17/26 06:04	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/17/26 06:04	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/17/26 06:04	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/17/26 06:04	1
Chloroform	**15**		0.98	0.20	ug/m3			04/17/26 06:04	1

Client Sample ID: MP-8R
Lab Sample ID: 460-348658-15
Date Collected: 04/08/26 16:50
Matrix: Air
Date Received: 04/11/26 10:10
Sample Time: 392 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	1.0	U	1.0	0.31	ug/m3			04/17/26 06:04	1
cis-1,2-Dichloroethene	**1.8**		0.20	0.083	ug/m3			04/17/26 06:04	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/17/26 06:04	1
Cyclohexane	**0.55**	**J**	0.69	0.11	ug/m3			04/17/26 06:04	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/17/26 06:04	1
Dichlorodifluoromethane	**2.7**		2.5	0.54	ug/m3			04/17/26 06:04	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			04/17/26 06:04	1
1,1,2-Trichlorotrifluoroethane	**0.56**	**J**	1.5	0.41	ug/m3			04/17/26 06:04	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/17/26 06:04	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			04/17/26 06:04	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/17/26 06:04	1
n-Hexane	**0.98**	**J**	1.8	0.39	ug/m3			04/17/26 06:04	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			04/17/26 06:04	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/17/26 06:04	1
Isopropyl alcohol	**7.5**	**J**	12	3.9	ug/m3			04/17/26 06:04	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			04/17/26 06:04	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/17/26 06:04	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/17/26 06:04	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/17/26 06:04	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/17/26 06:04	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			04/17/26 06:04	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/17/26 06:04	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/17/26 06:04	1
Tetrachloroethene	**2.3**		1.4	0.14	ug/m3			04/17/26 06:04	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/17/26 06:04	1
Toluene	**0.55**	**J**	0.75	0.16	ug/m3			04/17/26 06:04	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/17/26 06:04	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/17/26 06:04	1
Trichloroethene	**5.9**		0.20	0.13	ug/m3			04/17/26 06:04	1
Trichlorofluoromethane	**1.2**		1.1	0.28	ug/m3			04/17/26 06:04	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/17/26 06:04	1
N-Propylbenzene	0.98	U	0.98	0.23	ug/m3			04/17/26 06:04	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/17/26 06:04	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/17/26 06:04	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/17/26 06:04	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/17/26 06:04	1
n-Butane	**5.0**		1.2	0.48	ug/m3			04/17/26 06:04	1

Client Sample ID: IA-3
Lab Sample ID: 460-348658-16
Date Collected: 04/08/26 15:49
Matrix: Air
Date Received: 04/11/26 10:10
Sample Time: 438 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/15/26 19:55	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/15/26 19:55	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/15/26 19:55	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/15/26 19:55	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: IA-3
Date Collected: 04/08/26 15:49
Date Received: 04/11/26 10:10
Sample Time: 438 Min

Lab Sample ID: 460-348658-16
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/15/26 19:55	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/15/26 19:55	1
1,2,4-Trimethylbenzene	**4.5**		0.98	0.39	ug/m3			04/15/26 19:55	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/15/26 19:55	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/15/26 19:55	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/15/26 19:55	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/15/26 19:55	1
1,3,5-Trimethylbenzene	**1.1**		0.98	0.23	ug/m3			04/15/26 19:55	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/15/26 19:55	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/15/26 19:55	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/15/26 19:55	1
1,4-Dioxane	**0.34**	**J**	18	0.17	ug/m3			04/15/26 19:55	1
Methyl Ethyl Ketone (2-Butanone)	**4.3**		1.5	1.5	ug/m3			04/15/26 19:55	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/15/26 19:55	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/15/26 19:55	1
4-Ethyltoluene	**1.3**		0.98	0.24	ug/m3			04/15/26 19:55	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/15/26 19:55	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/15/26 19:55	1
Acetone	**110**		12	3.8	ug/m3			04/15/26 19:55	1
Benzene	**0.40**	**J**	0.64	0.14	ug/m3			04/15/26 19:55	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/15/26 19:55	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/15/26 19:55	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/15/26 19:55	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/15/26 19:55	1
Carbon disulfide	**0.89**	**J**	1.6	0.41	ug/m3			04/15/26 19:55	1
Carbon tetrachloride	**0.44**		0.20	0.14	ug/m3			04/15/26 19:55	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/15/26 19:55	1
Chlorodifluoromethane	**5.2**		1.8	0.42	ug/m3			04/15/26 19:55	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/15/26 19:55	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/15/26 19:55	1
Chloroform	**0.24**	**J**	0.98	0.20	ug/m3			04/15/26 19:55	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			04/15/26 19:55	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			04/15/26 19:55	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/15/26 19:55	1
Cyclohexane	**0.41**	**J**	0.69	0.11	ug/m3			04/15/26 19:55	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/15/26 19:55	1
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			04/15/26 19:55	1
Ethylbenzene	**1.9**		0.87	0.23	ug/m3			04/15/26 19:55	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			04/15/26 19:55	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/15/26 19:55	1
n-Heptane	**0.58**	**J**	0.82	0.23	ug/m3			04/15/26 19:55	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/15/26 19:55	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/15/26 19:55	1
2,2,4-Trimethylpentane	**0.52**	**J**	0.93	0.18	ug/m3			04/15/26 19:55	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/15/26 19:55	1
Isopropyl alcohol	**24**		12	3.9	ug/m3			04/15/26 19:55	1
m,p-Xylene	**6.8**		2.2	0.41	ug/m3			04/15/26 19:55	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/15/26 19:55	1

Client Sample ID: IA-3 — **Lab Sample ID: 460-348658-16**
Date Collected: 04/08/26 15:49 — **Matrix: Air**
Date Received: 04/11/26 10:10
Sample Time: 438 Min — **Sample Container: Summa Canister 6L**

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/15/26 19:55	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/15/26 19:55	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/15/26 19:55	1
o-Xylene	**1.4**		0.87	0.23	ug/m3			04/15/26 19:55	1
Styrene	**0.47**	**J**	0.85	0.25	ug/m3			04/15/26 19:55	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/15/26 19:55	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			04/15/26 19:55	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/15/26 19:55	1
Toluene	**1.6**		0.75	0.16	ug/m3			04/15/26 19:55	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/15/26 19:55	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/15/26 19:55	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/15/26 19:55	1
Trichlorofluoromethane	**2.0**		1.1	0.28	ug/m3			04/15/26 19:55	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/15/26 19:55	1
N-Propylbenzene	**0.97**	**J**	0.98	0.23	ug/m3			04/15/26 19:55	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/15/26 19:55	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/15/26 19:55	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/15/26 19:55	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/15/26 19:55	1
n-Butane	**48**		1.2	0.48	ug/m3			04/15/26 19:55	1

Client Sample ID: IA-13 — **Lab Sample ID: 460-348658-17**
Date Collected: 04/08/26 16:20 — **Matrix: Air**
Date Received: 04/11/26 10:10
Sample Time: 445 Min — **Sample Container: Summa Canister 6L**

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/15/26 20:23	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/15/26 20:23	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/15/26 20:23	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/15/26 20:23	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/15/26 20:23	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/15/26 20:23	1
1,2,4-Trimethylbenzene	**3.8**		0.98	0.39	ug/m3			04/15/26 20:23	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/15/26 20:23	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/15/26 20:23	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/15/26 20:23	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/15/26 20:23	1
1,3,5-Trimethylbenzene	**1.2**		0.98	0.23	ug/m3			04/15/26 20:23	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/15/26 20:23	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/15/26 20:23	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/15/26 20:23	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/15/26 20:23	1
Methyl Ethyl Ketone (2-Butanone)	**1.5**		1.5	1.5	ug/m3			04/15/26 20:23	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/15/26 20:23	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/15/26 20:23	1
4-Ethyltoluene	**1.3**		0.98	0.24	ug/m3			04/15/26 20:23	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: IA-13
Date Collected: 04/08/26 16:20
Date Received: 04/11/26 10:10
Sample Time: 445 Min

Lab Sample ID: 460-348658-17
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/15/26 20:23	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/15/26 20:23	1
Acetone	**37**		12	3.8	ug/m3			04/15/26 20:23	1
Benzene	**0.43**	**J**	0.64	0.14	ug/m3			04/15/26 20:23	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/15/26 20:23	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/15/26 20:23	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/15/26 20:23	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/15/26 20:23	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			04/15/26 20:23	1
Carbon tetrachloride	0.20	U	0.20	0.14	ug/m3			04/15/26 20:23	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/15/26 20:23	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/15/26 20:23	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/15/26 20:23	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/15/26 20:23	1
Chloroform	**0.46**	**J**	0.98	0.20	ug/m3			04/15/26 20:23	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			04/15/26 20:23	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			04/15/26 20:23	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/15/26 20:23	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			04/15/26 20:23	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/15/26 20:23	1
Dichlorodifluoromethane	**2.0**	**J**	2.5	0.54	ug/m3			04/15/26 20:23	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			04/15/26 20:23	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			04/15/26 20:23	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/15/26 20:23	1
n-Heptane	**0.47**	**J**	0.82	0.23	ug/m3			04/15/26 20:23	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/15/26 20:23	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/15/26 20:23	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			04/15/26 20:23	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/15/26 20:23	1
Isopropyl alcohol	**8.9**	**J**	12	3.9	ug/m3			04/15/26 20:23	1
m,p-Xylene	**0.71**	**J**	2.2	0.41	ug/m3			04/15/26 20:23	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/15/26 20:23	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/15/26 20:23	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/15/26 20:23	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/15/26 20:23	1
o-Xylene	**0.42**	**J**	0.87	0.23	ug/m3			04/15/26 20:23	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/15/26 20:23	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/15/26 20:23	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			04/15/26 20:23	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/15/26 20:23	1
Toluene	**1.1**		0.75	0.16	ug/m3			04/15/26 20:23	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/15/26 20:23	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/15/26 20:23	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/15/26 20:23	1
Trichlorofluoromethane	**1.2**		1.1	0.28	ug/m3			04/15/26 20:23	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/15/26 20:23	1
N-Propylbenzene	**0.85**	**J**	0.98	0.23	ug/m3			04/15/26 20:23	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/15/26 20:23	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: IA-13

Lab Sample ID: 460-348658-17

Date Collected: 04/08/26 16:20
Matrix: Air
Date Received: 04/11/26 10:10
Sample Time: 445 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/15/26 20:23	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/15/26 20:23	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/15/26 20:23	1
n-Butane	**55**		1.2	0.48	ug/m3			04/15/26 20:23	1

Client Sample ID: IA-8R

Lab Sample ID: 460-348658-18

Date Collected: 04/08/26 16:50
Matrix: Air
Date Received: 04/11/26 10:10
Sample Time: 390 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/15/26 20:52	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/15/26 20:52	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/15/26 20:52	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/15/26 20:52	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/15/26 20:52	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/15/26 20:52	1
1,2,4-Trimethylbenzene	**5.7**		0.98	0.39	ug/m3			04/15/26 20:52	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/15/26 20:52	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/15/26 20:52	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/15/26 20:52	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/15/26 20:52	1
1,3,5-Trimethylbenzene	**1.5**		0.98	0.23	ug/m3			04/15/26 20:52	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/15/26 20:52	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/15/26 20:52	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/15/26 20:52	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/15/26 20:52	1
Methyl Ethyl Ketone (2-Butanone)	**1.8**		1.5	1.5	ug/m3			04/15/26 20:52	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/15/26 20:52	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/15/26 20:52	1
4-Ethyltoluene	**1.6**		0.98	0.24	ug/m3			04/15/26 20:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/15/26 20:52	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/15/26 20:52	1
Acetone	**26**		12	3.8	ug/m3			04/15/26 20:52	1
Benzene	**0.43**	**J**	0.64	0.14	ug/m3			04/15/26 20:52	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/15/26 20:52	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/15/26 20:52	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/15/26 20:52	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/15/26 20:52	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			04/15/26 20:52	1
Carbon tetrachloride	0.20	U	0.20	0.14	ug/m3			04/15/26 20:52	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/15/26 20:52	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/15/26 20:52	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/15/26 20:52	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/15/26 20:52	1
Chloroform	**4.0**		0.98	0.20	ug/m3			04/15/26 20:52	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			04/15/26 20:52	1

Client Sample ID: IA-8R — **Lab Sample ID: 460-348658-18**
Date Collected: 04/08/26 16:50 — **Matrix: Air**
Date Received: 04/11/26 10:10
Sample Time: 390 Min — **Sample Container: Summa Canister 6L**

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			04/15/26 20:52	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/15/26 20:52	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			04/15/26 20:52	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/15/26 20:52	1
Dichlorodifluoromethane	**1.8**	**J**	2.5	0.54	ug/m3			04/15/26 20:52	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			04/15/26 20:52	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			04/15/26 20:52	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/15/26 20:52	1
n-Heptane	**1.4**		0.82	0.23	ug/m3			04/15/26 20:52	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/15/26 20:52	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/15/26 20:52	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			04/15/26 20:52	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/15/26 20:52	1
Isopropyl alcohol	**4.6**	**J**	12	3.9	ug/m3			04/15/26 20:52	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			04/15/26 20:52	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/15/26 20:52	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/15/26 20:52	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/15/26 20:52	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/15/26 20:52	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			04/15/26 20:52	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/15/26 20:52	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/15/26 20:52	1
Tetrachloroethene	**5.7**		1.4	0.14	ug/m3			04/15/26 20:52	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/15/26 20:52	1
Toluene	**0.65**	**J**	0.75	0.16	ug/m3			04/15/26 20:52	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/15/26 20:52	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/15/26 20:52	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/15/26 20:52	1
Trichlorofluoromethane	**1.2**		1.1	0.28	ug/m3			04/15/26 20:52	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/15/26 20:52	1
N-Propylbenzene	**1.1**		0.98	0.23	ug/m3			04/15/26 20:52	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/15/26 20:52	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/15/26 20:52	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/15/26 20:52	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/15/26 20:52	1
n-Butane	**21**		1.2	0.48	ug/m3			04/15/26 20:52	1

Client Sample ID: IA-6 — **Lab Sample ID: 460-348658-19**
Date Collected: 04/08/26 16:16 — **Matrix: Air**
Date Received: 04/11/26 10:10
Sample Time: 423 Min — **Sample Container: Summa Canister 6L**

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/15/26 21:21	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/15/26 21:21	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/15/26 21:21	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/15/26 21:21	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/15/26 21:21	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: IA-6
Date Collected: 04/08/26 16:16
Date Received: 04/11/26 10:10
Sample Time: 423 Min

Lab Sample ID: 460-348658-19
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/15/26 21:21	1
1,2,4-Trimethylbenzene	**12**		0.98	0.39	ug/m3			04/15/26 21:21	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/15/26 21:21	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/15/26 21:21	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/15/26 21:21	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/15/26 21:21	1
1,3,5-Trimethylbenzene	**3.3**		0.98	0.23	ug/m3			04/15/26 21:21	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/15/26 21:21	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/15/26 21:21	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/15/26 21:21	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/15/26 21:21	1
Methyl Ethyl Ketone (2-Butanone)	**1.7**		1.5	1.5	ug/m3			04/15/26 21:21	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/15/26 21:21	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/15/26 21:21	1
4-Ethyltoluene	**3.4**		0.98	0.24	ug/m3			04/15/26 21:21	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.56**	**J**	2.1	0.53	ug/m3			04/15/26 21:21	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/15/26 21:21	1
Acetone	**16**		12	3.8	ug/m3			04/15/26 21:21	1
Benzene	**0.34**	**J**	0.64	0.14	ug/m3			04/15/26 21:21	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/15/26 21:21	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/15/26 21:21	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/15/26 21:21	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/15/26 21:21	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			04/15/26 21:21	1
Carbon tetrachloride	0.20	U	0.20	0.14	ug/m3			04/15/26 21:21	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/15/26 21:21	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/15/26 21:21	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/15/26 21:21	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/15/26 21:21	1
Chloroform	0.98	U	0.98	0.20	ug/m3			04/15/26 21:21	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			04/15/26 21:21	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			04/15/26 21:21	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/15/26 21:21	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			04/15/26 21:21	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/15/26 21:21	1
Dichlorodifluoromethane	**2.0**	**J**	2.5	0.54	ug/m3			04/15/26 21:21	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			04/15/26 21:21	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			04/15/26 21:21	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/15/26 21:21	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			04/15/26 21:21	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/15/26 21:21	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/15/26 21:21	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			04/15/26 21:21	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/15/26 21:21	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			04/15/26 21:21	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			04/15/26 21:21	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/15/26 21:21	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/15/26 21:21	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: IA-6

Lab Sample ID: 460-348658-19

Date Collected: 04/08/26 16:16
Matrix: Air
Date Received: 04/11/26 10:10
Sample Time: 423 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/15/26 21:21	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/15/26 21:21	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			04/15/26 21:21	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/15/26 21:21	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/15/26 21:21	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			04/15/26 21:21	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/15/26 21:21	1
Toluene	**1.3**		0.75	0.16	ug/m3			04/15/26 21:21	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/15/26 21:21	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/15/26 21:21	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/15/26 21:21	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			04/15/26 21:21	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/15/26 21:21	1
N-Propylbenzene	**2.0**		0.98	0.23	ug/m3			04/15/26 21:21	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/15/26 21:21	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/15/26 21:21	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/15/26 21:21	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/15/26 21:21	1
n-Butane	**22**		1.2	0.48	ug/m3			04/15/26 21:21	1

Client Sample ID: EP-2

Lab Sample ID: 460-348658-20

Date Collected: 04/08/26 15:29
Matrix: Air
Date Received: 04/11/26 10:10
Sample Time: 243 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			04/16/26 21:49	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/16/26 21:49	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/16/26 21:49	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/16/26 21:49	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/16/26 21:49	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/16/26 21:49	1
1,2,4-Trimethylbenzene	**2.3**		0.98	0.39	ug/m3			04/16/26 21:49	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/16/26 21:49	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/16/26 21:49	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/16/26 21:49	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/16/26 21:49	1
1,3,5-Trimethylbenzene	**0.76**	**J**	0.98	0.23	ug/m3			04/16/26 21:49	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/16/26 21:49	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/16/26 21:49	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/16/26 21:49	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/16/26 21:49	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.5	ug/m3			04/16/26 21:49	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/16/26 21:49	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/16/26 21:49	1
4-Ethyltoluene	**0.93**	**J**	0.98	0.24	ug/m3			04/16/26 21:49	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/16/26 21:49	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: EP-2
Date Collected: 04/08/26 15:29
Date Received: 04/11/26 10:10
Sample Time: 243 Min

Lab Sample ID: 460-348658-20
Matrix: Air
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/16/26 21:49	1
Acetone	**37**		12	3.8	ug/m3			04/16/26 21:49	1
Benzene	**0.40**	**J**	0.64	0.14	ug/m3			04/16/26 21:49	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/16/26 21:49	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/16/26 21:49	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/16/26 21:49	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/16/26 21:49	1
Carbon disulfide	**1.2**	**J**	1.6	0.41	ug/m3			04/16/26 21:49	1
Carbon tetrachloride	**0.43**		0.20	0.14	ug/m3			04/16/26 21:49	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/16/26 21:49	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/16/26 21:49	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/16/26 21:49	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/16/26 21:49	1
Chloroform	**0.60**	**J**	0.98	0.20	ug/m3			04/16/26 21:49	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			04/16/26 21:49	1
cis-1,2-Dichloroethene	**0.76**		0.20	0.083	ug/m3			04/16/26 21:49	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/16/26 21:49	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			04/16/26 21:49	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/16/26 21:49	1
Dichlorodifluoromethane	**2.7**		2.5	0.54	ug/m3			04/16/26 21:49	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			04/16/26 21:49	1
1,1,2-Trichlorotrifluoroethane	**0.60**	**J**	1.5	0.41	ug/m3			04/16/26 21:49	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/16/26 21:49	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			04/16/26 21:49	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/16/26 21:49	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/16/26 21:49	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			04/16/26 21:49	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/16/26 21:49	1
Isopropyl alcohol	**8.4**	**J**	12	3.9	ug/m3			04/16/26 21:49	1
m,p-Xylene	**0.65**	**J**	2.2	0.41	ug/m3			04/16/26 21:49	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/16/26 21:49	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/16/26 21:49	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/16/26 21:49	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/16/26 21:49	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			04/16/26 21:49	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/16/26 21:49	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/16/26 21:49	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			04/16/26 21:49	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/16/26 21:49	1
Toluene	**2.4**		0.75	0.16	ug/m3			04/16/26 21:49	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/16/26 21:49	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/16/26 21:49	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/16/26 21:49	1
Trichlorofluoromethane	**1.4**		1.1	0.28	ug/m3			04/16/26 21:49	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/16/26 21:49	1
N-Propylbenzene	**0.54**	**J**	0.98	0.23	ug/m3			04/16/26 21:49	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/16/26 21:49	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/16/26 21:49	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-348658-1
Project/Site: Shrub Oak BCP Site (AIR)

Client Sample ID: EP-2
Lab Sample ID: 460-348658-20
Date Collected: 04/08/26 15:29
Matrix: Air
Date Received: 04/11/26 10:10
Sample Time: 243 Min
Sample Container: Summa Canister 6L

Method: EPA TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/16/26 21:49	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/16/26 21:49	1
n-Butane	**17**		1.2	0.48	ug/m3			04/16/26 21:49	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)

Lab Sample ID: MB 410-800331/7
Matrix: Air
Analysis Batch: 800331

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	1.1	U	1.1	0.24	ug/m3			04/15/26 08:46	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/15/26 08:46	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/15/26 08:46	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/15/26 08:46	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/15/26 08:46	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/15/26 08:46	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			04/15/26 08:46	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/15/26 08:46	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/15/26 08:46	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/15/26 08:46	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/15/26 08:46	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			04/15/26 08:46	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/15/26 08:46	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/15/26 08:46	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/15/26 08:46	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/15/26 08:46	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.5	ug/m3			04/15/26 08:46	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/15/26 08:46	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/15/26 08:46	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			04/15/26 08:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/15/26 08:46	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/15/26 08:46	1
Acetone	12	U	12	3.8	ug/m3			04/15/26 08:46	1
Benzene	0.64	U	0.64	0.14	ug/m3			04/15/26 08:46	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/15/26 08:46	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/15/26 08:46	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/15/26 08:46	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/15/26 08:46	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			04/15/26 08:46	1
Carbon tetrachloride	0.20	U	0.20	0.14	ug/m3			04/15/26 08:46	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/15/26 08:46	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/15/26 08:46	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/15/26 08:46	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/15/26 08:46	1
Chloroform	0.98	U	0.98	0.20	ug/m3			04/15/26 08:46	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			04/15/26 08:46	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			04/15/26 08:46	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/15/26 08:46	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			04/15/26 08:46	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/15/26 08:46	1
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			04/15/26 08:46	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			04/15/26 08:46	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			04/15/26 08:46	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/15/26 08:46	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			04/15/26 08:46	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/15/26 08:46	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/15/26 08:46	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			04/15/26 08:46	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-800331/7
Matrix: Air
Analysis Batch: 800331

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cumene	0.98	U	0.98	0.20	ug/m3			04/15/26 08:46	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			04/15/26 08:46	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			04/15/26 08:46	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/15/26 08:46	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/15/26 08:46	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/15/26 08:46	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/15/26 08:46	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			04/15/26 08:46	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/15/26 08:46	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/15/26 08:46	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			04/15/26 08:46	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/15/26 08:46	1
Toluene	0.75	U	0.75	0.16	ug/m3			04/15/26 08:46	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/15/26 08:46	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/15/26 08:46	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/15/26 08:46	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			04/15/26 08:46	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/15/26 08:46	1
N-Propylbenzene	0.98	U	0.98	0.23	ug/m3			04/15/26 08:46	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/15/26 08:46	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/15/26 08:46	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/15/26 08:46	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/15/26 08:46	1
n-Butane	1.2	U	1.2	0.48	ug/m3			04/15/26 08:46	1

Lab Sample ID: LCS 410-800331/4
Matrix: Air
Analysis Batch: 800331

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	46.9		ug/m3		86	70 - 130
1,1,2,2-Tetrachloroethane	68.7	56.0		ug/m3		82	61 - 130
1,1,2-Trichloroethane	54.6	51.2		ug/m3		94	70 - 130
1,1-Dichloroethane	40.5	37.2		ug/m3		92	70 - 130
1,1-Dichloroethene	39.6	40.3		ug/m3		102	70 - 131
1,2,4-Trichlorobenzene	74.2	59.8		ug/m3		81	52 - 143
1,2,4-Trimethylbenzene	49.2	40.7		ug/m3		83	65 - 146
1,2-Dibromoethane	76.8	67.5		ug/m3		88	70 - 130
1,2-Dichlorobenzene	60.1	49.0		ug/m3		82	61 - 139
1,2-Dichloroethane	40.5	33.4		ug/m3		83	70 - 131
1,2-Dichloropropane	46.2	39.1		ug/m3		85	70 - 130
1,3,5-Trimethylbenzene	49.2	39.6		ug/m3		81	69 - 141
1,3-Butadiene	22.1	20.4		ug/m3		92	70 - 131
1,3-Dichlorobenzene	60.1	53.7		ug/m3		89	64 - 140
1,4-Dichlorobenzene	60.1	51.6		ug/m3		86	64 - 137
1,4-Dioxane	36.0	33.5		ug/m3		93	70 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	24.7		ug/m3		84	70 - 130

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-800331/4
Matrix: Air
Analysis Batch: 800331

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	51.8	42.5		ug/m3		82	70 - 130
3-Chloropropene	31.3	28.2		ug/m3		90	70 - 137
4-Ethyltoluene	49.2	45.6		ug/m3		93	69 - 139
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	33.1		ug/m3		81	68 - 133
Methyl Butyl Ketone (2-Hexanone)	41.0	35.2		ug/m3		86	57 - 141
Acetone	23.8	20.9		ug/m3		88	70 - 137
Benzene	31.9	29.2		ug/m3		92	70 - 130
Bromodichloromethane	67.0	53.8		ug/m3		80	70 - 130
Bromoethene(Vinyl Bromide)	43.7	38.5		ug/m3		88	70 - 130
Bromoform	103	101		ug/m3		98	60 - 139
Bromomethane	38.8	35.4		ug/m3		91	70 - 140
Carbon disulfide	31.1	25.7		ug/m3		83	70 - 130
Carbon tetrachloride	62.9	51.7		ug/m3		82	70 - 130
Chlorobenzene	46.0	39.8		ug/m3		87	70 - 130
Chlorodifluoromethane	35.4	31.3		ug/m3		88	70 - 132
Chloroethane	26.4	23.0		ug/m3		87	70 - 131
Benzyl chloride	51.8	40.4		ug/m3		78	57 - 142
Chloroform	48.8	43.1		ug/m3		88	70 - 130
Chloromethane	20.7	15.6		ug/m3		75	64 - 138
cis-1,2-Dichloroethene	39.6	34.8		ug/m3		88	70 - 130
cis-1,3-Dichloropropene	45.4	39.0		ug/m3		86	70 - 130
Cyclohexane	34.4	28.1		ug/m3		82	61 - 130
Dibromochloromethane	85.2	79.1		ug/m3		93	70 - 130
Dichlorodifluoromethane	49.5	41.1		ug/m3		83	70 - 131
Ethylbenzene	43.4	37.6		ug/m3		86	70 - 130
1,1,2-Trichlorotrifluoroethane	76.6	75.7		ug/m3		99	70 - 130
1,2-Dichlorotetrafluoroethane	69.9	65.0		ug/m3		93	70 - 130
n-Heptane	41.0	36.2		ug/m3		88	70 - 130
Hexachlorobutadiene	107	88.5		ug/m3		83	40 - 157
n-Hexane	35.2	27.7		ug/m3		79	61 - 130
2,2,4-Trimethylpentane	46.7	42.5		ug/m3		91	70 - 130
Cumene	49.2	41.6		ug/m3		85	70 - 137
Isopropyl alcohol	24.6	17.7		ug/m3		72	62 - 135
m,p-Xylene	43.4	39.7		ug/m3		92	70 - 130
Methyl methacrylate	40.9	34.6		ug/m3		85	70 - 130
Methyl tert-butyl ether	36.1	30.5		ug/m3		85	70 - 130
Methylene Chloride	34.7	34.6		ug/m3		100	70 - 130
Naphthalene	60.3	46.1		ug/m3		76	22 - 139
o-Xylene	43.4	35.7		ug/m3		82	70 - 130
Styrene	42.6	36.3		ug/m3		85	70 - 133
tert-Butyl alcohol	33.6	25.8		ug/m3		77	50 - 130
Tetrachloroethene	67.8	71.4		ug/m3		105	70 - 140
Tetrahydrofuran	29.5	24.6		ug/m3		83	54 - 143
Toluene	37.7	32.8		ug/m3		87	70 - 130
trans-1,2-Dichloroethene	39.6	34.4		ug/m3		87	70 - 130
trans-1,3-Dichloropropene	45.4	41.1		ug/m3		90	70 - 130

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-800331/4
Matrix: Air
Analysis Batch: 800331

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichloroethene	53.7	51.8		ug/m3		96	70 - 130
Trichlorofluoromethane	56.2	50.5		ug/m3		90	70 - 130
Vinyl chloride	25.6	24.1		ug/m3		94	70 - 135
N-Propylbenzene	49.2	43.6		ug/m3		89	70 - 130
n-Butylbenzene	54.9	43.4		ug/m3		79	57 - 143
sec-Butylbenzene	54.9	44.9		ug/m3		82	66 - 141
tert-Butylbenzene	54.9	46.6		ug/m3		85	63 - 130
4-Isopropyltoluene	54.9	45.9		ug/m3		84	60 - 148

Lab Sample ID: LCS 410-800331/5
Matrix: Air
Analysis Batch: 800331

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	23.8	20.1		ug/m3		85	70 - 130

Lab Sample ID: 480-237626-A-6 DU
Matrix: Air
Analysis Batch: 800331

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1-Trichloroethane	1.1	U	1.1	U	ug/m3		NC	25
1,1,2,2-Tetrachloroethane	1.4	U	1.4	U	ug/m3		NC	25
1,1,2-Trichloroethane	1.1	U	1.1	U	ug/m3		NC	25
1,1-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25
1,1-Dichloroethene	0.20	U	0.20	U	ug/m3		NC	25
1,2,4-Trichlorobenzene	3.7	U	3.7	U	ug/m3		NC	25
1,2,4-Trimethylbenzene	0.98	U	0.98	U	ug/m3		NC	25
1,2-Dibromoethane	1.5	U	1.5	U	ug/m3		NC	25
1,2-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,2-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25
1,2-Dichloropropane	0.92	U	0.92	U	ug/m3		NC	25
1,3,5-Trimethylbenzene	0.98	U	0.98	U	ug/m3		NC	25
1,3-Butadiene	0.44	U	0.44	U	ug/m3		NC	25
1,3-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,4-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,4-Dioxane	18	U	18	U	ug/m3		NC	25
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	U	ug/m3		NC	25
2-Chlorotoluene	1.0	U	1.0	U	ug/m3		NC	25
3-Chloropropene	1.6	U	1.6	U	ug/m3		NC	25
4-Ethyltoluene	0.98	U	0.98	U	ug/m3		NC	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	U	ug/m3		NC	25
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	U	ug/m3		NC	25
Acetone	12	U	12	U	ug/m3		NC	25
Benzene	0.32	J	0.312	J	ug/m3		2	25
Bromodichloromethane	1.3	U	1.3	U	ug/m3		NC	25

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 480-237626-A-6 DU
Matrix: Air
Analysis Batch: 800331

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Bromoethene(Vinyl Bromide)	0.88	U		0.88	U	ug/m3				NC	25
Bromoform	2.1	U		2.1	U	ug/m3				NC	25
Bromomethane	0.78	U		0.78	U	ug/m3				NC	25
Carbon disulfide	1.6	U		1.6	U	ug/m3				NC	25
Carbon tetrachloride	0.20	U		0.20	U	ug/m3				NC	25
Chlorobenzene	0.92	U		0.92	U	ug/m3				NC	25
Chlorodifluoromethane	1.8	U		1.8	U	ug/m3				NC	25
Chloroethane	1.3	U		1.3	U	ug/m3				NC	25
Benzyl chloride	1.0	U		1.0	U	ug/m3				NC	25
Chloroform	0.98	U		0.98	U	ug/m3				NC	25
Chloromethane	1.0	U		1.0	U	ug/m3				NC	25
cis-1,2-Dichloroethene	0.20	U		0.20	U	ug/m3				NC	25
cis-1,3-Dichloropropene	0.91	U		0.91	U	ug/m3				NC	25
Cyclohexane	0.69	U		0.69	U	ug/m3				NC	25
Dibromochloromethane	1.7	U		1.7	U	ug/m3				NC	25
Dichlorodifluoromethane	2.0	J		2.16	J	ug/m3				7	25
Ethylbenzene	0.87	U		0.87	U	ug/m3				NC	25
1,1,2-Trichlorotrifluoroethane	1.5	U		1.5	U	ug/m3				NC	25
1,2-Dichlorotetrafluoroethane	1.4	U		1.4	U	ug/m3				NC	25
n-Heptane	0.82	U		0.82	U	ug/m3				NC	25
Hexachlorobutadiene	2.1	U		2.1	U	ug/m3				NC	25
n-Hexane	1.8	U		1.8	U	ug/m3				NC	25
2,2,4-Trimethylpentane	0.93	U		0.93	U	ug/m3				NC	25
Cumene	0.98	U		0.98	U	ug/m3				NC	25
Isopropyl alcohol	12	U		12	U	ug/m3				NC	25
m,p-Xylene	2.2	U		2.2	U	ug/m3				NC	25
Methyl methacrylate	2.1	U		2.1	U	ug/m3				NC	25
Methyl tert-butyl ether	0.72	U		0.72	U	ug/m3				NC	25
Methylene Chloride	1.7	U		1.7	U	ug/m3				NC	25
Naphthalene	2.0	U		2.0	U	ug/m3				NC	25
o-Xylene	0.87	U		0.87	U	ug/m3				NC	25
Styrene	0.85	U		0.85	U	ug/m3				NC	25
tert-Butyl alcohol	15	U		15	U	ug/m3				NC	25
Tetrachloroethene	3.3			3.30		ug/m3				0.4	25
Tetrahydrofuran	15	U		15	U	ug/m3				NC	25
Toluene	0.46	J		0.460	J	ug/m3				0.8	25
trans-1,2-Dichloroethene	0.79	U		0.79	U	ug/m3				NC	25
trans-1,3-Dichloropropene	0.91	U		0.91	U	ug/m3				NC	25
Trichloroethene	0.20	U		0.20	U	ug/m3				NC	25
Trichlorofluoromethane	1.1			1.16		ug/m3				4	25
Vinyl chloride	0.20	U		0.20	U	ug/m3				NC	25
N-Propylbenzene	0.98	U		0.98	U	ug/m3				NC	25
n-Butylbenzene	1.1	U		1.1	U	ug/m3				NC	25
sec-Butylbenzene	1.1	U		1.1	U	ug/m3				NC	25
tert-Butylbenzene	1.1	U		1.1	U	ug/m3				NC	25
4-Isopropyltoluene	1.1	U		1.1	U	ug/m3				NC	25
n-Butane	0.80	J		0.758	J	ug/m3				6	25

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-800887/7
Matrix: Air
Analysis Batch: 800887

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	1.1	U	1.1	0.24	ug/m3			04/15/26 20:04	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/15/26 20:04	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/15/26 20:04	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/15/26 20:04	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/15/26 20:04	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/15/26 20:04	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			04/15/26 20:04	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/15/26 20:04	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/15/26 20:04	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/15/26 20:04	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/15/26 20:04	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			04/15/26 20:04	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/15/26 20:04	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/15/26 20:04	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/15/26 20:04	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/15/26 20:04	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.5	ug/m3			04/15/26 20:04	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/15/26 20:04	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/15/26 20:04	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			04/15/26 20:04	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/15/26 20:04	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/15/26 20:04	1
Acetone	12	U	12	3.8	ug/m3			04/15/26 20:04	1
Benzene	0.64	U	0.64	0.14	ug/m3			04/15/26 20:04	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/15/26 20:04	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/15/26 20:04	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/15/26 20:04	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/15/26 20:04	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			04/15/26 20:04	1
Carbon tetrachloride	0.20	U	0.20	0.14	ug/m3			04/15/26 20:04	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/15/26 20:04	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/15/26 20:04	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/15/26 20:04	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/15/26 20:04	1
Chloroform	0.98	U	0.98	0.20	ug/m3			04/15/26 20:04	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			04/15/26 20:04	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			04/15/26 20:04	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/15/26 20:04	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			04/15/26 20:04	1
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/15/26 20:04	1
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			04/15/26 20:04	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			04/15/26 20:04	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			04/15/26 20:04	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/15/26 20:04	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			04/15/26 20:04	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/15/26 20:04	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-800887/7
Matrix: Air
Analysis Batch: 800887

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/15/26 20:04	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			04/15/26 20:04	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/15/26 20:04	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			04/15/26 20:04	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			04/15/26 20:04	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/15/26 20:04	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/15/26 20:04	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/15/26 20:04	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/15/26 20:04	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			04/15/26 20:04	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/15/26 20:04	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/15/26 20:04	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			04/15/26 20:04	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/15/26 20:04	1
Toluene	0.75	U	0.75	0.16	ug/m3			04/15/26 20:04	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/15/26 20:04	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/15/26 20:04	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/15/26 20:04	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			04/15/26 20:04	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/15/26 20:04	1
N-Propylbenzene	0.98	U	0.98	0.23	ug/m3			04/15/26 20:04	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/15/26 20:04	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/15/26 20:04	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/15/26 20:04	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/15/26 20:04	1
n-Butane	1.2	U	1.2	0.48	ug/m3			04/15/26 20:04	1

Lab Sample ID: LCS 410-800887/4
Matrix: Air
Analysis Batch: 800887

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	52.6		ug/m3		96	70 - 130
1,1,2,2-Tetrachloroethane	68.7	57.8		ug/m3		84	61 - 130
1,1,2-Trichloroethane	54.6	50.8		ug/m3		93	70 - 130
1,1-Dichloroethane	40.5	37.5		ug/m3		93	70 - 130
1,1-Dichloroethene	39.6	45.1		ug/m3		114	70 - 131
1,2,4-Trichlorobenzene	74.2	79.5		ug/m3		107	52 - 143
1,2,4-Trimethylbenzene	49.2	42.7		ug/m3		87	65 - 146
1,2-Dibromoethane	76.8	74.6		ug/m3		97	70 - 130
1,2-Dichlorobenzene	60.1	61.4		ug/m3		102	61 - 139
1,2-Dichloroethane	40.5	34.5		ug/m3		85	70 - 131
1,2-Dichloropropane	46.2	40.2		ug/m3		87	70 - 130
1,3,5-Trimethylbenzene	49.2	41.8		ug/m3		85	69 - 141
1,3-Butadiene	22.1	21.1		ug/m3		95	70 - 131
1,3-Dichlorobenzene	60.1	58.4		ug/m3		97	64 - 140
1,4-Dichlorobenzene	60.1	60.6		ug/m3		101	64 - 137
1,4-Dioxane	36.0	35.2		ug/m3		98	70 - 130

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-800887/4
Matrix: Air
Analysis Batch: 800887

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl Ethyl Ketone (2-Butanone)	29.5	27.8		ug/m3		94	70 - 130
2-Chlorotoluene	51.8	47.2		ug/m3		91	70 - 130
3-Chloropropene	31.3	27.3		ug/m3		87	70 - 137
4-Ethyltoluene	49.2	45.8		ug/m3		93	69 - 139
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	30.0		ug/m3		73	68 - 133
Methyl Butyl Ketone (2-Hexanone)	41.0	30.9		ug/m3		75	57 - 141
Acetone	23.8	18.7		ug/m3		79	70 - 137
Benzene	31.9	28.0		ug/m3		88	70 - 130
Bromodichloromethane	67.0	60.9		ug/m3		91	70 - 130
Bromoethene(Vinyl Bromide)	43.7	44.7		ug/m3		102	70 - 130
Bromoform	103	111		ug/m3		107	60 - 139
Bromomethane	38.8	42.1		ug/m3		108	70 - 140
Carbon disulfide	31.1	24.0		ug/m3		77	70 - 130
Carbon tetrachloride	62.9	62.4		ug/m3		99	70 - 130
Chlorobenzene	46.0	42.0		ug/m3		91	70 - 130
Chlorodifluoromethane	35.4	32.5		ug/m3		92	70 - 132
Chloroethane	26.4	21.3		ug/m3		81	70 - 131
Benzyl chloride	51.8	56.6		ug/m3		109	57 - 142
Chloroform	48.8	47.8		ug/m3		98	70 - 130
Chloromethane	20.7	15.1		ug/m3		73	64 - 138
cis-1,2-Dichloroethene	39.6	37.7		ug/m3		95	70 - 130
cis-1,3-Dichloropropene	45.4	39.2		ug/m3		86	70 - 130
Cyclohexane	34.4	29.1		ug/m3		85	61 - 130
Dibromochloromethane	85.2	85.5		ug/m3		100	70 - 130
Dichlorodifluoromethane	49.5	47.7		ug/m3		97	70 - 131
Ethylbenzene	43.4	39.3		ug/m3		91	70 - 130
1,1,2-Trichlorotrifluoroethane	76.6	77.8		ug/m3		101	70 - 130
1,2-Dichlorotetrafluoroethane	69.9	64.5		ug/m3		92	70 - 130
n-Heptane	41.0	35.8		ug/m3		87	70 - 130
Hexachlorobutadiene	107	114		ug/m3		107	40 - 157
n-Hexane	35.2	31.7		ug/m3		90	61 - 130
2,2,4-Trimethylpentane	46.7	43.9		ug/m3		94	70 - 130
Cumene	49.2	42.8		ug/m3		87	70 - 137
Isopropyl alcohol	24.6	21.4		ug/m3		87	62 - 135
m,p-Xylene	43.4	41.6		ug/m3		96	70 - 130
Methyl methacrylate	40.9	33.7		ug/m3		82	70 - 130
Methyl tert-butyl ether	36.1	34.2		ug/m3		95	70 - 130
Methylene Chloride	34.7	36.0		ug/m3		104	70 - 130
Naphthalene	60.3	54.8		ug/m3		91	22 - 139
o-Xylene	43.4	37.7		ug/m3		87	70 - 130
Styrene	42.6	38.5		ug/m3		90	70 - 133
tert-Butyl alcohol	33.6	27.5		ug/m3		82	50 - 130
Tetrachloroethene	67.8	66.5		ug/m3		98	70 - 140
Tetrahydrofuran	29.5	24.9		ug/m3		84	54 - 143
Toluene	37.7	34.1		ug/m3		90	70 - 130

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-800887/4
Matrix: Air
Analysis Batch: 800887

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,2-Dichloroethene	39.6	39.1		ug/m3		99	70 - 130
trans-1,3-Dichloropropene	45.4	44.3		ug/m3		98	70 - 130
Trichloroethene	53.7	57.0		ug/m3		106	70 - 130
Trichlorofluoromethane	56.2	52.7		ug/m3		94	70 - 130
Vinyl chloride	25.6	25.0		ug/m3		98	70 - 135
N-Propylbenzene	49.2	45.3		ug/m3		92	70 - 130
n-Butylbenzene	54.9	50.8		ug/m3		93	57 - 143
sec-Butylbenzene	54.9	49.7		ug/m3		91	66 - 141
tert-Butylbenzene	54.9	53.4		ug/m3		97	63 - 130
4-Isopropyltoluene	54.9	50.7		ug/m3		92	60 - 148

Lab Sample ID: LCS 410-800887/5
Matrix: Air
Analysis Batch: 800887

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	23.8	21.2		ug/m3		89	70 - 130

Lab Sample ID: 460-348691-A-1 DU
Matrix: Air
Analysis Batch: 800887

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1-Trichloroethane	1.1	U	1.1	U	ug/m3		NC	25
1,1,2,2-Tetrachloroethane	1.4	U	1.4	U	ug/m3		NC	25
1,1,2-Trichloroethane	1.1	U	1.1	U	ug/m3		NC	25
1,1-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25
1,1-Dichloroethene	0.20	U	0.20	U	ug/m3		NC	25
1,2,4-Trichlorobenzene	3.7	U	3.7	U	ug/m3		NC	25
1,2,4-Trimethylbenzene	0.98	U	0.98	U	ug/m3		NC	25
1,2-Dibromoethane	1.5	U	1.5	U	ug/m3		NC	25
1,2-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,2-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25
1,2-Dichloropropane	0.92	U	0.92	U	ug/m3		NC	25
1,3,5-Trimethylbenzene	0.98	U	0.98	U	ug/m3		NC	25
1,3-Butadiene	0.44	U	0.44	U	ug/m3		NC	25
1,3-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,4-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,4-Dioxane	18	U	18	U	ug/m3		NC	25
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.54		ug/m3		NC	25
2-Chlorotoluene	1.0	U	1.0	U	ug/m3		NC	25
3-Chloropropene	1.6	U	1.6	U	ug/m3		NC	25
4-Ethyltoluene	0.98	U	0.98	U	ug/m3		NC	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	U	ug/m3		NC	25
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	U	ug/m3		NC	25
Acetone	11	J	10.2	J	ug/m3		7	25

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 460-348691-A-1 DU
Matrix: Air
Analysis Batch: 800887

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Benzene	0.50	J		0.461	J	ug/m3				8	25
Bromodichloromethane	1.3	U		1.3	U	ug/m3				NC	25
Bromoethene(Vinyl Bromide)	0.88	U		0.88	U	ug/m3				NC	25
Bromoform	2.1	U		2.1	U	ug/m3				NC	25
Bromomethane	0.78	U		0.78	U	ug/m3				NC	25
Carbon disulfide	1.6	U		1.6	U	ug/m3				NC	25
Carbon tetrachloride	0.20	U		0.20	U	ug/m3				NC	25
Chlorobenzene	0.92	U		0.92	U	ug/m3				NC	25
Chlorodifluoromethane	1.8	U		1.8	U	ug/m3				NC	25
Chloroethane	1.3	U		1.3	U	ug/m3				NC	25
Benzyl chloride	1.0	U		1.0	U	ug/m3				NC	25
Chloroform	0.98	U		0.98	U	ug/m3				NC	25
Chloromethane	0.34	J		0.518	J F5	ug/m3				41	25
cis-1,2-Dichloroethene	0.20	U		0.20	U	ug/m3				NC	25
cis-1,3-Dichloropropene	0.91	U		0.91	U	ug/m3				NC	25
Cyclohexane	0.18	J		0.326	J F5	ug/m3				60	25
Dibromochloromethane	1.7	U		1.7	U	ug/m3				NC	25
Dichlorodifluoromethane	2.5			2.27	J	ug/m3				8	25
Ethylbenzene	0.87	U		0.87	U	ug/m3				NC	25
1,1,2-Trichlorotrifluoroethane	0.65	J		0.445	J F5	ug/m3				38	25
1,2-Dichlorotetrafluoroethane	1.4	U		1.4	U	ug/m3				NC	25
n-Heptane	0.82	U		0.82	U	ug/m3				NC	25
Hexachlorobutadiene	2.1	U		2.1	U	ug/m3				NC	25
n-Hexane	1.4	J		1.61	J	ug/m3				14	25
2,2,4-Trimethylpentane	0.41	J		0.380	J	ug/m3				6	25
Cumene	0.98	U		0.98	U	ug/m3				NC	25
Isopropyl alcohol	12	U		12	U	ug/m3				NC	25
m,p-Xylene	2.2	U		2.2	U	ug/m3				NC	25
Methyl methacrylate	2.1	U		2.1	U	ug/m3				NC	25
Methyl tert-butyl ether	0.72	U		0.72	U	ug/m3				NC	25
Methylene Chloride	1.6	J		1.69	J	ug/m3				4	25
Naphthalene	2.0	U		2.0	U	ug/m3				NC	25
o-Xylene	0.87	U		0.87	U	ug/m3				NC	25
Styrene	0.85	U		0.85	U	ug/m3				NC	25
tert-Butyl alcohol	15	U		15	U	ug/m3				NC	25
Tetrachloroethene	1.4			1.32	J	ug/m3				8	25
Tetrahydrofuran	15	U		15	U	ug/m3				NC	25
Toluene	1.0			1.05		ug/m3				3	25
trans-1,2-Dichloroethene	0.79	U		0.79	U	ug/m3				NC	25
trans-1,3-Dichloropropene	0.91	U		0.91	U	ug/m3				NC	25
Trichloroethene	0.20	U		0.20	U	ug/m3				NC	25
Trichlorofluoromethane	1.3			1.26		ug/m3				5	25
Vinyl chloride	0.20	U		0.20	U	ug/m3				NC	25
N-Propylbenzene	0.98	U		0.98	U	ug/m3				NC	25
n-Butylbenzene	1.1	U		1.1	U	ug/m3				NC	25
sec-Butylbenzene	2.1			2.15		ug/m3				1	25
tert-Butylbenzene	1.1	U		1.1	U	ug/m3				NC	25

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 460-348691-A-1 DU
Matrix: Air
Analysis Batch: 800887

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
4-Isopropyltoluene	1.1	U		1.1	U	ug/m3				NC	25
n-Butane	3.7			3.68		ug/m3				0.2	25

Lab Sample ID: MB 410-801224/7
Matrix: Air
Analysis Batch: 801224

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	1.1	U	1.1	0.24	ug/m3			04/16/26 10:52	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			04/16/26 10:52	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			04/16/26 10:52	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			04/16/26 10:52	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			04/16/26 10:52	1
1,2,4-Trichlorobenzene	3.7	U	3.7	0.38	ug/m3			04/16/26 10:52	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			04/16/26 10:52	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			04/16/26 10:52	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			04/16/26 10:52	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			04/16/26 10:52	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			04/16/26 10:52	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			04/16/26 10:52	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			04/16/26 10:52	1
1,3-Dichlorobenzene	1.2	U	1.2	0.45	ug/m3			04/16/26 10:52	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			04/16/26 10:52	1
1,4-Dioxane	18	U	18	0.17	ug/m3			04/16/26 10:52	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.5	ug/m3			04/16/26 10:52	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			04/16/26 10:52	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			04/16/26 10:52	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			04/16/26 10:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U	2.1	0.53	ug/m3			04/16/26 10:52	1
Methyl Butyl Ketone (2-Hexanone)	2.1	U	2.1	0.62	ug/m3			04/16/26 10:52	1
Acetone	12	U	12	3.8	ug/m3			04/16/26 10:52	1
Benzene	0.64	U	0.64	0.14	ug/m3			04/16/26 10:52	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			04/16/26 10:52	1
Bromoethene(Vinyl Bromide)	0.88	U	0.88	0.22	ug/m3			04/16/26 10:52	1
Bromoform	2.1	U	2.1	1.2	ug/m3			04/16/26 10:52	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			04/16/26 10:52	1
Carbon disulfide	1.6	U	1.6	0.41	ug/m3			04/16/26 10:52	1
Carbon tetrachloride	0.20	U	0.20	0.14	ug/m3			04/16/26 10:52	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			04/16/26 10:52	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			04/16/26 10:52	1
Chloroethane	1.3	U	1.3	0.48	ug/m3			04/16/26 10:52	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			04/16/26 10:52	1
Chloroform	0.98	U	0.98	0.20	ug/m3			04/16/26 10:52	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			04/16/26 10:52	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			04/16/26 10:52	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			04/16/26 10:52	1
Cyclohexane	0.69	U	0.69	0.11	ug/m3			04/16/26 10:52	1

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: MB 410-801224/7
Matrix: Air
Analysis Batch: 801224

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	1.7	U	1.7	0.13	ug/m3			04/16/26 10:52	1
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			04/16/26 10:52	1
Ethylbenzene	0.87	U	0.87	0.23	ug/m3			04/16/26 10:52	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			04/16/26 10:52	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			04/16/26 10:52	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			04/16/26 10:52	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			04/16/26 10:52	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			04/16/26 10:52	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			04/16/26 10:52	1
Cumene	0.98	U	0.98	0.20	ug/m3			04/16/26 10:52	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			04/16/26 10:52	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			04/16/26 10:52	1
Methyl methacrylate	2.1	U	2.1	0.57	ug/m3			04/16/26 10:52	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			04/16/26 10:52	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			04/16/26 10:52	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			04/16/26 10:52	1
o-Xylene	0.87	U	0.87	0.23	ug/m3			04/16/26 10:52	1
Styrene	0.85	U	0.85	0.25	ug/m3			04/16/26 10:52	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			04/16/26 10:52	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			04/16/26 10:52	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			04/16/26 10:52	1
Toluene	0.75	U	0.75	0.16	ug/m3			04/16/26 10:52	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			04/16/26 10:52	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			04/16/26 10:52	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			04/16/26 10:52	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			04/16/26 10:52	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			04/16/26 10:52	1
N-Propylbenzene	0.98	U	0.98	0.23	ug/m3			04/16/26 10:52	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			04/16/26 10:52	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			04/16/26 10:52	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			04/16/26 10:52	1
4-Isopropyltoluene	1.1	U	1.1	0.34	ug/m3			04/16/26 10:52	1
n-Butane	1.2	U	1.2	0.48	ug/m3			04/16/26 10:52	1

Lab Sample ID: LCS 410-801224/4
Matrix: Air
Analysis Batch: 801224

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	53.5		ug/m3		98	70 - 130
1,1,2,2-Tetrachloroethane	68.7	58.5		ug/m3		85	61 - 130
1,1,2-Trichloroethane	54.6	52.9		ug/m3		97	70 - 130
1,1-Dichloroethane	40.5	44.2		ug/m3		109	70 - 130
1,1-Dichloroethene	39.6	50.1		ug/m3		126	70 - 131
1,2,4-Trichlorobenzene	74.2	78.7		ug/m3		106	52 - 143
1,2,4-Trimethylbenzene	49.2	44.4		ug/m3		90	65 - 146
1,2-Dibromoethane	76.8	77.2		ug/m3		101	70 - 130
1,2-Dichlorobenzene	60.1	58.6		ug/m3		98	61 - 139

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-801224/4
Matrix: Air
Analysis Batch: 801224

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	40.5	32.2		ug/m3		80	70 - 131
1,2-Dichloropropane	46.2	42.6		ug/m3		92	70 - 130
1,3,5-Trimethylbenzene	49.2	44.7		ug/m3		91	69 - 141
1,3-Butadiene	22.1	25.0		ug/m3		113	70 - 131
1,3-Dichlorobenzene	60.1	57.7		ug/m3		96	64 - 140
1,4-Dichlorobenzene	60.1	58.5		ug/m3		97	64 - 137
1,4-Dioxane	36.0	34.6		ug/m3		96	70 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	36.2		ug/m3		123	70 - 130
2-Chlorotoluene	51.8	50.5		ug/m3		98	70 - 130
3-Chloropropene	31.3	30.3		ug/m3		97	70 - 137
4-Ethyltoluene	49.2	45.6		ug/m3		93	69 - 139
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	32.9		ug/m3		80	68 - 133
Methyl Butyl Ketone (2-Hexanone)	41.0	31.0		ug/m3		76	57 - 141
Acetone	23.8	21.3		ug/m3		90	70 - 137
Benzene	31.9	29.7		ug/m3		93	70 - 130
Bromodichloromethane	67.0	63.5		ug/m3		95	70 - 130
Bromoethene(Vinyl Bromide)	43.7	55.1		ug/m3		126	70 - 130
Bromoform	103	108		ug/m3		104	60 - 139
Bromomethane	38.8	52.7		ug/m3		136	70 - 140
Carbon disulfide	31.1	32.8		ug/m3		105	70 - 130
Carbon tetrachloride	62.9	61.4		ug/m3		98	70 - 130
Chlorobenzene	46.0	43.5		ug/m3		94	70 - 130
Chlorodifluoromethane	35.4	36.3		ug/m3		103	70 - 132
Chloroethane	26.4	23.9		ug/m3		91	70 - 131
Benzyl chloride	51.8	60.0		ug/m3		116	57 - 142
Chloroform	48.8	50.8		ug/m3		104	70 - 130
Chloromethane	20.7	17.6		ug/m3		85	64 - 138
cis-1,2-Dichloroethene	39.6	42.7		ug/m3		108	70 - 130
cis-1,3-Dichloropropene	45.4	42.7		ug/m3		94	70 - 130
Cyclohexane	34.4	34.5		ug/m3		100	61 - 130
Dibromochloromethane	85.2	86.2		ug/m3		101	70 - 130
Dichlorodifluoromethane	49.5	52.3		ug/m3		106	70 - 131
Ethylbenzene	43.4	38.7		ug/m3		89	70 - 130
1,1,2-Trichlorotrifluoroethane	76.6	85.2		ug/m3		111	70 - 130
1,2-Dichlorotetrafluoroethane	69.9	74.9		ug/m3		107	70 - 130
n-Heptane	41.0	38.3		ug/m3		93	70 - 130
Hexachlorobutadiene	107	115		ug/m3		108	40 - 157
n-Hexane	35.2	32.3		ug/m3		92	61 - 130
2,2,4-Trimethylpentane	46.7	51.9		ug/m3		111	70 - 130
Cumene	49.2	46.0		ug/m3		93	70 - 137
Isopropyl alcohol	24.6	25.4		ug/m3		104	62 - 135
m,p-Xylene	43.4	42.6		ug/m3		98	70 - 130
Methyl methacrylate	40.9	40.9		ug/m3		100	70 - 130
Methyl tert-butyl ether	36.1	37.1		ug/m3		103	70 - 130
Methylene Chloride	34.7	38.6		ug/m3		111	70 - 130

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: LCS 410-801224/4
Matrix: Air
Analysis Batch: 801224

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	60.8	53.2		ug/m3		87	22 - 139
o-Xylene	43.4	39.1		ug/m3		90	70 - 130
Styrene	42.6	40.6		ug/m3		95	70 - 133
tert-Butyl alcohol	33.6	31.0		ug/m3		92	50 - 130
Tetrachloroethene	67.8	66.9		ug/m3		99	70 - 140
Tetrahydrofuran	29.5	27.3		ug/m3		93	54 - 143
Toluene	37.7	35.1		ug/m3		93	70 - 130
trans-1,2-Dichloroethene	39.6	41.3		ug/m3		104	70 - 130
trans-1,3-Dichloropropene	45.4	45.8		ug/m3		101	70 - 130
Trichloroethene	53.7	60.5		ug/m3		113	70 - 130
Trichlorofluoromethane	56.2	54.9		ug/m3		98	70 - 130
Vinyl chloride	25.6	31.4		ug/m3		123	70 - 135
N-Propylbenzene	49.2	45.8		ug/m3		93	70 - 130
n-Butylbenzene	54.9	51.1		ug/m3		93	57 - 143
sec-Butylbenzene	54.9	51.5		ug/m3		94	66 - 141
tert-Butylbenzene	54.9	53.3		ug/m3		97	63 - 130
4-Isopropyltoluene	54.9	52.6		ug/m3		96	60 - 148

Lab Sample ID: LCS 410-801224/5
Matrix: Air
Analysis Batch: 801224

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
n-Butane	23.8	25.6		ug/m3		108	70 - 130

Lab Sample ID: 460-348658-7 DU
Matrix: Air
Analysis Batch: 801224

Client Sample ID: DUP_040826
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,1,1-Trichloroethane	1.1	U	1.1	U	ug/m3		NC	25
1,1,2,2-Tetrachloroethane	1.4	U	1.4	U	ug/m3		NC	25
1,1,2-Trichloroethane	1.1	U	1.1	U	ug/m3		NC	25
1,1-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25
1,1-Dichloroethene	0.20	U	0.20	U	ug/m3		NC	25
1,2,4-Trichlorobenzene	3.7	U	3.7	U	ug/m3		NC	25
1,2,4-Trimethylbenzene	5.3		5.26		ug/m3		1	25
1,2-Dibromoethane	1.5	U	1.5	U	ug/m3		NC	25
1,2-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,2-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25
1,2-Dichloropropane	0.92	U	0.92	U	ug/m3		NC	25
1,3,5-Trimethylbenzene	1.7		1.76		ug/m3		2	25
1,3-Butadiene	0.44	U	0.44	U	ug/m3		NC	25
1,3-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,4-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,4-Dioxane	18	U	18	U	ug/m3		NC	25
Methyl Ethyl Ketone (2-Butanone)	3.5		3.65		ug/m3		4	25

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 460-348658-7 DU
Client Sample ID: DUP_040826
Matrix: Air
Prep Type: Total/NA
Analysis Batch: 801224

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2-Chlorotoluene	1.0	U		1.0	U	ug/m3				NC	25
3-Chloropropene	1.6	U		1.6	U	ug/m3				NC	25
4-Ethyltoluene	2.1			2.08		ug/m3				0	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1	U		2.1	U	ug/m3				NC	25
Methyl Butyl Ketone (2-Hexanone)	2.1	U		2.1	U	ug/m3				NC	25
Acetone	77			76.7		ug/m3				0.6	25
Benzene	0.36	J		0.356	J	ug/m3				0.8	25
Bromodichloromethane	1.3	U		1.3	U	ug/m3				NC	25
Bromoethene(Vinyl Bromide)	0.88	U		0.88	U	ug/m3				NC	25
Bromoform	2.1	U		2.1	U	ug/m3				NC	25
Bromomethane	0.78	U		0.78	U	ug/m3				NC	25
Carbon disulfide	1.6	U		1.6	U	ug/m3				NC	25
Carbon tetrachloride	0.48			0.465		ug/m3				4	25
Chlorobenzene	0.92	U		0.92	U	ug/m3				NC	25
Chlorodifluoromethane	4.1			3.96		ug/m3				3	25
Chloroethane	1.3	U		1.3	U	ug/m3				NC	25
Benzyl chloride	1.0	U		1.0	U	ug/m3				NC	25
Chloroform	0.31	J		0.300	J	ug/m3				4	25
Chloromethane	1.0	U		0.346	J	ug/m3				NC	25
cis-1,2-Dichloroethene	0.27			0.912	F3	ug/m3				107	25
cis-1,3-Dichloropropene	0.91	U		0.91	U	ug/m3				NC	25
Cyclohexane	0.64	J		0.632	J	ug/m3				1	25
Dibromochloromethane	1.7	U		1.7	U	ug/m3				NC	25
Dichlorodifluoromethane	3.2			3.27		ug/m3				0.6	25
Ethylbenzene	1.8			1.83		ug/m3				0.6	25
1,1,2-Trichlorotrifluoroethane	0.58	J		0.623	J	ug/m3				7	25
1,2-Dichlorotetrafluoroethane	1.4	U		1.4	U	ug/m3				NC	25
n-Heptane	0.55	J		0.543	J	ug/m3				2	25
Hexachlorobutadiene	2.1	U		2.1	U	ug/m3				NC	25
n-Hexane	1.8	U		1.8	U	ug/m3				NC	25
2,2,4-Trimethylpentane	0.30	J		0.334	J	ug/m3				11	25
Cumene	0.98	U		0.98	U	ug/m3				NC	25
Isopropyl alcohol	4.7	J		4.77	J	ug/m3				1	25
m,p-Xylene	6.9			6.90		ug/m3				0.5	25
Methyl methacrylate	2.1	U		2.1	U	ug/m3				NC	25
Methyl tert-butyl ether	0.72	U		0.72	U	ug/m3				NC	25
Methylene Chloride	0.73	J		0.692	J	ug/m3				5	25
Naphthalene	2.0	U		2.0	U	ug/m3				NC	25
o-Xylene	1.4			1.31		ug/m3				5	25
Styrene	0.50	J		0.484	J	ug/m3				4	25
tert-Butyl alcohol	15	U		15	U	ug/m3				NC	25
Tetrachloroethene	1.4	U		1.4	U	ug/m3				NC	25
Tetrahydrofuran	15	U		15	U	ug/m3				NC	25
Toluene	0.49	J		0.498	J	ug/m3				2	25
trans-1,2-Dichloroethene	0.79	U		0.79	U	ug/m3				NC	25
trans-1,3-Dichloropropene	0.91	U		0.91	U	ug/m3				NC	25

Method: TO 15 LL - Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS) (Continued)

Lab Sample ID: 460-348658-7 DU
Matrix: Air
Analysis Batch: 801224

Client Sample ID: DUP_040826
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Trichloroethene	0.55			1.03	F3	ug/m3				60	25
Trichlorofluoromethane	2.3			2.30		ug/m3				0.2	25
Vinyl chloride	0.20	U		0.20	U	ug/m3				NC	25
N-Propylbenzene	1.2			1.16		ug/m3				0.6	25
n-Butylbenzene	1.1	U		1.1	U	ug/m3				NC	25
sec-Butylbenzene	1.1	U		1.1	U	ug/m3				NC	25
tert-Butylbenzene	1.1	U		1.1	U	ug/m3				NC	25
4-Isopropyltoluene	0.55	J		1.1	U	ug/m3				NC	25
n-Butane	38			38.6		ug/m3				0.3	25

Air - GC/MS VOA

Analysis Batch: 800331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-348658-9	IA-15	Total/NA	Air	TO 15 LL	
460-348658-11	IA-1	Total/NA	Air	TO 15 LL	
460-348658-13	AMB-1	Total/NA	Air	TO 15 LL	
460-348658-16	IA-3	Total/NA	Air	TO 15 LL	
460-348658-17	IA-13	Total/NA	Air	TO 15 LL	
460-348658-18	IA-8R	Total/NA	Air	TO 15 LL	
460-348658-19	IA-6	Total/NA	Air	TO 15 LL	
MB 410-800331/7	Method Blank	Total/NA	Air	TO 15 LL	
LCS 410-800331/4	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCS 410-800331/5	Lab Control Sample	Total/NA	Air	TO 15 LL	
480-237626-A-6 DU	Duplicate	Total/NA	Air	TO 15 LL	

Analysis Batch: 800887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-348658-1	V-3	Total/NA	Air	TO 15 LL	
460-348658-3	MP-15	Total/NA	Air	TO 15 LL	
460-348658-4	MP-3	Total/NA	Air	TO 15 LL	
460-348658-5	MP-1	Total/NA	Air	TO 15 LL	
MB 410-800887/7	Method Blank	Total/NA	Air	TO 15 LL	
LCS 410-800887/4	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCS 410-800887/5	Lab Control Sample	Total/NA	Air	TO 15 LL	
460-348691-A-1 DU	Duplicate	Total/NA	Air	TO 15 LL	

Analysis Batch: 801224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-348658-3 - DL	MP-15	Total/NA	Air	TO 15 LL	
460-348658-4 - RA	MP-3	Total/NA	Air	TO 15 LL	
460-348658-5 - RA	MP-1	Total/NA	Air	TO 15 LL	
460-348658-6	MP-13	Total/NA	Air	TO 15 LL	
460-348658-6 - DL	MP-13	Total/NA	Air	TO 15 LL	
460-348658-7	DUP_040826	Total/NA	Air	TO 15 LL	
460-348658-12	MP-6	Total/NA	Air	TO 15 LL	
460-348658-14	EP-1	Total/NA	Air	TO 15 LL	
460-348658-15	MP-8R	Total/NA	Air	TO 15 LL	
460-348658-20	EP-2	Total/NA	Air	TO 15 LL	
MB 410-801224/7	Method Blank	Total/NA	Air	TO 15 LL	
LCS 410-801224/4	Lab Control Sample	Total/NA	Air	TO 15 LL	
LCS 410-801224/5	Lab Control Sample	Total/NA	Air	TO 15 LL	
460-348658-7 DU	DUP_040826	Total/NA	Air	TO 15 LL	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: V-3

Lab Sample ID: 460-348658-1

Date Collected: 04/08/26 13:53
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	800887	JXC9	ELLE	04/16/26 08:10

Client Sample ID: MP-15

Lab Sample ID: 460-348658-3

Date Collected: 04/08/26 16:11
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	800887	JXC9	ELLE	04/16/26 08:38
Total/NA	Analysis	TO 15 LL	DL	40	801224	D7UM	ELLE	04/16/26 22:38

Client Sample ID: MP-3

Lab Sample ID: 460-348658-4

Date Collected: 04/08/26 15:53
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	800887	JXC9	ELLE	04/16/26 09:06
Total/NA	Analysis	TO 15 LL	RA	1	801224	D7UM	ELLE	04/16/26 19:45

Client Sample ID: MP-1

Lab Sample ID: 460-348658-5

Date Collected: 04/08/26 16:45
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	800887	JXC9	ELLE	04/16/26 12:00
Total/NA	Analysis	TO 15 LL	RA	1	801224	D7UM	ELLE	04/16/26 19:14

Client Sample ID: MP-13

Lab Sample ID: 460-348658-6

Date Collected: 04/08/26 16:58
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	801224	D7UM	ELLE	04/16/26 20:18
Total/NA	Analysis	TO 15 LL	DL	10	801224	D7UM	ELLE	04/17/26 00:25

Client Sample ID: DUP_040826

Lab Sample ID: 460-348658-7

Date Collected: 04/08/26 14:50
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	801224	D7UM	ELLE	04/17/26 00:02

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Client Sample ID: IA-15
Lab Sample ID: 460-348658-9
Date Collected: 04/08/26 16:10
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	800331	D7UM	ELLE	04/15/26 18:29

Client Sample ID: IA-1
Lab Sample ID: 460-348658-11
Date Collected: 04/08/26 14:50
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	800331	D7UM	ELLE	04/15/26 18:57

Client Sample ID: MP-6
Lab Sample ID: 460-348658-12
Date Collected: 04/08/26 16:29
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		500	801224	D7UM	ELLE	04/17/26 07:18

Client Sample ID: AMB-1
Lab Sample ID: 460-348658-13
Date Collected: 04/08/26 14:21
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	800331	D7UM	ELLE	04/15/26 19:26

Client Sample ID: EP-1
Lab Sample ID: 460-348658-14
Date Collected: 04/08/26 14:15
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	801224	D7UM	ELLE	04/16/26 21:19

Client Sample ID: MP-8R
Lab Sample ID: 460-348658-15
Date Collected: 04/08/26 16:50
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	801224	D7UM	ELLE	04/17/26 06:04

Client Sample ID: IA-3
Lab Sample ID: 460-348658-16
Date Collected: 04/08/26 15:49
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	800331	D7UM	ELLE	04/15/26 19:55

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-348658-1
Project/Site: Shrub Oak BCP Site (AIR)

Client Sample ID: IA-13
Lab Sample ID: 460-348658-17
Date Collected: 04/08/26 16:20
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	800331	D7UM	ELLE	04/15/26 20:23

Client Sample ID: IA-8R
Lab Sample ID: 460-348658-18
Date Collected: 04/08/26 16:50
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	800331	D7UM	ELLE	04/15/26 20:52

Client Sample ID: IA-6
Lab Sample ID: 460-348658-19
Date Collected: 04/08/26 16:16
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	800331	D7UM	ELLE	04/15/26 21:21

Client Sample ID: EP-2
Lab Sample ID: 460-348658-20
Date Collected: 04/08/26 15:29
Matrix: Air
Date Received: 04/11/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO 15 LL		1	801224	D7UM	ELLE	04/16/26 21:49

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: 460-348658-1
Project/Site: Shrub Oak BCP Site (AIR)

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	04-01-27

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 LL		Air	4-Ethyltoluene
TO 15 LL		Air	4-Isopropyltoluene
TO 15 LL		Air	Chlorodifluoromethane
TO 15 LL		Air	Methyl Butyl Ketone (2-Hexanone)
TO 15 LL		Air	n-Butane
TO 15 LL		Air	n-Butylbenzene
TO 15 LL		Air	N-Propylbenzene
TO 15 LL		Air	sec-Butylbenzene
TO 15 LL		Air	tert-Butylbenzene
TO 15 LL		Air	Tetrahydrofuran

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-348658-1
Project/Site: Shrub Oak BCP Site (AIR)

Method	Method Description	Protocol	Laboratory
TO 15 LL	Volatile Organic Compounds in Ambient Air, Low Concentration (GC/MS)	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

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job ID: 460-348658-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-348658-1	V-3	Air	04/08/26 13:53	04/11/26 10:10	Air Canister (6-Liter) #262
460-348658-3	MP-15	Air	04/08/26 16:11	04/11/26 10:10	Air Canister (6-Liter) #1463
460-348658-4	MP-3	Air	04/08/26 15:53	04/11/26 10:10	Air Canister (6-Liter) #1782
460-348658-5	MP-1	Air	04/08/26 16:45	04/11/26 10:10	Air Canister (6-Liter) #1510
460-348658-6	MP-13	Air	04/08/26 16:58	04/11/26 10:10	Air Canister (6-Liter) #3380
460-348658-7	DUP_040826	Air	04/08/26 14:50	04/11/26 10:10	Air Canister (6-Liter) #1788
460-348658-9	IA-15	Air	04/08/26 16:10	04/11/26 10:10	Air Canister (6-Liter) #1394
460-348658-11	IA-1	Air	04/08/26 14:50	04/11/26 10:10	Air Canister (6-Liter) #4427
460-348658-12	MP-6	Air	04/08/26 16:29	04/11/26 10:10	Air Canister (6-Liter) #1448
460-348658-13	AMB-1	Air	04/08/26 14:21	04/11/26 10:10	Air Canister (6-Liter) #866
460-348658-14	EP-1	Air	04/08/26 14:15	04/11/26 10:10	Air Canister (6-Liter) #3160
460-348658-15	MP-8R	Air	04/08/26 16:50	04/11/26 10:10	Air Canister (6-Liter) #879
460-348658-16	IA-3	Air	04/08/26 15:49	04/11/26 10:10	Air Canister (6-Liter) #2670
460-348658-17	IA-13	Air	04/08/26 16:20	04/11/26 10:10	Air Canister (6-Liter) #4795
460-348658-18	IA-8R	Air	04/08/26 16:50	04/11/26 10:10	Air Canister (6-Liter) #1789
460-348658-19	IA-6	Air	04/08/26 16:16	04/11/26 10:10	Air Canister (6-Liter) #1958
460-348658-20	EP-2	Air	04/08/26 15:29	04/11/26 10:10	Air Canister (6-Liter) #4717

Summa Canister Field Test Data/Chain of Custody

460-348658 Chain of Custody

For Eurofins Lancaster Laboratories Environmental use only

Lot # _____ Group # _____ Sample # _____ Bottle Order (SCR) # 207072

Client Information

Client: Roux | Account #:

Project Name/#: Shrub Oak

Project Manager: Rachel Fenwick | P.O. #: 3950.0001.Y060

Sampler: BW | 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) Start	Temperature (F) Stop	Pressure ("Hg) Start	Pressure ("Hg) 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 ☐ MTBE ☐ BTEX	EPA 25 (select range below)	Helium as tracer	O2/CO2	Library Search
V-3	4/8/26 1146	4/8/26 1353	-29	-6			~~5219~~ A439058	262	6	~~9.8~~	X					
EXTRA CAN							A593023	1287	6	10.4						
MP-15	4/8/26 0910	4/8/26 1611	-29	-6			5227	1463	6	10.4	X					
MP-3	0830	1553	-29	-6			5202	1782	6	10.4						
MP-1	0842	1643	-30	-6			4521	1516	6	10.7						
MP-13	1108	1658	-29	-1.5			4770	3380	6	10.3						
DUP_040826	0841	1450	-30	-6			A439014	1788	6	10.5						
EXTRA CAN							2794	1823	6	10.2						
IA-15	4/8/26 0909	4/8/26 1610	-29	-6			3384	1394	6	10.5	X					
EXTRA CAN							3175	3326	6	10.7						
IA-1	4/8/26 0841	4/8/26 1450	-29	-5			3753	4427	6	10.7	X					

Elmsford 242

Instructions/QC Requirements & Comments

EPA 25 (check one): ☐ C1 - C4 ☐ C2 - C10 ☐ C1 - C10 ☐ C4 - C10 (GRO) ☐ C2 - C4

Relinquished by	Date/Time	Received by	Date/Time
Canisters Shipped by: 2R123548	11:45 3/23/26	Canisters Received by:	
BW			4/8/26
ETA 4-8-26 1700			
ETA 4-9-26 1700			
			4/10/26 10:10

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7056 1015

Summa Canister Field Test Data/Chain of Custody

eurofins | Lancaster Laboratories Environmental

For Eurofins Lancaster Laboratories Environmental use only

Acct. # _____ Group # _____ Sample # _____ Bottle Order (SCR) # 207072

Client Information

Client _____ Account # _____

Project Name/# _____

Project Manager _____ P.O. # _____

Sampler _____ Quote # _____

Name of state where samples were collected _____

Turnaround Time Requested (TAT) (circle one)

Standard Rush (specify) _____

Data Package Required? Yes No

EDD Required? Yes No

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

Analyses Requested

EPA TO - 15 | EPA 18 ☐ MTBE ☐ BTEX | EPA 25 (select range below) | Helium as tracer | O2/CO2 | Library Search

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)
MP-6	4/8/26 0917	4/8/26 1629	-30	-6			-3171	1448	6	10.6
AMB-1	0847	1421	-30	-5			27025	866	6	10.5
EP-1	~~1116~~ na	1415	-29	-5			~~2844943~~ A736004	3160'	6	~~10.4~~
MP-8R	1018	1650	-30	-10			A766002	879	6	10.4
IA-3	0831	1549	-29	-6			A731022	2670	6	10.4
IA-13	0855	1620	-30	-6			A942014	4795	6	10.3
IA-8R	1020	1650	-30	-10			4499	1789	6	10.5
IA-6	0913	1616	-29	-6			A818010	1958	6	10.6
EP-2	4/8/26 1126	↓ 1529	-30	-5			3937'	4717	6	42.9

Elmsford 272

Instructions/QC Requirements & Comments

EPA 25 (check one) ☐ C1 - C4 ☐ C2 - C10 ☐ C1 - C10 ☐ C4 - C10 (GRO) ☐ C2 - C4

Canisters Shipped by: 2R123548	Date/Time: 11:46 3/23/26	Canisters Received by:	Date/Time:	Relinquished by:	Date/Time: 4/8/26	Received by: ETA 4-8-26 1700	Date/Time:
Relinquished by: ETA 4-9-26 1700	Date/Time:	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: 4/10/26 1010

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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

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-348658-1

Login Number: 348658

List Source: Eurofins Edison

List Number: 1

Creator: Nelson, Rose E

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-348658-1

Login Number: 348658
List Number: 2
Creator: Bui, Anthony

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 04/14/26 10:21 AM

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	Received project as a subcontract.
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	

Summa Canister Dilution Worksheet

Client: Roux Environmental Eng & Geology DPC
Project/Site: Shrub Oak BCP Site (AIR)

Job No.: 460-348658-1

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
460-348658-1	6	-4.11	0.86	5.18	10.58	1.72	10.32		1.99	1.99		04/15/26 10:47	L2TN
460-348658-3	6	-4.39	0.85	5.12	10.32	1.70	10.21		1.99	1.99		04/15/26 10:48	L2TN
460-348658-4	6	-5.69	0.81	4.86	9.06	1.62	9.70		2.00	2.00		04/15/26 10:48	L2TN
460-348658-5	6	-2.53	0.92	5.49	12.12	1.82	10.95		1.99	1.99		04/15/26 10:49	L2TN
460-348658-6	6	-10.52	0.65	3.89	9.12	1.62	9.72		2.50	2.50		04/15/26 10:49	L2TN
460-348658-7	6	-4.68	0.84	5.06	10.0	1.68	10.08		1.99	1.99		04/15/26 10:49	L2TN
460-348658-9	6	-5.76	0.81	4.84	8.96	1.61	9.66		1.99	1.99		04/15/26 10:50	L2TN
460-348658-11	6	3.48	1.12	6.70	17.99	2.22	13.34		1.99	1.99		04/15/26 10:50	L2TN
460-348658-12	6	-5.64	0.81	4.87	8.93	1.61	9.64		1.98	1.98		04/15/26 10:59	L2TN
460-348658-13	6	-2.54	0.92	5.49	12.10	1.82	10.94		1.99	1.99		04/15/26 11:00	L2TN
460-348658-14	6	-3.62	0.88	5.27	11.01	1.75	10.49		1.99	1.99		04/15/26 11:00	L2TN
460-348658-15	6	-8.04	0.73	4.39	6.67	1.45	8.72		1.99	1.99		04/15/26 11:01	L2TN
460-348658-16	6	-4.71	0.84	5.06	9.98	1.68	10.07		1.99	1.99		04/15/26 11:01	L2TN
460-348658-17	6	-5.04	0.83	4.99	9.65	1.66	9.94		1.99	1.99		04/15/26 11:06	L2TN
460-348658-18	6	-8.87	0.70	4.22	5.94	1.40	8.42		2.00	2.00		04/15/26 11:06	L2TN
460-348658-19	6	-5.87	0.80	4.82	8.84	1.60	9.61		1.99	1.99		04/15/26 11:07	L2TN
460-348658-20	6	-4.26	0.86	5.15	10.43	1.71	10.26		1.99	1.99		04/15/26 11:07	L2TN

Summa Canister Dilution Worksheet

Client: Roux Environmental Eng & Geology DPC
Job No.: 460-348658-1
Project/Site: Shrub Oak BCP Site (AIR)

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.: 410-271307-1

SDG No.:

Client Sample ID: 1394 Lab Sample ID: 410-271307-1

Matrix: Air Lab File ID: 10M19X23.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 23:01

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 1394 Lab Sample ID: 410-271307-1

Matrix: Air Lab File ID: 10M19X23.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 23:01

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 1394 Lab Sample ID: 410-271307-1

Matrix: Air Lab File ID: 10M19X23.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 23:01

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	3.0	cn	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	2.2	J *+	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\HP4RA38\20260318-179351.b\10M19X23.D
Lims ID: 410-271307-A-1
Client ID: 1394
Sample Type: Client
Inject. Date: 19-Mar-2026 23:01:08 ALS Bottle#: 17 Worklist Smp#: 22
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1394
Misc. Info.: 410-0179351-022
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 18:15:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	1.609	1.638	0.000	13	1261	0.1663	M
14 Ethanol	45	3.085	3.085	0.000	99	6729	2.20	M
23 Acetone	43	3.601	3.608	0.007	99	11140	0.7099	M
17 Carbon disulfide	76	3.672	3.672	0.000	95	3656	0.0959	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	53269	3.01	
28 Acetonitrile	41	4.081	4.073	0.007	99	5015	0.6875	M
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	135842	10.0	
* 50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	551107	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	524277	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

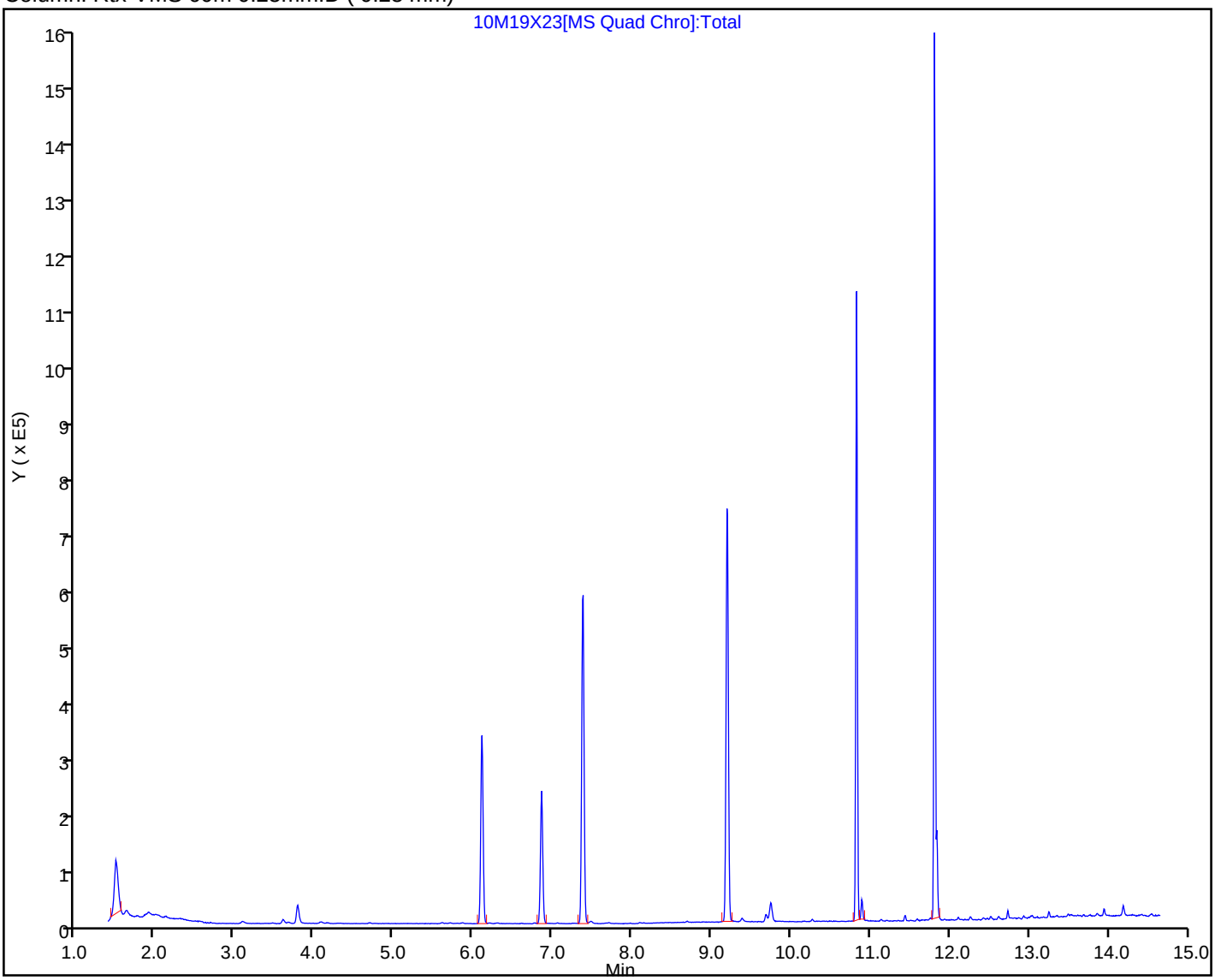
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:23 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X23.D				
Injection Date:	19-Mar-2026 23:01:08	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-1	Lab Sample ID:	410-271307-1		
Client ID:	1394				
Operator ID:	cv118168	ALS Bottle#:	17	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

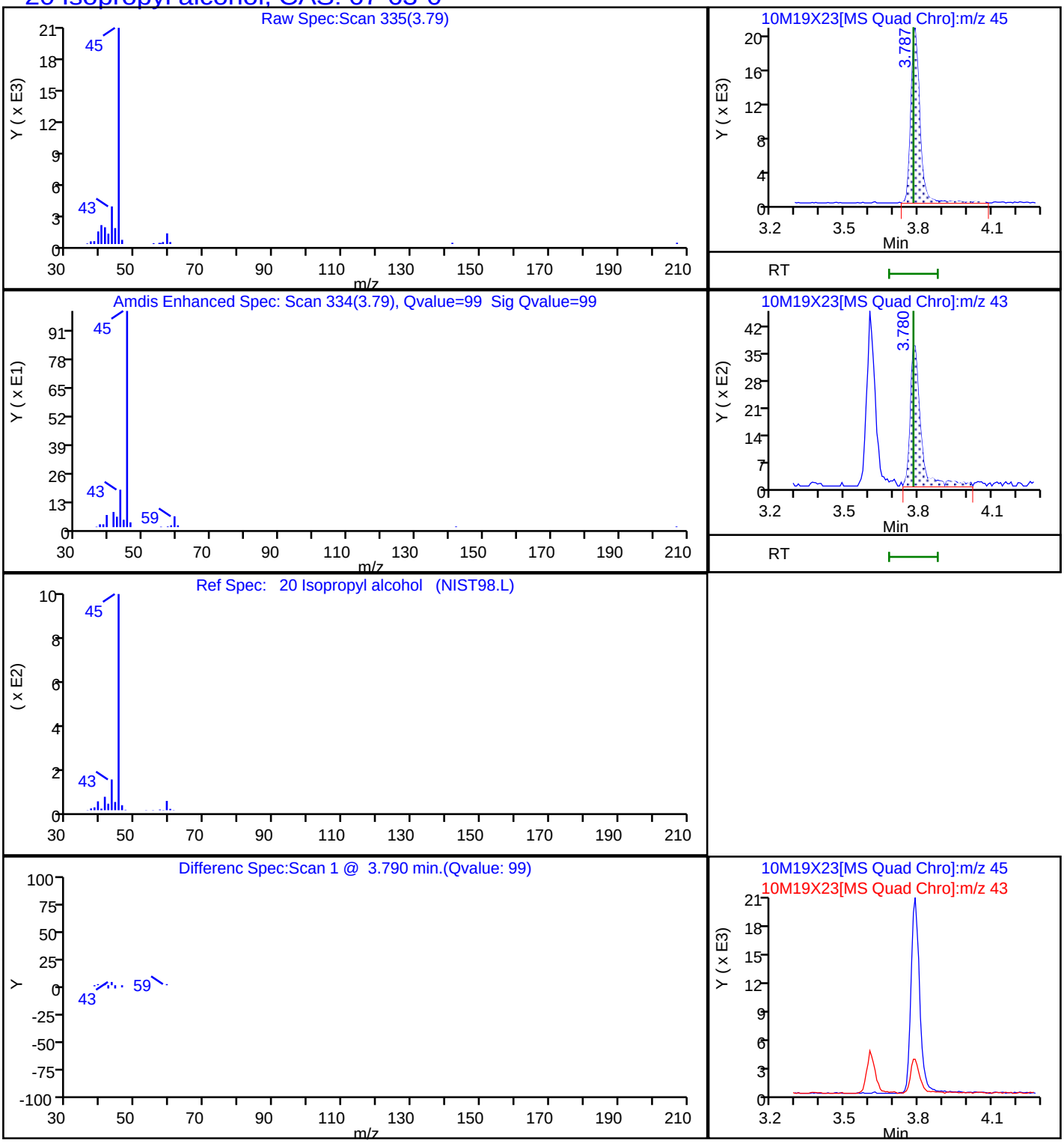


Report Date: 20-Mar-2026 20:38:23 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X23.D				
Injection Date:	19-Mar-2026 23:01:08	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-1	Lab Sample ID:	410-271307-1		
Client ID:	1394				
Operator ID:	cv118168	ALS Bottle#:	17	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

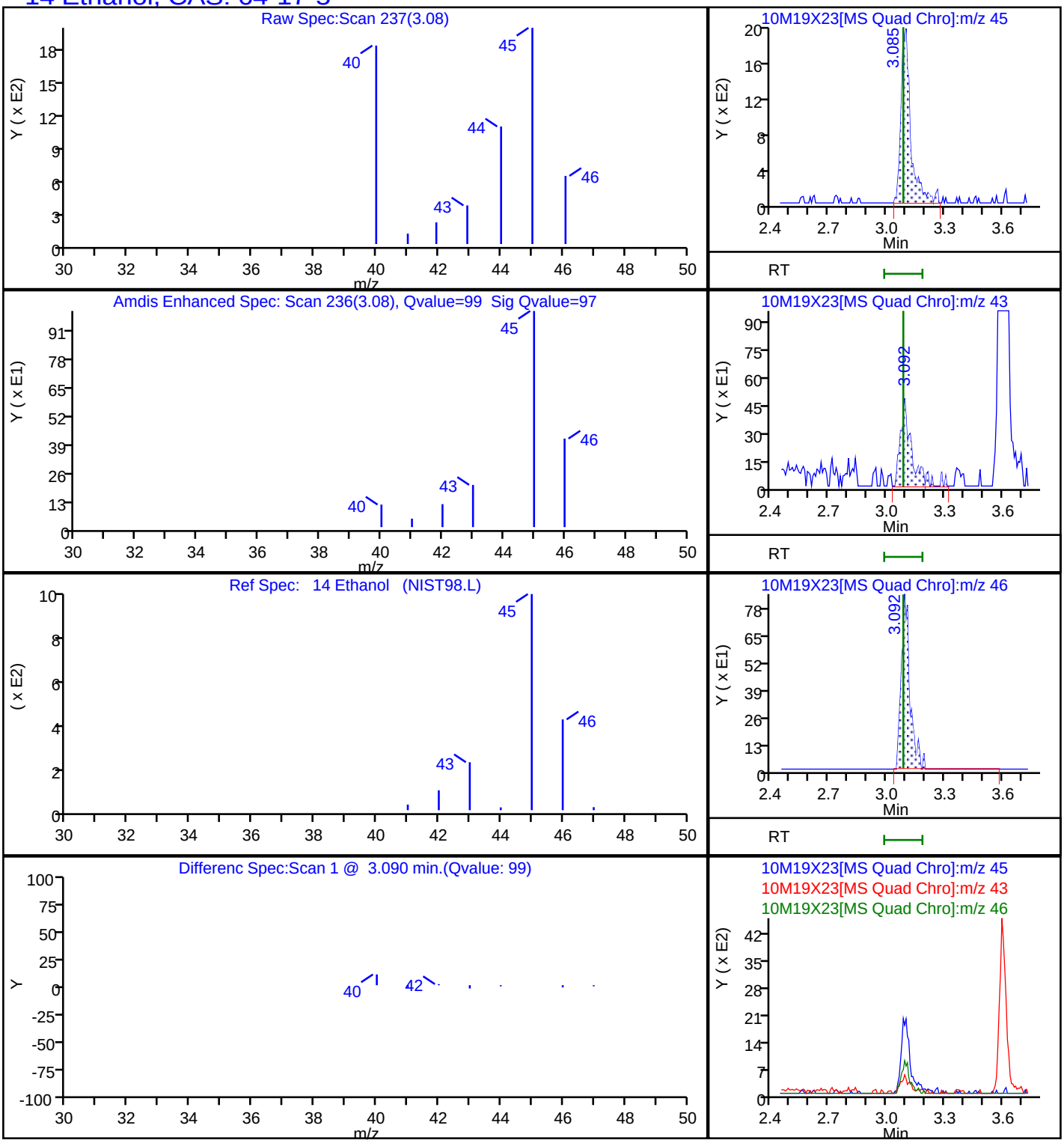


Report Date: 20-Mar-2026 20:38:23 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X23.D				
Injection Date:	19-Mar-2026 23:01:08	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-1	Lab Sample ID:	410-271307-1		
Client ID:	1394				
Operator ID:	cv118168	ALS Bottle#:	17	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

14 Ethanol, CAS: 64-17-5



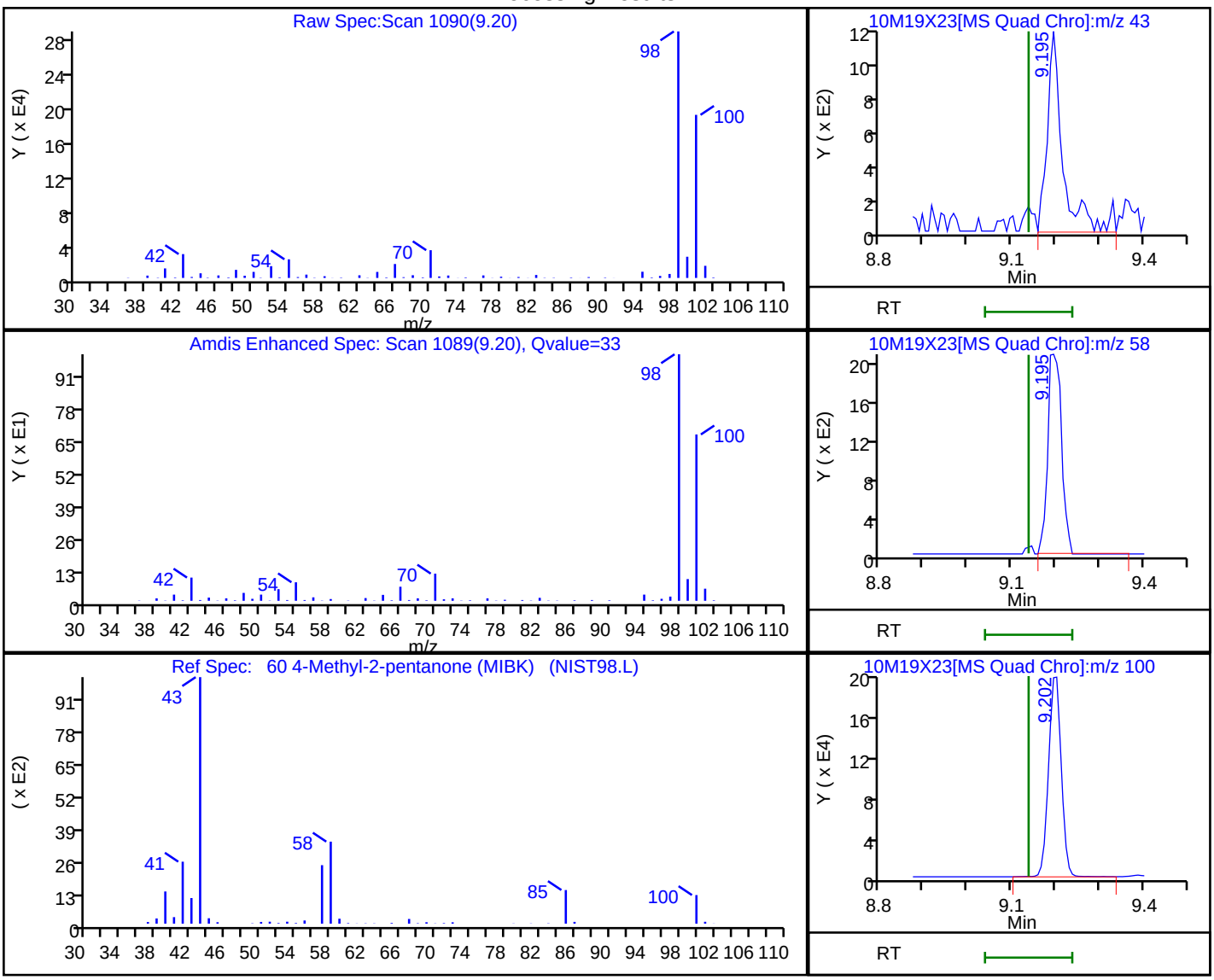
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X23.D				
Injection Date:	19-Mar-2026 23:01:08	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-1	Lab Sample ID:	410-271307-1		
Client ID:	1394				
Operator ID:	cv118168	ALS Bottle#:	17	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.20	43.00	2748	0.106358
9.20	58.00	4436	
9.20	100.00	388922	

Reviewer: XU8K, 20-Mar-2026 18:13:48 -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

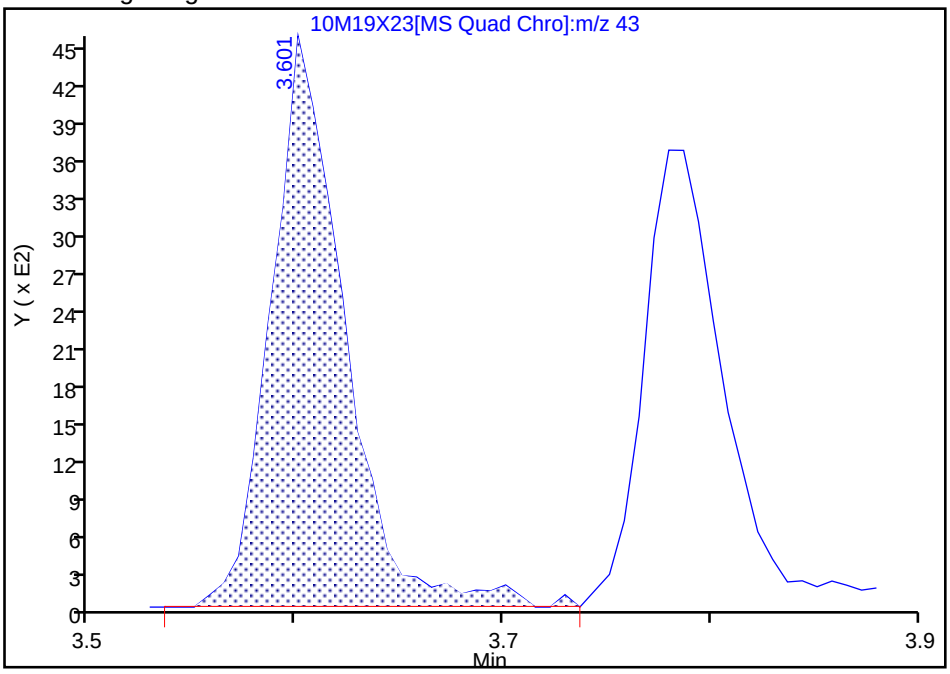
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X23.D				
Injection Date:	19-Mar-2026 23:01:08	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-1	Lab Sample ID:	410-271307-1		
Client ID:	1394				
Operator ID:	cv118168	ALS Bottle#:	17	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetone, CAS: 67-64-1

Signal: 1

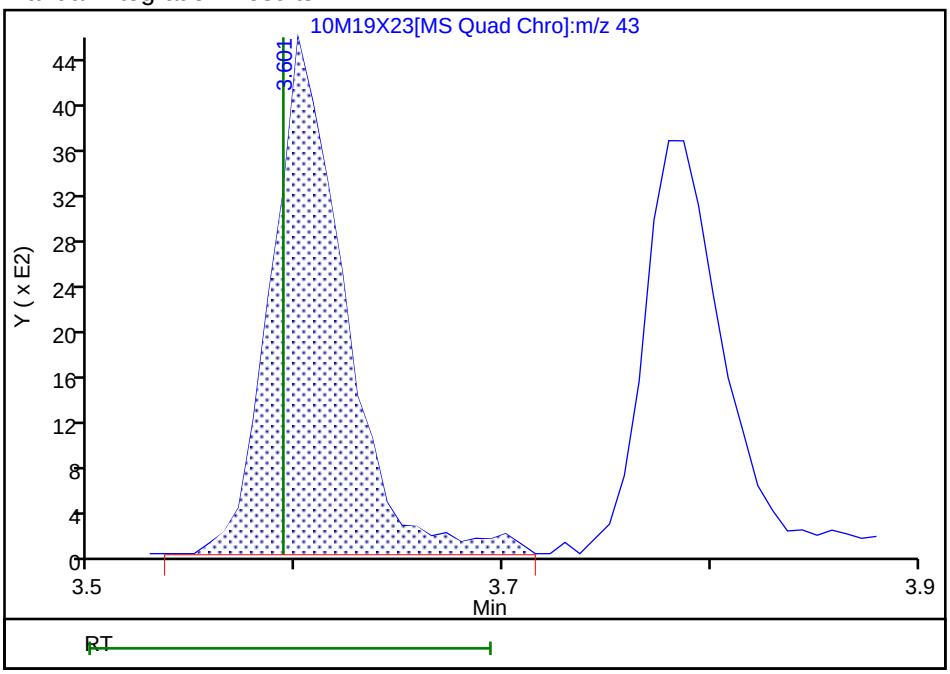
Processing Integration Results

RT: 3.60
Area: 11183
Amount: 0.712689
Amount Units: ppb v/v



Manual Integration Results

RT: 3.60
Area: 11140
Amount: 0.709948
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:13:13 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

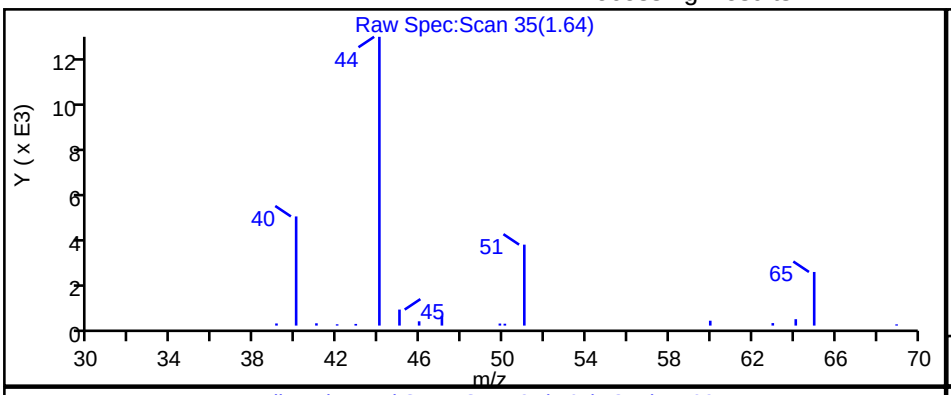
User Disabled Compound Report

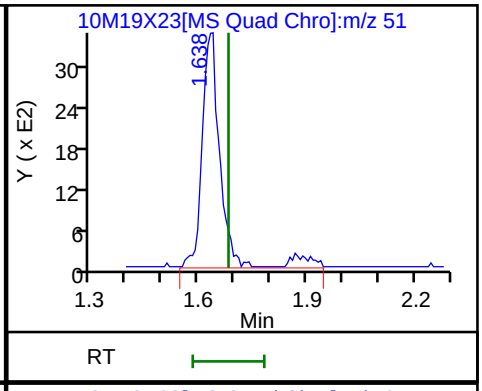
Eurofins Lancaster Laboratories Environment Testing, LLC

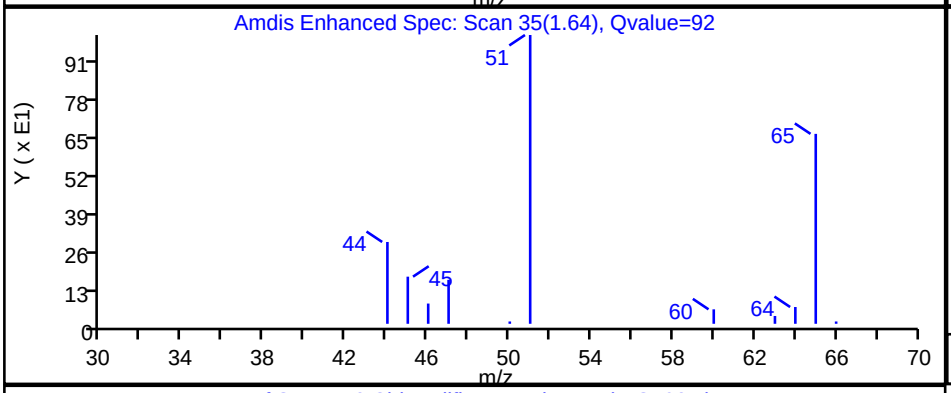
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X23.D				
Injection Date:	19-Mar-2026 23:01:08	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-1	Lab Sample ID:	410-271307-1		
Client ID:	1394				
Operator ID:	cv118168	ALS Bottle#:	17	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

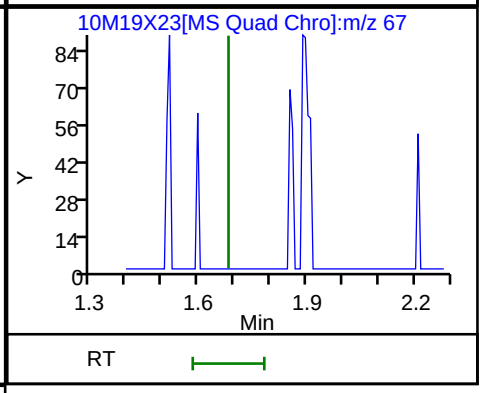
3 Chlorodifluoromethane, CAS: 75-45-6

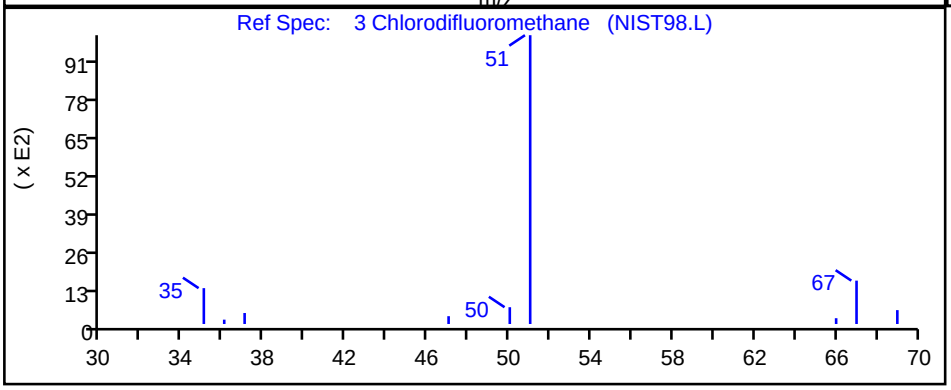
Processing Results











RT	Mass	Response	Amount
1.64	51.00	12166	0.831866
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 18:12:48 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

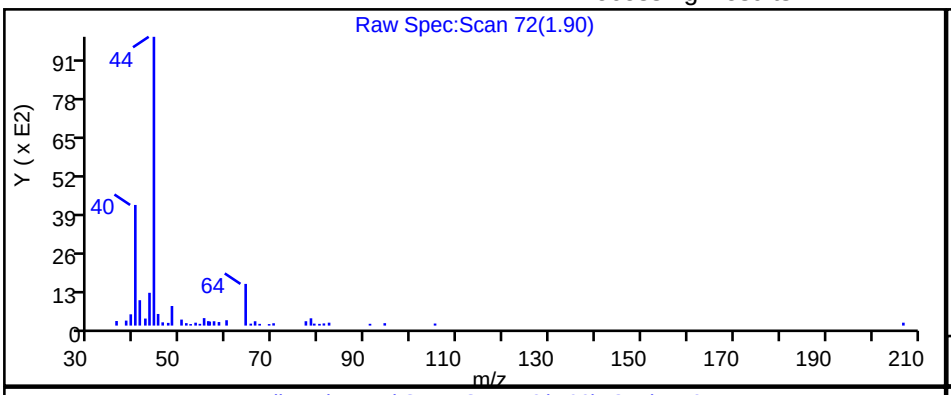
User Disabled Compound Report

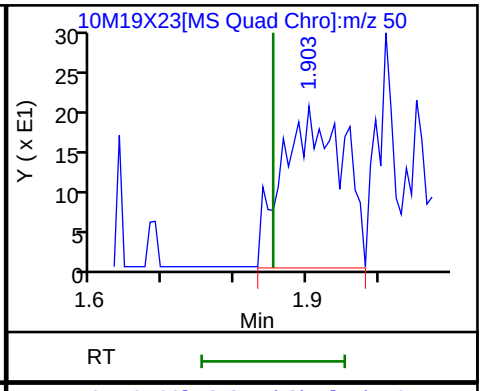
Eurofins Lancaster Laboratories Environment Testing, LLC

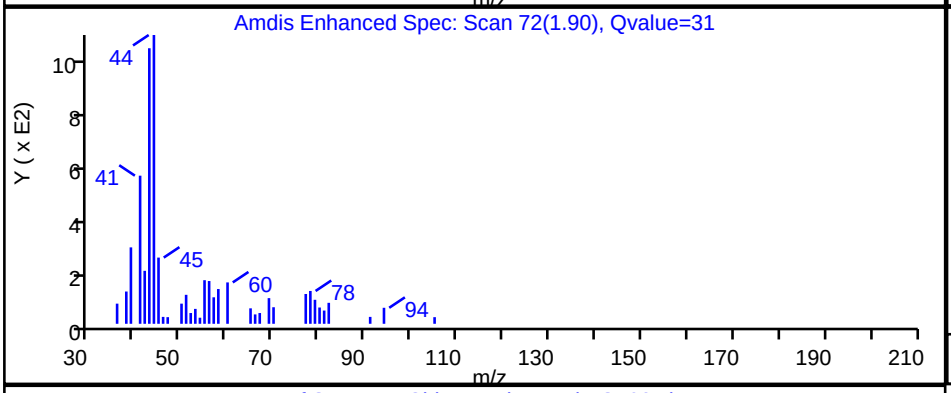
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X23.D				
Injection Date:	19-Mar-2026 23:01:08	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-1	Lab Sample ID:	410-271307-1		
Client ID:	1394				
Operator ID:	cv118168	ALS Bottle#:	17	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

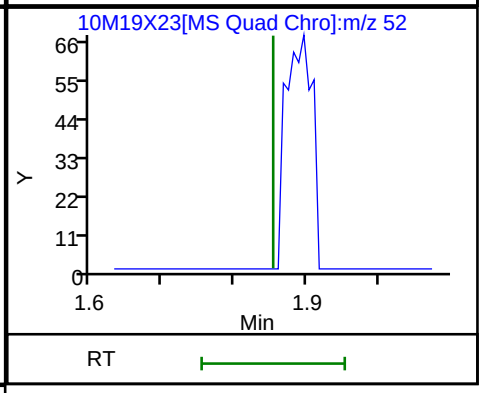
5 Chloromethane, CAS: 74-87-3

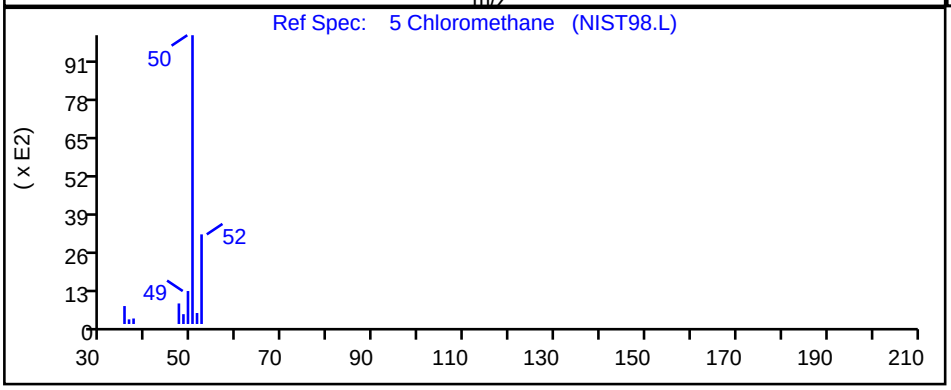
Processing Results











RT	Mass	Response	Amount
1.90	50.00	1191	0.130124
1.85	52.00	0	

Reviewer: XU8K, 20-Mar-2026 18:12:57 -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

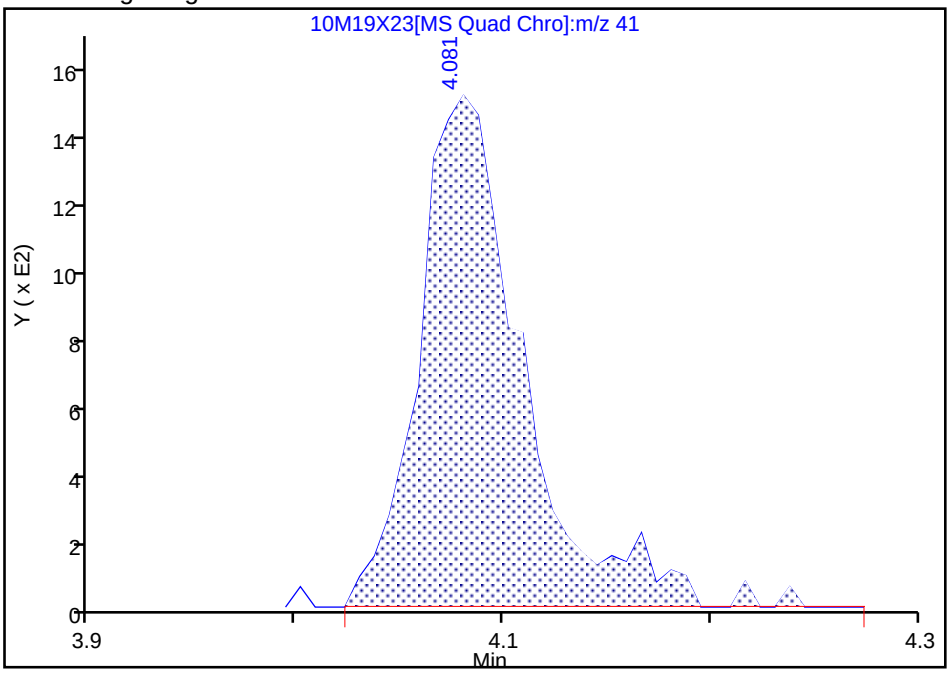
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X23.D				
Injection Date:	19-Mar-2026 23:01:08	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-1	Lab Sample ID:	410-271307-1		
Client ID:	1394				
Operator ID:	cv118168	ALS Bottle#:	17	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

28 Acetonitrile, CAS: 75-05-8

Signal: 1

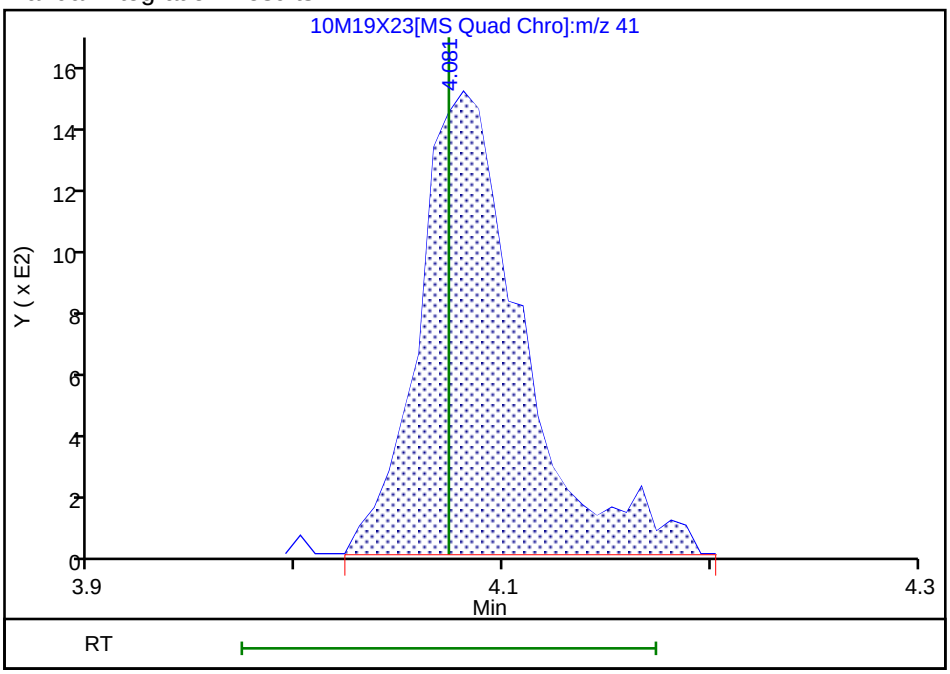
Processing Integration Results

RT: 4.08
Area: 5071
Amount: 0.695158
Amount Units: ppb v/v



Manual Integration Results

RT: 4.08
Area: 5015
Amount: 0.687482
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:13:31 -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

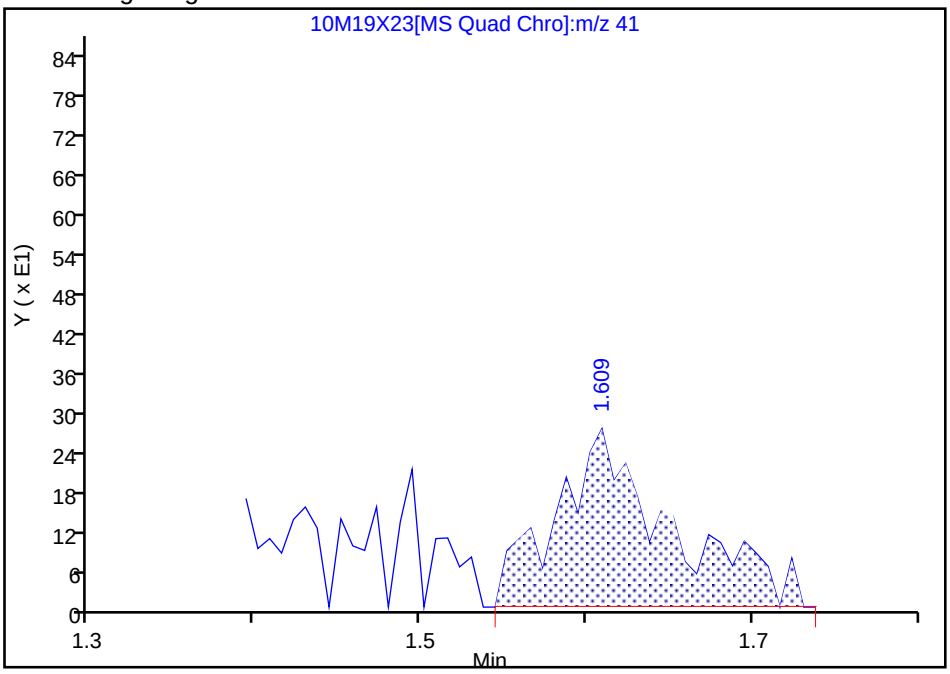
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X23.D				
Injection Date:	19-Mar-2026 23:01:08	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-1	Lab Sample ID:	410-271307-1		
Client ID:	1394				
Operator ID:	cv118168	ALS Bottle#:	17	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

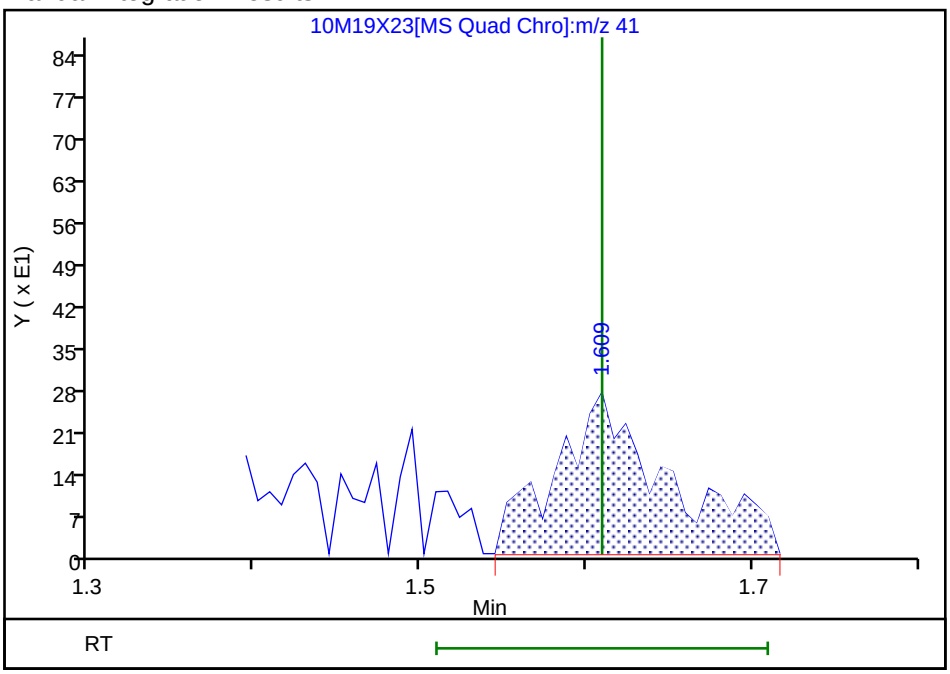
Processing Integration Results

RT: 1.61
Area: 1293
Amount: 0.170542
Amount Units: ppb v/v



Manual Integration Results

RT: 1.61
Area: 1261
Amount: 0.166322
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:12:38 -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

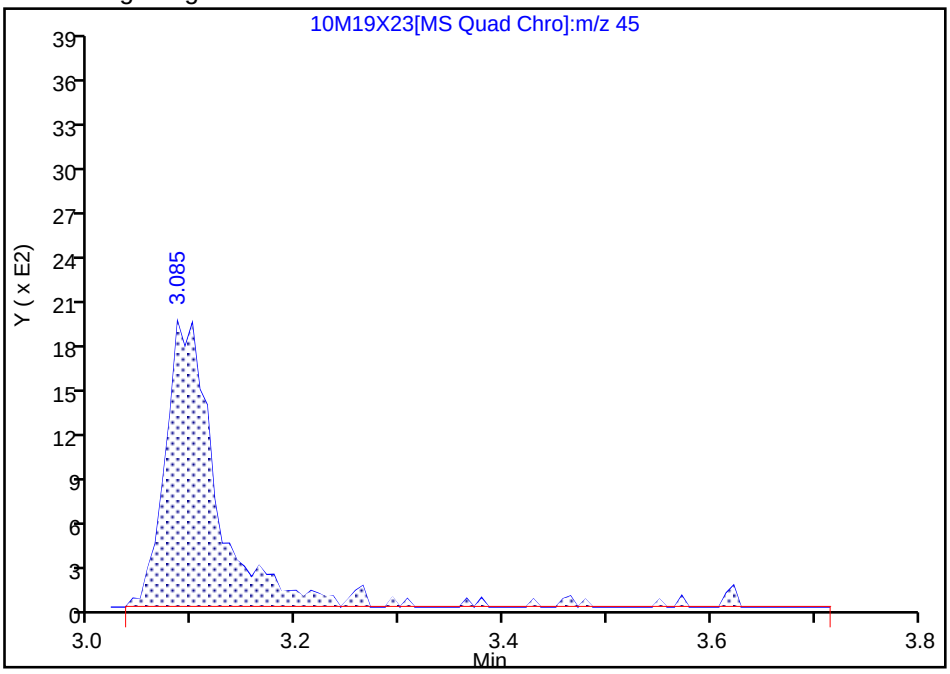
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X23.D				
Injection Date:	19-Mar-2026 23:01:08	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-1	Lab Sample ID:	410-271307-1		
Client ID:	1394				
Operator ID:	cv118168	ALS Bottle#:	17	Worklist Smp#:	22
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

14 Ethanol, CAS: 64-17-5

Signal: 1

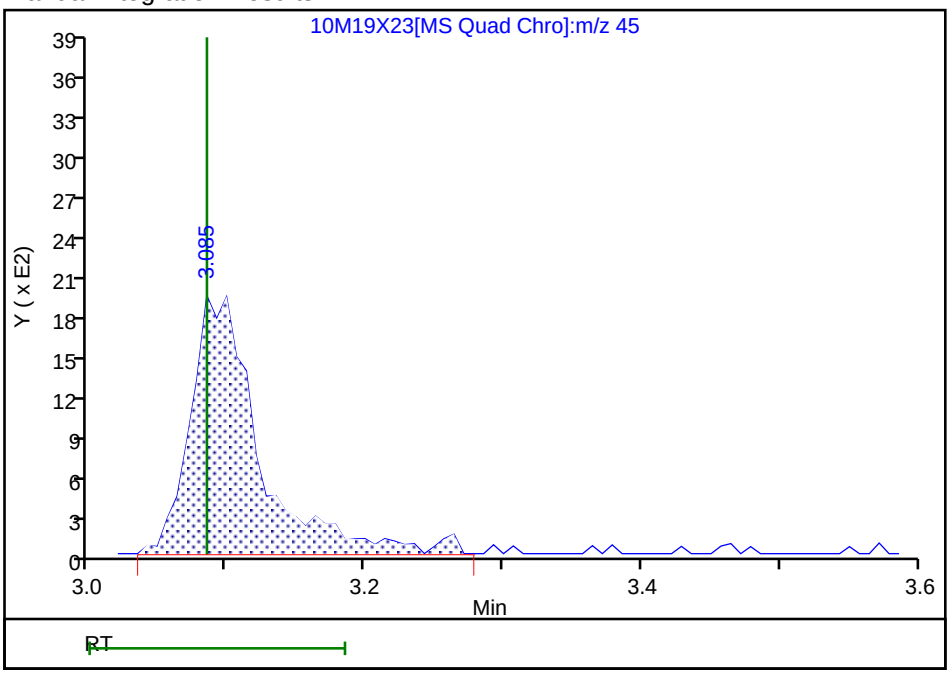
Processing Integration Results

RT: 3.08
Area: 7105
Amount: 2.324016
Amount Units: ppb v/v



Manual Integration Results

RT: 3.08
Area: 6729
Amount: 2.201028
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:13:04 -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.: 410-271307-1

SDG No.:

Client Sample ID: 3326 Lab Sample ID: 410-271307-2

Matrix: Air Lab File ID: 10M19X24.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 23:25

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 3326 Lab Sample ID: 410-271307-2

Matrix: Air Lab File ID: 10M19X24.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 23:25

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 3326 Lab Sample ID: 410-271307-2

Matrix: Air Lab File ID: 10M19X24.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 23:25

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	4.3	cn	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	0.95	J *+	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	2.8	J *+ cn	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\HP4RA38\20260318-179351.b\10M19X24.D
Lims ID: 410-271307-A-2
Client ID: 3326
Sample Type: Client
Inject. Date: 19-Mar-2026 23:25:11 ALS Bottle#: 18 Worklist Smp#: 23
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc3326
Misc. Info.: 410-0179351-023
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 18:18:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
14 Ethanol	45	3.099	3.085	0.014	98	8792	2.83	M
23 Acetone	43	3.608	3.608	0.014	99	8103	0.5086	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	77867	4.34	
28 Acetonitrile	41	4.080	4.073	0.006	100	7059	0.9531	M
25 Hexane	56	4.704	4.697	0.007	86	655	0.0658	
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	137917	10.0	
37 Chloroform	83	6.194	6.208	-0.014	82	1227	0.0530	
* 50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	550011	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	523245	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

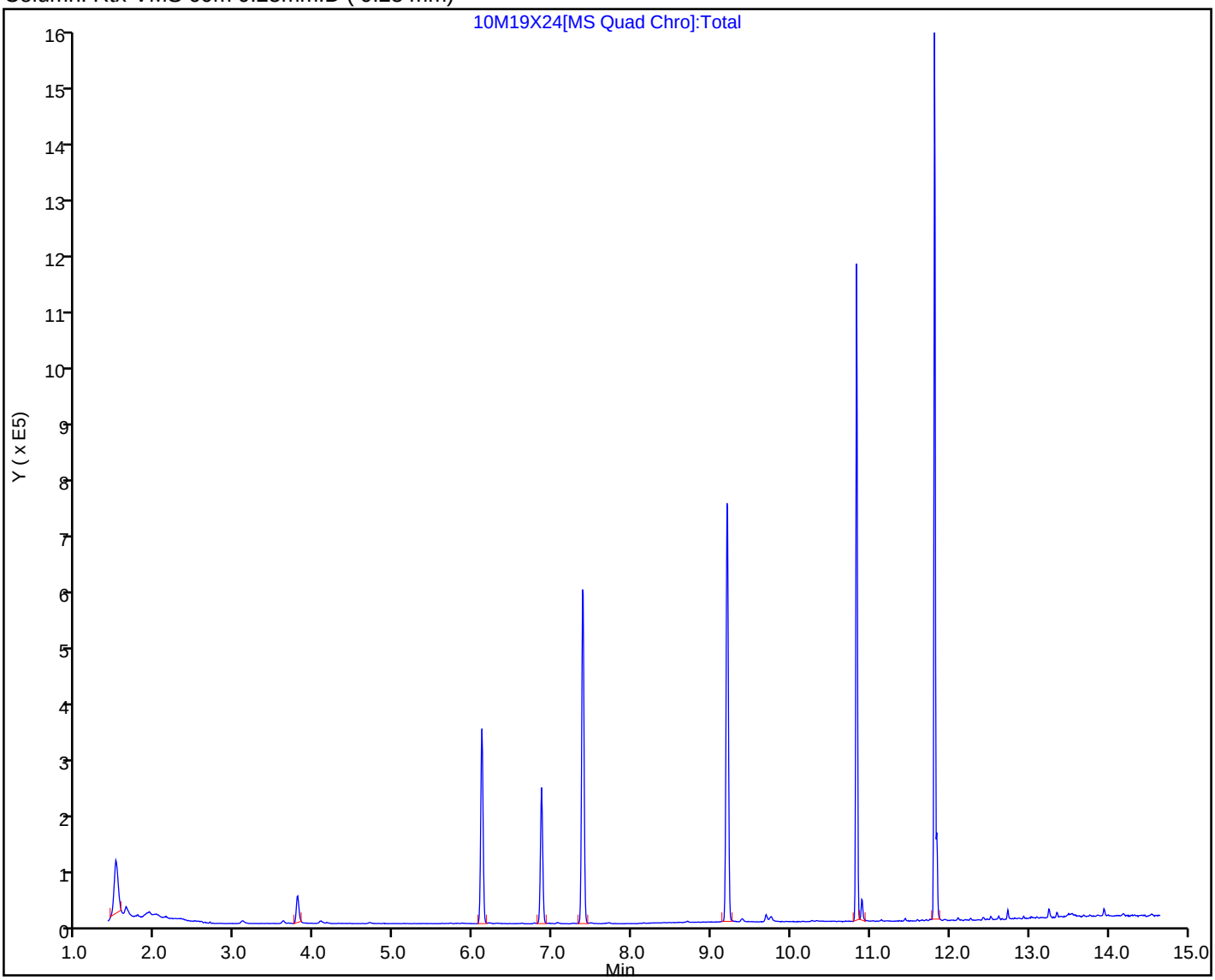
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:25 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 23:25:11	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-2	Lab Sample ID:	410-271307-2		
Client ID:	3326				
Operator ID:	cv118168	ALS Bottle#:	18	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

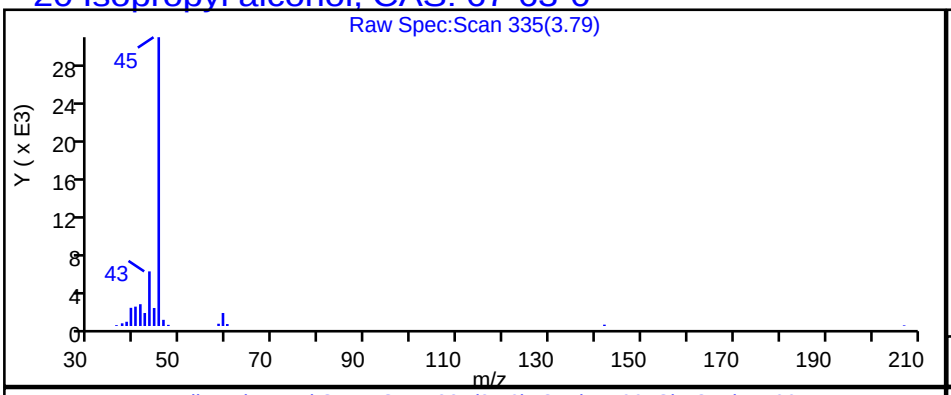


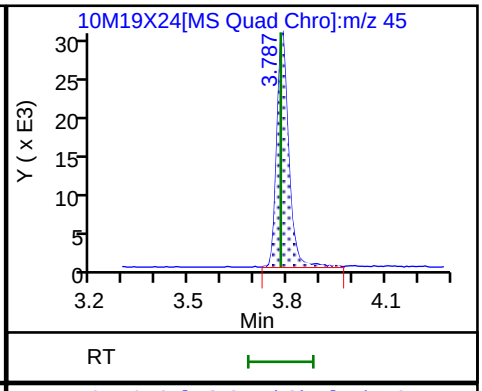
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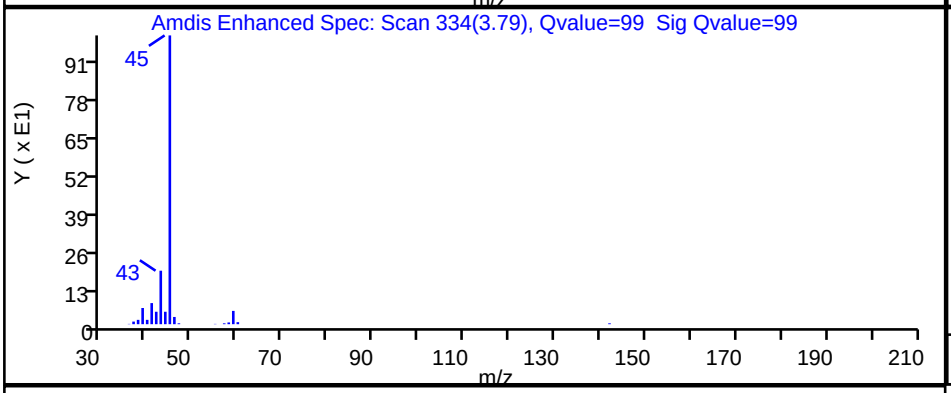
Eurofins Lancaster Laboratories Environment Testing, LLC

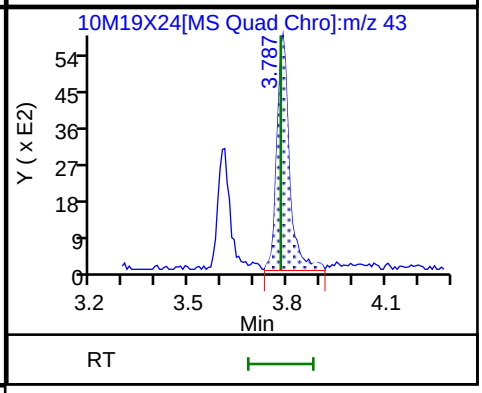
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Injection Date:	19-Mar-2026 23:25:11	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-2	Lab Sample ID:	410-271307-2		
Client ID:	3326				
Operator ID:	cv118168	ALS Bottle#:	18	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

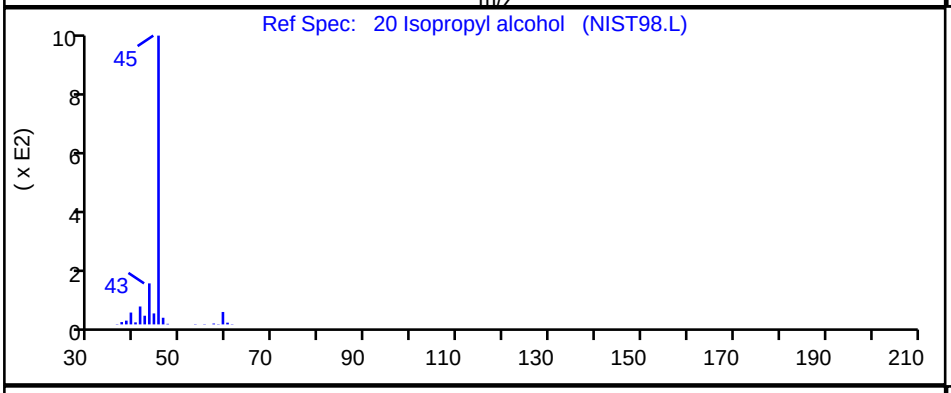
20 Isopropyl alcohol, CAS: 67-63-0

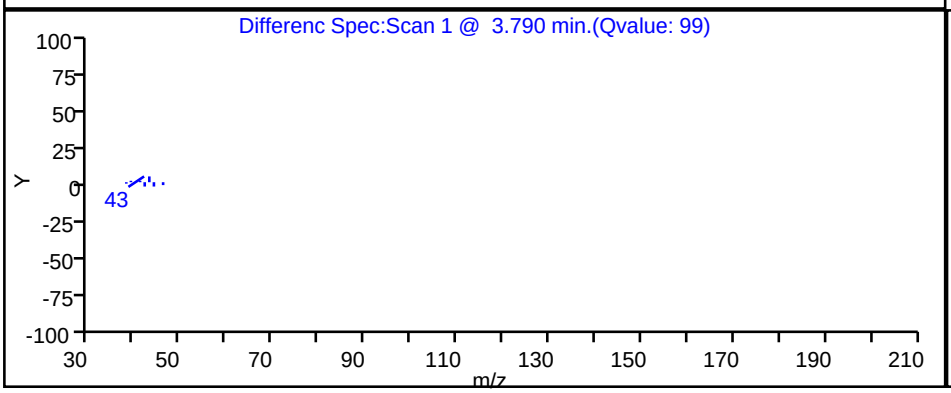


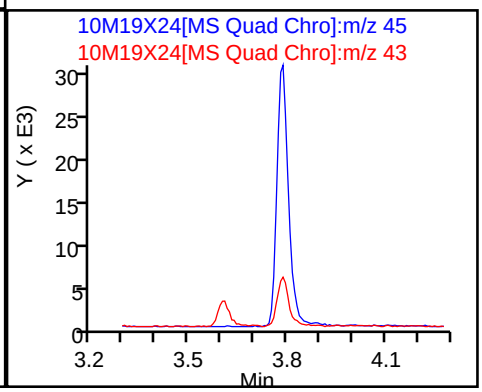










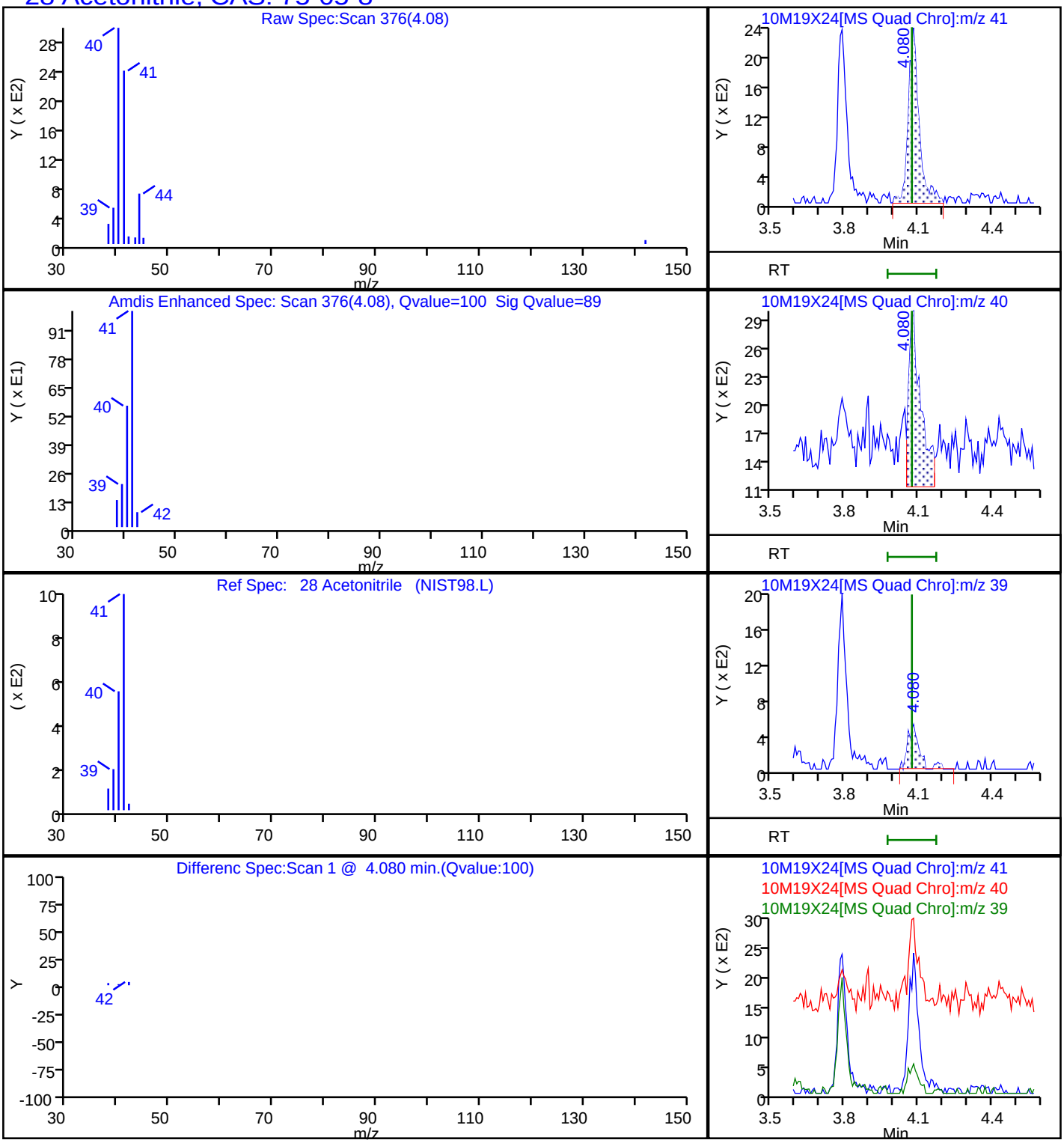


Report Date: 20-Mar-2026 20:38:26 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 23:25:11	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-2	Lab Sample ID:	410-271307-2		
Client ID:	3326				
Operator ID:	cv118168	ALS Bottle#:	18	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

28 Acetonitrile, CAS: 75-05-8

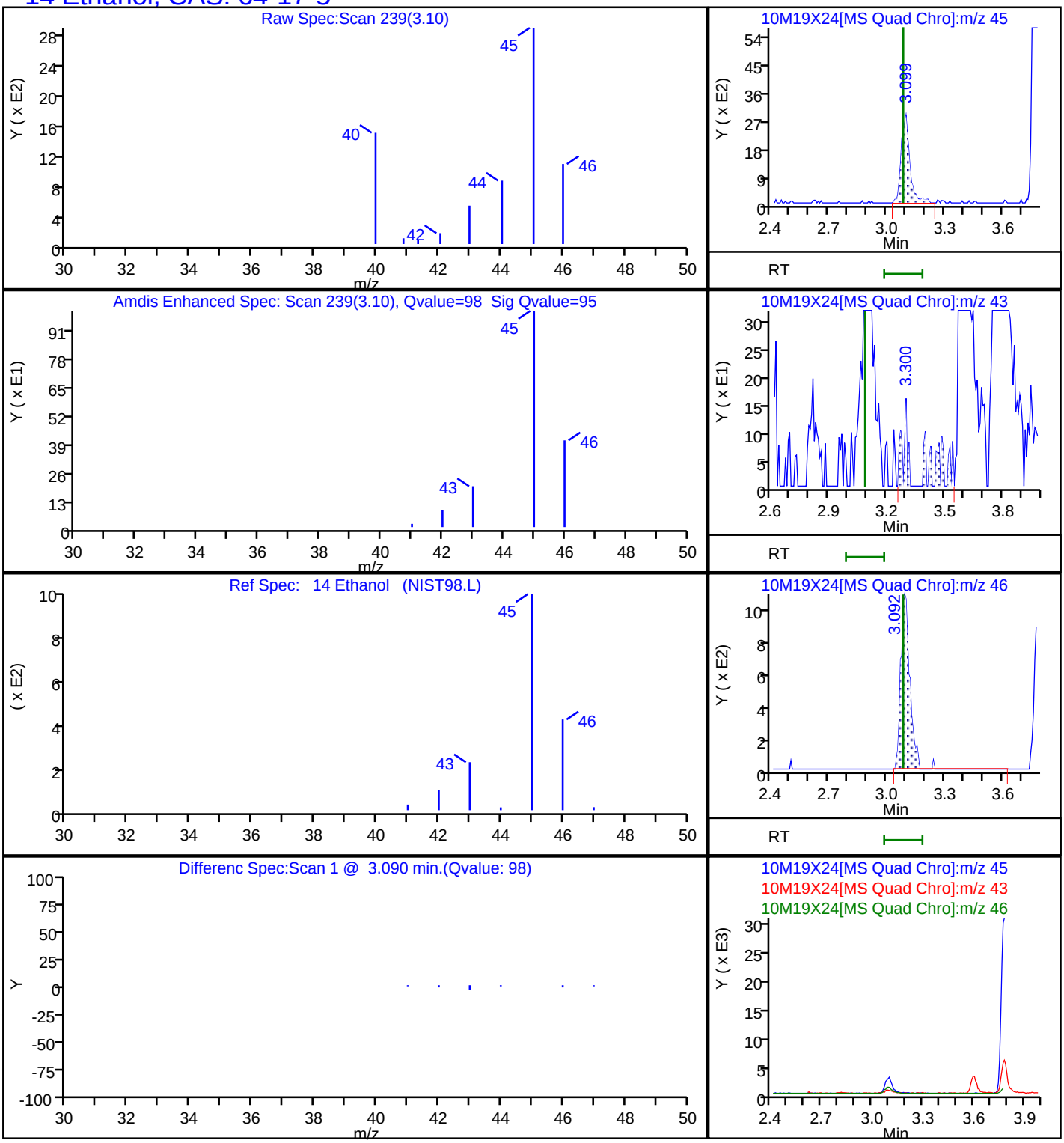


Report Date: 20-Mar-2026 20:38:26 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X24.D				
Injection Date:	19-Mar-2026 23:25:11	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-2	Lab Sample ID:	410-271307-2		
Client ID:	3326				
Operator ID:	cv118168	ALS Bottle#:	18	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

14 Ethanol, CAS: 64-17-5



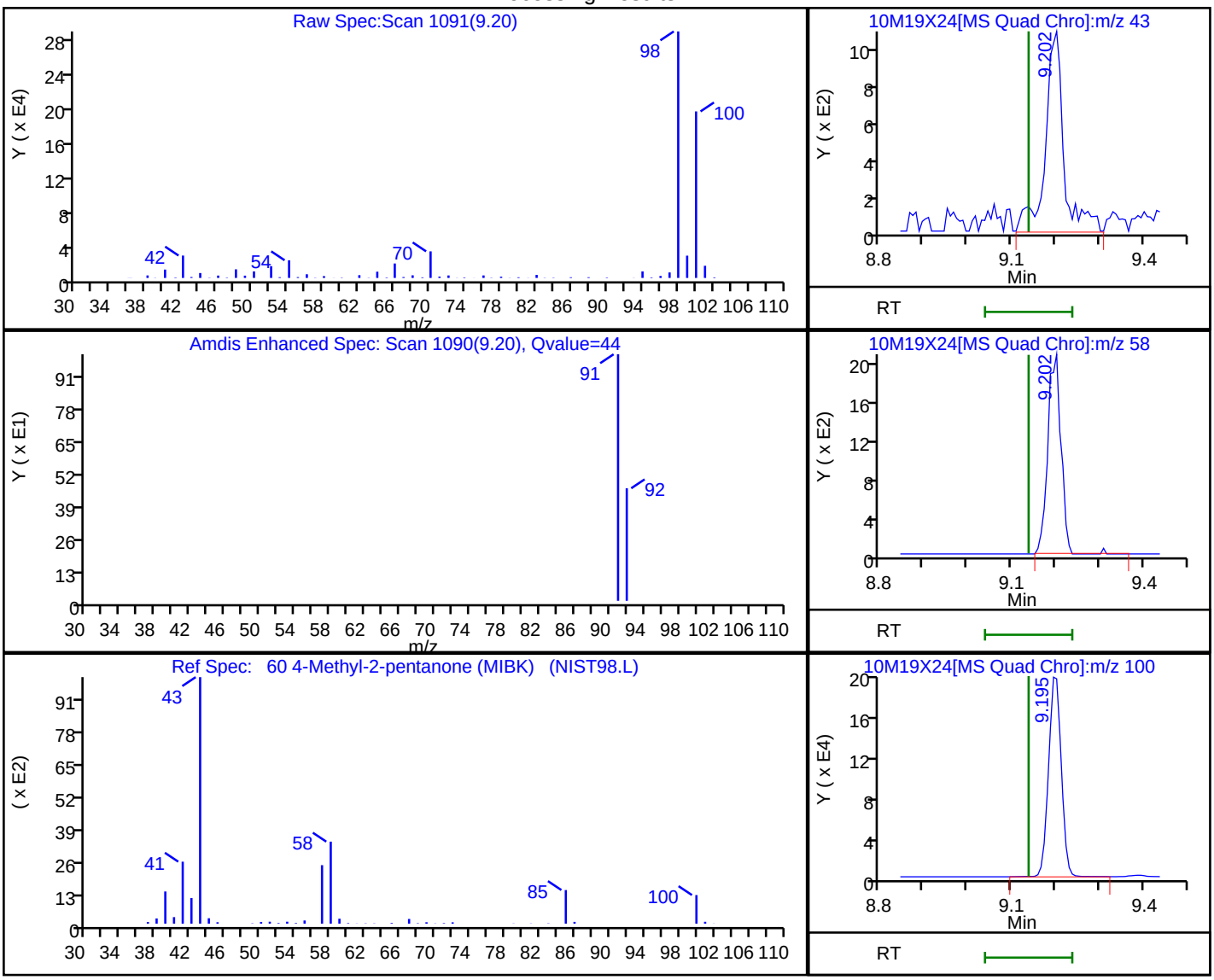
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 23:25:11	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-2	Lab Sample ID:	410-271307-2		
Client ID:	3326				
Operator ID:	cv118168	ALS Bottle#:	18	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.20	43.00	3056	0.118515
9.20	58.00	4380	
9.19	100.00	389176	

Reviewer: XU8K, 20-Mar-2026 18:17:10 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

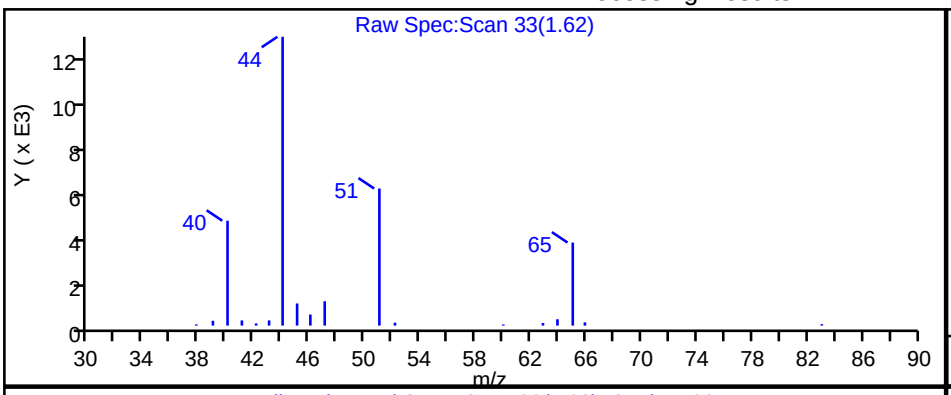
User Disabled Compound Report

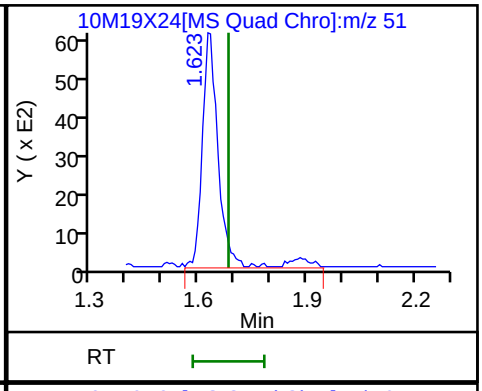
Eurofins Lancaster Laboratories Environment Testing, LLC

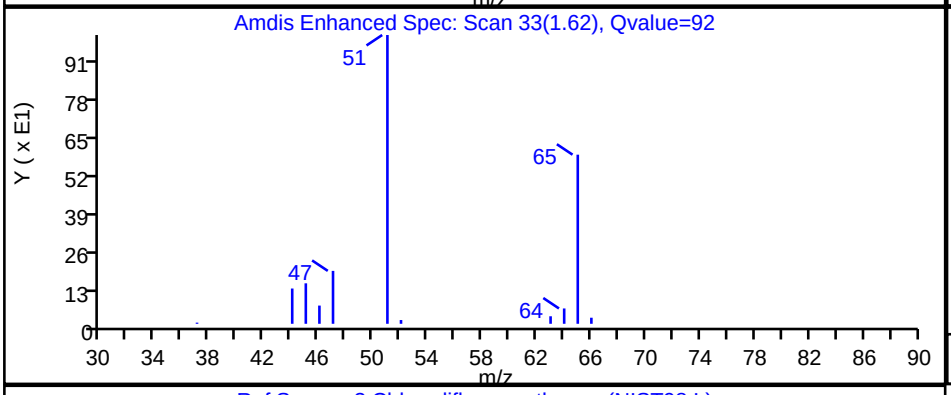
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Injection Date:	19-Mar-2026 23:25:11	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-2	Lab Sample ID:	410-271307-2		
Client ID:	3326				
Operator ID:	cv118168	ALS Bottle#:	18	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

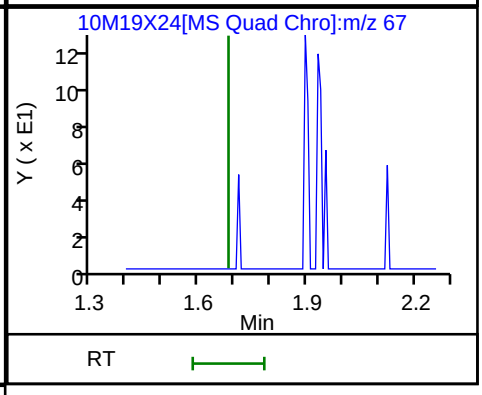
3 Chlorodifluoromethane, CAS: 75-45-6

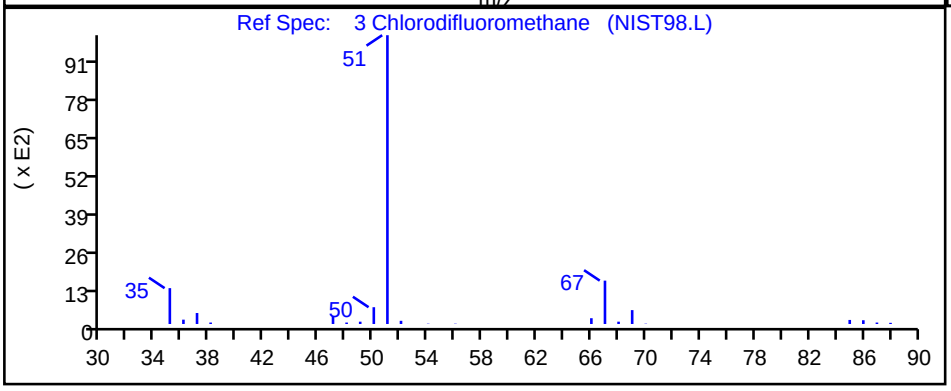
Processing Results











RT	Mass	Response	Amount
1.62	51.00	19321	1.301222
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 18:16:16 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

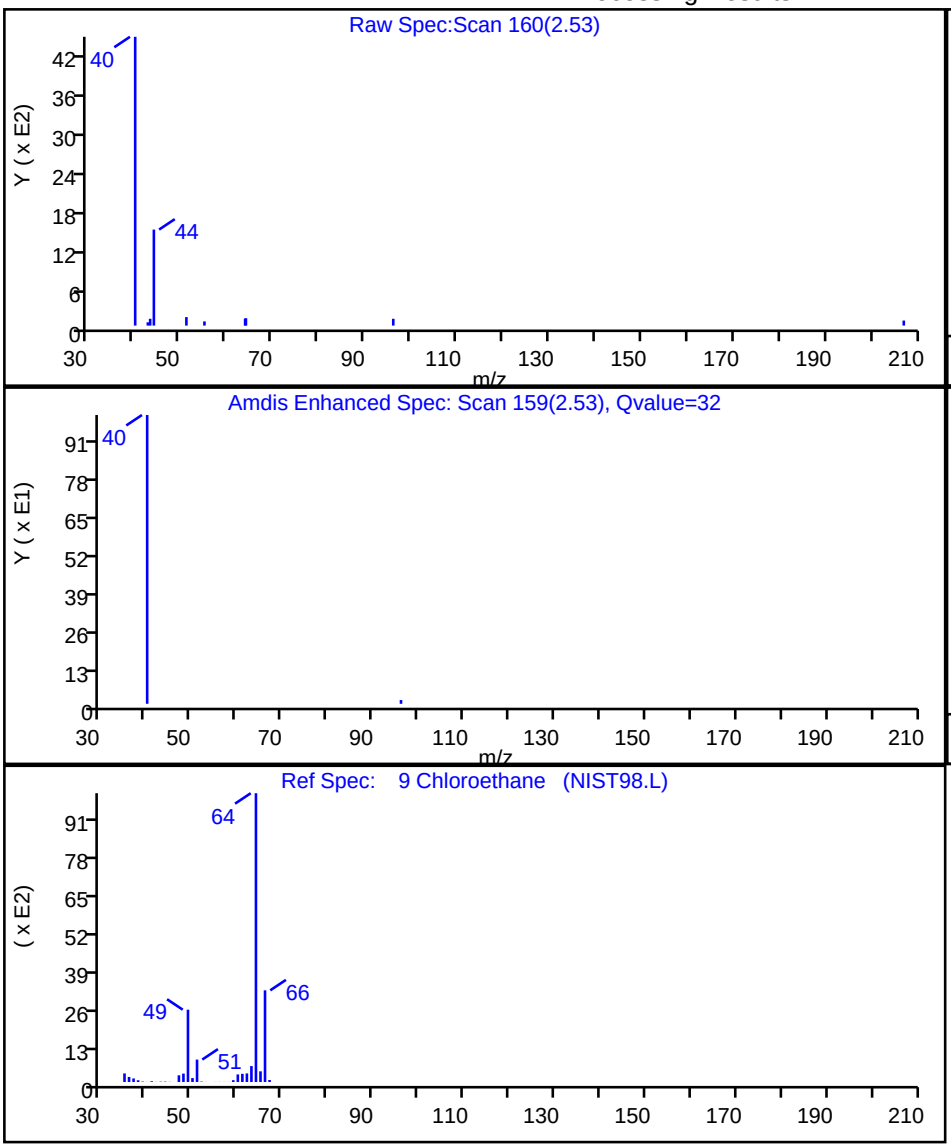
User Disabled Compound Report

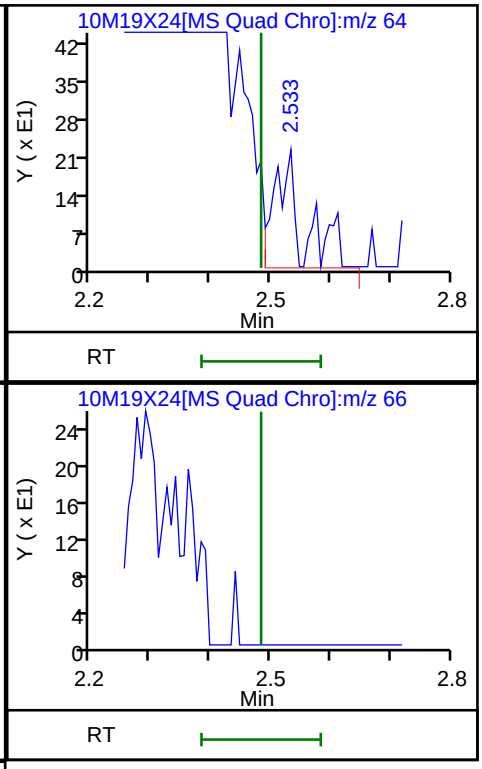
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X24.D				
Injection Date:	19-Mar-2026 23:25:11	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-2	Lab Sample ID:	410-271307-2		
Client ID:	3326				
Operator ID:	cv118168	ALS Bottle#:	18	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	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
2.53	64.00	688	0.101632
2.48	66.00	0	

Reviewer: XU8K, 20-Mar-2026 18:16:20 -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

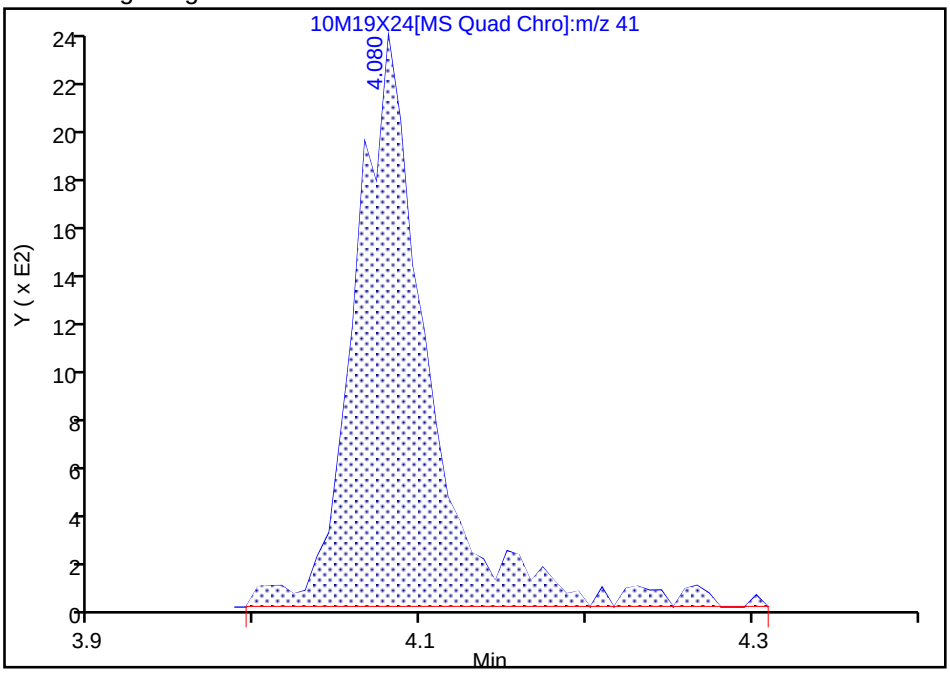
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Injection Date:	19-Mar-2026 23:25:11	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-2	Lab Sample ID:	410-271307-2		
Client ID:	3326				
Operator ID:	cv118168	ALS Bottle#:	18	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

28 Acetonitrile, CAS: 75-05-8

Signal: 1

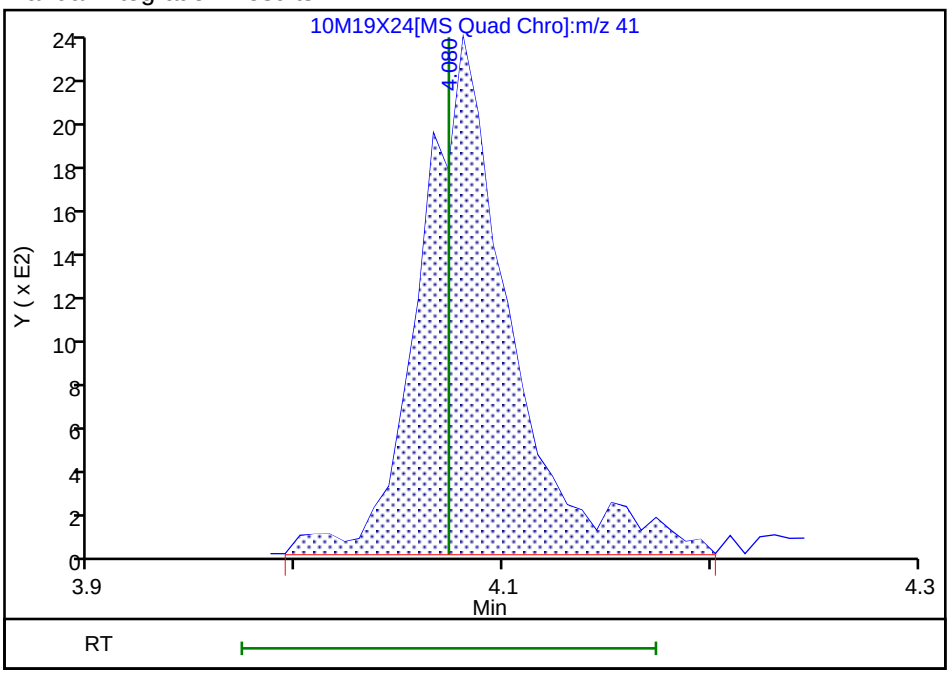
Processing Integration Results

RT: 4.08
Area: 7343
Amount: 0.991471
Amount Units: ppb v/v



Manual Integration Results

RT: 4.08
Area: 7059
Amount: 0.953124
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:16:50 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

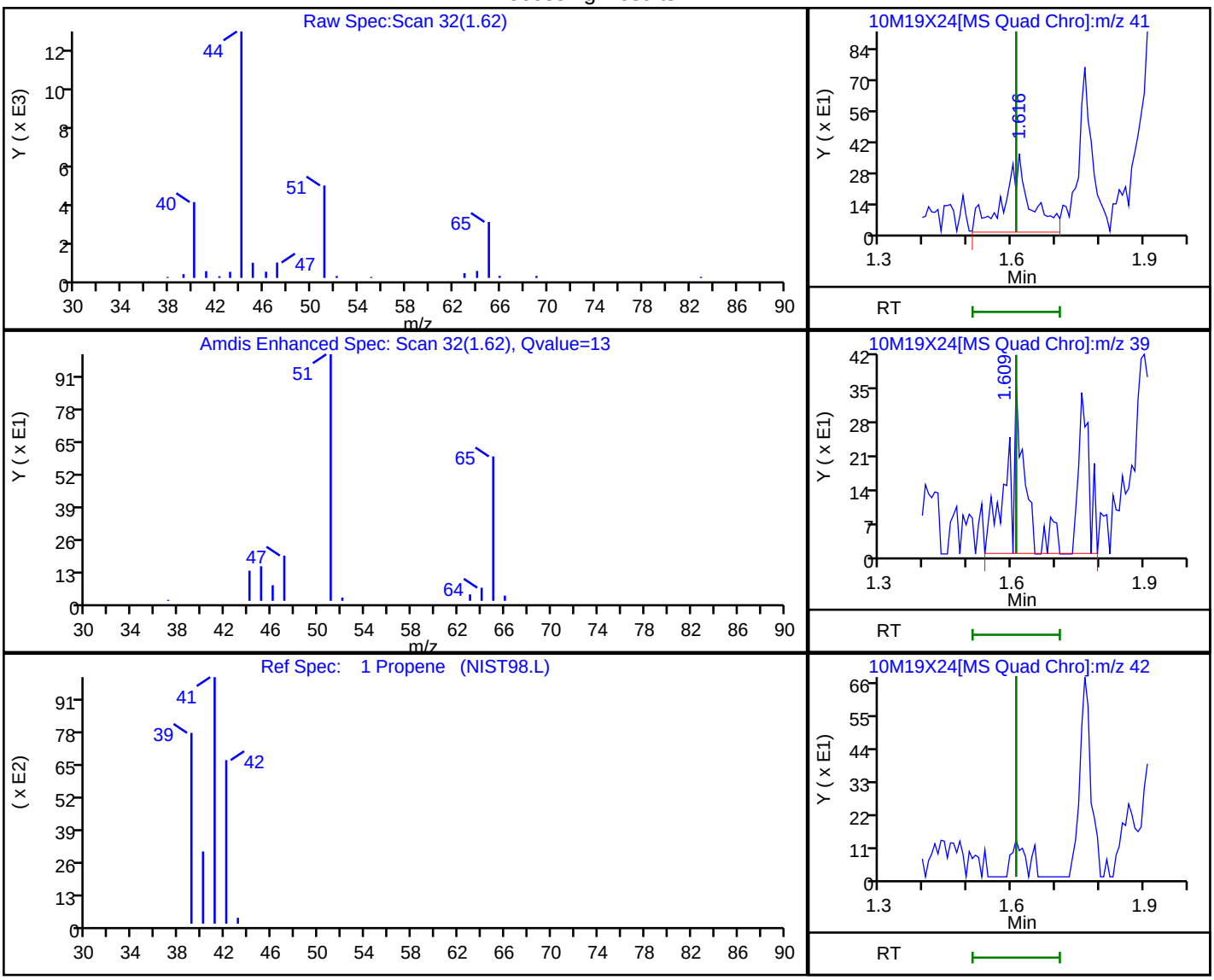
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X24.D				
Injection Date:	19-Mar-2026 23:25:11	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-2	Lab Sample ID:	410-271307-2		
Client ID:	3326				
Operator ID:	cv118168	ALS Bottle#:	18	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
1.62	41.00	1448	0.188113
1.61	39.00	1571	
1.61	42.00	0	

Reviewer: XU8K, 20-Mar-2026 18:16:09 -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

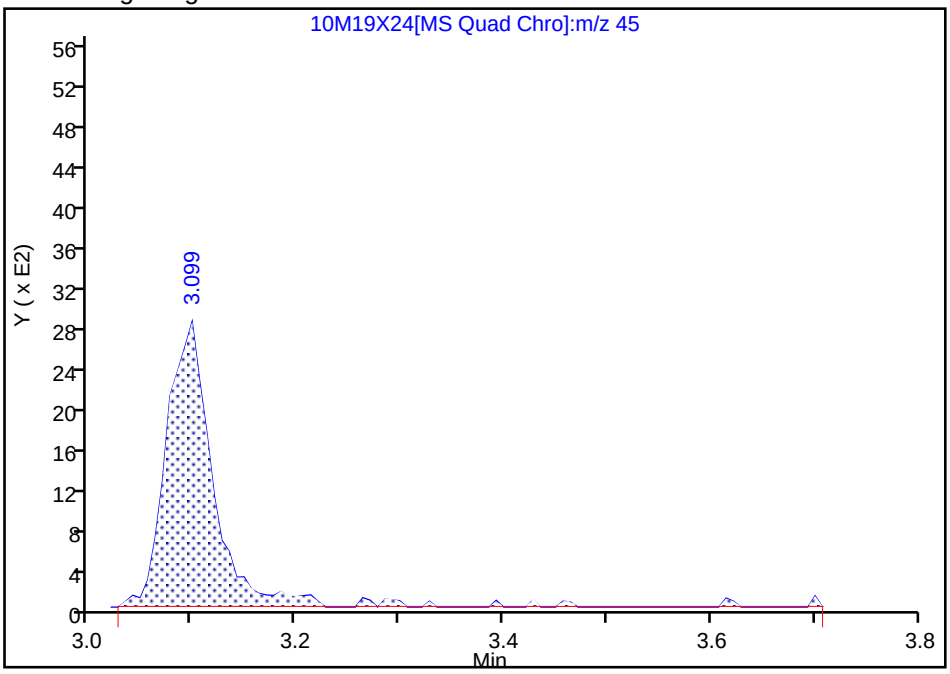
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Injection Date:	19-Mar-2026 23:25:11	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-2	Lab Sample ID:	410-271307-2		
Client ID:	3326				
Operator ID:	cv118168	ALS Bottle#:	18	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

14 Ethanol, CAS: 64-17-5

Signal: 1

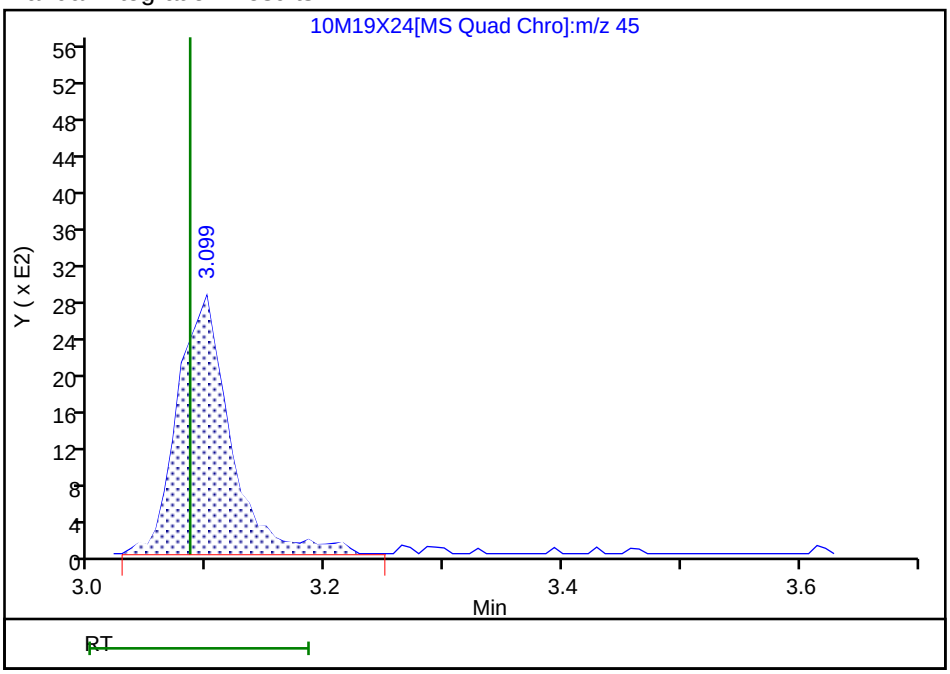
Processing Integration Results

RT: 3.10
Area: 9199
Amount: 2.963684
Amount Units: ppb v/v



Manual Integration Results

RT: 3.10
Area: 8792
Amount: 2.832559
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:16:30 -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.: 410-271307-1

SDG No.:

Client Sample ID: 4427 Lab Sample ID: 410-271307-3

Matrix: Air Lab File ID: 10M19X25.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 23:49

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 4427 Lab Sample ID: 410-271307-3

Matrix: Air Lab File ID: 10M19X25.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 23:49

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 4427 Lab Sample ID: 410-271307-3

Matrix: Air Lab File ID: 10M19X25.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 23:49

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	2.2	cn	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\HP4RA38\20260318-179351.b\10M19X25.D
Lims ID: 410-271307-A-3
Client ID: 4427
Sample Type: Client
Inject. Date: 19-Mar-2026 23:49:16 ALS Bottle#: 19 Worklist Smp#: 24
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc4427
Misc. Info.: 410-0179351-024
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 18:20:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	1.616	1.638	0.007	21	681	0.0872	M
23 Acetone	43	3.608	3.608	0.014	99	8584	0.5312	M
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	39356	2.16	
28 Acetonitrile	41	4.073	4.073	-0.001	99	3860	0.5138	M
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	94	139899	10.0	
* 50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	567638	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	552750	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

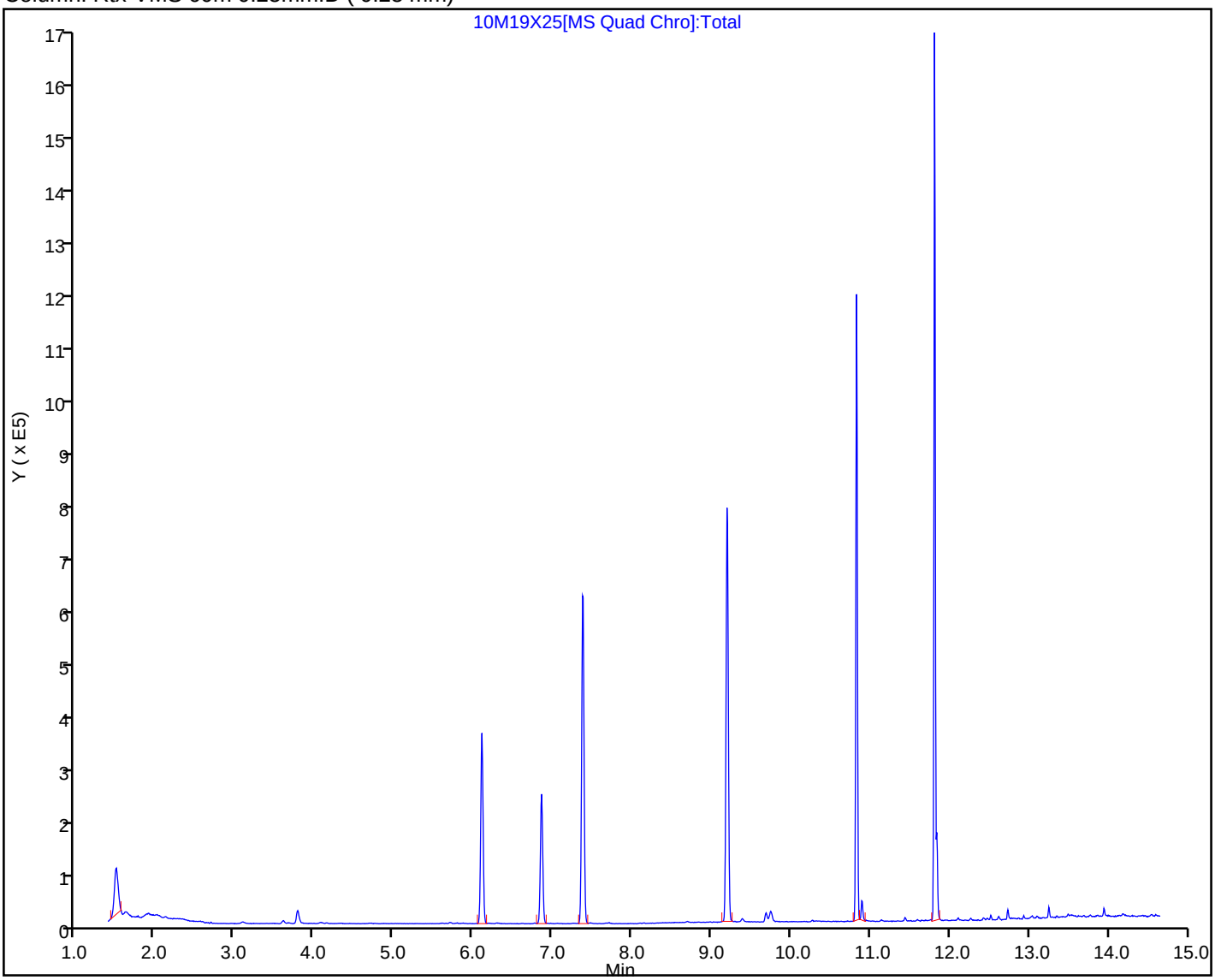
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:28 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 23:49:16	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-3	Lab Sample ID:	410-271307-3		
Client ID:	4427				
Operator ID:	cv118168	ALS Bottle#:	19	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

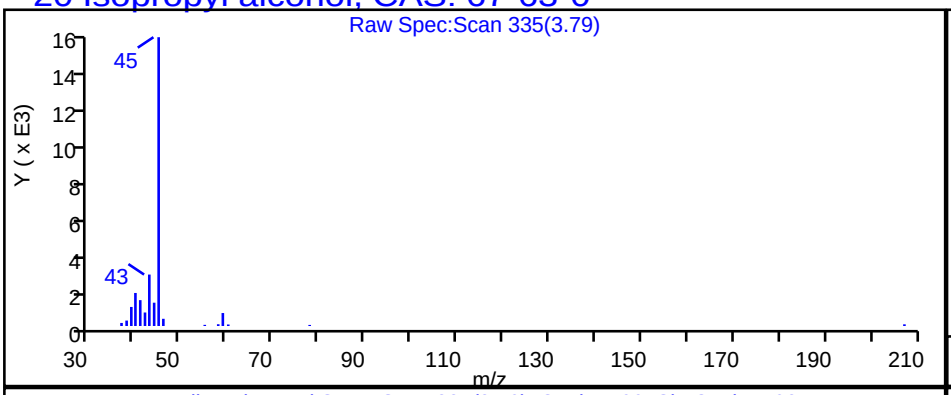


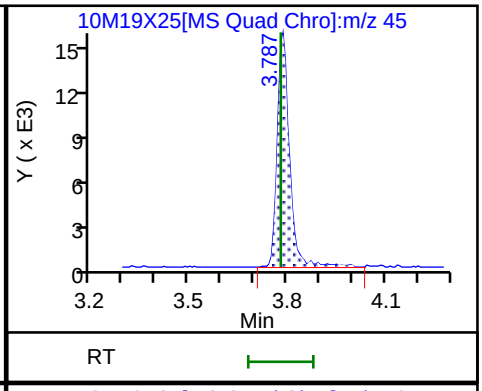
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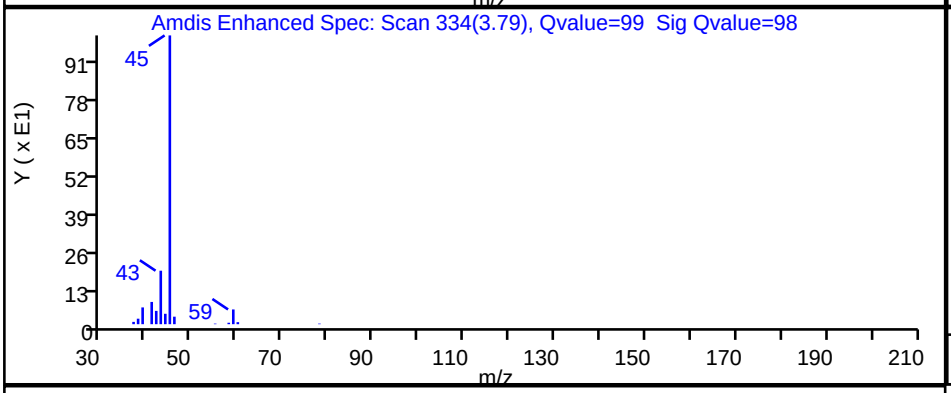
Eurofins Lancaster Laboratories Environment Testing, LLC

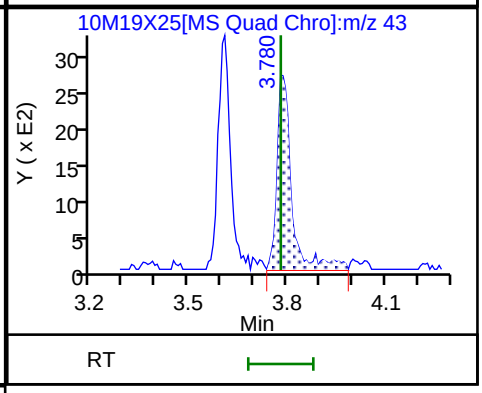
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Injection Date:	19-Mar-2026 23:49:16	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-3	Lab Sample ID:	410-271307-3		
Client ID:	4427				
Operator ID:	cv118168	ALS Bottle#:	19	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

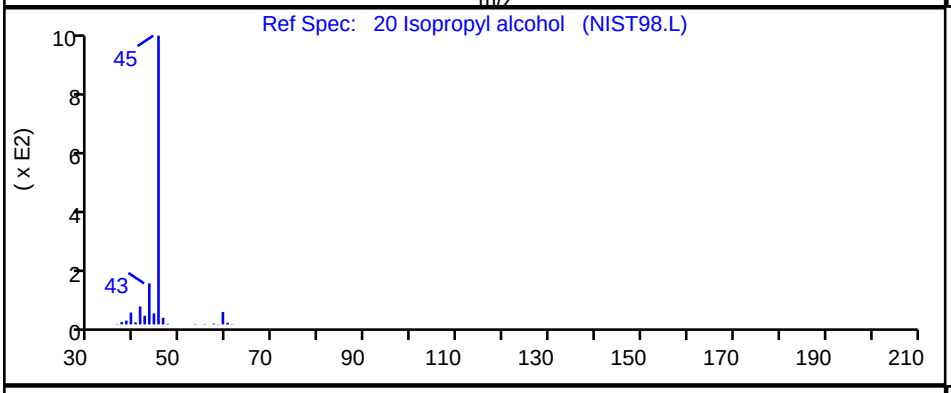
20 Isopropyl alcohol, CAS: 67-63-0

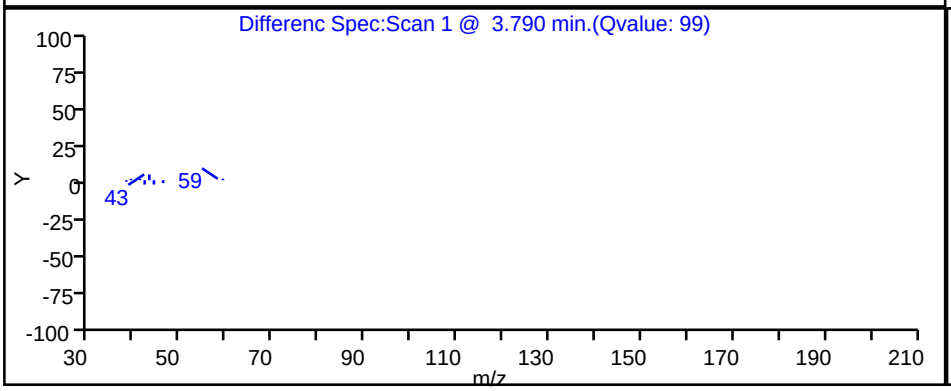


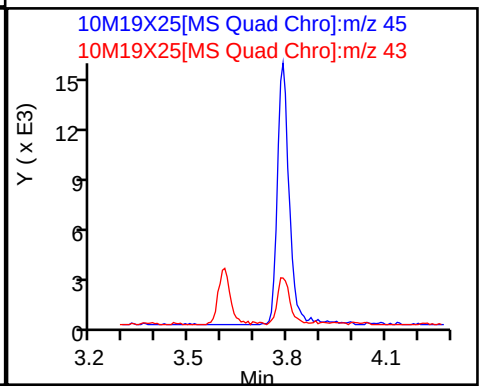












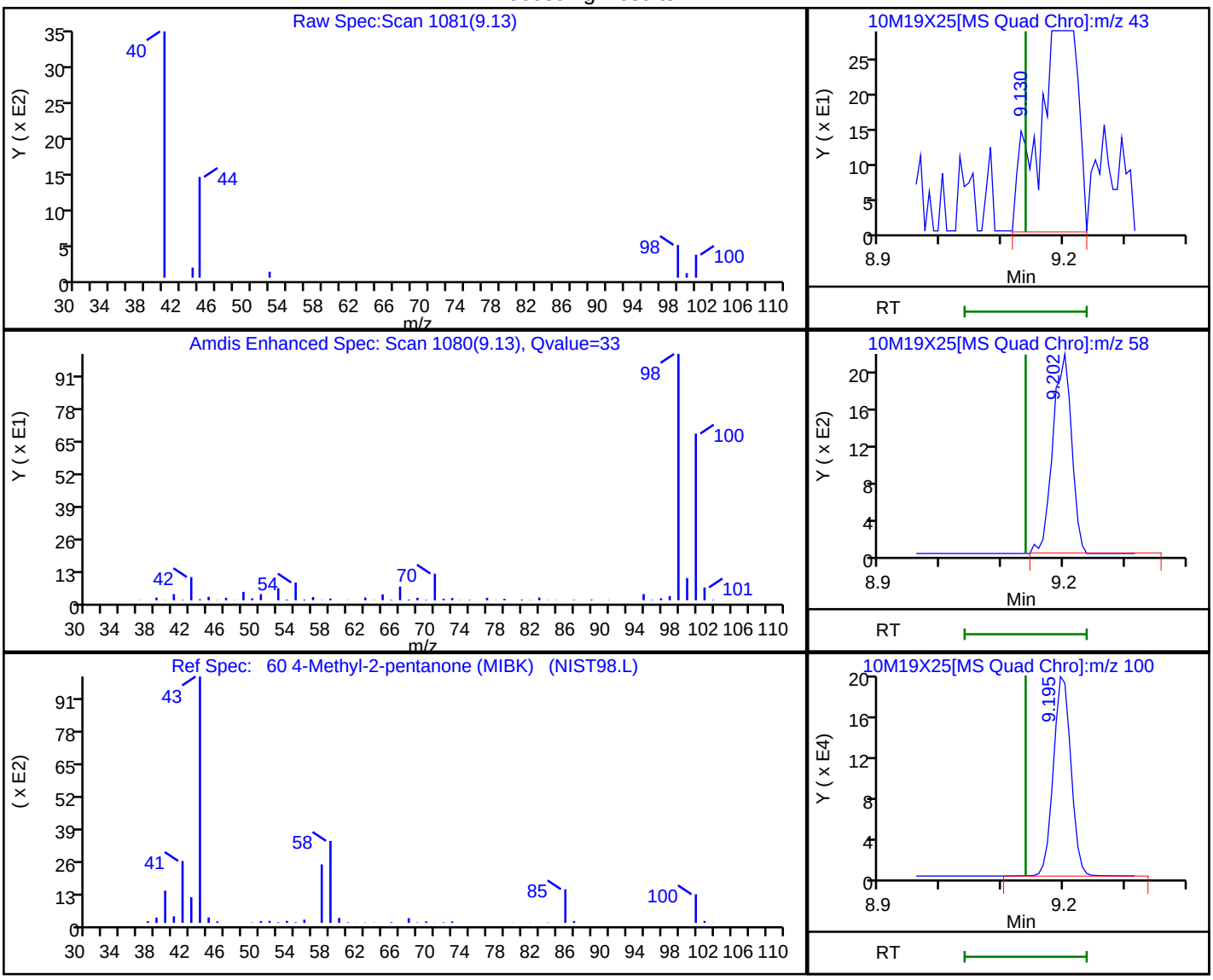
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 23:49:16	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-3	Lab Sample ID:	410-271307-3		
Client ID:	4427				
Operator ID:	cv118168	ALS Bottle#:	19	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.13	43.00	2621	0.098489
9.20	58.00	4616	
9.19	100.00	394252	

Reviewer: XU8K, 20-Mar-2026 18:19:53 -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

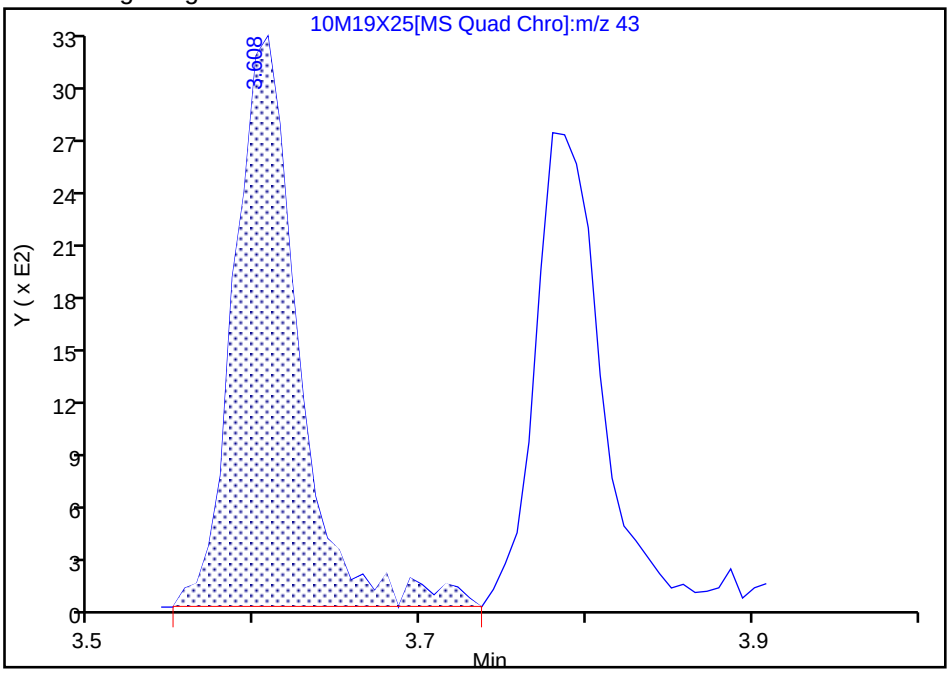
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Injection Date:	19-Mar-2026 23:49:16	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-3	Lab Sample ID:	410-271307-3		
Client ID:	4427				
Operator ID:	cv118168	ALS Bottle#:	19	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetone, CAS: 67-64-1

Signal: 1

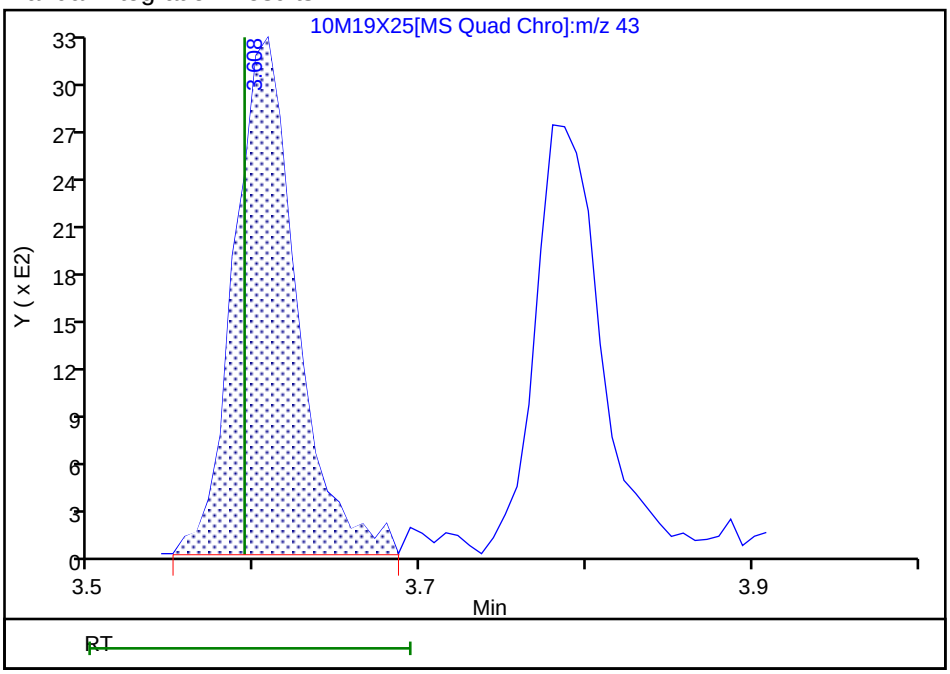
Processing Integration Results

RT: 3.61
Area: 8871
Amount: 0.548951
Amount Units: ppb v/v



Manual Integration Results

RT: 3.61
Area: 8584
Amount: 0.531191
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:19:27 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

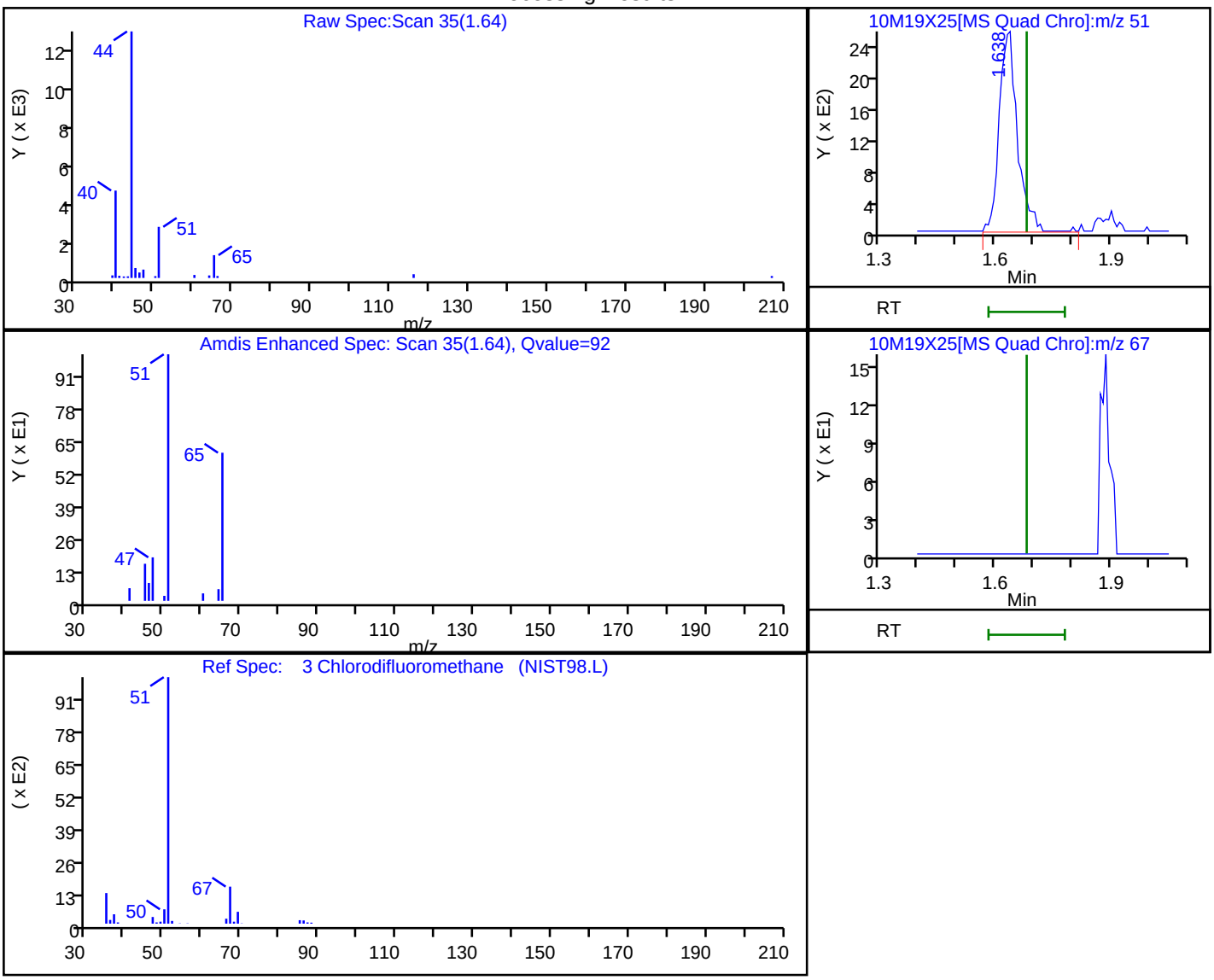
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 23:49:16	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-3	Lab Sample ID:	410-271307-3		
Client ID:	4427				
Operator ID:	cv118168	ALS Bottle#:	19	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.64	51.00	8259	0.548343
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 18:19:04 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

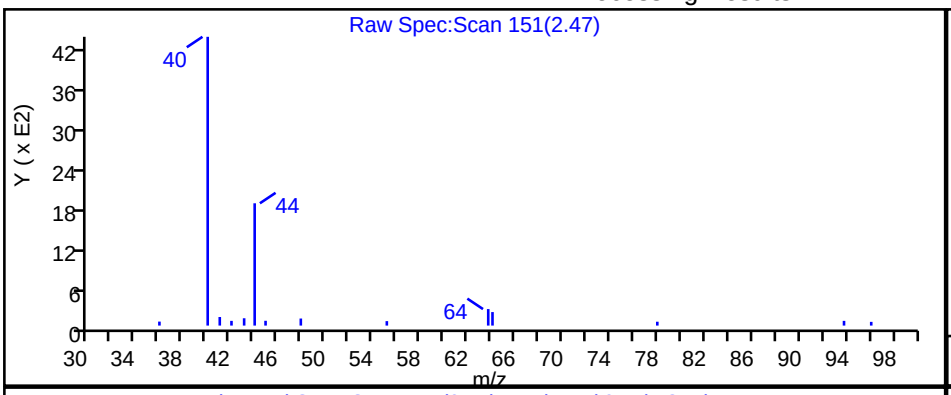
User Disabled Compound Report

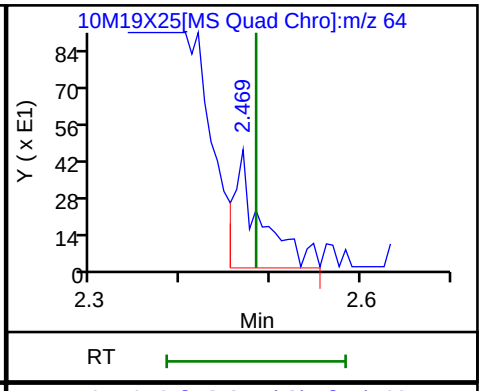
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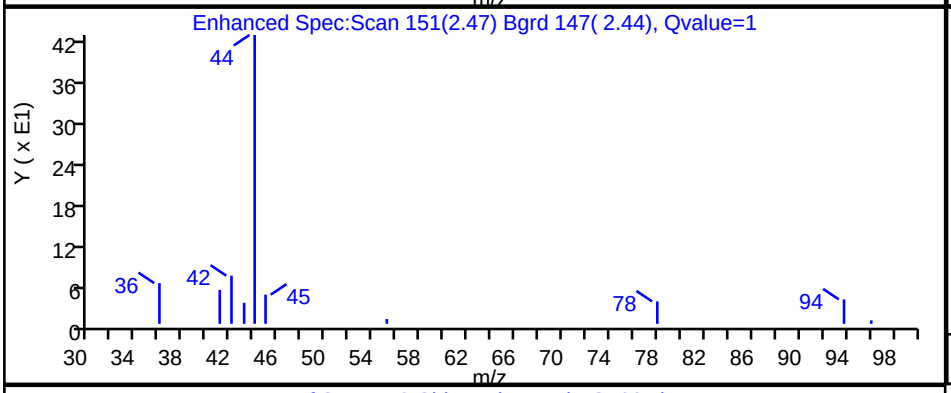
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Injection Date:	19-Mar-2026 23:49:16	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-3	Lab Sample ID:	410-271307-3		
Client ID:	4427				
Operator ID:	cv118168	ALS Bottle#:	19	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

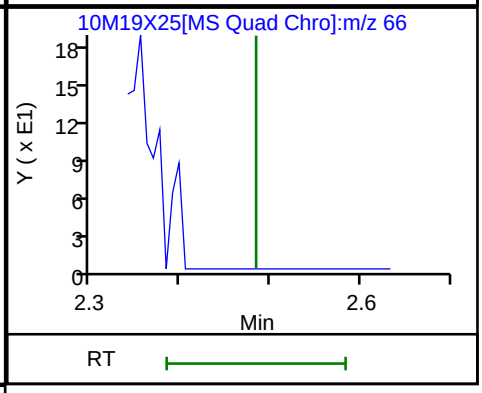
9 Chloroethane, CAS: 75-00-3

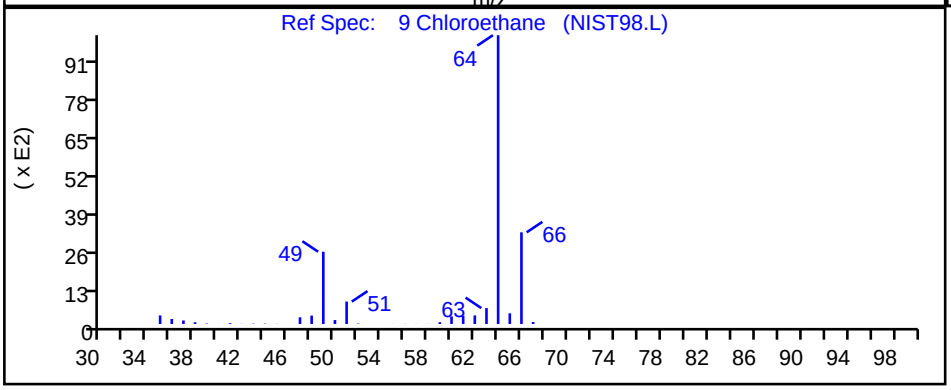
Processing Results











RT	Mass	Response	Amount
2.47	64.00	921	0.134124
2.48	66.00	0	

Reviewer: XU8K, 20-Mar-2026 18:19:18 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

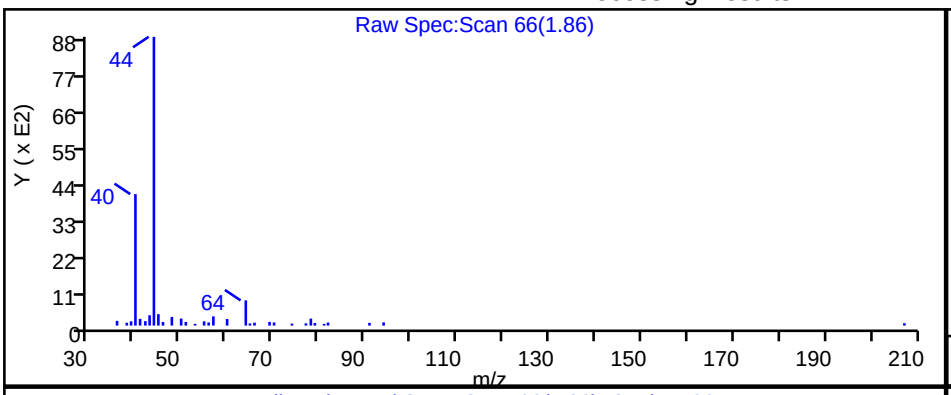
User Disabled Compound Report

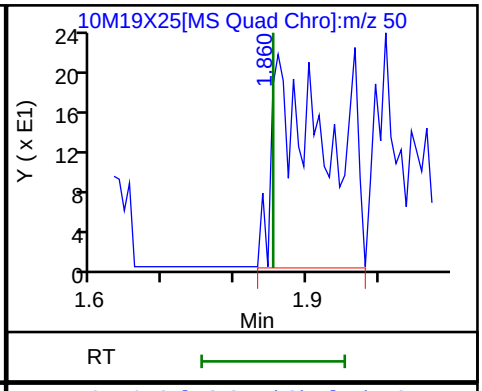
Eurofins Lancaster Laboratories Environment Testing, LLC

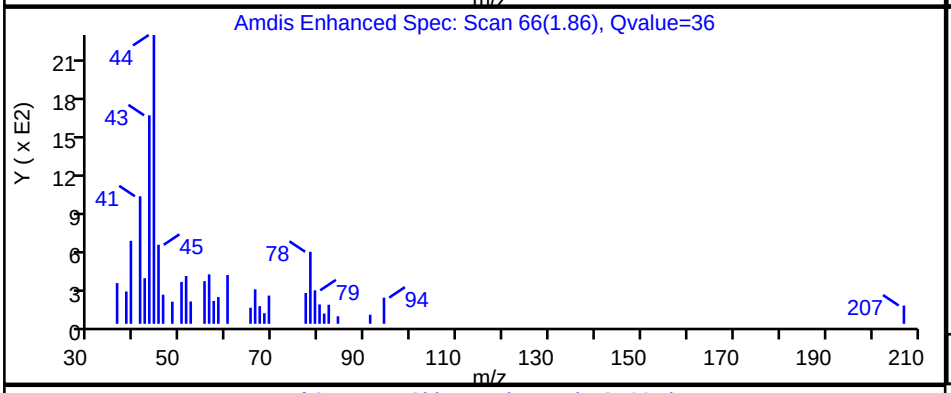
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X25.D				
Injection Date:	19-Mar-2026 23:49:16	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-3	Lab Sample ID:	410-271307-3		
Client ID:	4427				
Operator ID:	cv118168	ALS Bottle#:	19	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

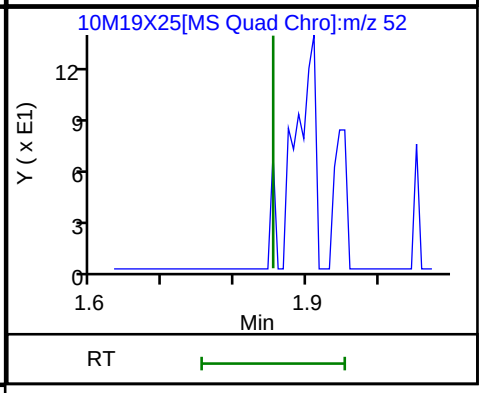
5 Chloromethane, CAS: 74-87-3

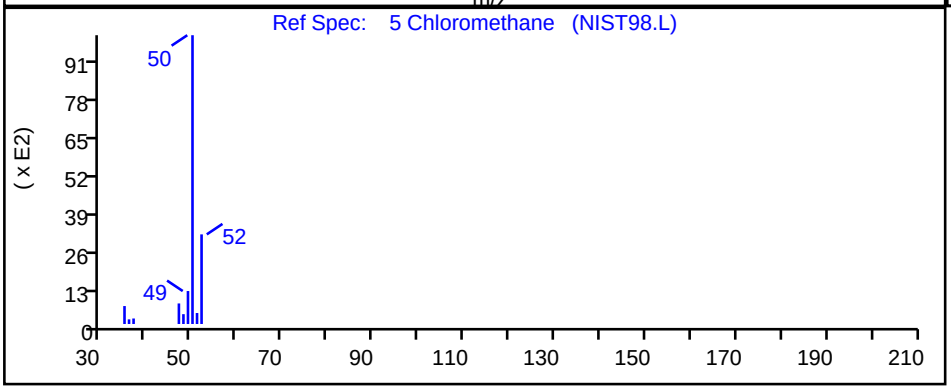
Processing Results











RT	Mass	Response	Amount
1.86	50.00	1137	0.120622
1.85	52.00	0	

Reviewer: XU8K, 20-Mar-2026 18:19:13 -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

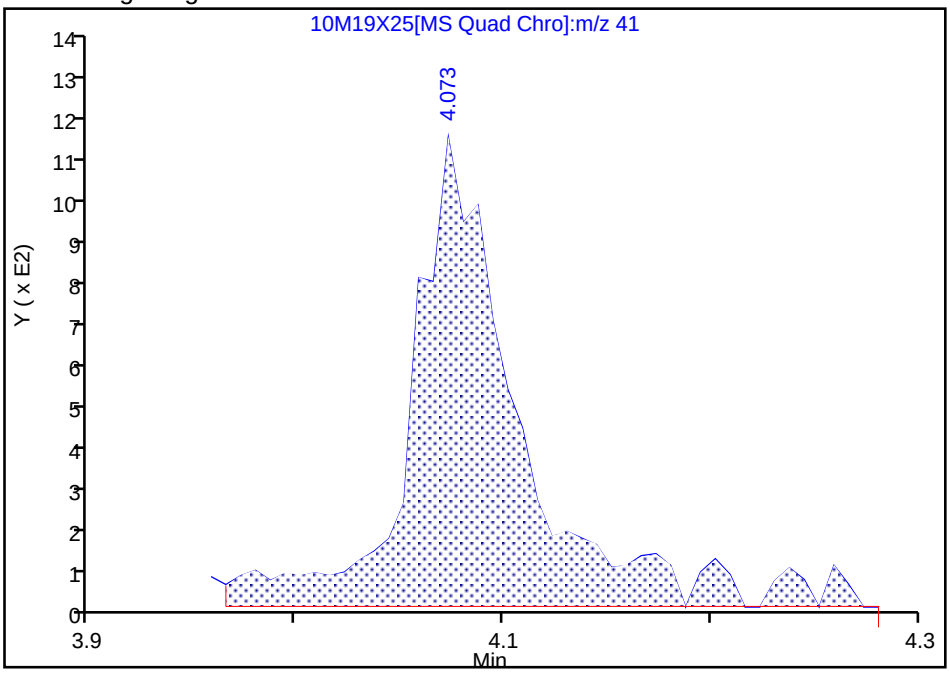
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X25.D				
Injection Date:	19-Mar-2026 23:49:16	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-3	Lab Sample ID:	410-271307-3		
Client ID:	4427				
Operator ID:	cv118168	ALS Bottle#:	19	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

28 Acetonitrile, CAS: 75-05-8

Signal: 1

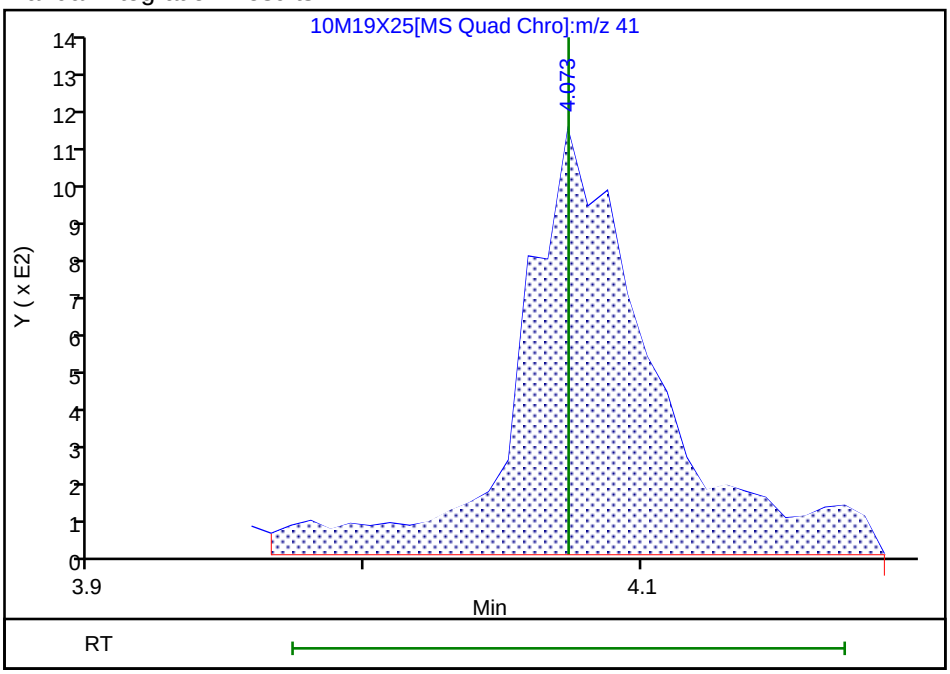
Processing Integration Results

RT: 4.07
Area: 4141
Amount: 0.551207
Amount Units: ppb v/v



Manual Integration Results

RT: 4.07
Area: 3860
Amount: 0.513803
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:19:38 -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

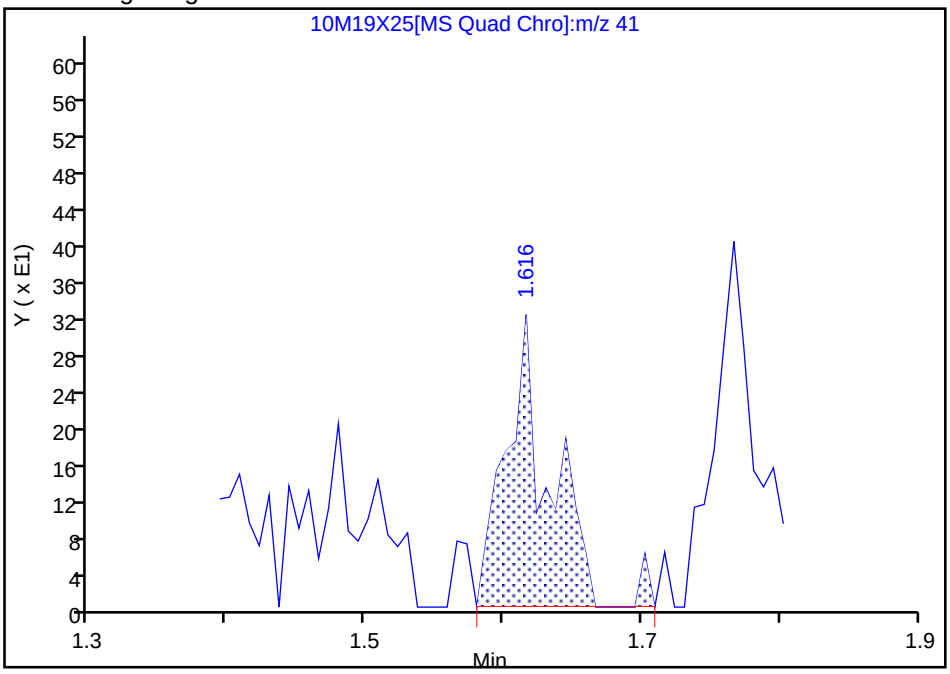
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X25.D				
Injection Date:	19-Mar-2026 23:49:16	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-3	Lab Sample ID:	410-271307-3		
Client ID:	4427				
Operator ID:	cv118168	ALS Bottle#:	19	Worklist Smp#:	24
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

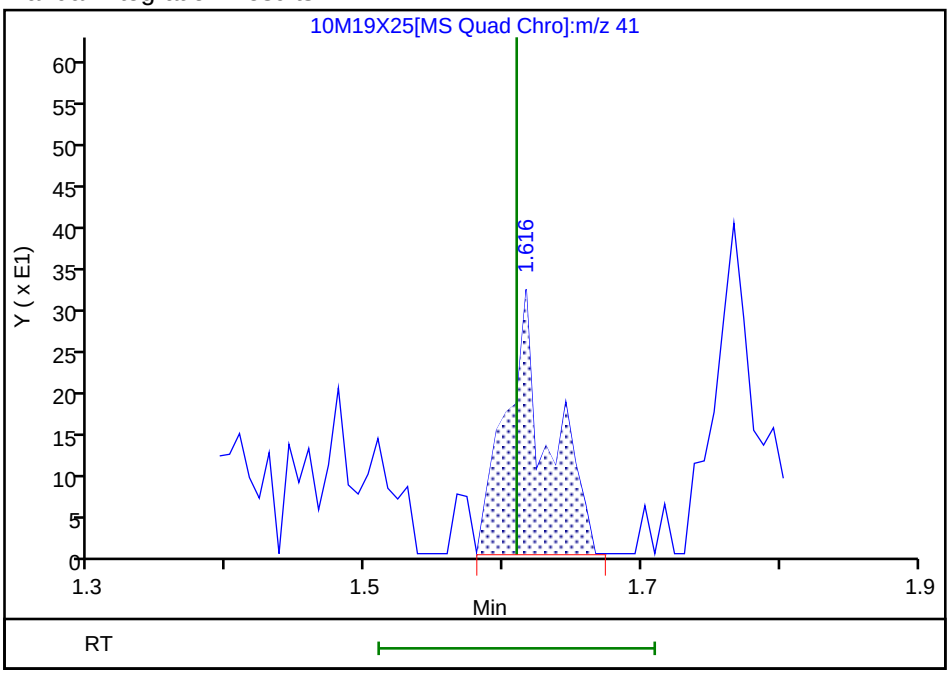
Processing Integration Results

RT: 1.62
Area: 706
Amount: 0.090419
Amount Units: ppb v/v



Manual Integration Results

RT: 1.62
Area: 681
Amount: 0.087217
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:19:00 -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.: 410-271307-1

SDG No.:

Client Sample ID: 1448 Lab Sample ID: 410-271307-4

Matrix: Air Lab File ID: 10M19X26.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 00:13

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 1448 Lab Sample ID: 410-271307-4

Matrix: Air Lab File ID: 10M19X26.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 00:13

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 1448 Lab Sample ID: 410-271307-4

Matrix: Air Lab File ID: 10M19X26.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 00:13

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	3.9	cn	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	0.88	J *+	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	2.9	J *+ cn	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\HP4RA38\20260318-179351.b\10M19X26.D
Lims ID: 410-271307-A-4
Client ID: 1448
Sample Type: Client
Inject. Date: 20-Mar-2026 00:13:18 ALS Bottle#: 20 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1448
Misc. Info.: 410-0179351-025
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 18:22:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
14 Ethanol	45	3.092	3.085	0.007	97	9001	2.85	M
23 Acetone	43	3.600	3.608	0.006	100	8073	0.4983	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	70844	3.88	
28 Acetonitrile	41	4.073	4.073	-0.001	99	6599	0.8762	M
* 35 Chlorobromomethane (IS)	130	6.107	6.108	-0.001	95	140245	10.0	
37 Chloroform	83	6.201	6.208	-0.008	93	1148	0.0488	
* 50 1,4-Difluorobenzene	114	7.382	7.383	-0.001	94	558513	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	550062	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

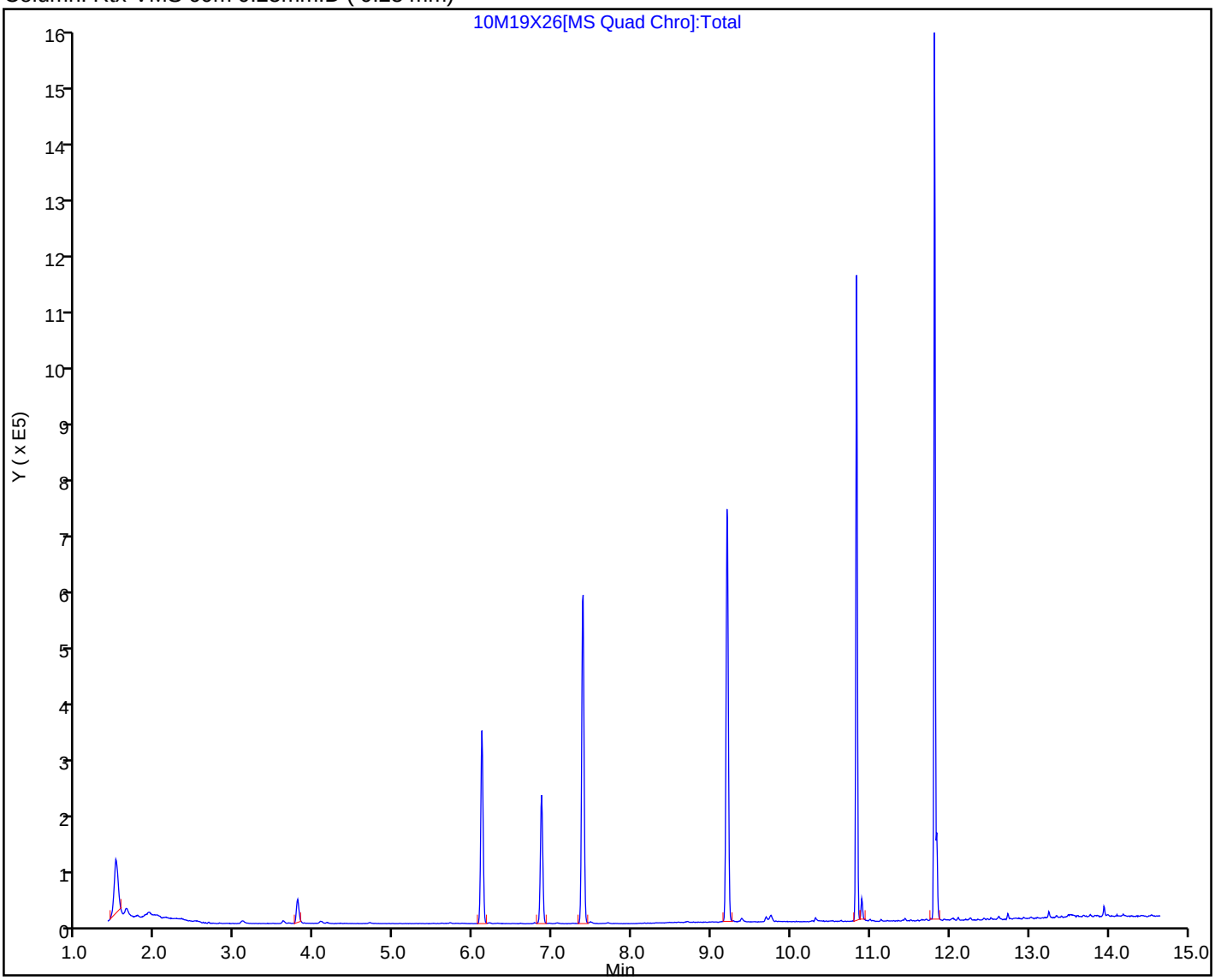
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:30 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X26.D				
Injection Date:	20-Mar-2026 00:13:18	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-4	Lab Sample ID:	410-271307-4		
Client ID:	1448				
Operator ID:	cv118168	ALS Bottle#:	20	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

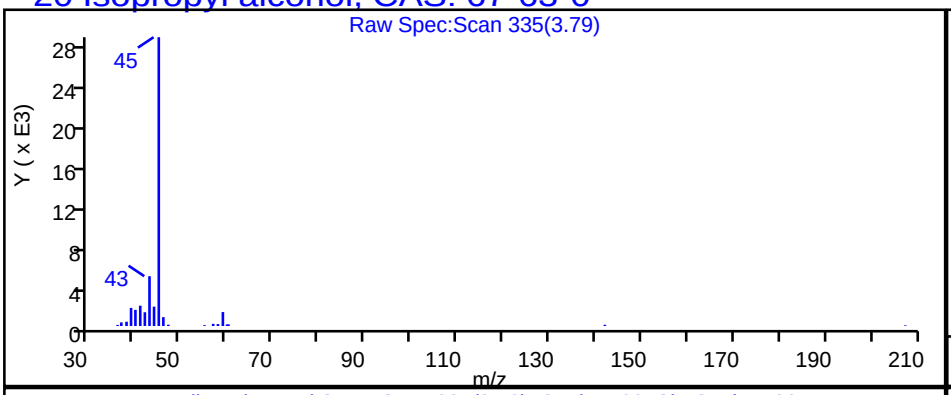


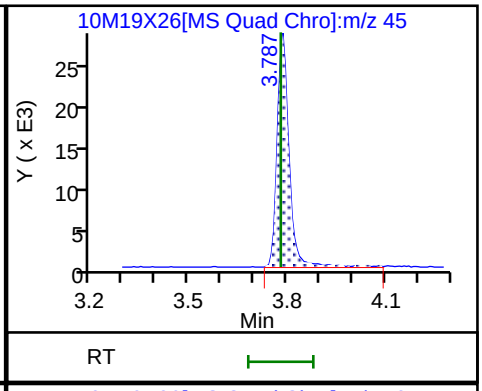
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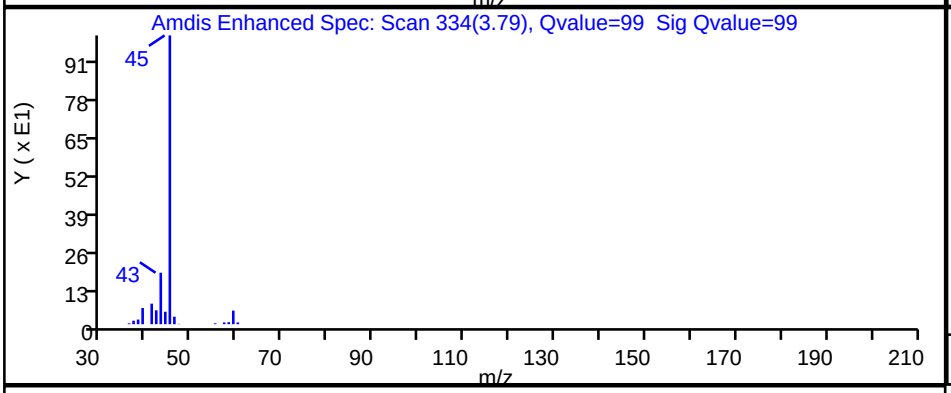
Eurofins Lancaster Laboratories Environment Testing, LLC

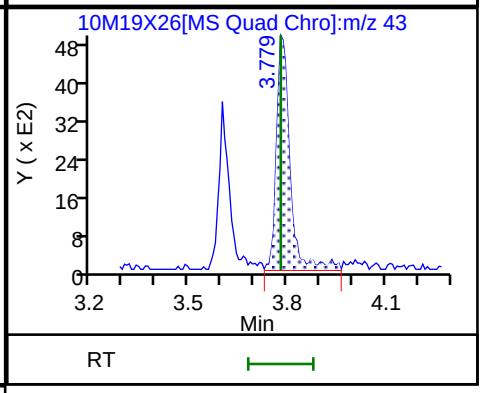
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X26.D				
Injection Date:	20-Mar-2026 00:13:18	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-4	Lab Sample ID:	410-271307-4		
Client ID:	1448				
Operator ID:	cv118168	ALS Bottle#:	20	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

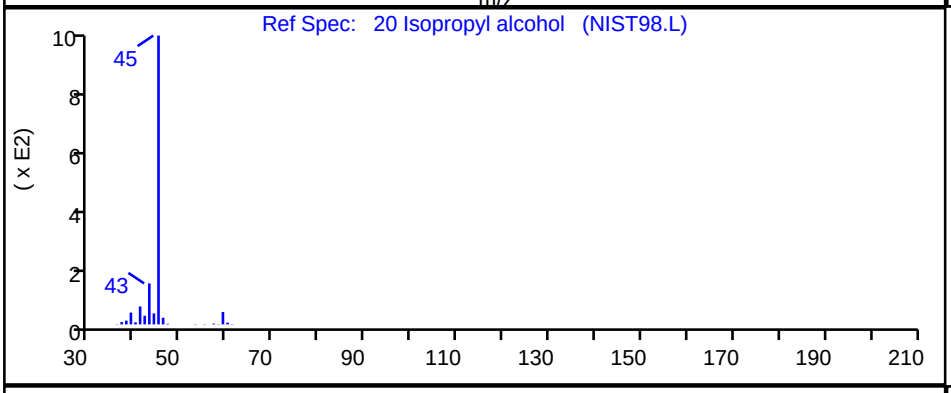
20 Isopropyl alcohol, CAS: 67-63-0

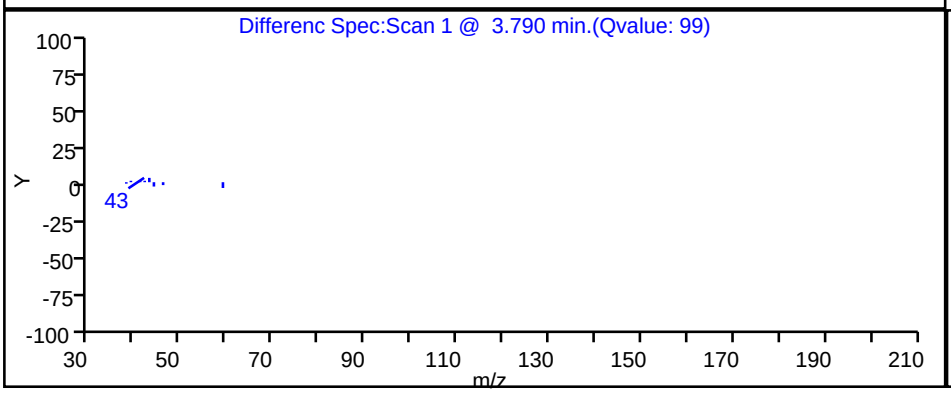


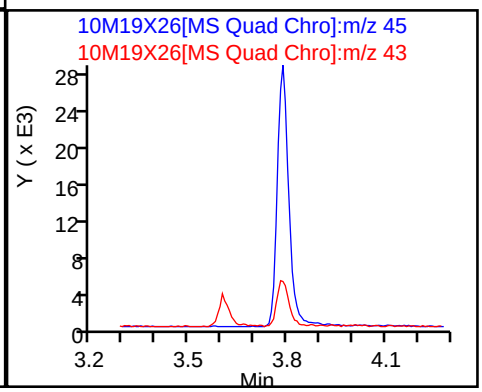










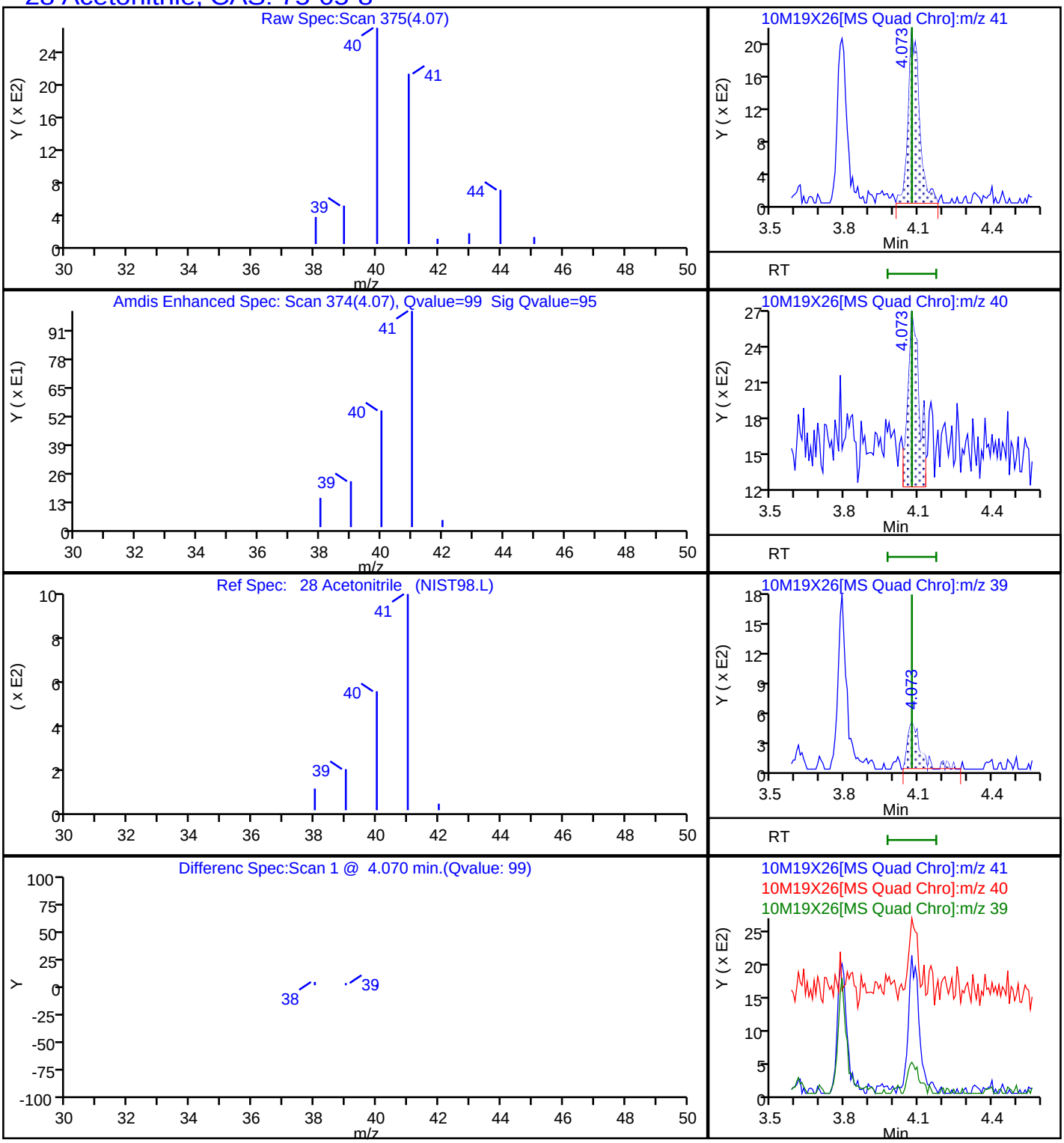


Report Date: 20-Mar-2026 20:38:30 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X26.D				
Injection Date:	20-Mar-2026 00:13:18	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-4	Lab Sample ID:	410-271307-4		
Client ID:	1448				
Operator ID:	cv118168	ALS Bottle#:	20	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

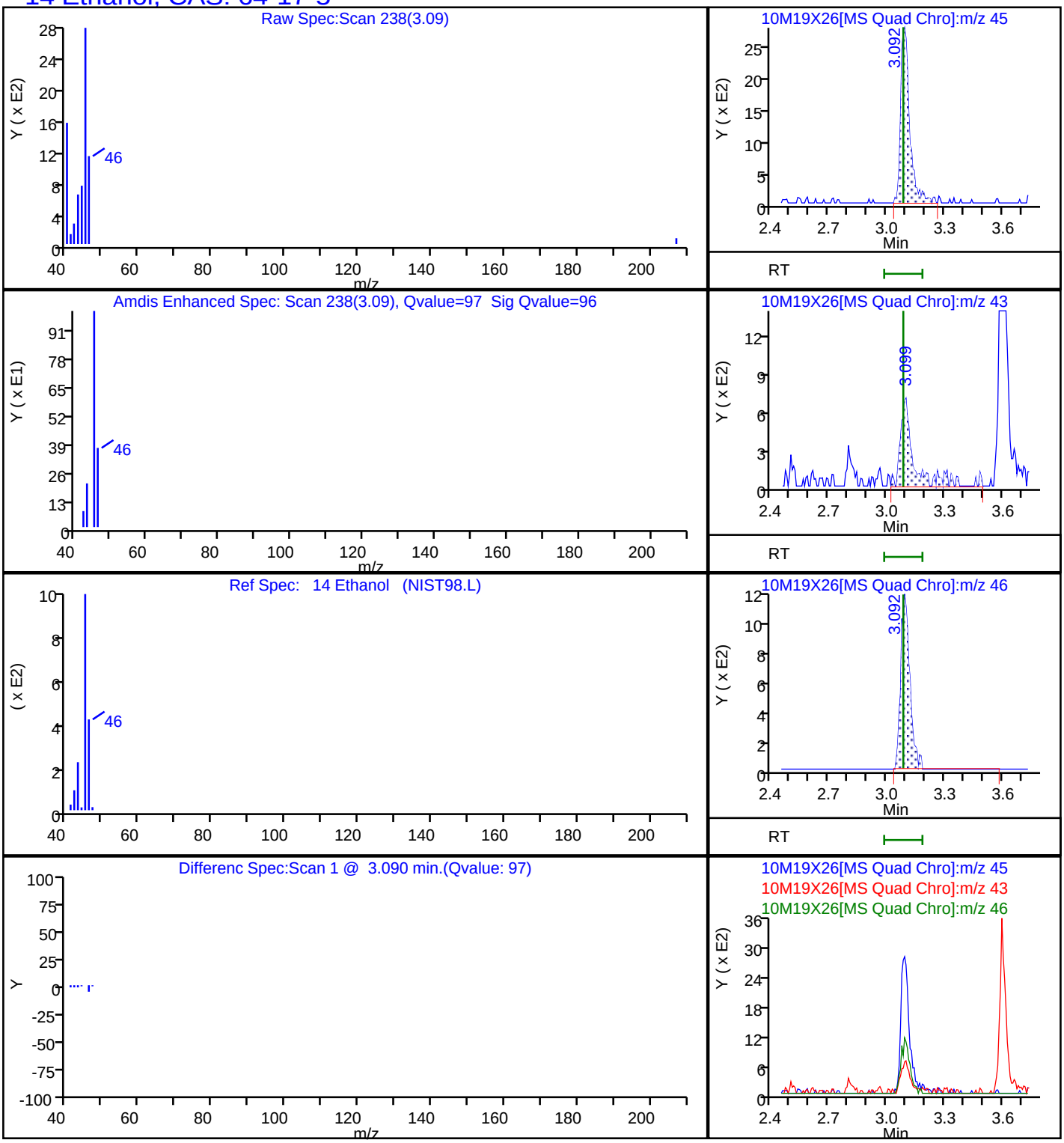
28 Acetonitrile, CAS: 75-05-8



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X26.D				
Injection Date:	20-Mar-2026 00:13:18	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-4	Lab Sample ID:	410-271307-4		
Client ID:	1448				
Operator ID:	cv118168	ALS Bottle#:	20	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

14 Ethanol, CAS: 64-17-5



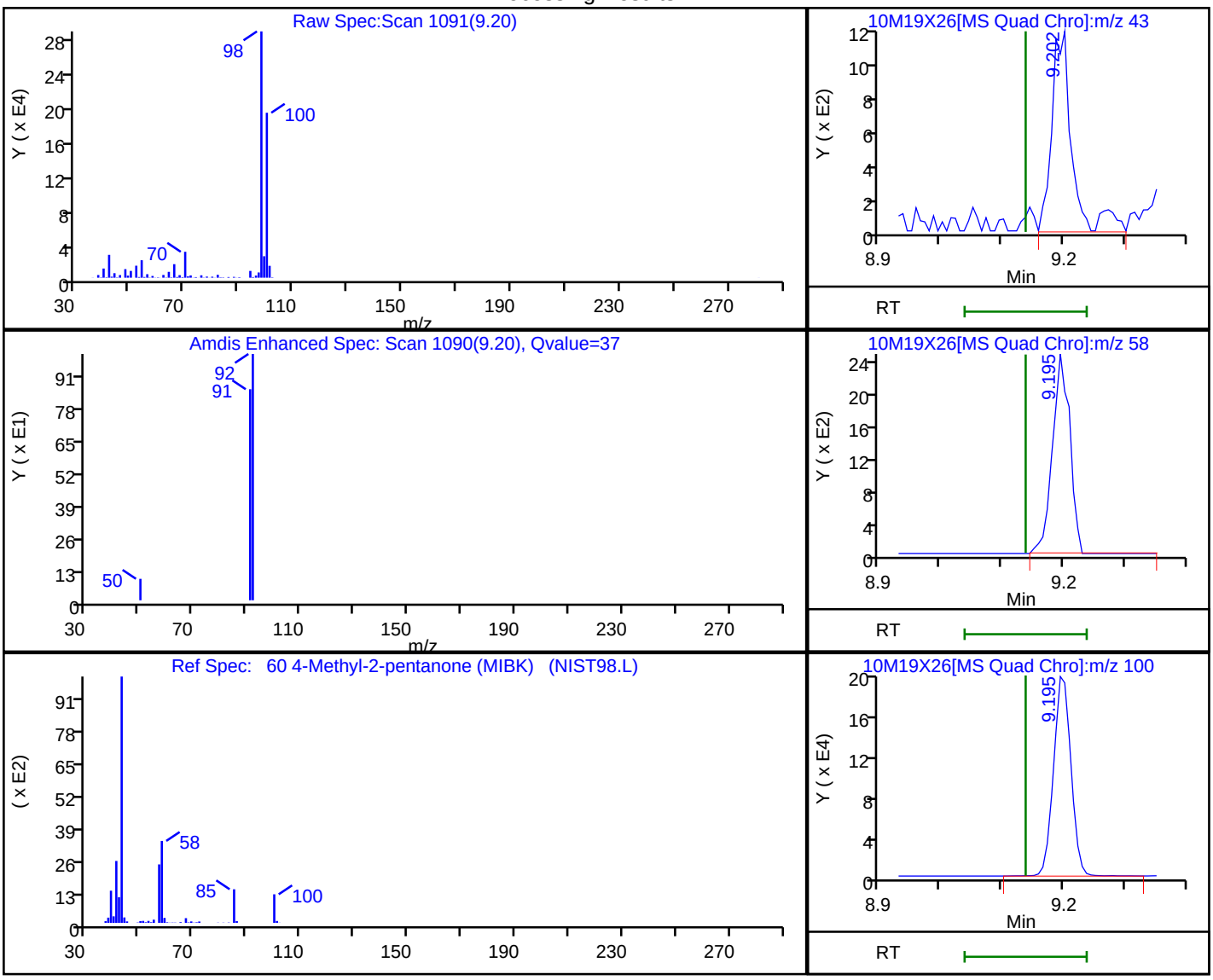
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	20-Mar-2026 00:13:18	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-4	Lab Sample ID:	410-271307-4		
Client ID:	1448				
Operator ID:	cv118168	ALS Bottle#:	20	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.20	43.00	2567	0.098035
9.19	58.00	4765	
9.19	100.00	388064	

Reviewer: XU8K, 20-Mar-2026 18:21:27 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

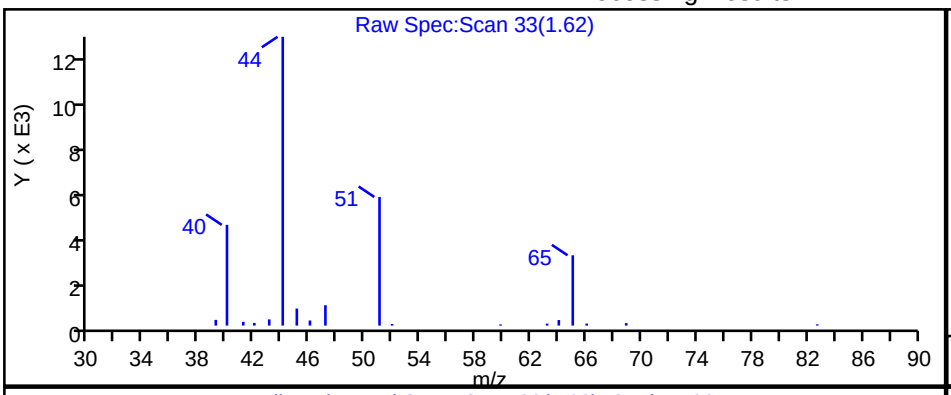
User Disabled Compound Report

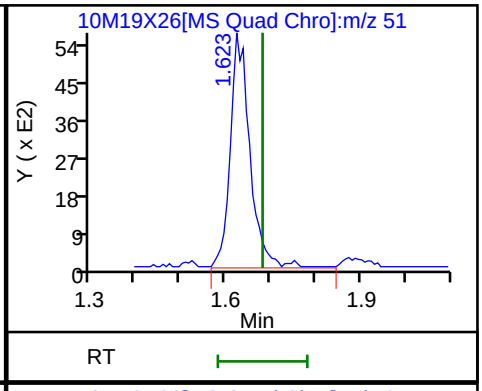
Eurofins Lancaster Laboratories Environment Testing, LLC

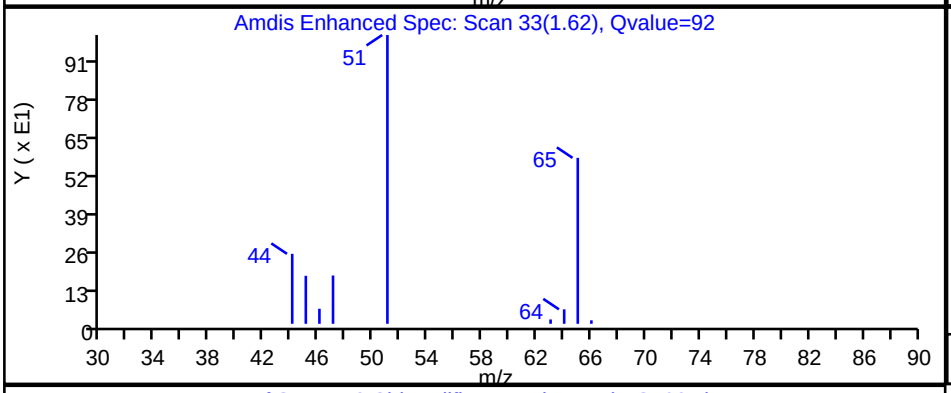
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Injection Date:	20-Mar-2026 00:13:18	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-4	Lab Sample ID:	410-271307-4		
Client ID:	1448				
Operator ID:	cv118168	ALS Bottle#:	20	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

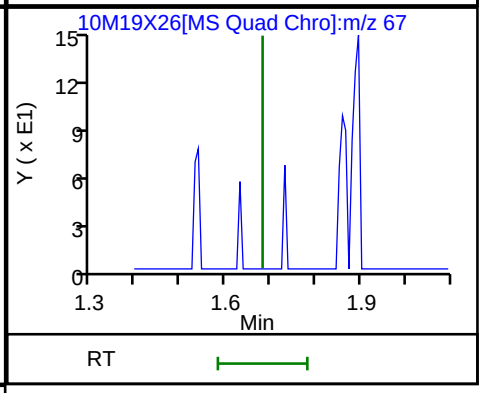
3 Chlorodifluoromethane, CAS: 75-45-6

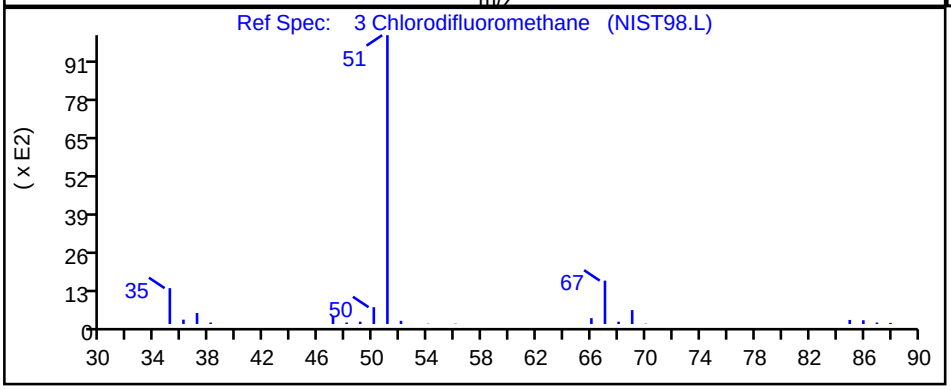
Processing Results











RT	Mass	Response	Amount
1.62	51.00	17038	1.128420
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 18:20:42 -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

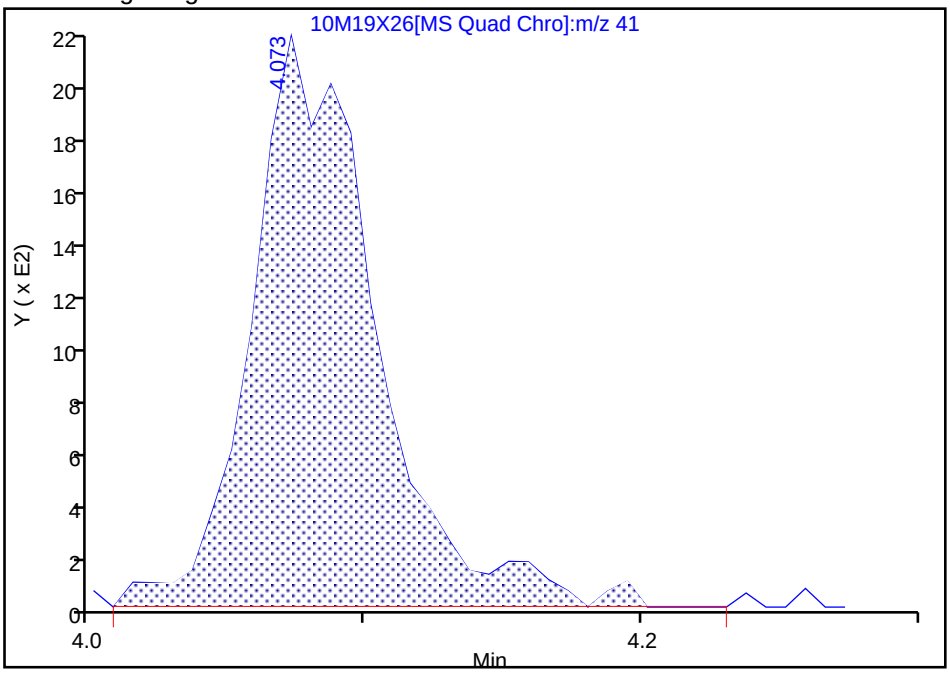
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Injection Date:	20-Mar-2026 00:13:18	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-4	Lab Sample ID:	410-271307-4		
Client ID:	1448				
Operator ID:	cv118168	ALS Bottle#:	20	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

28 Acetonitrile, CAS: 75-05-8

Signal: 1

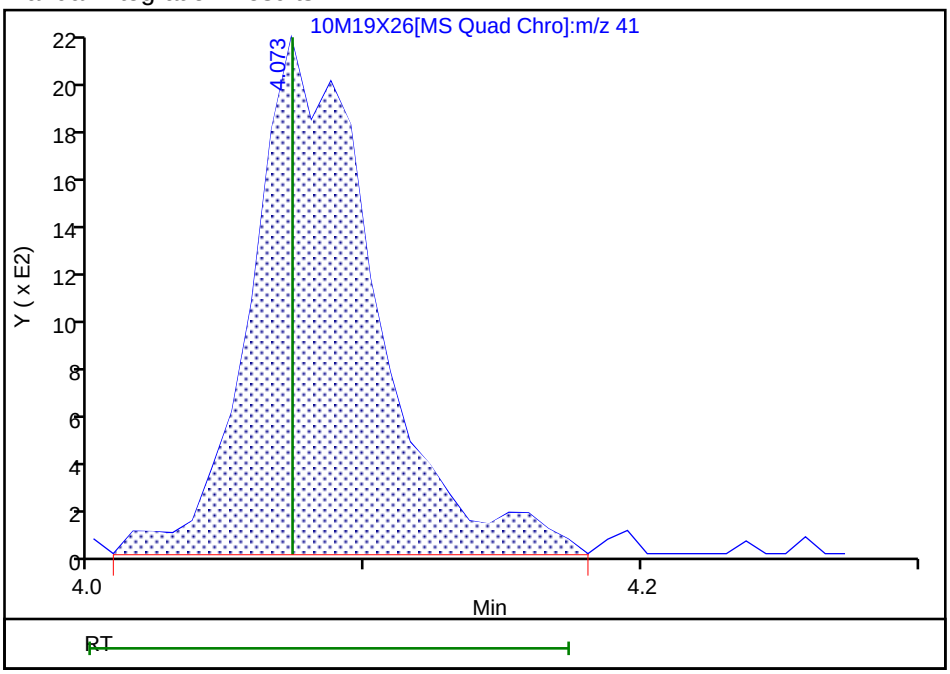
Processing Integration Results

RT: 4.07
Area: 6665
Amount: 0.884987
Amount Units: ppb v/v



Manual Integration Results

RT: 4.07
Area: 6599
Amount: 0.876224
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:21:10 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

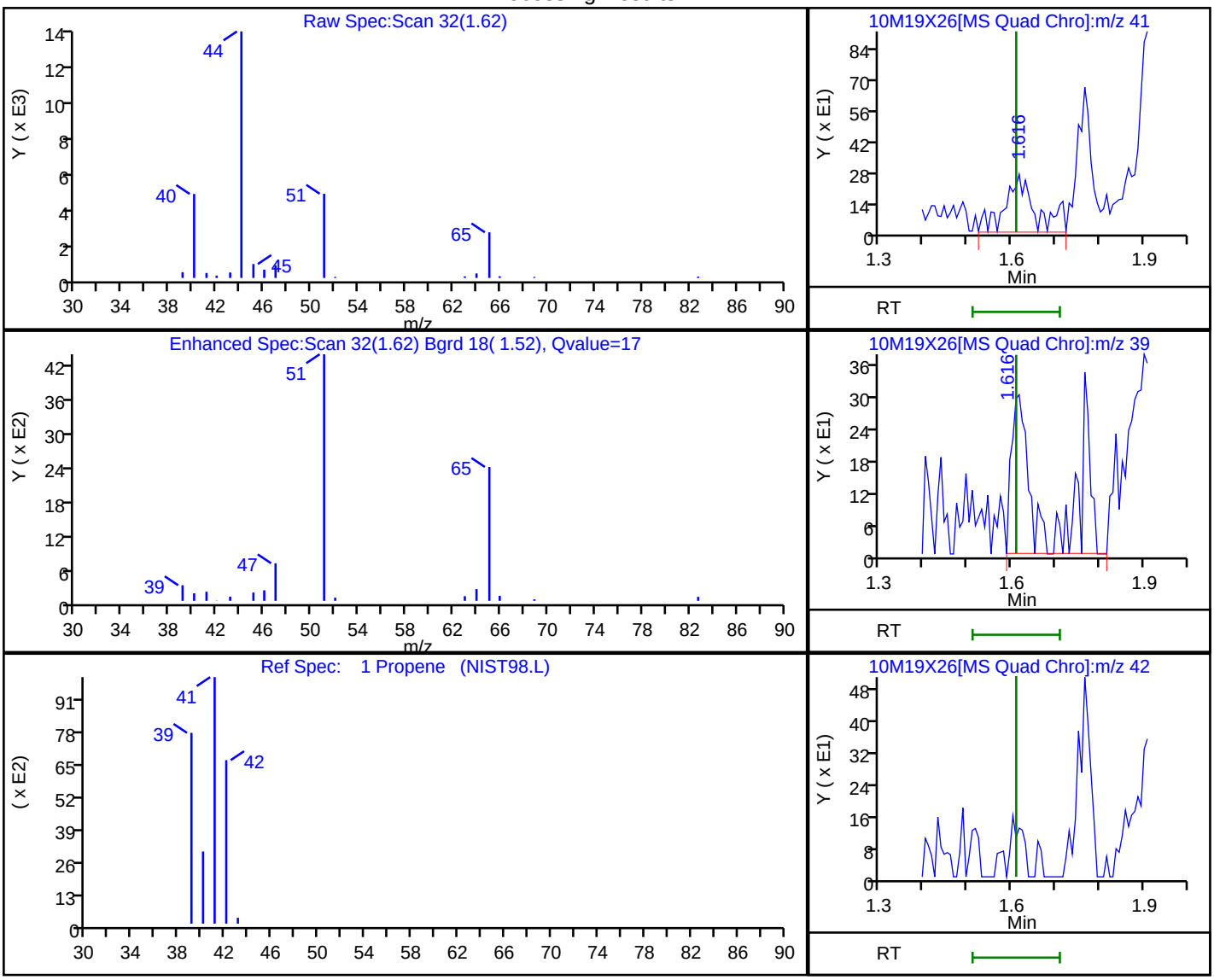
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X26.D				
Injection Date:	20-Mar-2026 00:13:18	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-4	Lab Sample ID:	410-271307-4		
Client ID:	1448				
Operator ID:	cv118168	ALS Bottle#:	20	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
1.62	41.00	1237	0.158034
1.62	39.00	1435	
1.61	42.00	0	

Reviewer: XU8K, 20-Mar-2026 18:20:38 -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

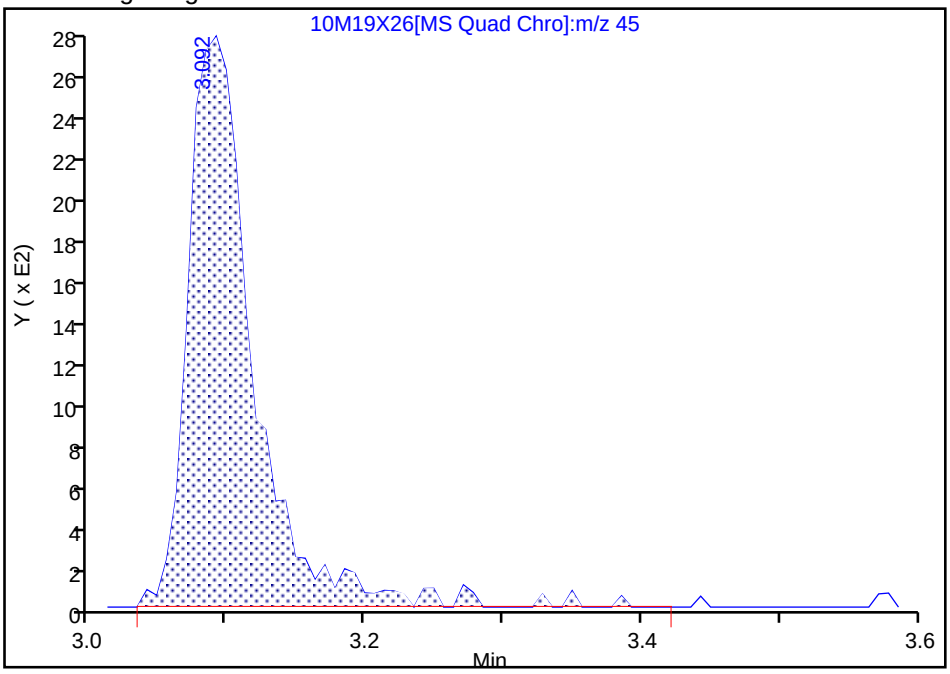
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Injection Date:	20-Mar-2026 00:13:18	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-4	Lab Sample ID:	410-271307-4		
Client ID:	1448				
Operator ID:	cv118168	ALS Bottle#:	20	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

14 Ethanol, CAS: 64-17-5

Signal: 1

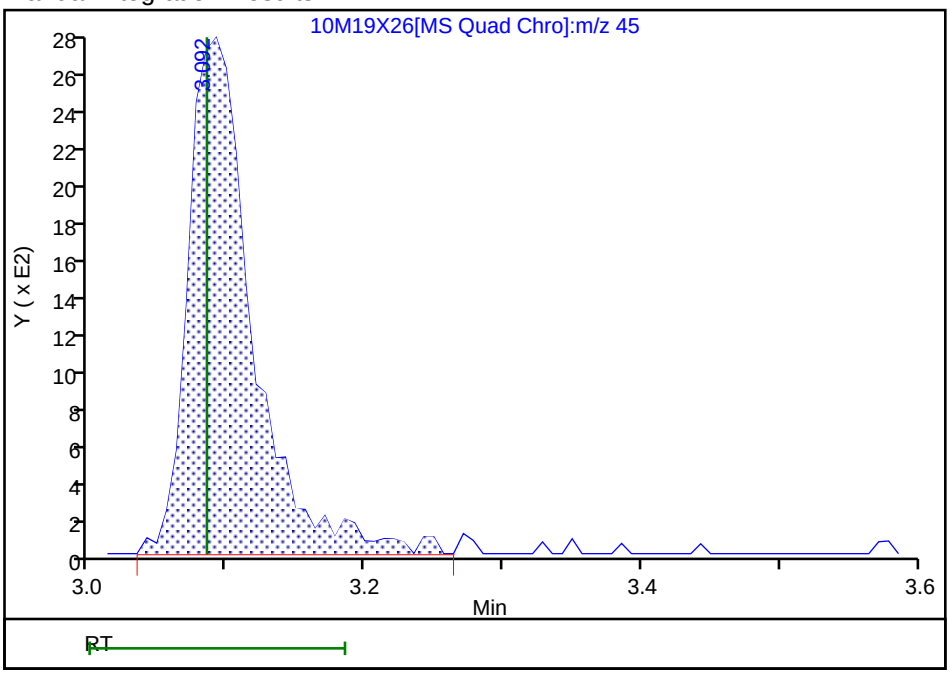
Processing Integration Results

RT: 3.09
Area: 9163
Amount: 2.903082
Amount Units: ppb v/v



Manual Integration Results

RT: 3.09
Area: 9001
Amount: 2.851757
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:20:51 -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.: 410-271307-1

SDG No.:

Client Sample ID: 866 Lab Sample ID: 410-271307-5

Matrix: Air Lab File ID: 10M19X27.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 00:37

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 866 Lab Sample ID: 410-271307-5

Matrix: Air Lab File ID: 10M19X27.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 00:37

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 866 Lab Sample ID: 410-271307-5

Matrix: Air Lab File ID: 10M19X27.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 00:37

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	2.9	cn	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\HP4RA38\20260318-179351.b\10M19X27.D				
Lims ID:	410-271307-A-5				
Client ID:	866				
Sample Type:	Client				
Inject. Date:	20-Mar-2026 00:37:21	ALS Bottle#:	21	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc866				
Misc. Info.:	410-0179351-026				
Operator ID:	cv118168	Instrument ID:	HP4RA38		
Method:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m				
Limit Group:	MSV - TO15				
Last Update:	20-Mar-2026 18:34:03	Calib Date:	07-Feb-2026 16:55:22		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1625				
First Level Reviewer: XU8K		Date:	20-Mar-2026 18:23:22		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
23 Acetone	43	3.601	3.608	0.007	99	8669	0.5360	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	53506	2.94	
28 Acetonitrile	41	4.081	4.073	0.007	99	5207	0.6925	M
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	140013	10.0	
* 50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	559909	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	527514	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

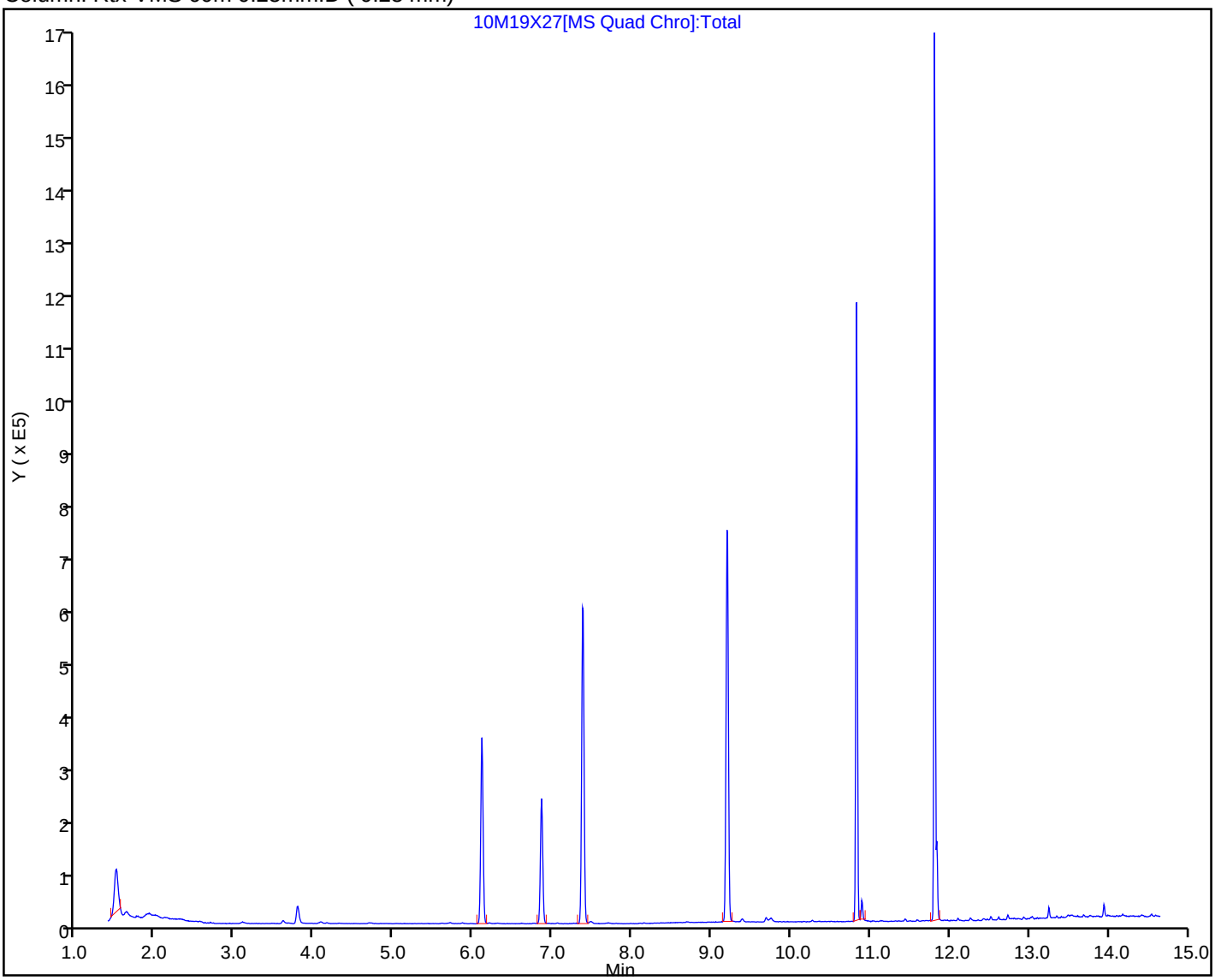
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:32 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X27.D				
Injection Date:	20-Mar-2026 00:37:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-5	Lab Sample ID:	410-271307-5		
Client ID:	866				
Operator ID:	cv118168	ALS Bottle#:	21	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

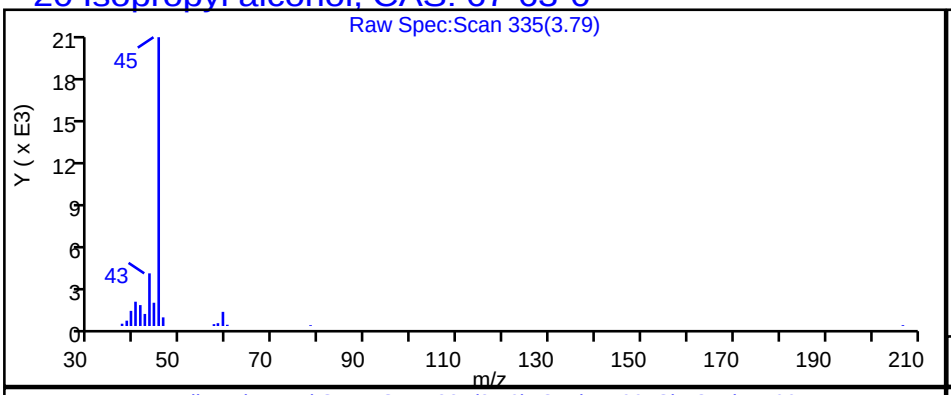


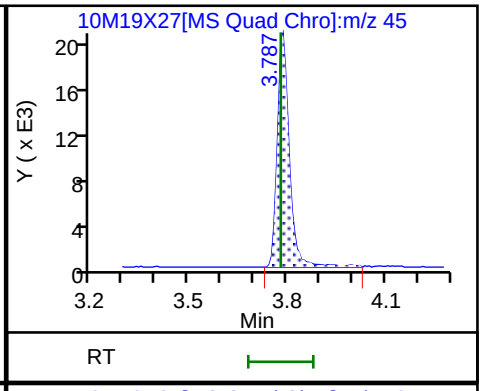
Report Date: 20-Mar-2026 20:38:33 Chrom Revision: 2.3 18-Mar-2026 19:51:28

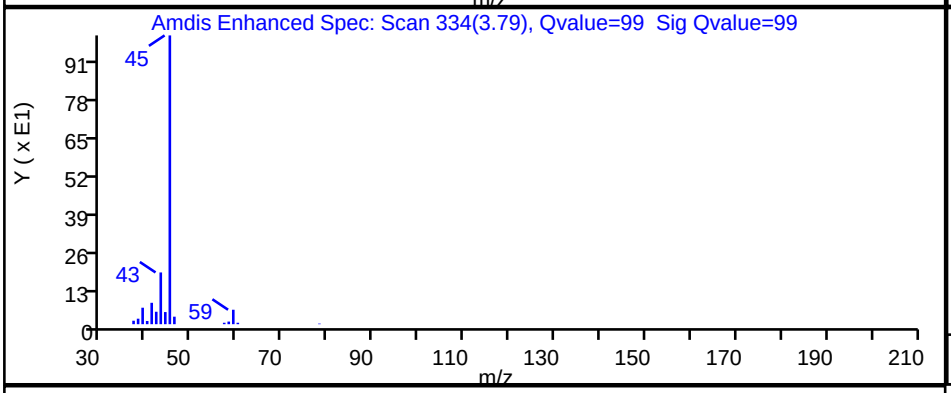
Eurofins Lancaster Laboratories Environment Testing, LLC

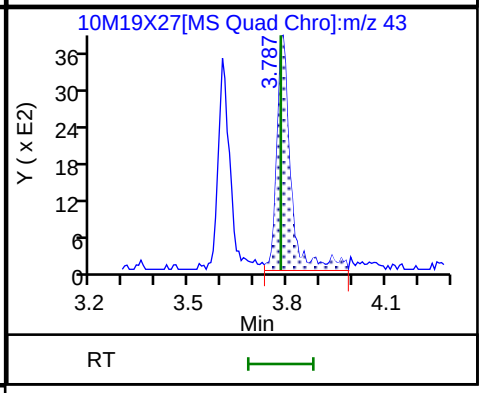
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Injection Date:	20-Mar-2026 00:37:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-5	Lab Sample ID:	410-271307-5		
Client ID:	866				
Operator ID:	cv118168	ALS Bottle#:	21	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

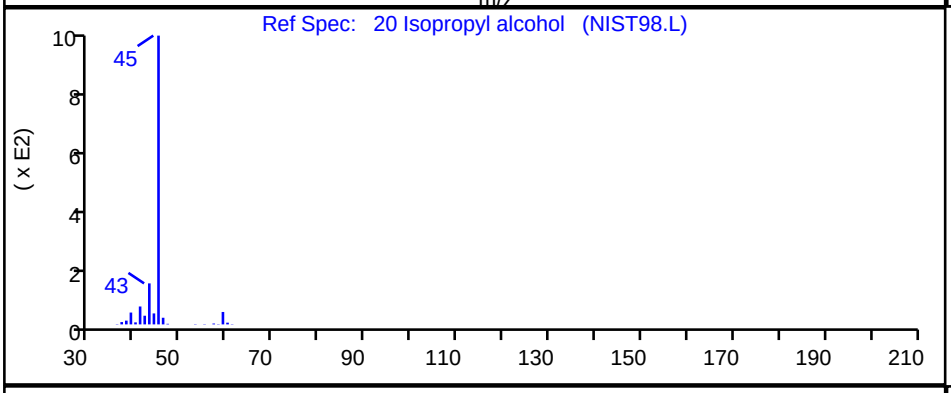
20 Isopropyl alcohol, CAS: 67-63-0

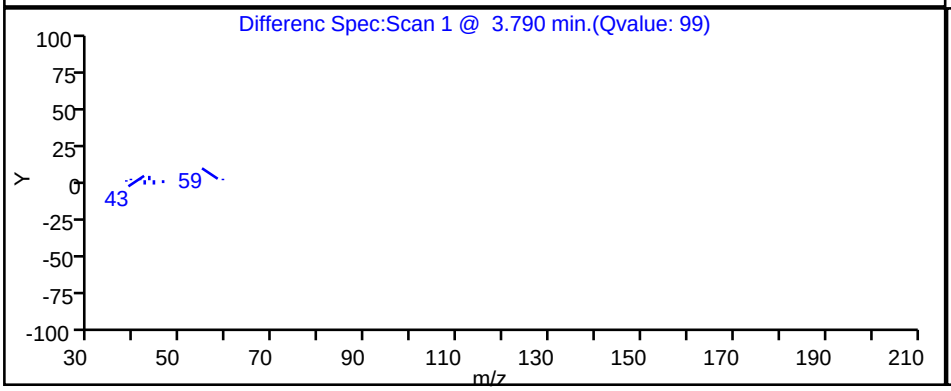


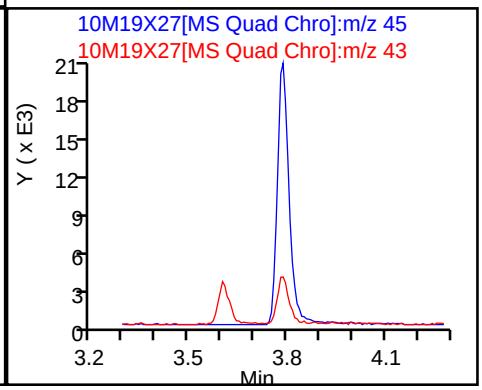












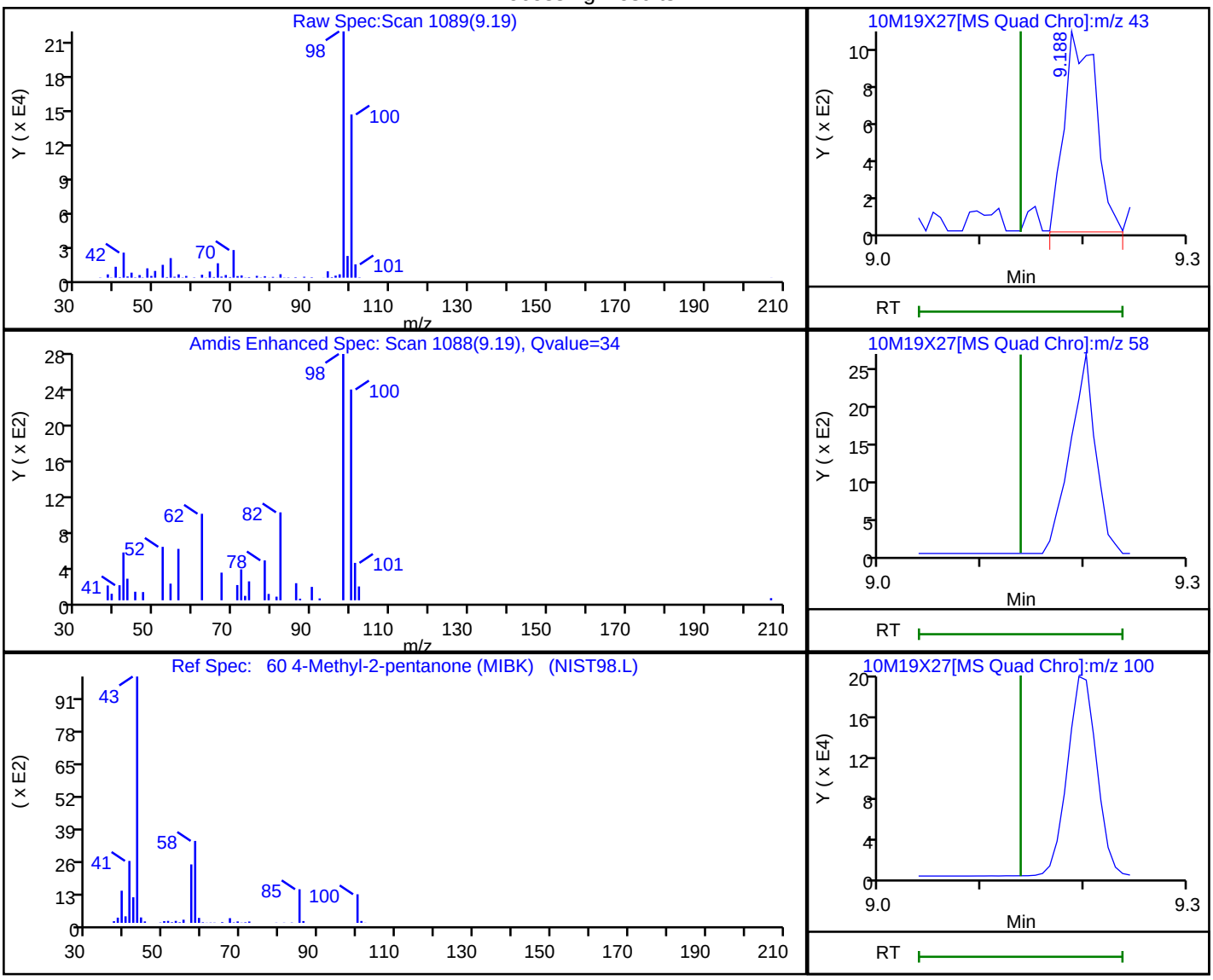
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X27.D				
Injection Date:	20-Mar-2026 00:37:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-5	Lab Sample ID:	410-271307-5		
Client ID:	866				
Operator ID:	cv118168	ALS Bottle#:	21	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.19	43.00	2266	0.086324
9.20	58.00	4620	
9.20	100.00	390016	

Reviewer: XU8K, 20-Mar-2026 18:22:57 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

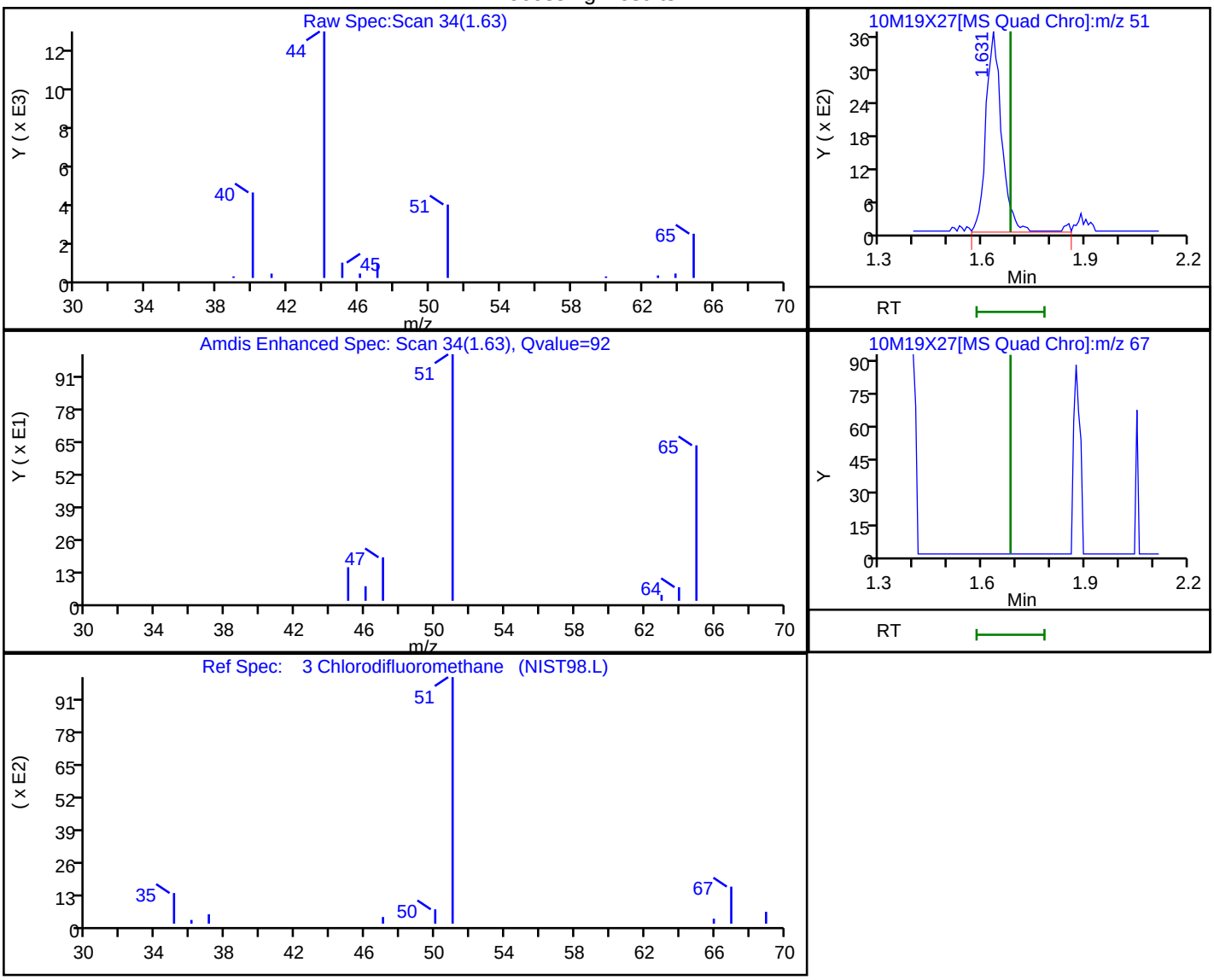
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X27.D				
Injection Date:	20-Mar-2026 00:37:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-5	Lab Sample ID:	410-271307-5		
Client ID:	866				
Operator ID:	cv118168	ALS Bottle#:	21	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.63	51.00	11622	0.770996
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 18:22:27 -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

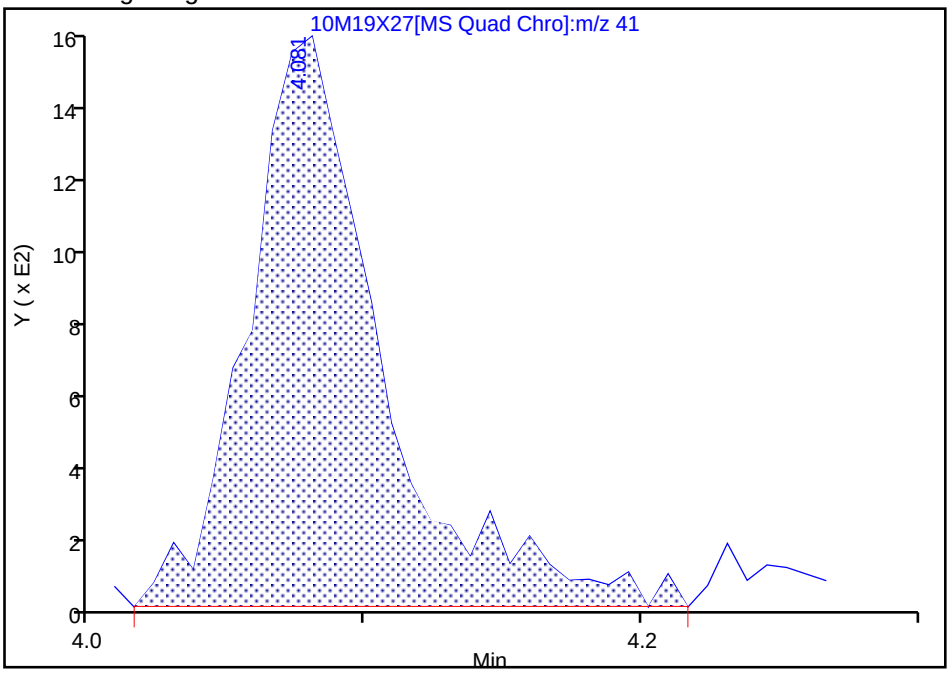
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X27.D				
Injection Date:	20-Mar-2026 00:37:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-5	Lab Sample ID:	410-271307-5		
Client ID:	866				
Operator ID:	cv118168	ALS Bottle#:	21	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

28 Acetonitrile, CAS: 75-05-8

Signal: 1

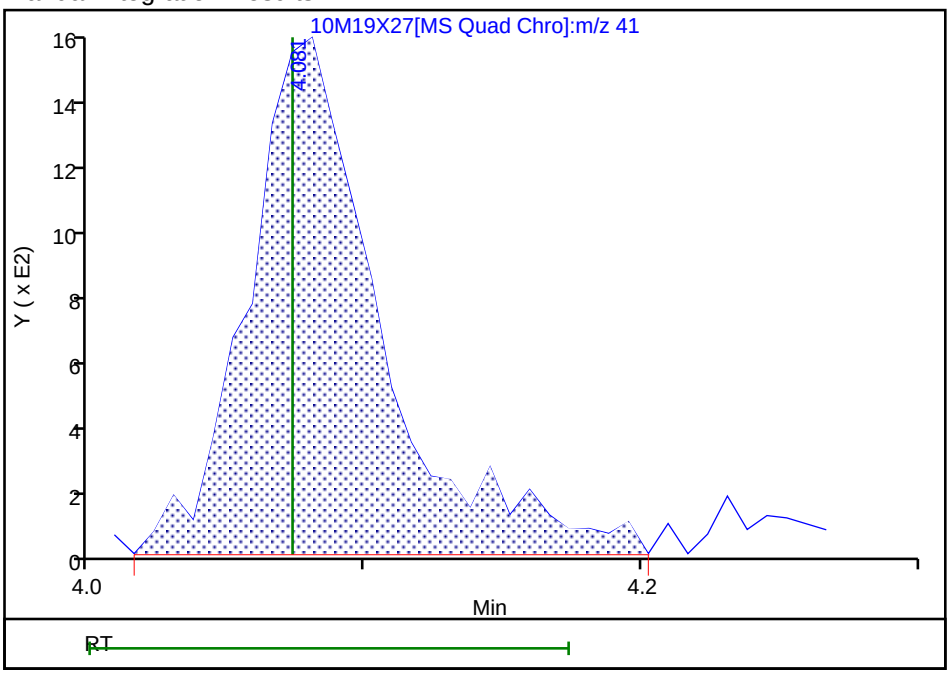
Processing Integration Results

RT: 4.08
Area: 5246
Amount: 0.697725
Amount Units: ppb v/v



Manual Integration Results

RT: 4.08
Area: 5207
Amount: 0.692538
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:22:44 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

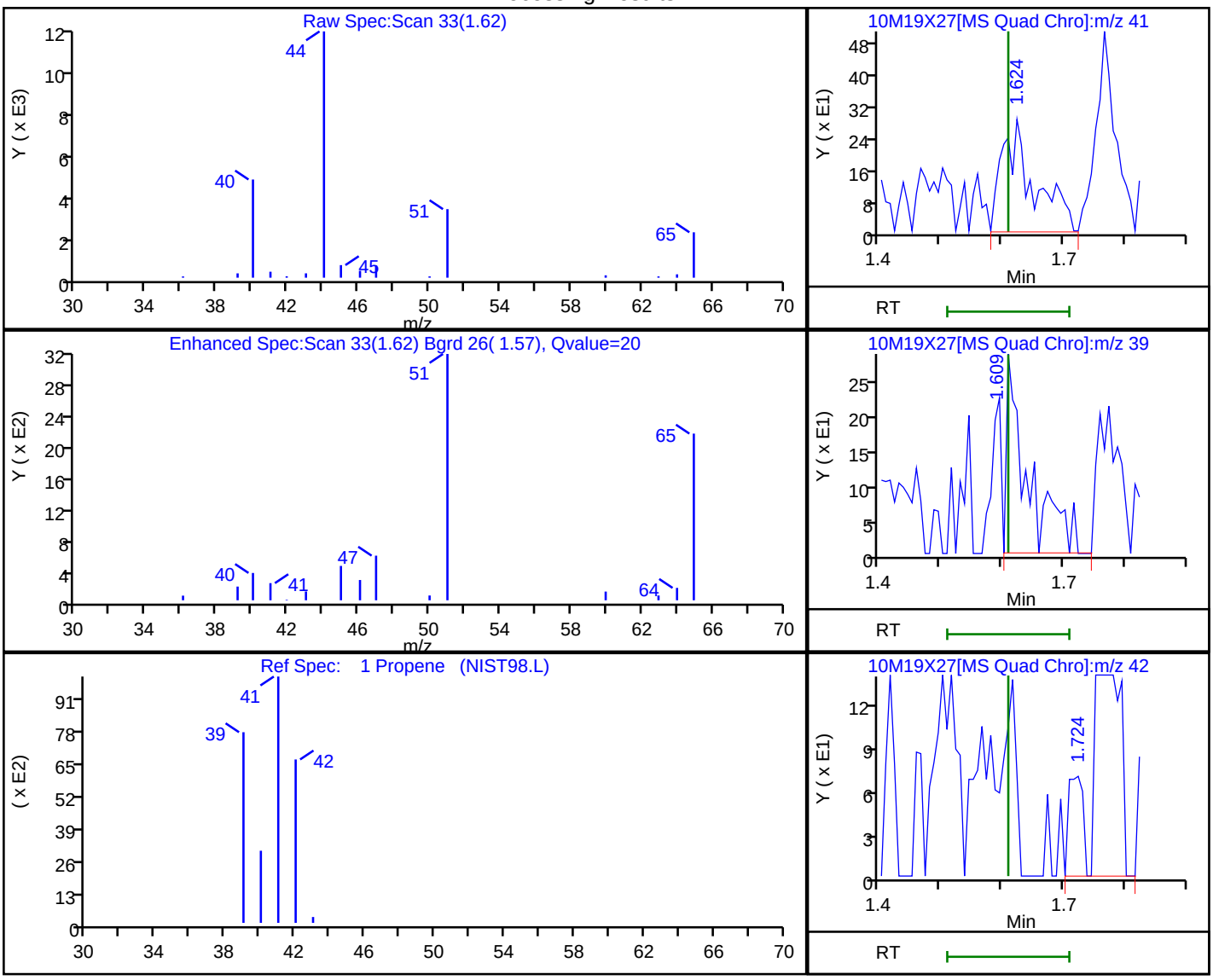
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X27.D				
Injection Date:	20-Mar-2026 00:37:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-5	Lab Sample ID:	410-271307-5		
Client ID:	866				
Operator ID:	cv118168	ALS Bottle#:	21	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
1.62	41.00	1007	0.128863
1.61	39.00	681	
1.72	42.00	684	

Reviewer: XU8K, 20-Mar-2026 18:22:22 -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.: 410-271307-1

SDG No.:

Client Sample ID: 3160 Lab Sample ID: 410-271307-6

Matrix: Air Lab File ID: 10M19X28.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 01:01

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 3160 Lab Sample ID: 410-271307-6

Matrix: Air Lab File ID: 10M19X28.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 01:01

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 3160 Lab Sample ID: 410-271307-6

Matrix: Air Lab File ID: 10M19X28.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 01:01

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	3.7	cn	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	14	*+ cn	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\HP4RA38\20260318-179351.b\10M19X28.D
Lims ID: 410-271307-A-6
Client ID: 3160
Sample Type: Client
Inject. Date: 20-Mar-2026 01:01:26 ALS Bottle#: 22 Worklist Smp#: 27
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc3160
Misc. Info.: 410-0179351-027
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: D7UM Date: 20-Mar-2026 07:20:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
14 Ethanol	45	3.085	3.085	0.000	99	45032	14.2	M
23 Acetone	43	3.608	3.608	0.014	97	7249	0.4465	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	67216	3.68	M
28 Acetonitrile	41	4.081	4.073	0.007	99	5480	0.7261	
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	140537	10.0	
37 Chloroform	83	6.208	6.208	0.000	86	1095	0.0464	
* 50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	567456	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	538804	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

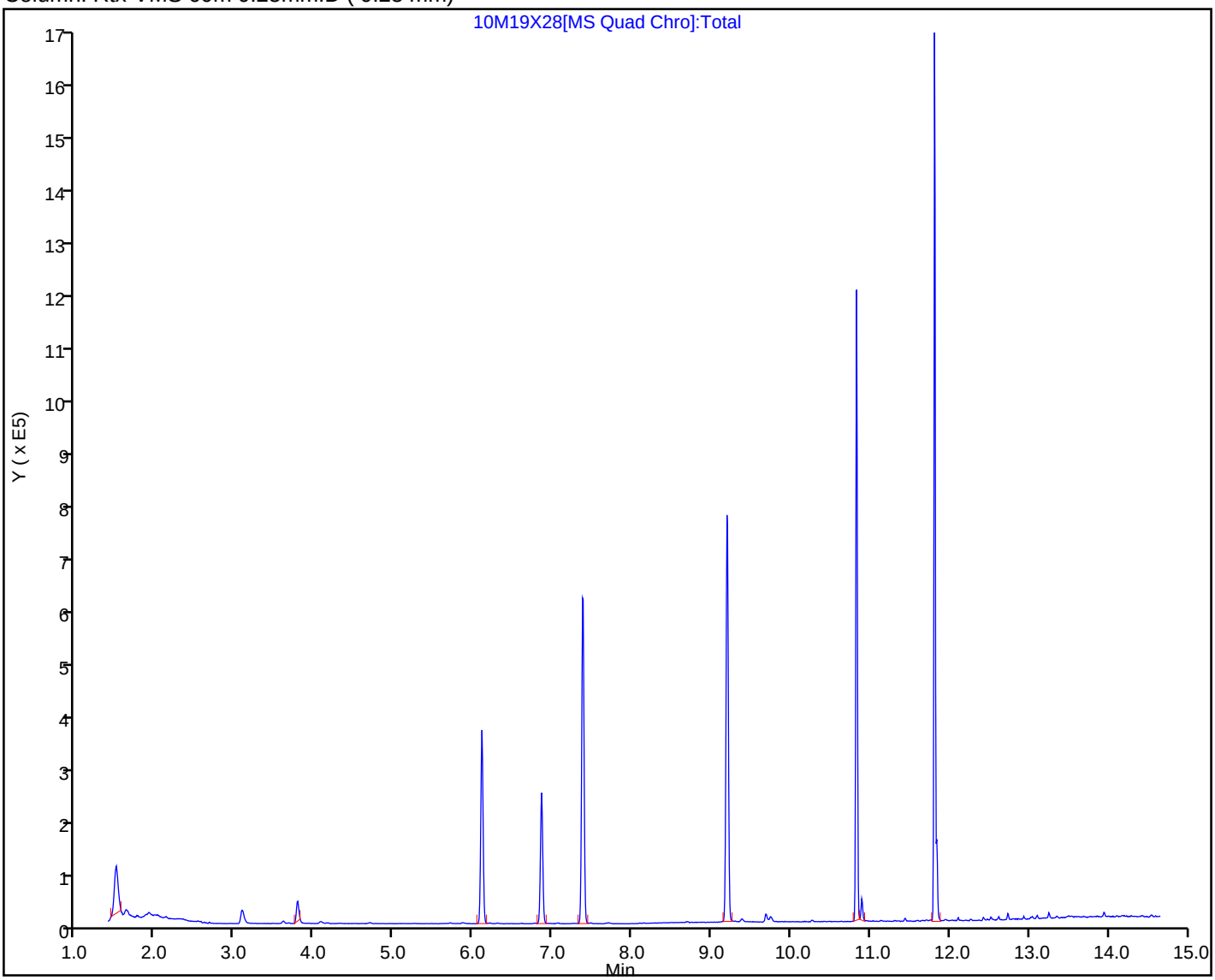
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:35 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X28.D				
Injection Date:	20-Mar-2026 01:01:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-6	Lab Sample ID:	410-271307-6		
Client ID:	3160				
Operator ID:	cv118168	ALS Bottle#:	22	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

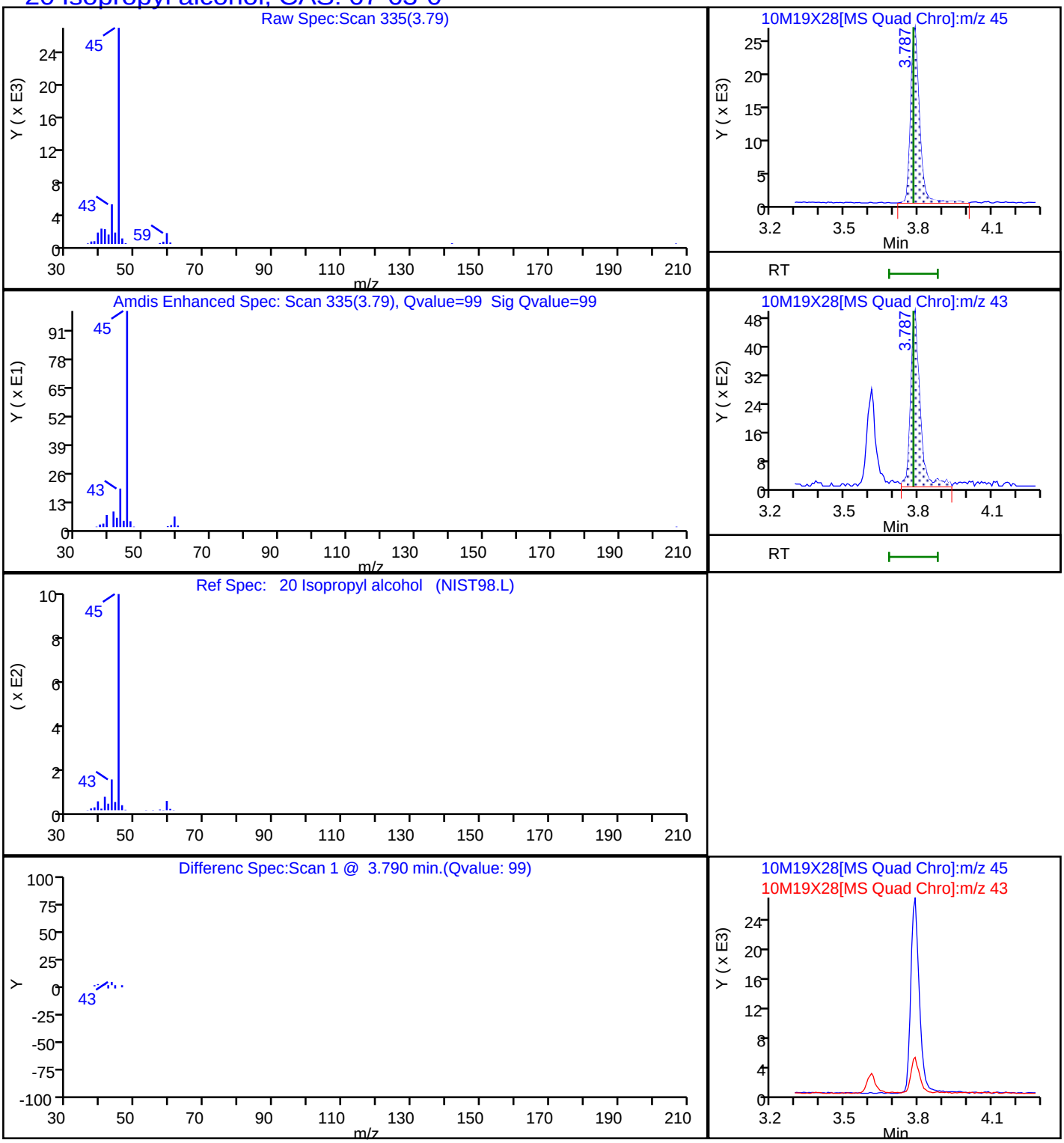


Report Date: 20-Mar-2026 20:38:35 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X28.D				
Injection Date:	20-Mar-2026 01:01:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-6	Lab Sample ID:	410-271307-6		
Client ID:	3160				
Operator ID:	cv118168	ALS Bottle#:	22	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

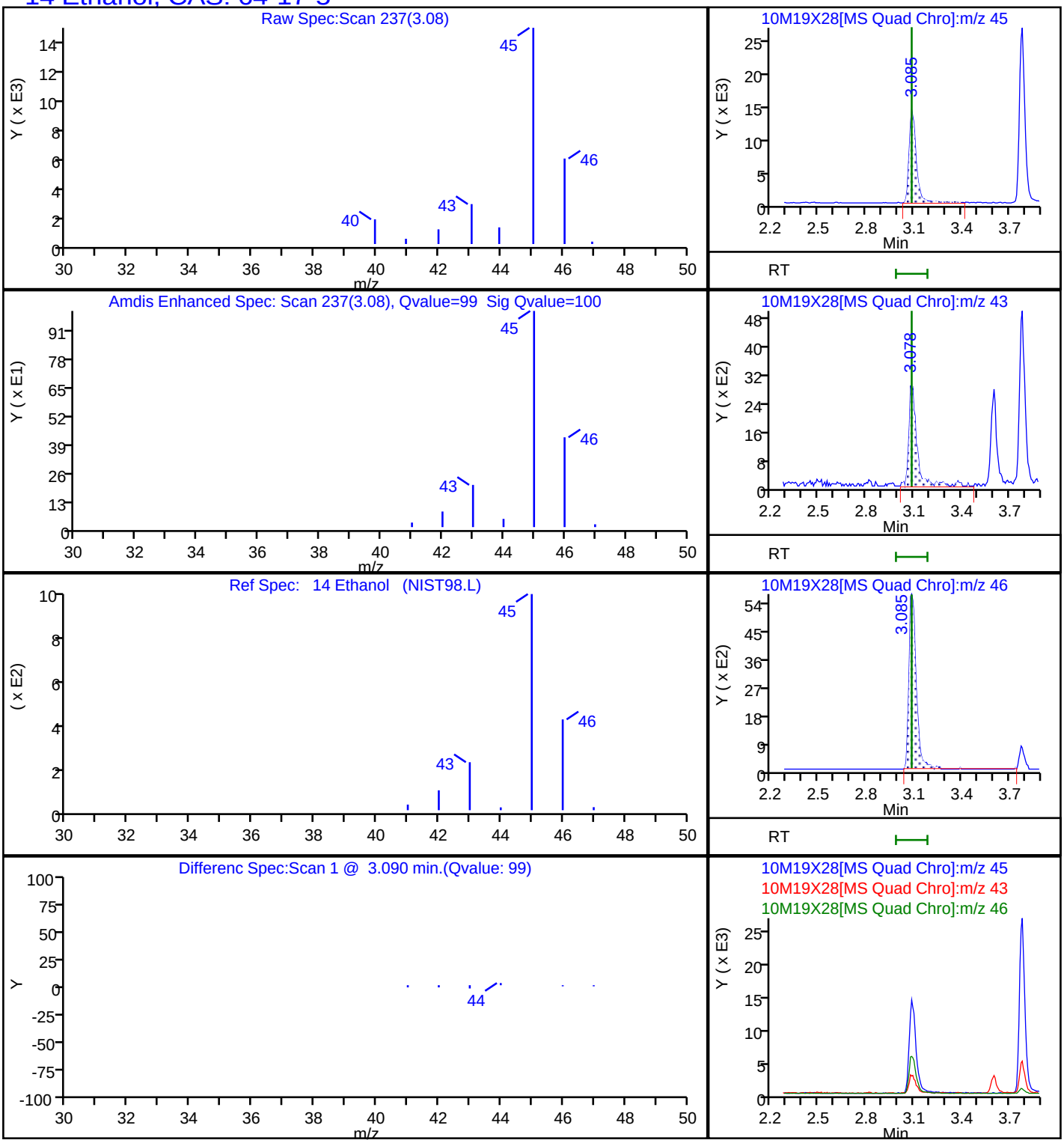


Report Date: 20-Mar-2026 20:38:35 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X28.D				
Injection Date:	20-Mar-2026 01:01:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-6	Lab Sample ID:	410-271307-6		
Client ID:	3160				
Operator ID:	cv118168	ALS Bottle#:	22	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

14 Ethanol, CAS: 64-17-5



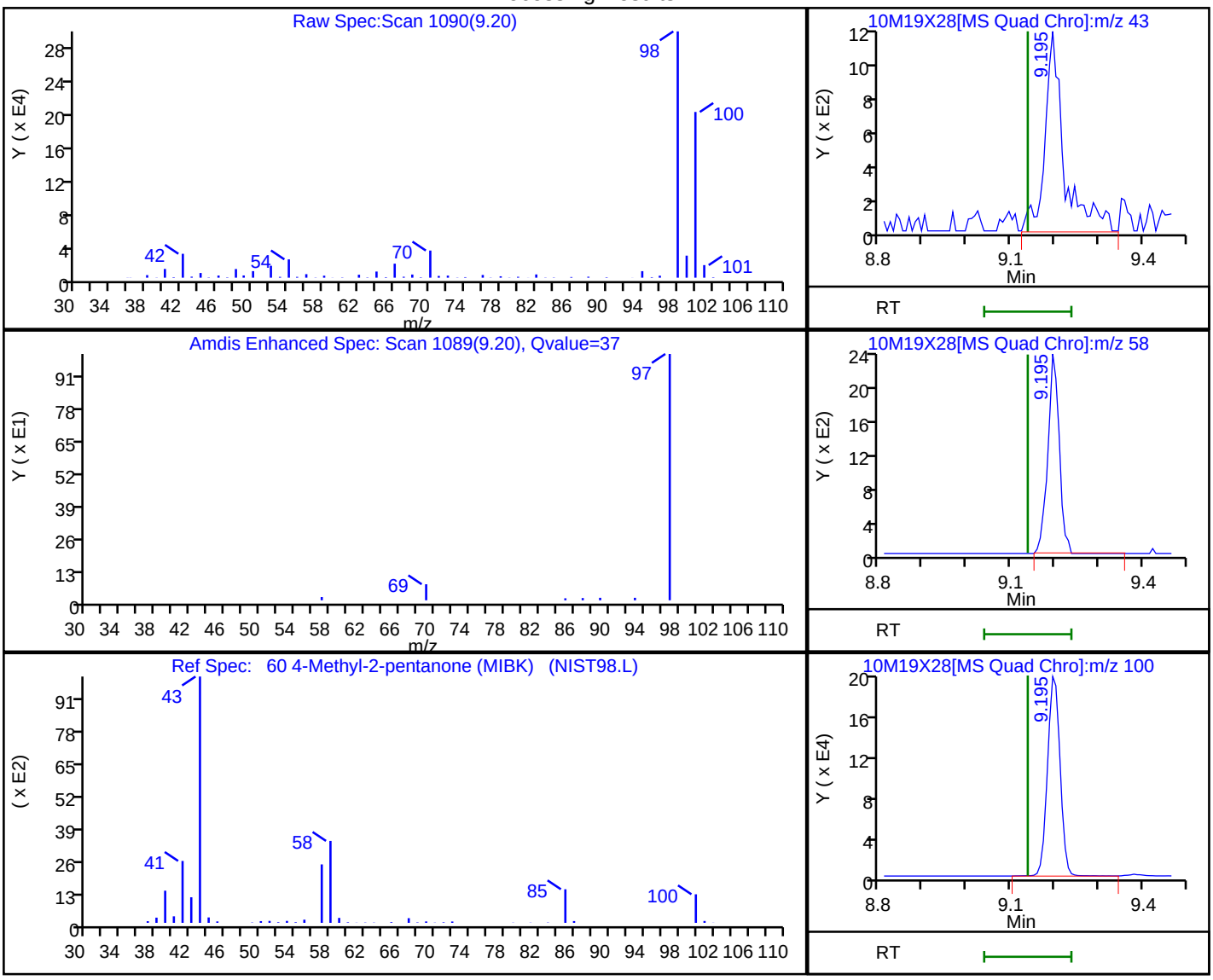
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X28.D				
Injection Date:	20-Mar-2026 01:01:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-6	Lab Sample ID:	410-271307-6		
Client ID:	3160				
Operator ID:	cv118168	ALS Bottle#:	22	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.20	43.00	3636	0.136673
9.20	58.00	4350	
9.20	100.00	397204	

Reviewer: XU8K, 20-Mar-2026 18:24:31 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

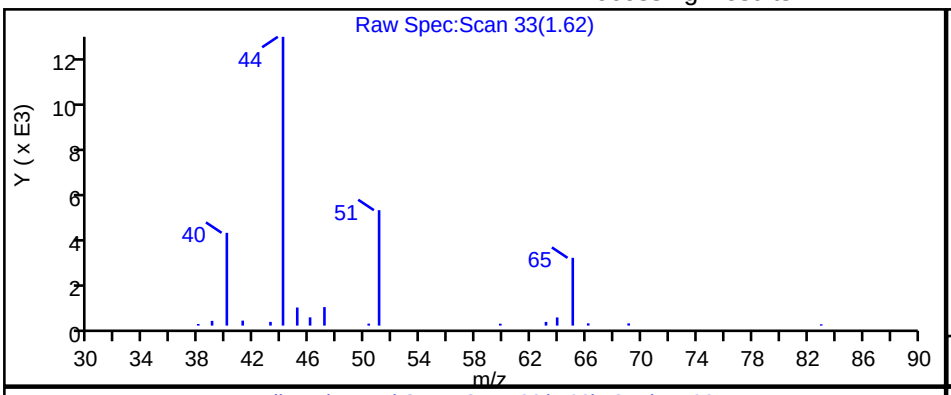
User Disabled Compound Report

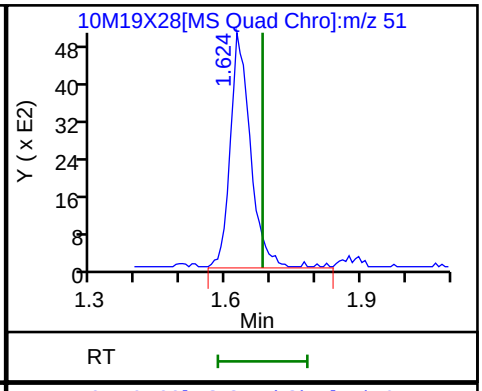
Eurofins Lancaster Laboratories Environment Testing, LLC

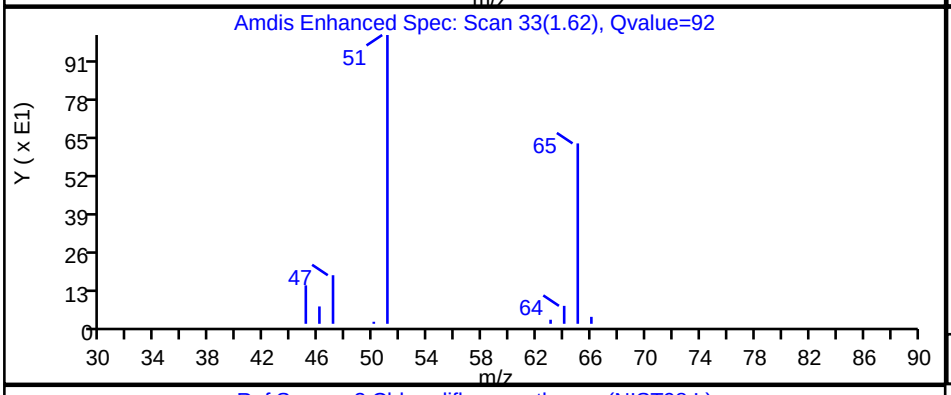
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Injection Date:	20-Mar-2026 01:01:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-6	Lab Sample ID:	410-271307-6		
Client ID:	3160				
Operator ID:	cv118168	ALS Bottle#:	22	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

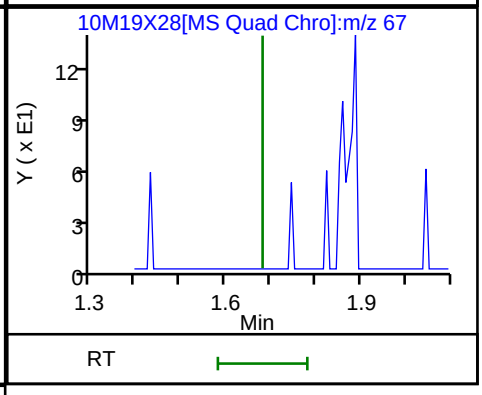
3 Chlorodifluoromethane, CAS: 75-45-6

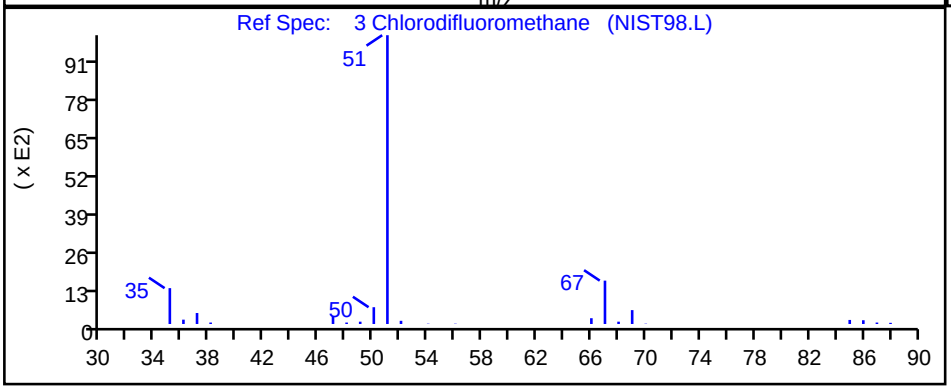
Processing Results











RT	Mass	Response	Amount
1.62	51.00	15532	1.026541
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 18:23:38 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

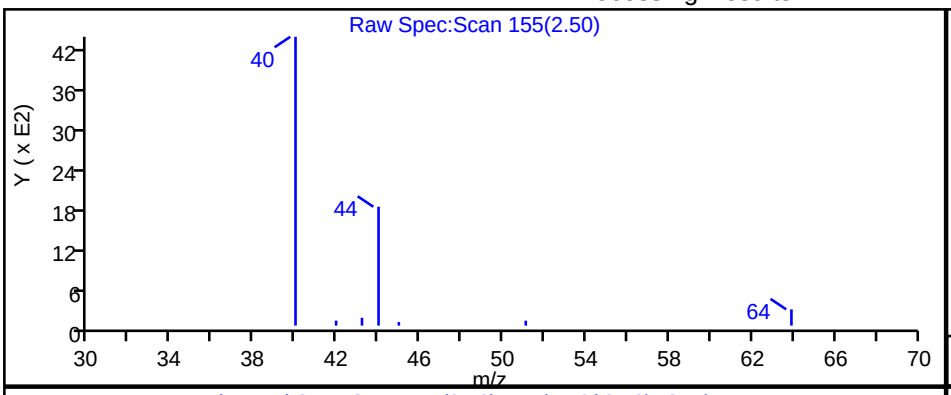
User Disabled Compound Report

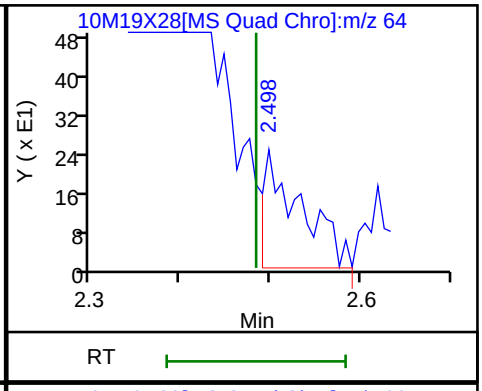
Eurofins Lancaster Laboratories Environment Testing, LLC

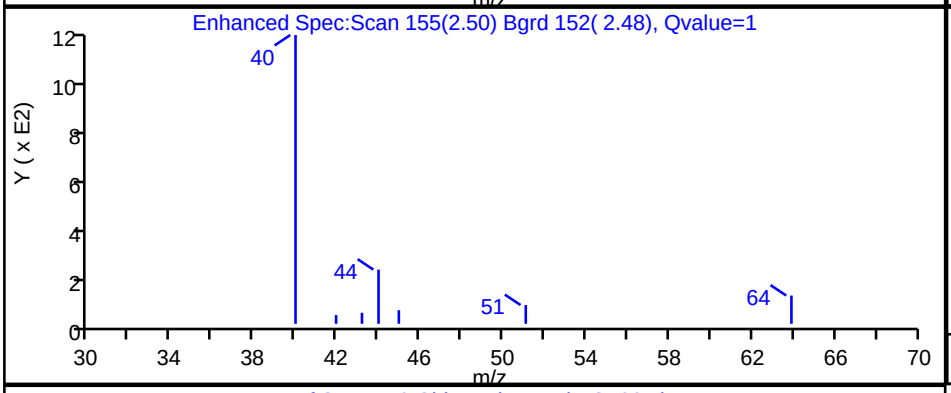
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X28.D				
Injection Date:	20-Mar-2026 01:01:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-6	Lab Sample ID:	410-271307-6		
Client ID:	3160				
Operator ID:	cv118168	ALS Bottle#:	22	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

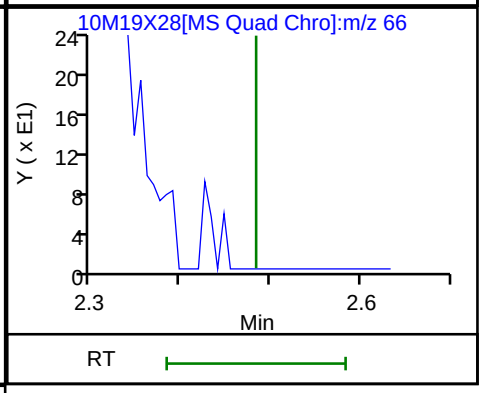
9 Chloroethane, CAS: 75-00-3

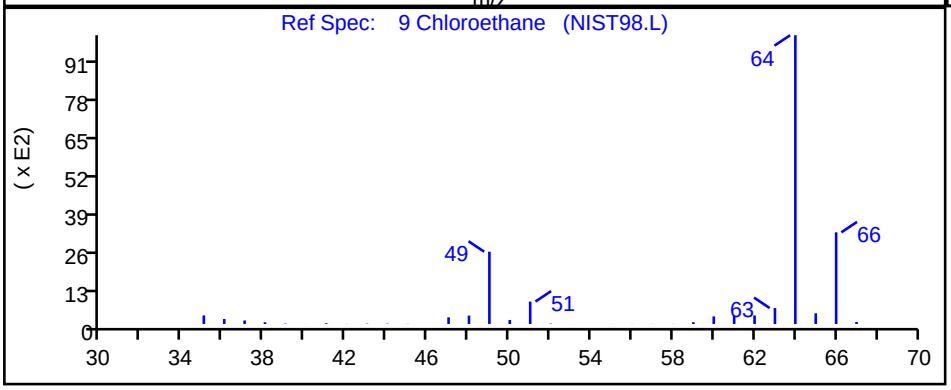
Processing Results











RT	Mass	Response	Amount
2.50	64.00	665	0.096403
2.48	66.00	0	

Reviewer: XU8K, 20-Mar-2026 18:23:45 -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

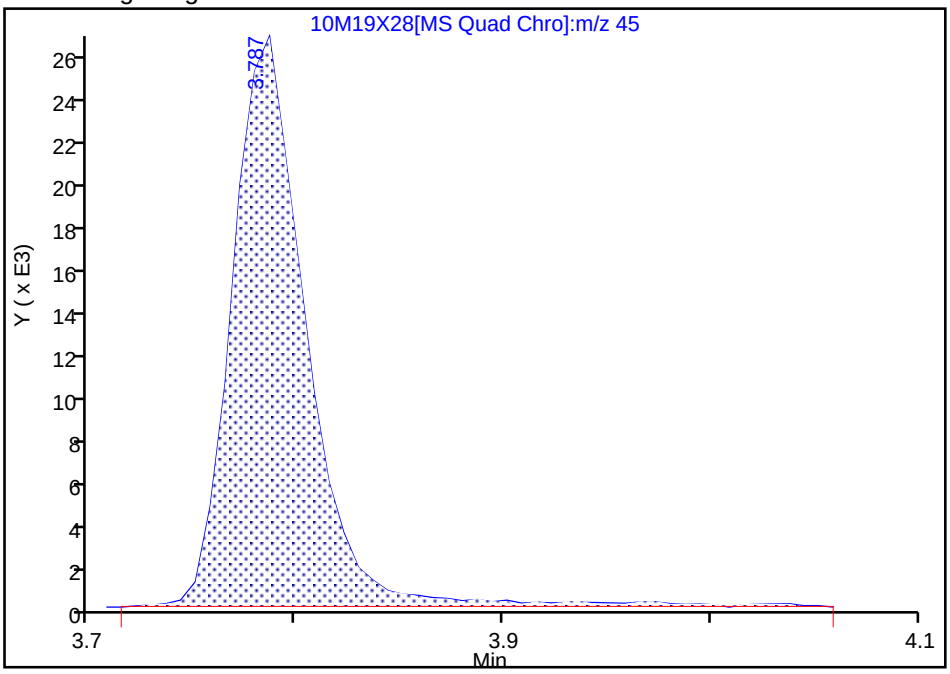
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X28.D				
Injection Date:	20-Mar-2026 01:01:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-6	Lab Sample ID:	410-271307-6		
Client ID:	3160				
Operator ID:	cv118168	ALS Bottle#:	22	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

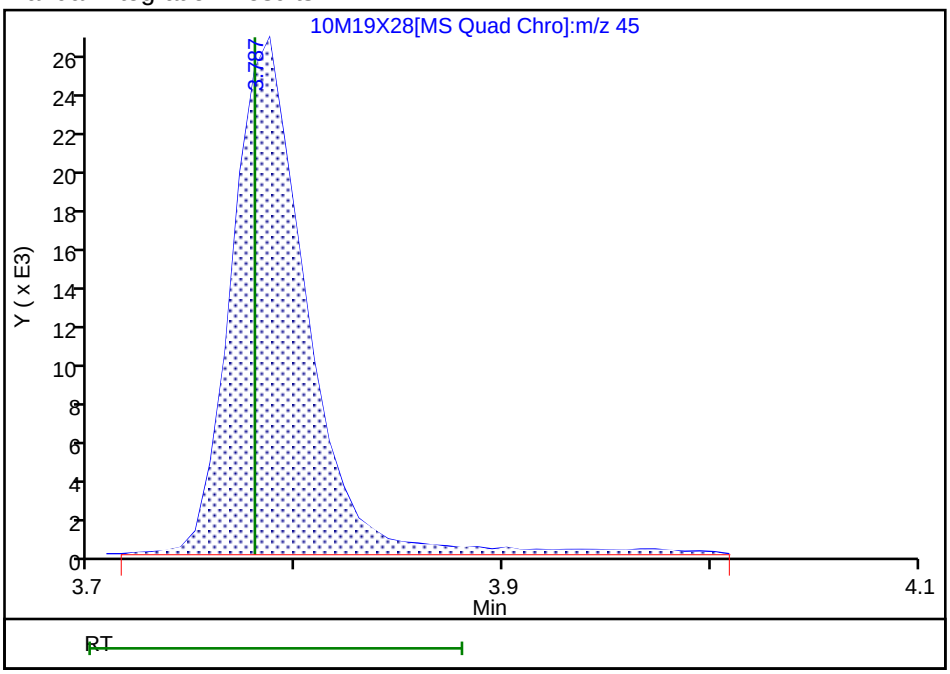
Processing Integration Results

RT: 3.79
Area: 67518
Amount: 3.692620
Amount Units: ppb v/v



Manual Integration Results

RT: 3.79
Area: 67216
Amount: 3.676104
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:24:12 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

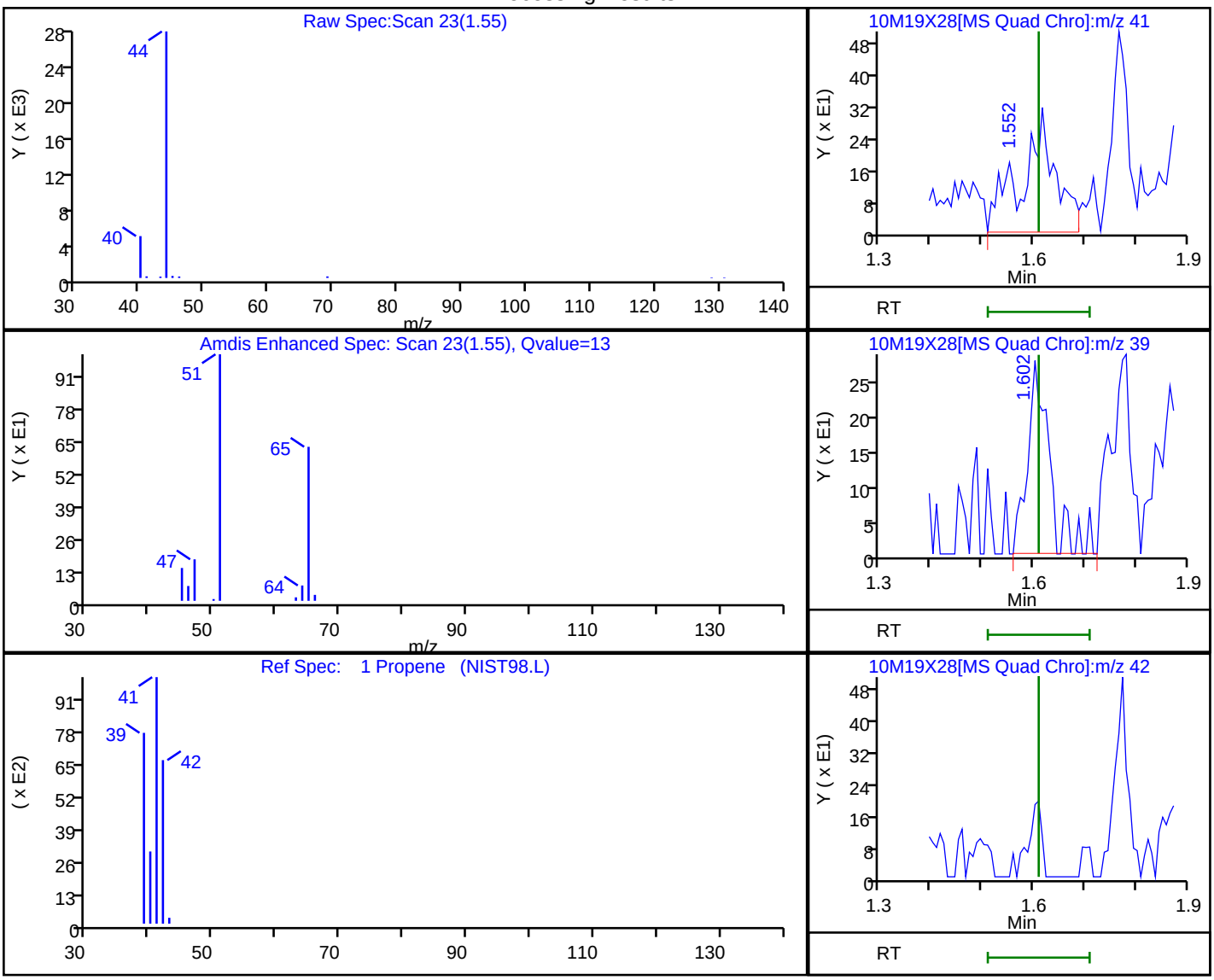
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X28.D				
Injection Date:	20-Mar-2026 01:01:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-6	Lab Sample ID:	410-271307-6		
Client ID:	3160				
Operator ID:	cv118168	ALS Bottle#:	22	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
1.55	41.00	1383	0.176319
1.60	39.00	820	
1.61	42.00	0	

Reviewer: XU8K, 20-Mar-2026 18:23:35 -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

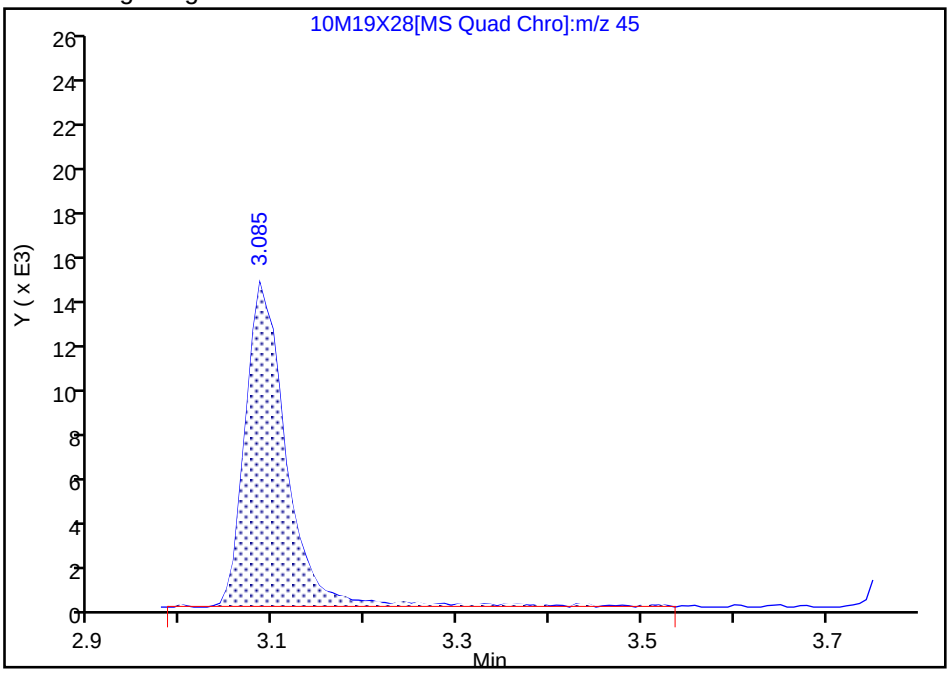
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X28.D				
Injection Date:	20-Mar-2026 01:01:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-6	Lab Sample ID:	410-271307-6		
Client ID:	3160				
Operator ID:	cv118168	ALS Bottle#:	22	Worklist Smp#:	27
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

14 Ethanol, CAS: 64-17-5

Signal: 1

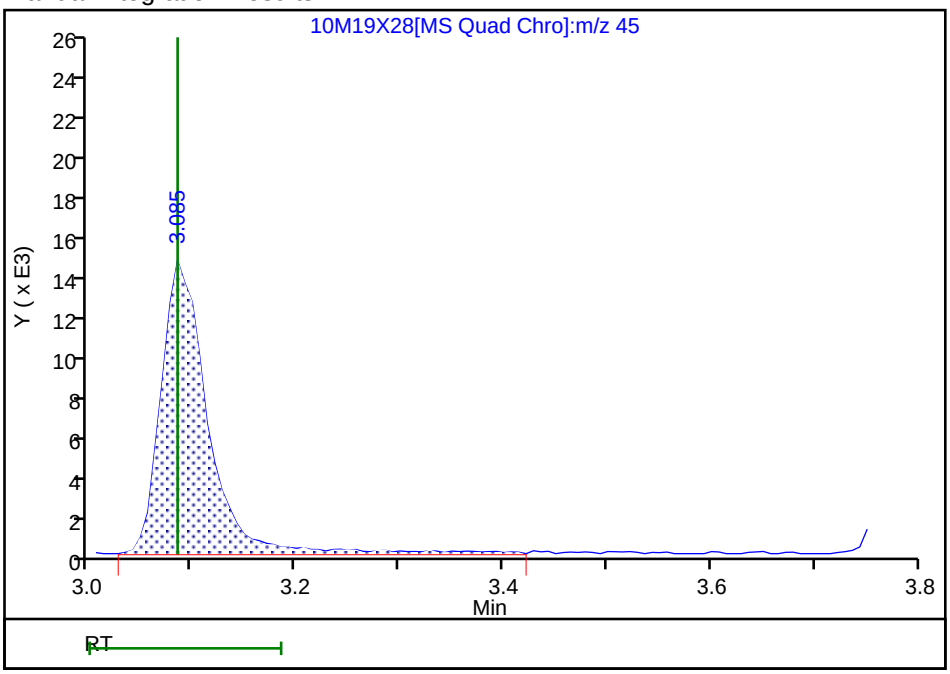
Processing Integration Results

RT: 3.08
Area: 45591
Amount: 14.414431
Amount Units: ppb v/v



Manual Integration Results

RT: 3.08
Area: 45032
Amount: 14.237693
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:23:57 -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.: 410-271307-1

SDG No.:

Client Sample ID: 879 Lab Sample ID: 410-271307-7

Matrix: Air Lab File ID: 10M19X29.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 01:25

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 879 Lab Sample ID: 410-271307-7

Matrix: Air Lab File ID: 10M19X29.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 01:25

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 879 Lab Sample ID: 410-271307-7

Matrix: Air Lab File ID: 10M19X29.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 01:25

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	2.8	cn	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	2.1	J *+	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\HP4RA38\20260318-179351.b\10M19X29.D
Lims ID: 410-271307-A-7
Client ID: 879
Sample Type: Client
Inject. Date: 20-Mar-2026 01:25:26 ALS Bottle#: 23 Worklist Smp#: 28
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc879
Misc. Info.: 410-0179351-028
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 18:26:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
14 Ethanol	45	3.092	3.085	0.007	99	6674	2.12	M
23 Acetone	43	3.601	3.608	0.007	98	8571	0.5307	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	51824	2.85	
28 Acetonitrile	41	4.073	4.073	-0.001	99	4702	0.6263	M
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	139816	10.0	
* 50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	562008	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	526023	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

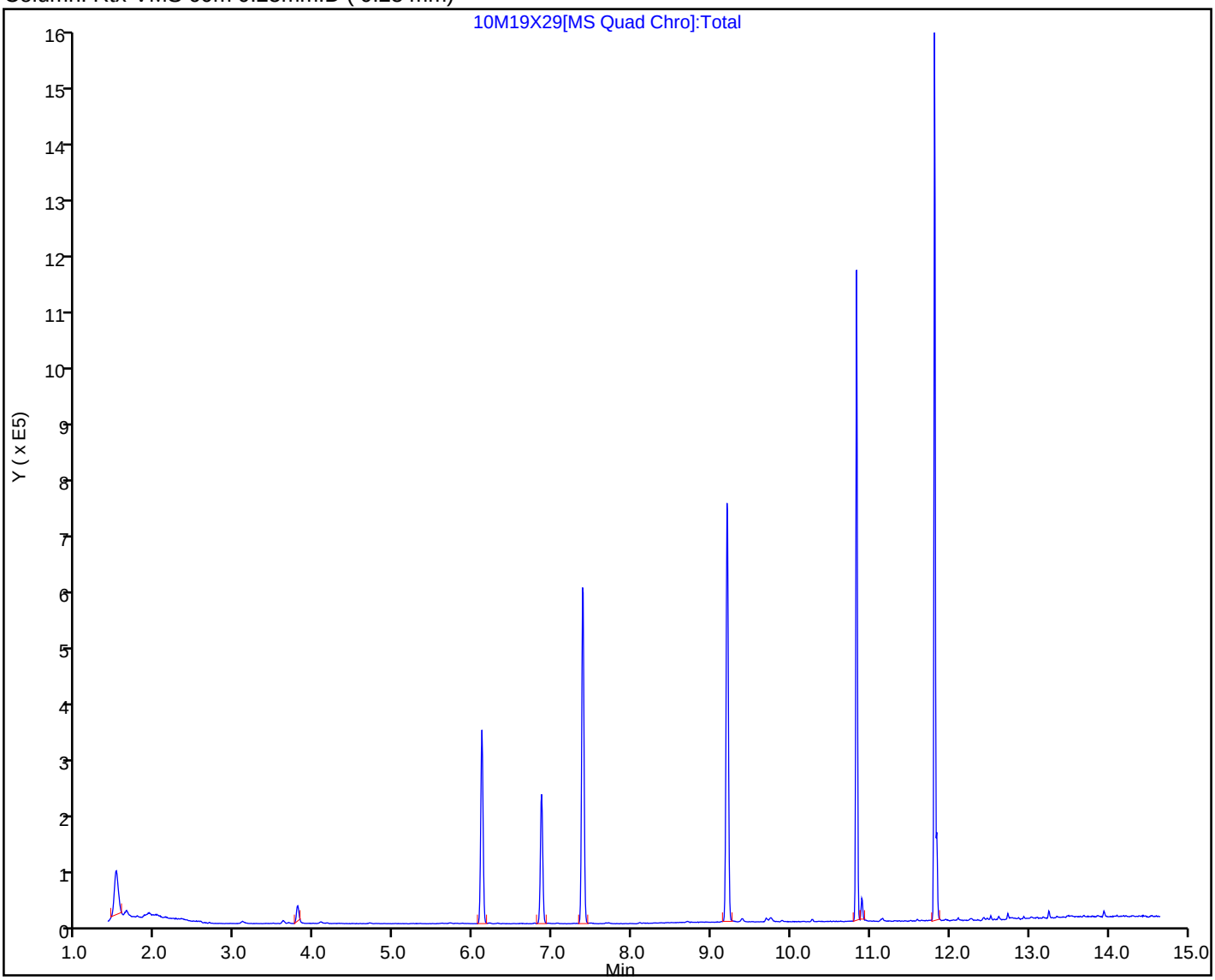
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:37 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X29.D				
Injection Date:	20-Mar-2026 01:25:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-7	Lab Sample ID:	410-271307-7		
Client ID:	879				
Operator ID:	cv118168	ALS Bottle#:	23	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

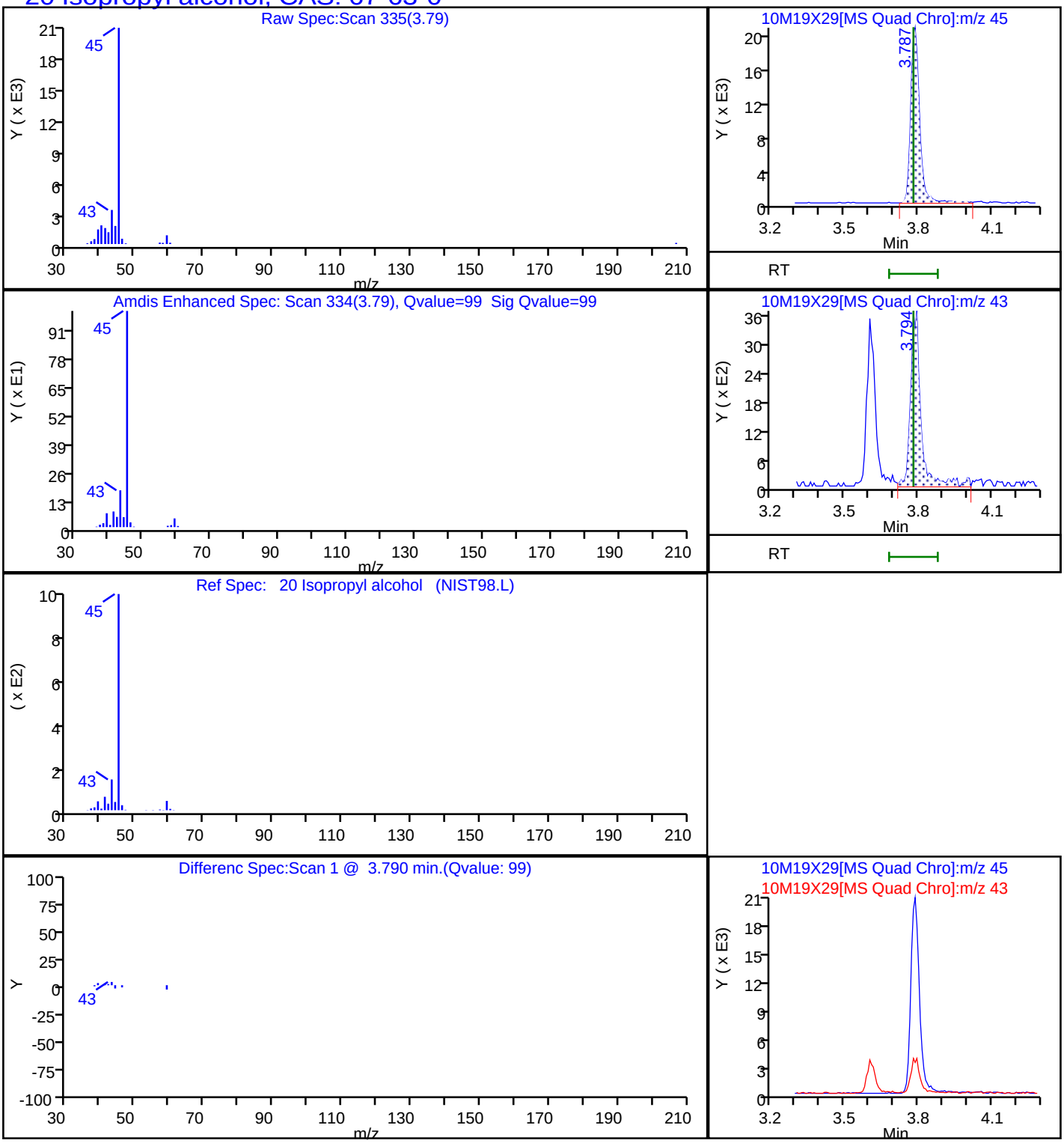


Report Date: 20-Mar-2026 20:38:37 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X29.D				
Injection Date:	20-Mar-2026 01:25:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-7	Lab Sample ID:	410-271307-7		
Client ID:	879				
Operator ID:	cv118168	ALS Bottle#:	23	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

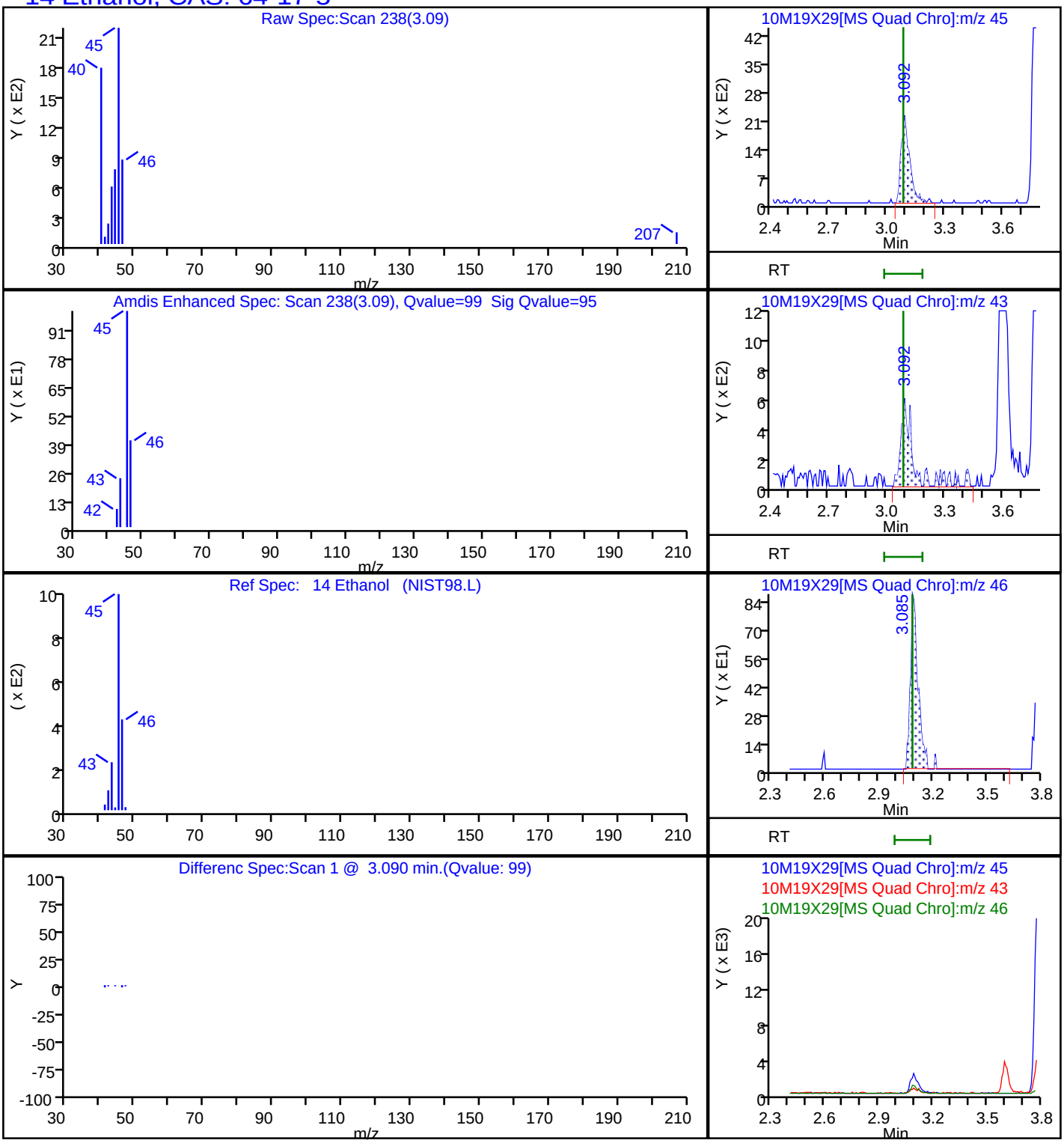


Report Date: 20-Mar-2026 20:38:37 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X29.D				
Injection Date:	20-Mar-2026 01:25:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-7	Lab Sample ID:	410-271307-7		
Client ID:	879				
Operator ID:	cv118168	ALS Bottle#:	23	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

14 Ethanol, CAS: 64-17-5



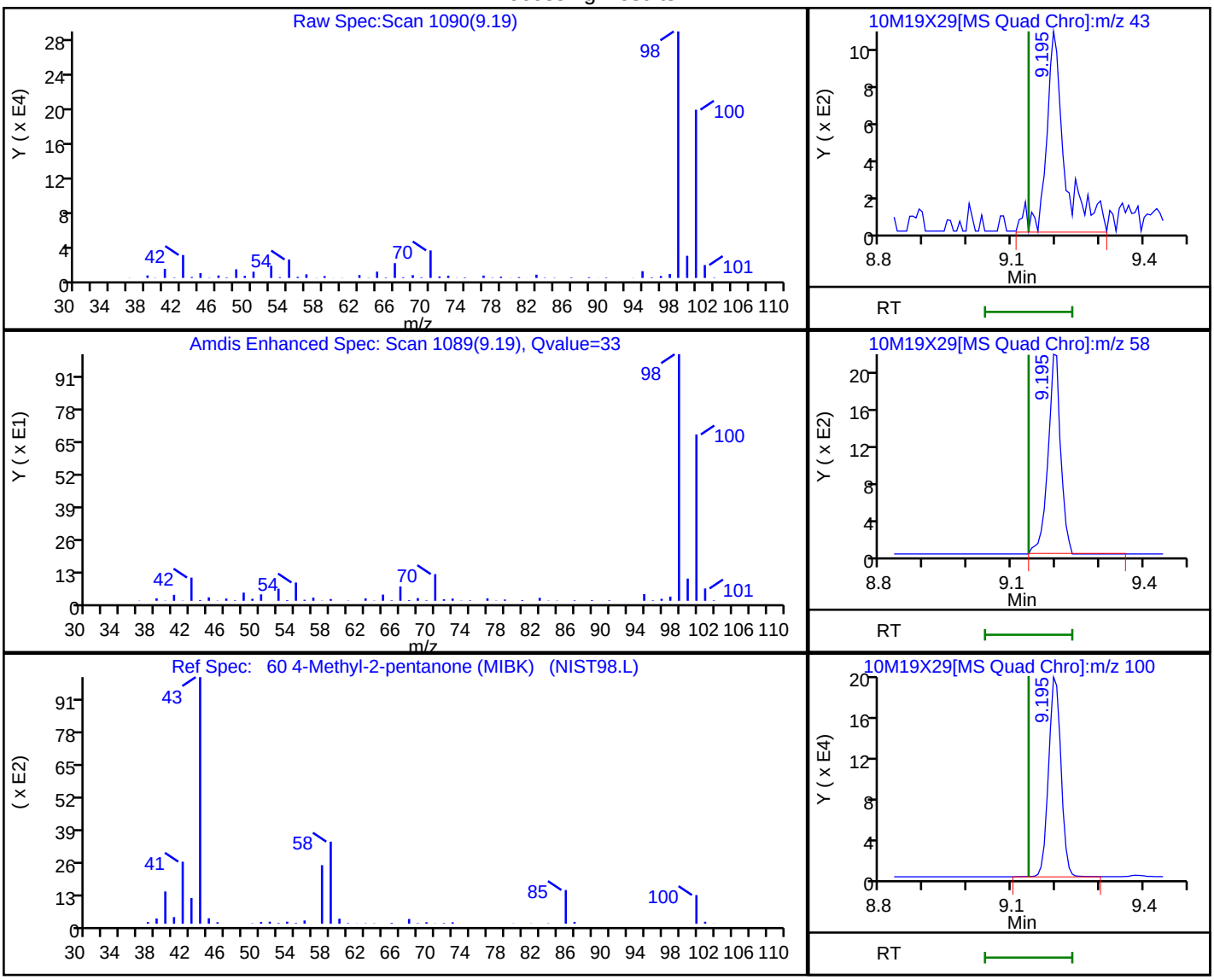
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X29.D				
Injection Date:	20-Mar-2026 01:25:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-7	Lab Sample ID:	410-271307-7		
Client ID:	879				
Operator ID:	cv118168	ALS Bottle#:	23	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.19	43.00	3187	0.120957
9.19	58.00	4393	
9.19	100.00	389766	

Reviewer: XU8K, 20-Mar-2026 18:26:13 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

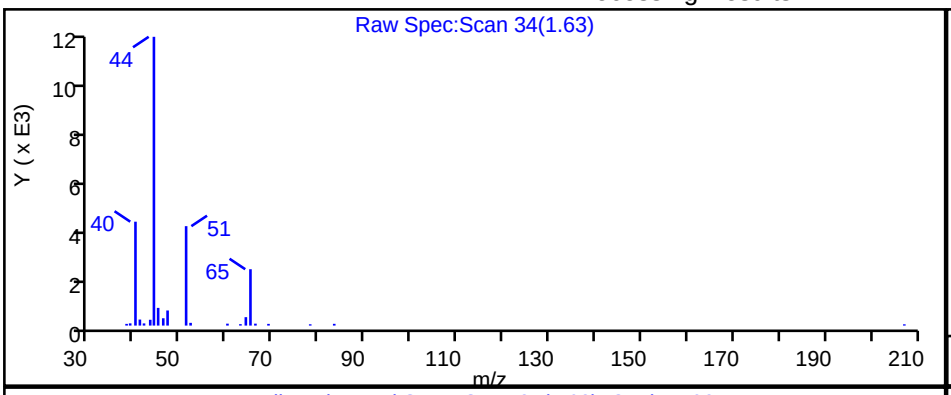
User Disabled Compound Report

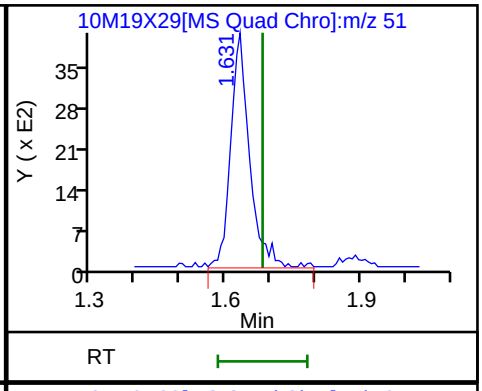
Eurofins Lancaster Laboratories Environment Testing, LLC

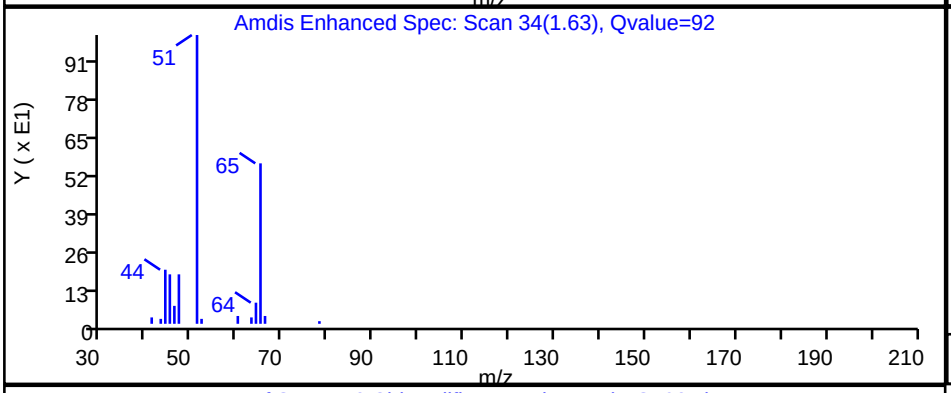
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X29.D				
Injection Date:	20-Mar-2026 01:25:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-7	Lab Sample ID:	410-271307-7		
Client ID:	879				
Operator ID:	cv118168	ALS Bottle#:	23	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

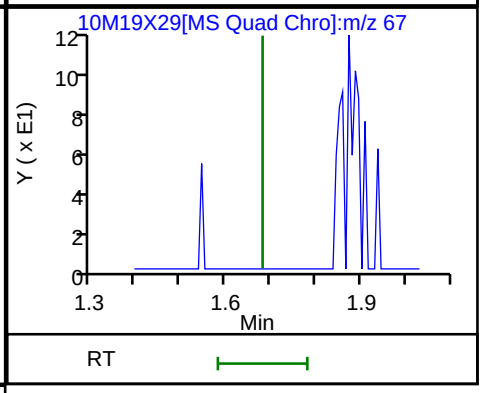
3 Chlorodifluoromethane, CAS: 75-45-6

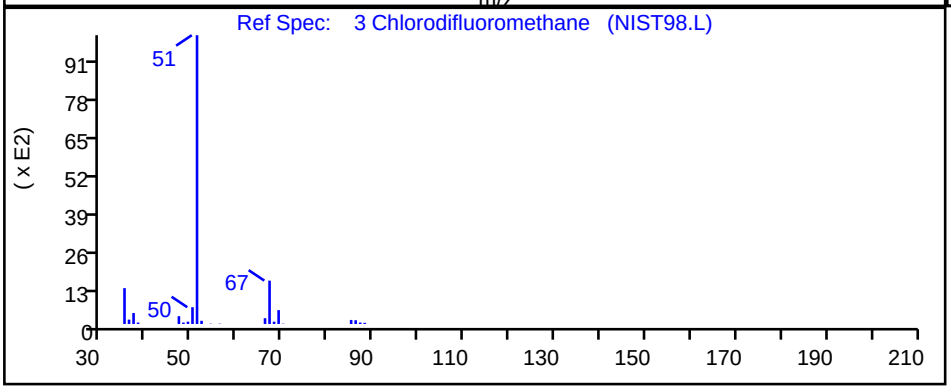
Processing Results











RT	Mass	Response	Amount
1.63	51.00	11827	0.785701
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 18:25:14 -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

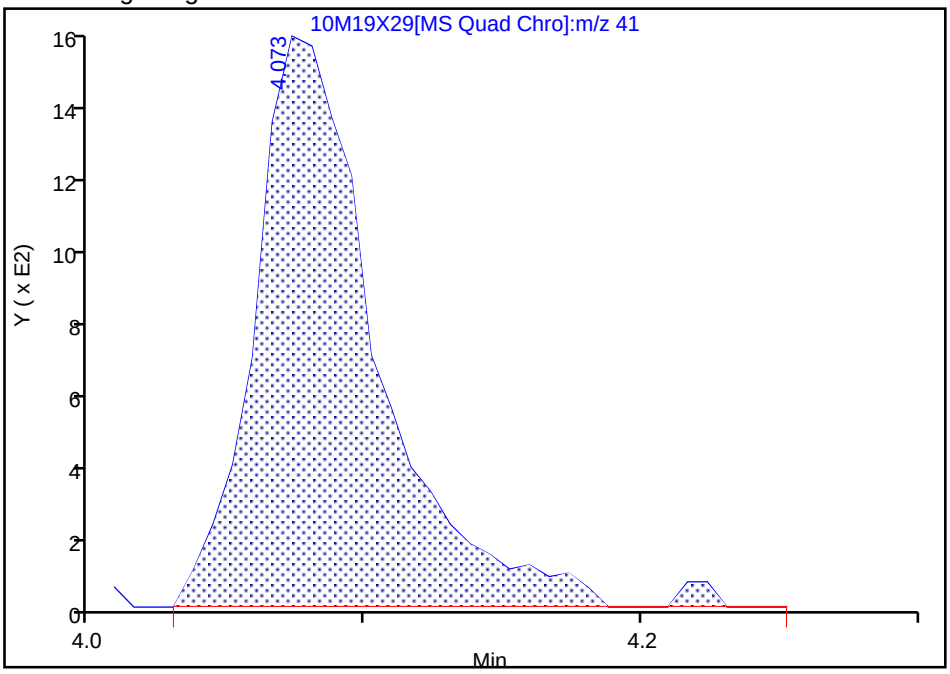
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Injection Date:	20-Mar-2026 01:25:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-7	Lab Sample ID:	410-271307-7		
Client ID:	879				
Operator ID:	cv118168	ALS Bottle#:	23	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

28 Acetonitrile, CAS: 75-05-8

Signal: 1

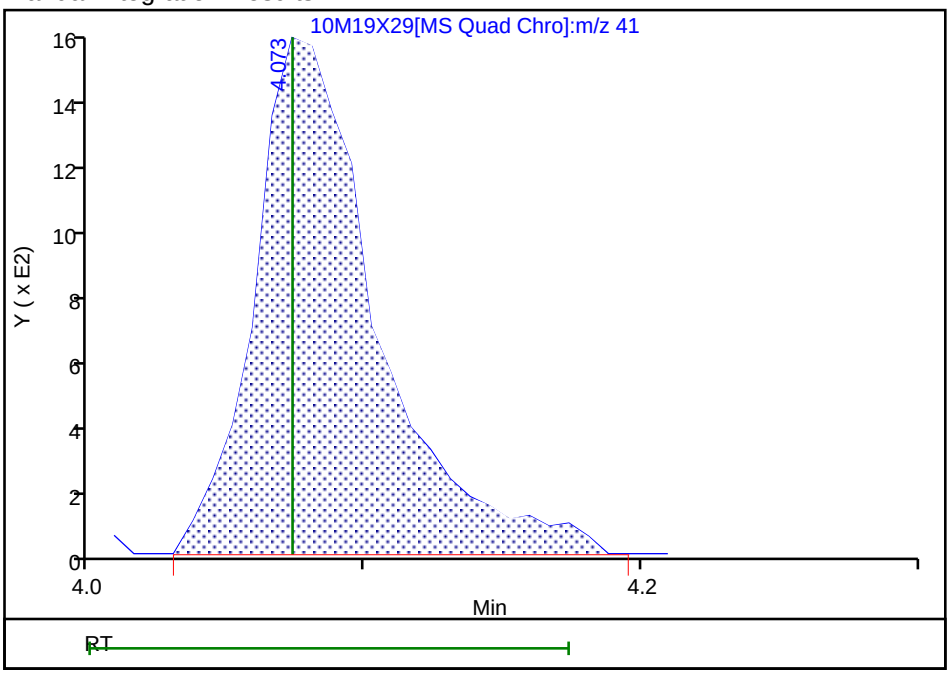
Processing Integration Results

RT: 4.07
Area: 4760
Amount: 0.633978
Amount Units: ppb v/v



Manual Integration Results

RT: 4.07
Area: 4702
Amount: 0.626253
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:26:02 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

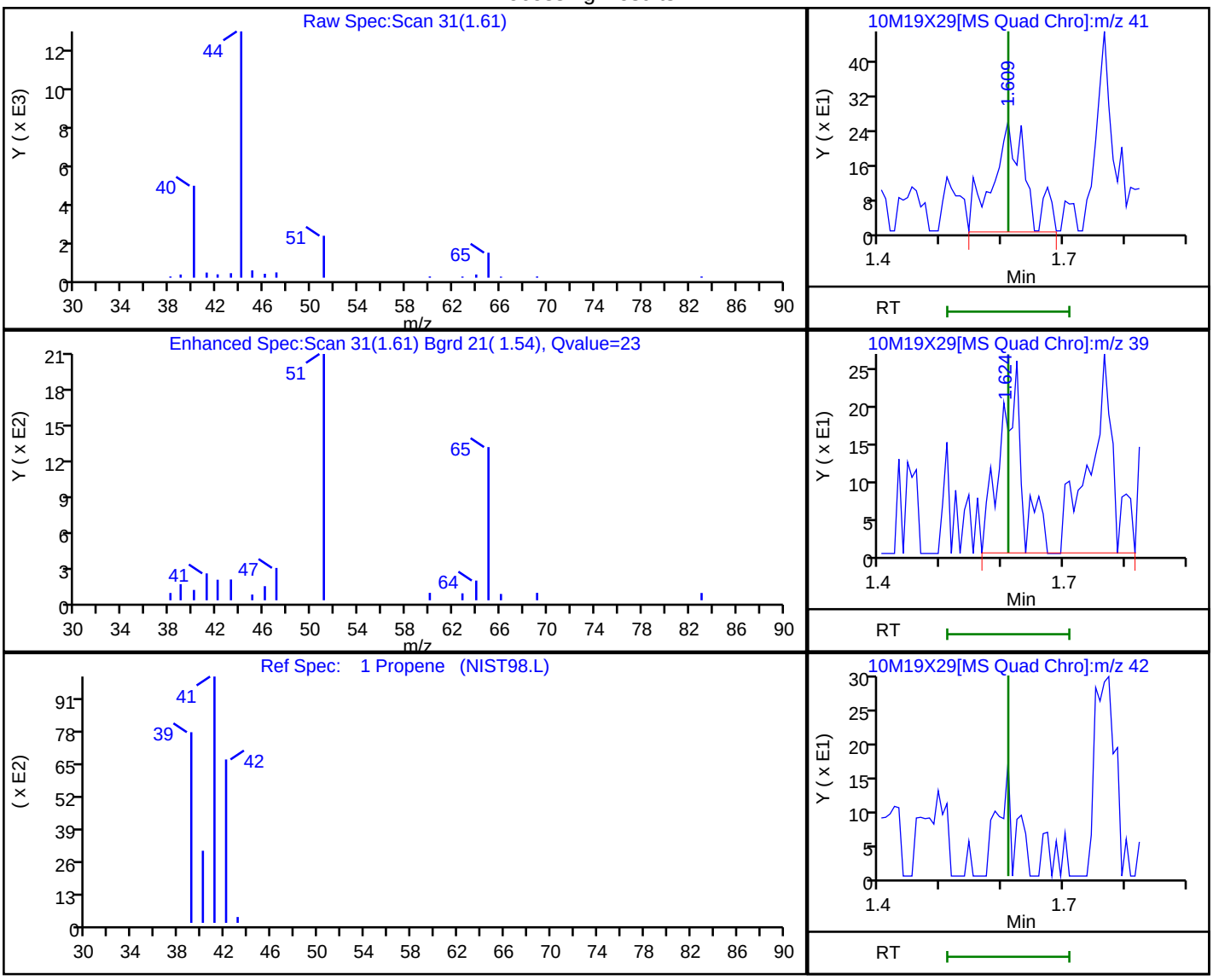
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X29.D				
Injection Date:	20-Mar-2026 01:25:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-7	Lab Sample ID:	410-271307-7		
Client ID:	879				
Operator ID:	cv118168	ALS Bottle#:	23	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
1.61	41.00	951	0.121868
1.62	39.00	1378	
1.61	42.00	0	

Reviewer: XU8K, 20-Mar-2026 18:25:10 -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

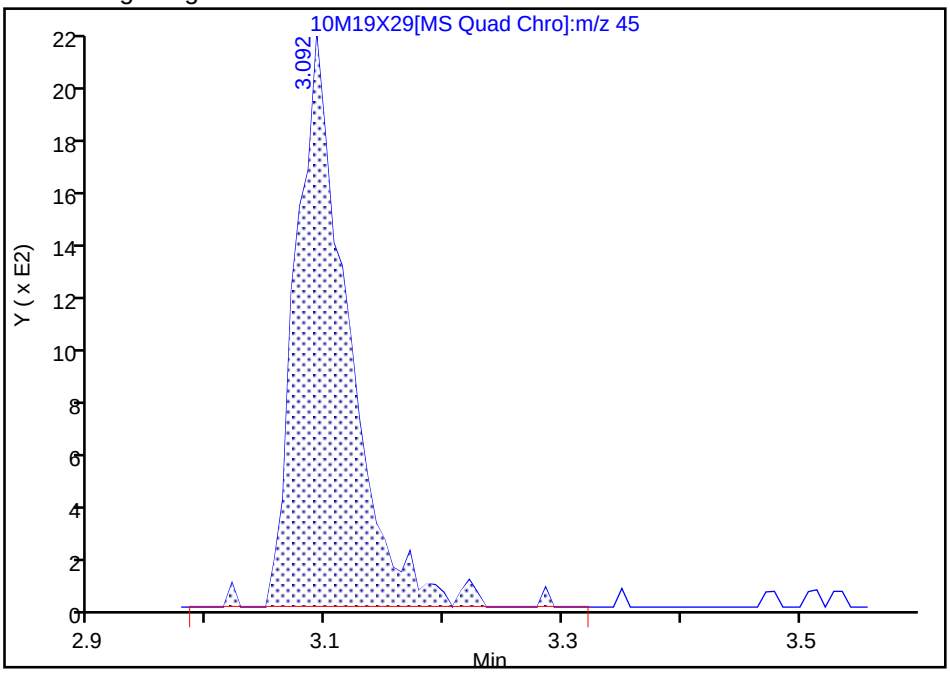
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Injection Date:	20-Mar-2026 01:25:26	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-7	Lab Sample ID:	410-271307-7		
Client ID:	879				
Operator ID:	cv118168	ALS Bottle#:	23	Worklist Smp#:	28
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

14 Ethanol, CAS: 64-17-5

Signal: 1

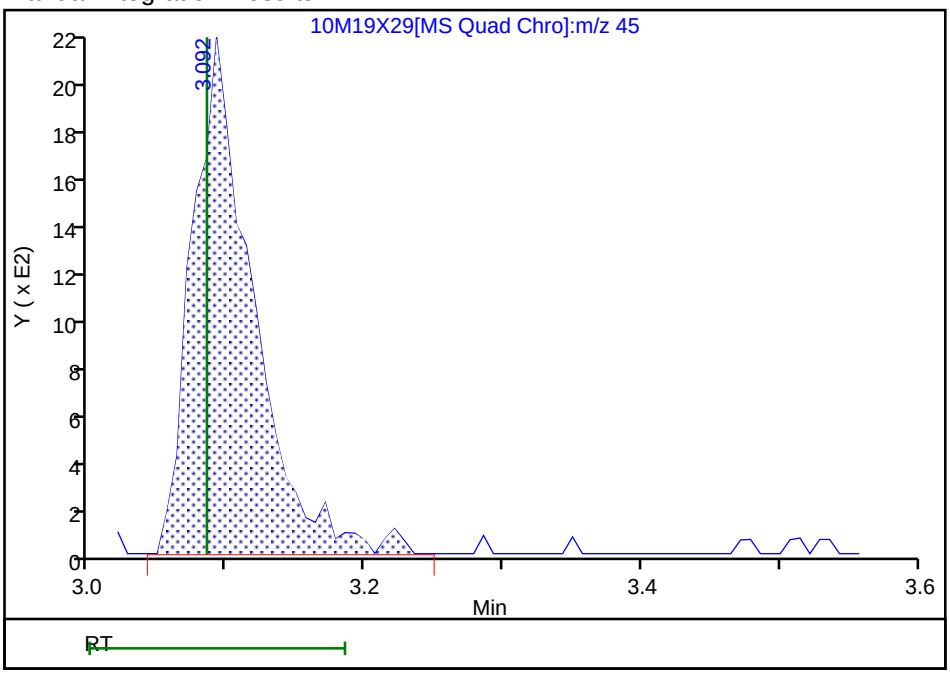
Processing Integration Results

RT: 3.09
Area: 6747
Amount: 2.144188
Amount Units: ppb v/v



Manual Integration Results

RT: 3.09
Area: 6674
Amount: 2.120989
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:25:27 -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.: 410-271307-1

SDG No.:

Client Sample ID: 2670 Lab Sample ID: 410-271307-8

Matrix: Air Lab File ID: 10M19X30.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 01:49

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 2670 Lab Sample ID: 410-271307-8

Matrix: Air Lab File ID: 10M19X30.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 01:49

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 2670 Lab Sample ID: 410-271307-8

Matrix: Air Lab File ID: 10M19X30.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 01:49

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	2.7	cn	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\HP4RA38\20260318-179351.b\10M19X30.D				
Lims ID:	410-271307-A-8				
Client ID:	2670				
Sample Type:	Client				
Inject. Date:	20-Mar-2026 01:49:25	ALS Bottle#:	24	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc2670				
Misc. Info.:	410-0179351-029				
Operator ID:	cv118168	Instrument ID:	HP4RA38		
Method:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m				
Limit Group:	MSV - TO15				
Last Update:	20-Mar-2026 18:34:03	Calib Date:	07-Feb-2026 16:55:22		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1625				
First Level Reviewer: XU8K		Date:	20-Mar-2026 18:27:52		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	1.609	1.638	0.000	22	961	0.1229	
23 Acetone	43	3.608	3.608	0.014	99	8704	0.5379	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	48924	2.68	M
28 Acetonitrile	41	4.080	4.073	0.006	97	4248	0.5647	M
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	140093	10.0	
* 50 1,4-Difluorobenzene	114	7.376	7.383	-0.007	94	566032	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	86	546526	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

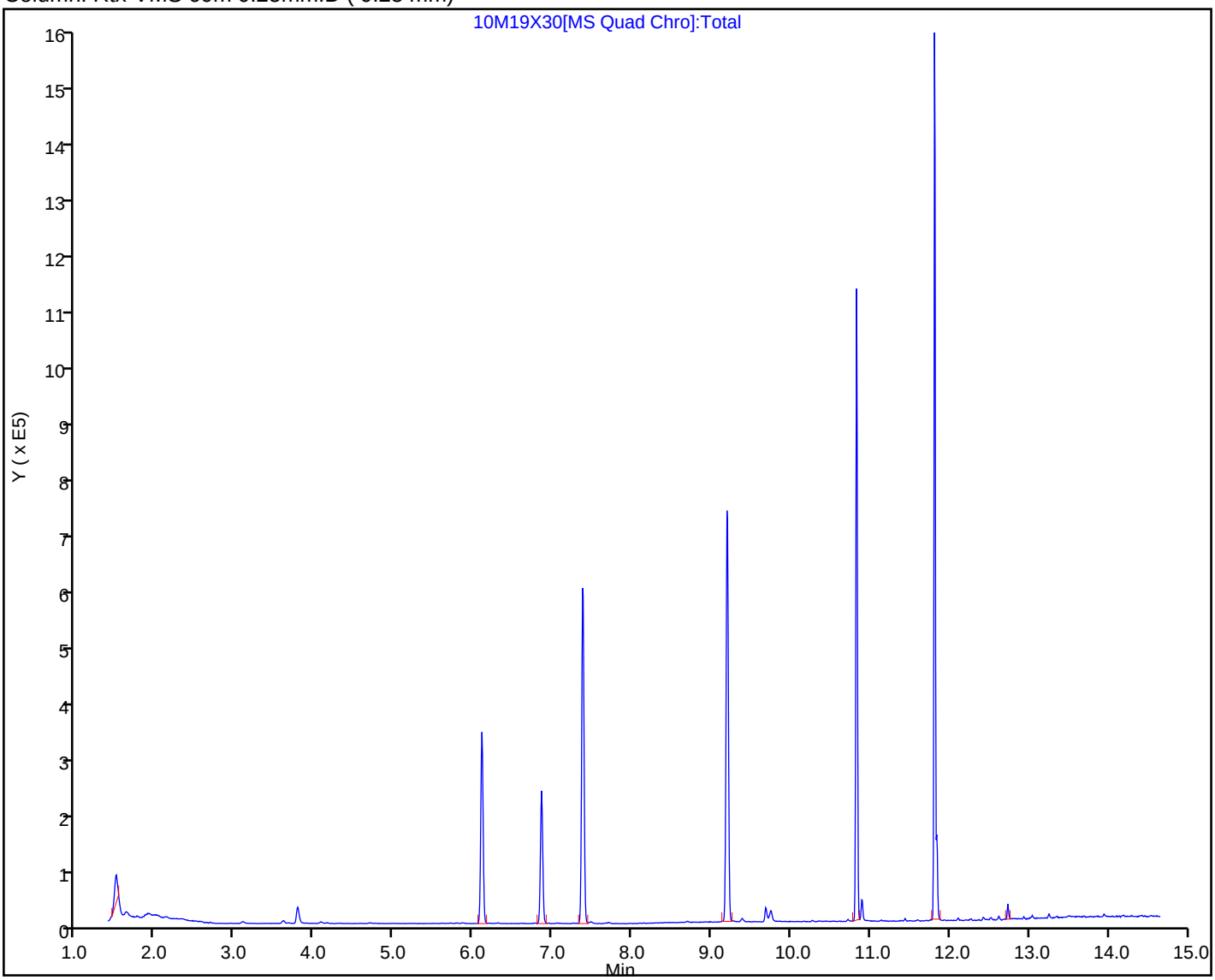
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:39 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X30.D				
Injection Date:	20-Mar-2026 01:49:25	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-8	Lab Sample ID:	410-271307-8		
Client ID:	2670				
Operator ID:	cv118168	ALS Bottle#:	24	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

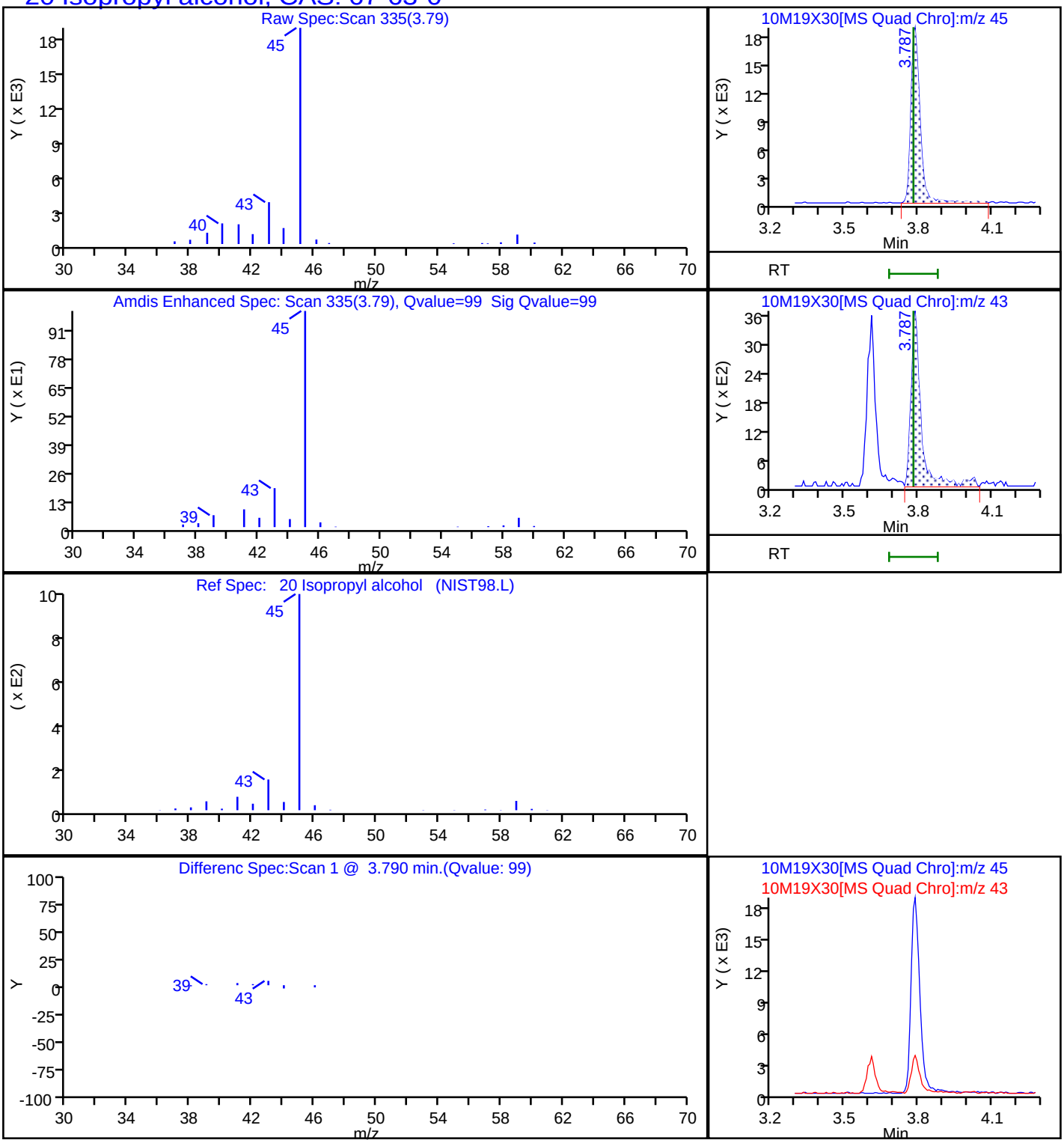


Report Date: 20-Mar-2026 20:38:39 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X30.D				
Injection Date:	20-Mar-2026 01:49:25	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-8	Lab Sample ID:	410-271307-8		
Client ID:	2670				
Operator ID:	cv118168	ALS Bottle#:	24	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0



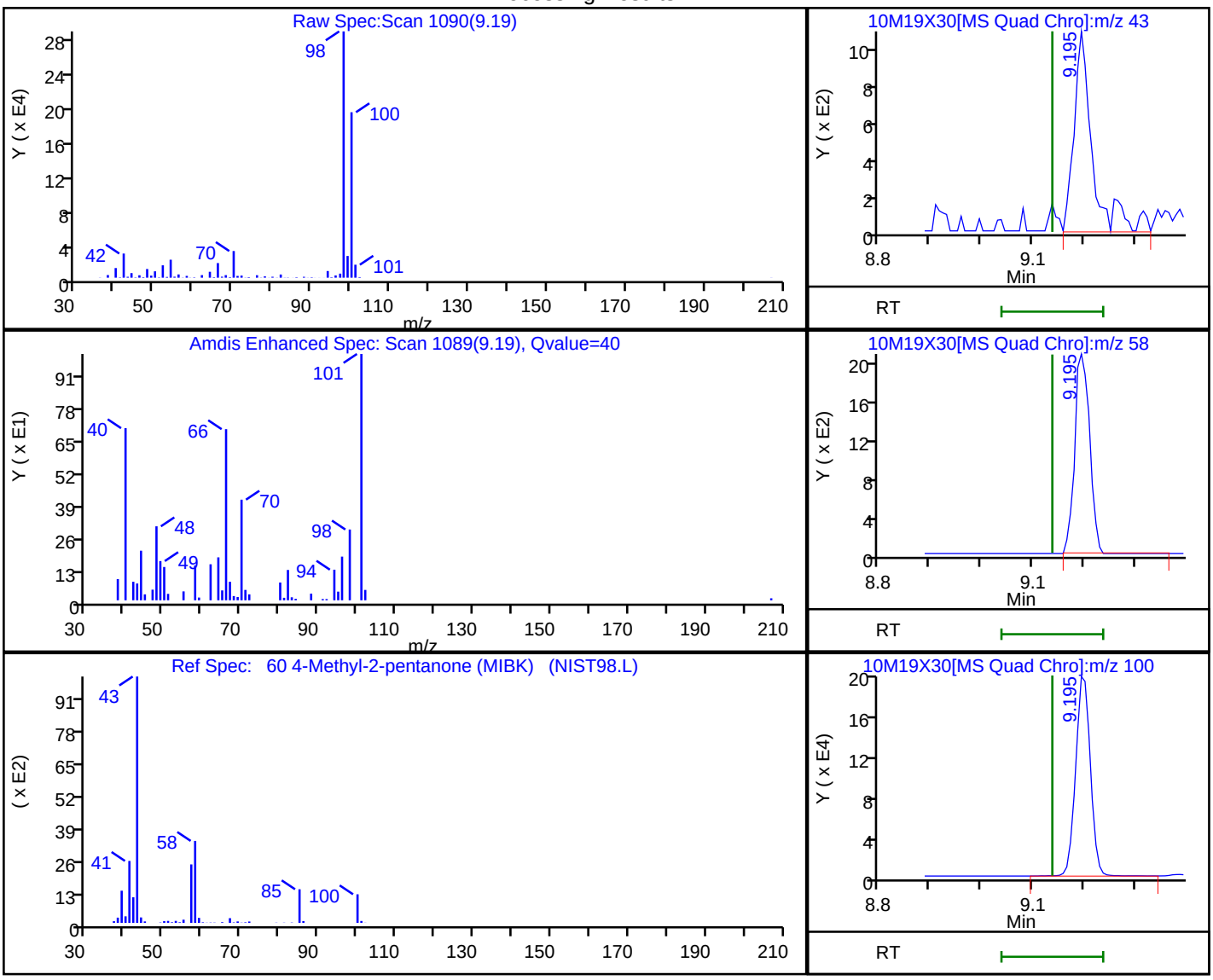
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X30.D				
Injection Date:	20-Mar-2026 01:49:25	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-8	Lab Sample ID:	410-271307-8		
Client ID:	2670				
Operator ID:	cv118168	ALS Bottle#:	24	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.19	43.00	2611	0.098391
9.19	58.00	4289	
9.19	100.00	389553	

Reviewer: XU8K, 20-Mar-2026 18:27:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

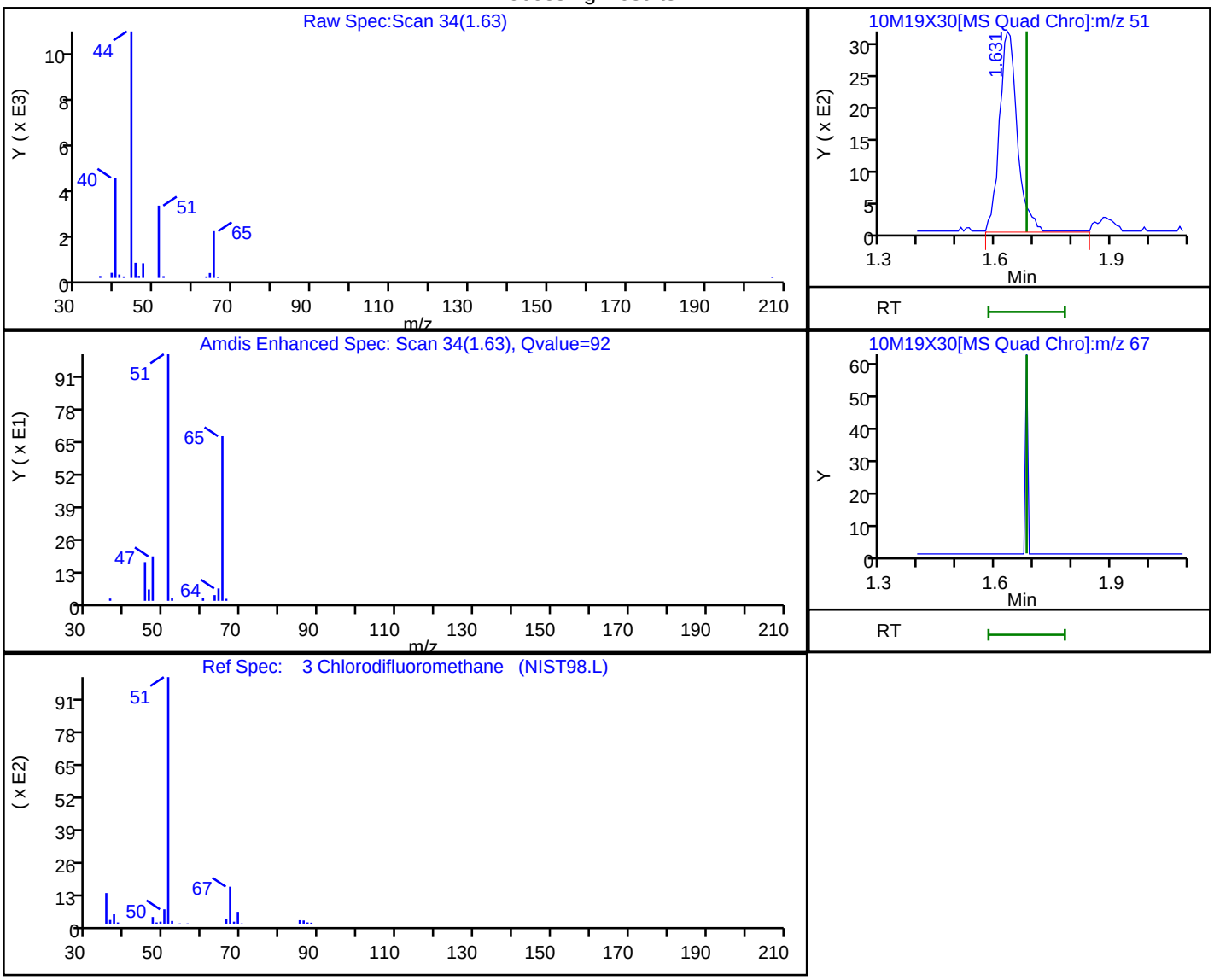
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X30.D				
Injection Date:	20-Mar-2026 01:49:25	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-8	Lab Sample ID:	410-271307-8		
Client ID:	2670				
Operator ID:	cv118168	ALS Bottle#:	24	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.63	51.00	10013	0.663876
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 18:26:50 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

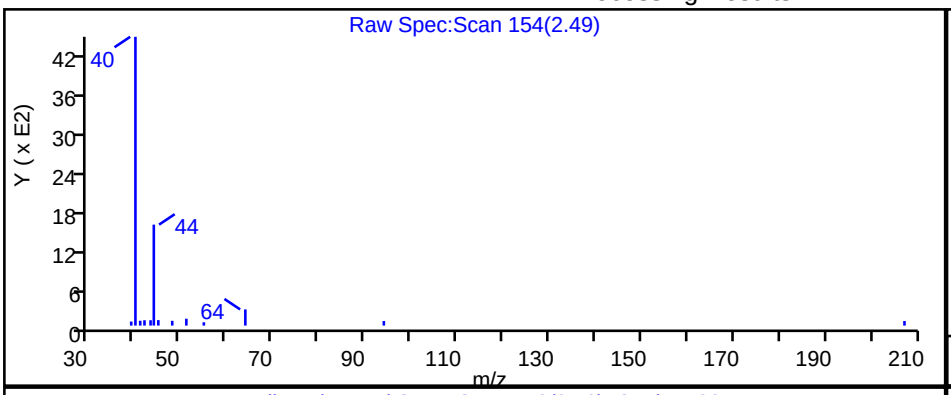
User Disabled Compound Report

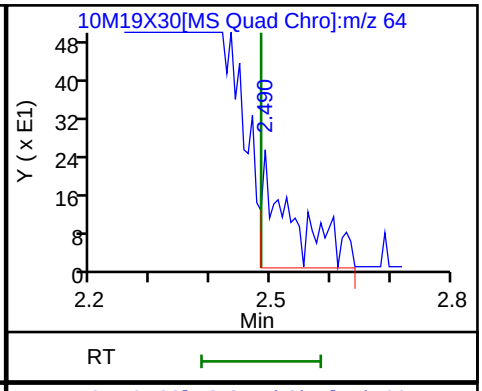
Eurofins Lancaster Laboratories Environment Testing, LLC

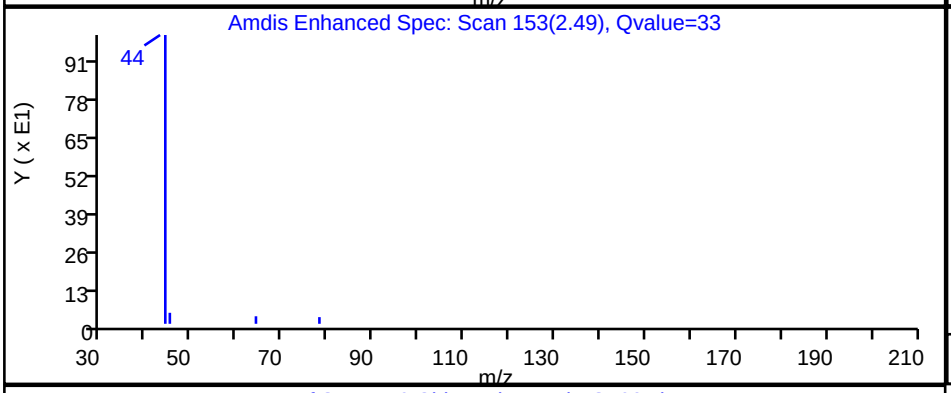
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X30.D				
Injection Date:	20-Mar-2026 01:49:25	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-8	Lab Sample ID:	410-271307-8		
Client ID:	2670				
Operator ID:	cv118168	ALS Bottle#:	24	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

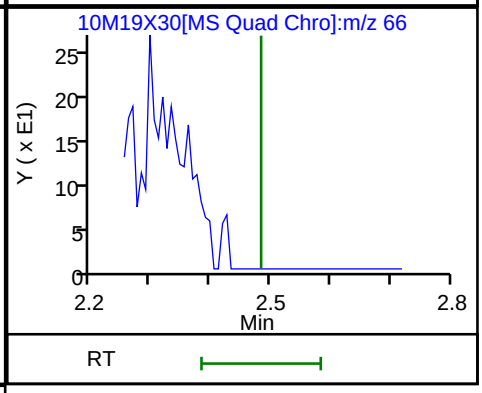
9 Chloroethane, CAS: 75-00-3

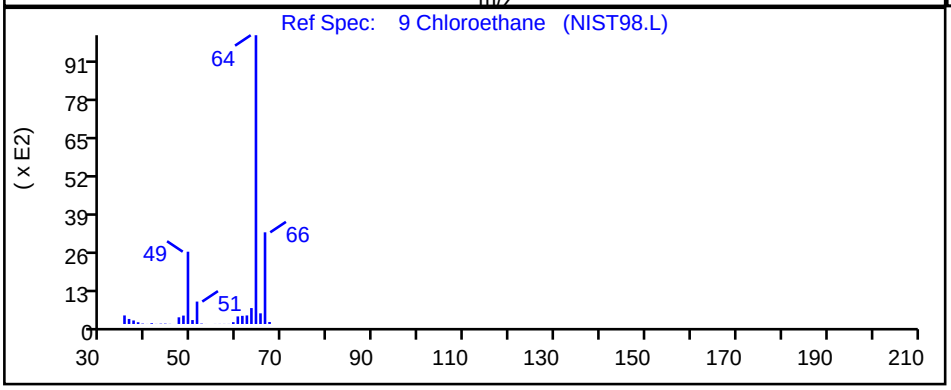
Processing Results











RT	Mass	Response	Amount
2.49	64.00	856	0.124485
2.48	66.00	0	

Reviewer: XU8K, 20-Mar-2026 18:26:54 -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

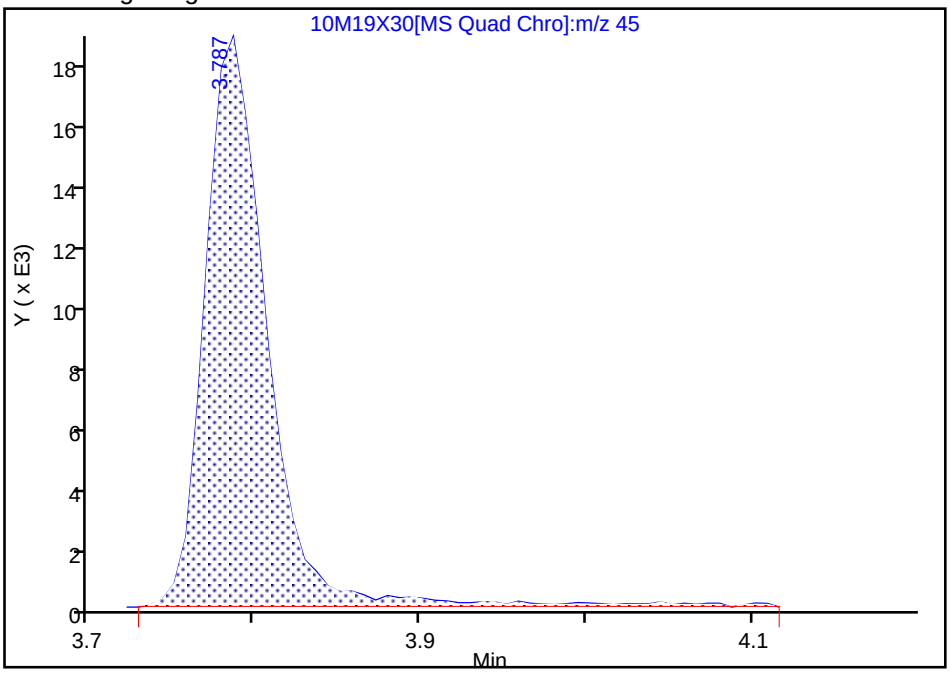
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X30.D				
Injection Date:	20-Mar-2026 01:49:25	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-8	Lab Sample ID:	410-271307-8		
Client ID:	2670				
Operator ID:	cv118168	ALS Bottle#:	24	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

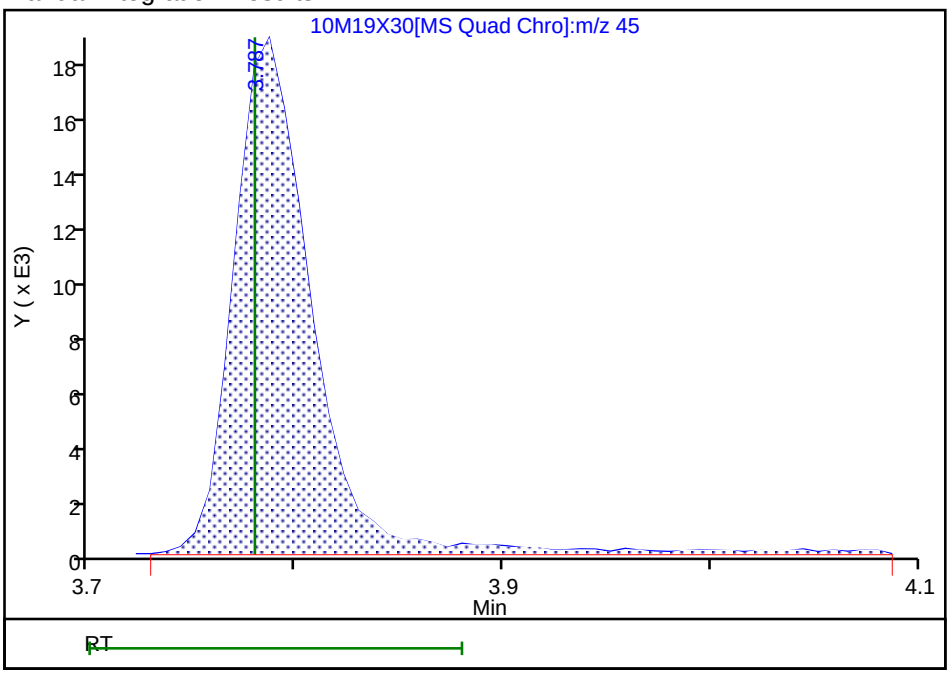
Processing Integration Results

RT: 3.79
Area: 49064
Amount: 2.691859
Amount Units: ppb v/v



Manual Integration Results

RT: 3.79
Area: 48924
Amount: 2.684178
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:27:06 -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

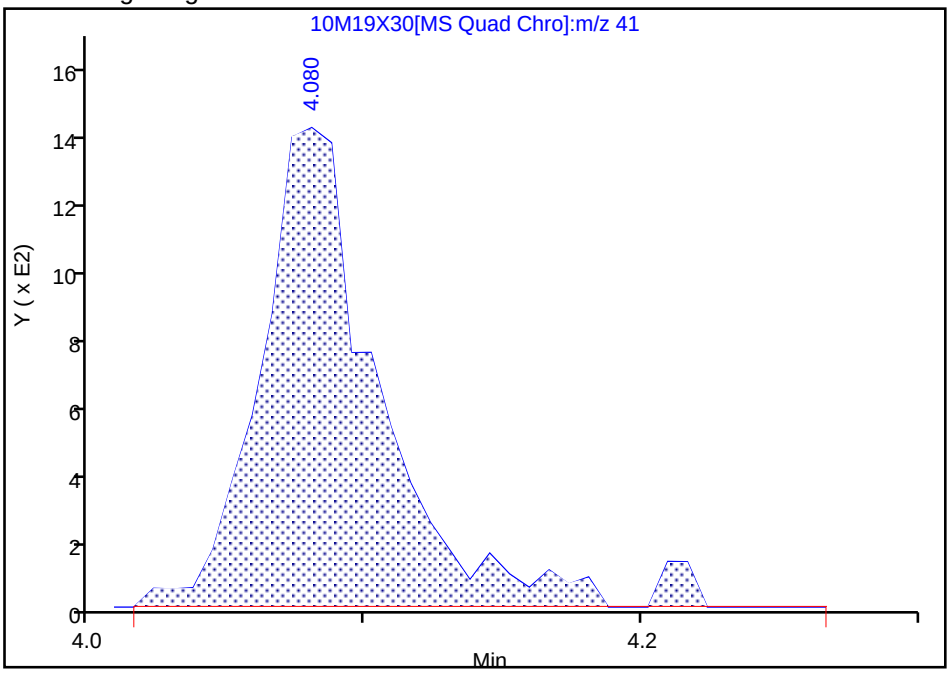
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X30.D				
Injection Date:	20-Mar-2026 01:49:25	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-8	Lab Sample ID:	410-271307-8		
Client ID:	2670				
Operator ID:	cv118168	ALS Bottle#:	24	Worklist Smp#:	29
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

28 Acetonitrile, CAS: 75-05-8

Signal: 1

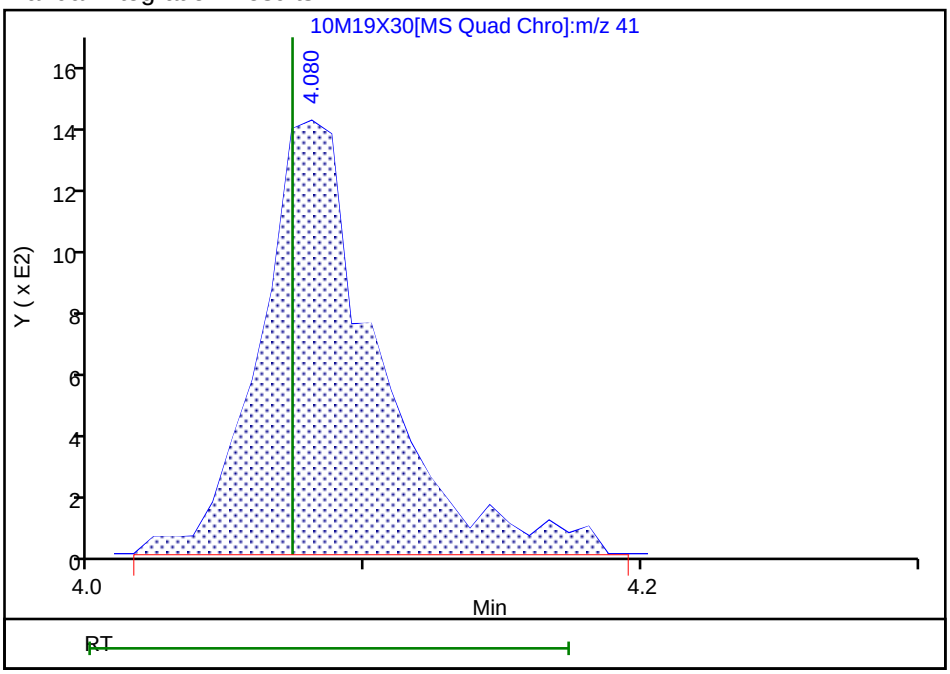
Processing Integration Results

RT: 4.08
Area: 4364
Amount: 0.580086
Amount Units: ppb v/v



Manual Integration Results

RT: 4.08
Area: 4248
Amount: 0.564667
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:27:11 -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.: 410-271307-1

SDG No.:

Client Sample ID: 4795 Lab Sample ID: 410-271307-9

Matrix: Air Lab File ID: 10M19X31.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 02:13

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 4795 Lab Sample ID: 410-271307-9

Matrix: Air Lab File ID: 10M19X31.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 02:13

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 4795 Lab Sample ID: 410-271307-9

Matrix: Air Lab File ID: 10M19X31.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 02:13

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	2.9	cn	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\HP4RA38\20260318-179351.b\10M19X31.D				
Lims ID:	410-271307-A-9				
Client ID:	4795				
Sample Type:	Client				
Inject. Date:	20-Mar-2026 02:13:24	ALS Bottle#:	25	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc4795				
Misc. Info.:	410-0179351-030				
Operator ID:	cv118168	Instrument ID:	HP4RA38		
Method:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m				
Limit Group:	MSV - TO15				
Last Update:	20-Mar-2026 18:34:03	Calib Date:	07-Feb-2026 16:55:22		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1625				
First Level Reviewer: XU8K		Date:	20-Mar-2026 18:29:11		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
23 Acetone	43	3.601	3.608	0.006	97	12361	0.7678	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	52254	2.88	M
28 Acetonitrile	41	4.088	4.073	0.014	97	4748	0.6344	
43 2-Butanone (MEK)	72	5.857	5.850	0.007	99	862	0.1374	
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	139371	10.0	
* 50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	562246	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	526661	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

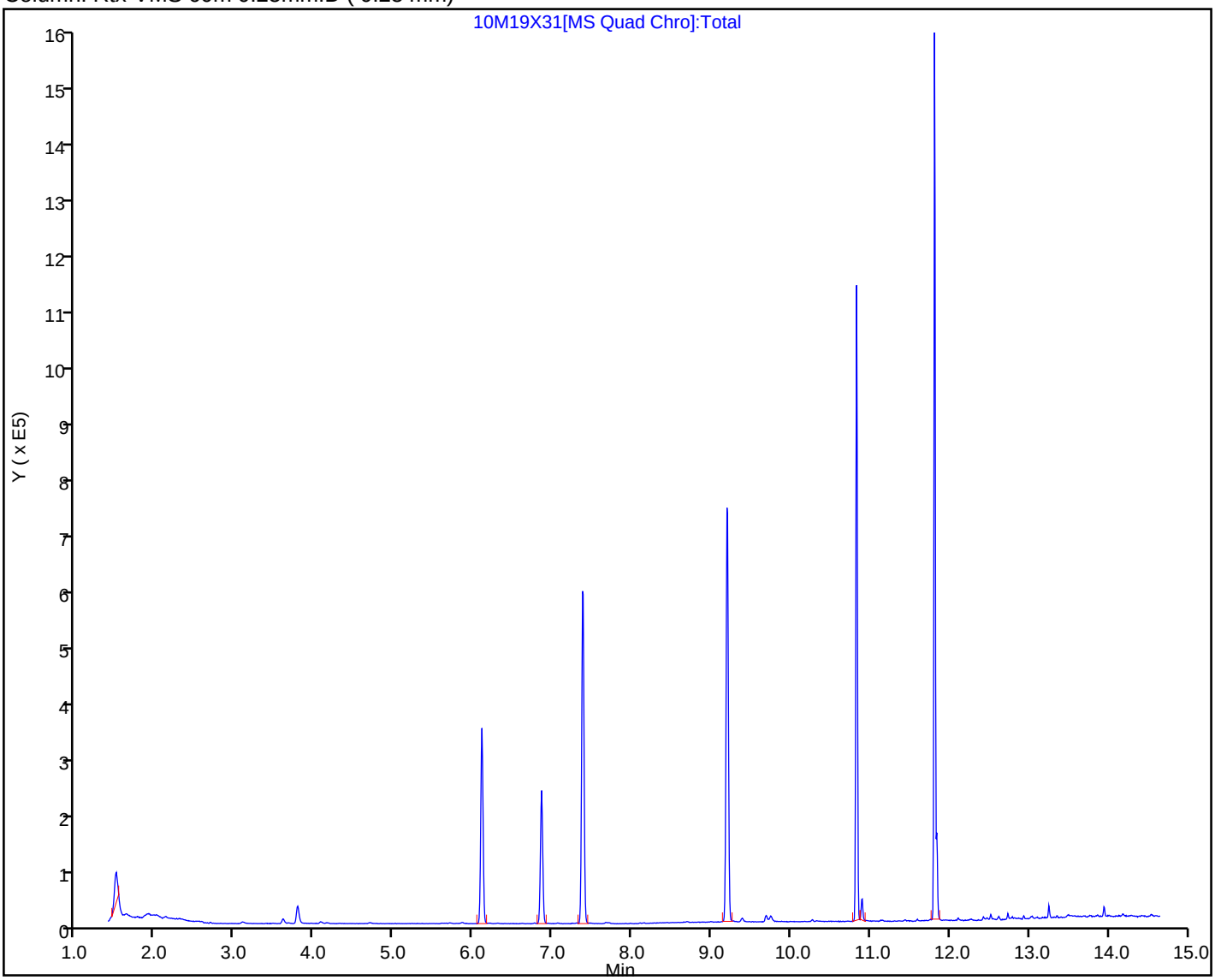
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:41 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X31.D				
Injection Date:	20-Mar-2026 02:13:24	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-9	Lab Sample ID:	410-271307-9		
Client ID:	4795				
Operator ID:	cv118168	ALS Bottle#:	25	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

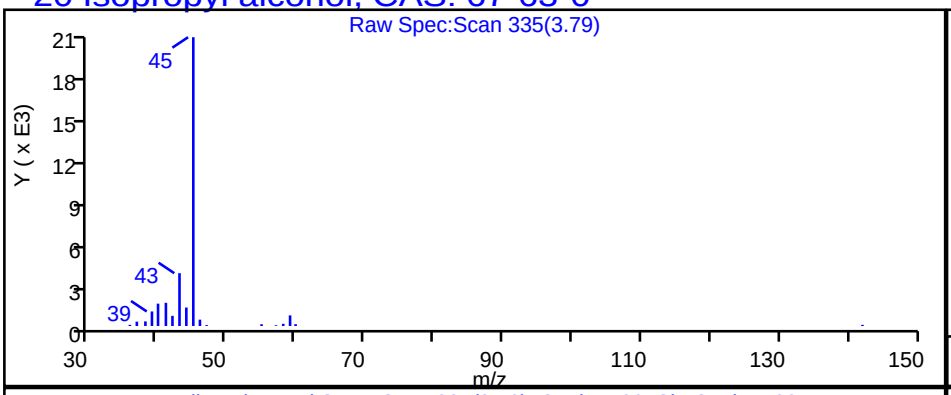


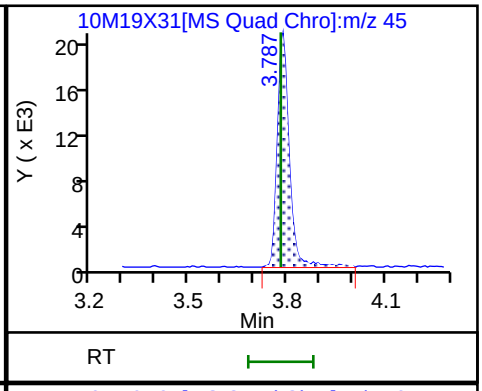
Report Date: 20-Mar-2026 20:38:41 Chrom Revision: 2.3 18-Mar-2026 19:51:28

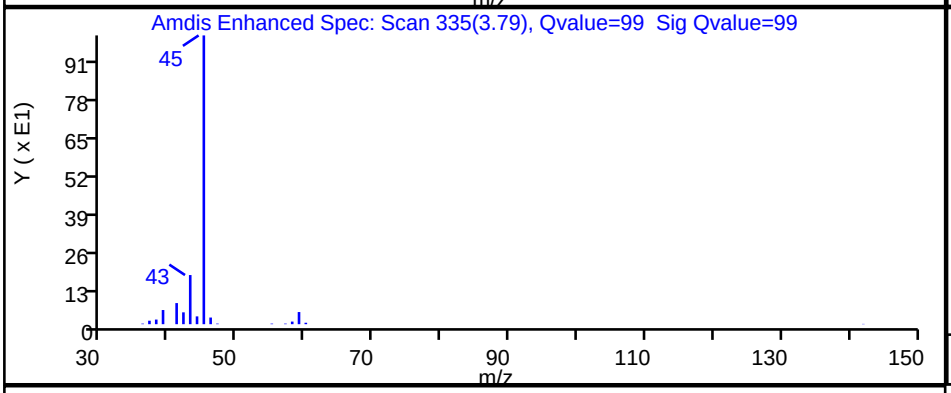
Eurofins Lancaster Laboratories Environment Testing, LLC

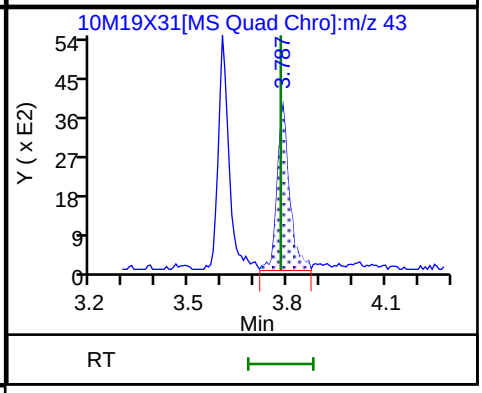
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Injection Date:	20-Mar-2026 02:13:24	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-9	Lab Sample ID:	410-271307-9		
Client ID:	4795				
Operator ID:	cv118168	ALS Bottle#:	25	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

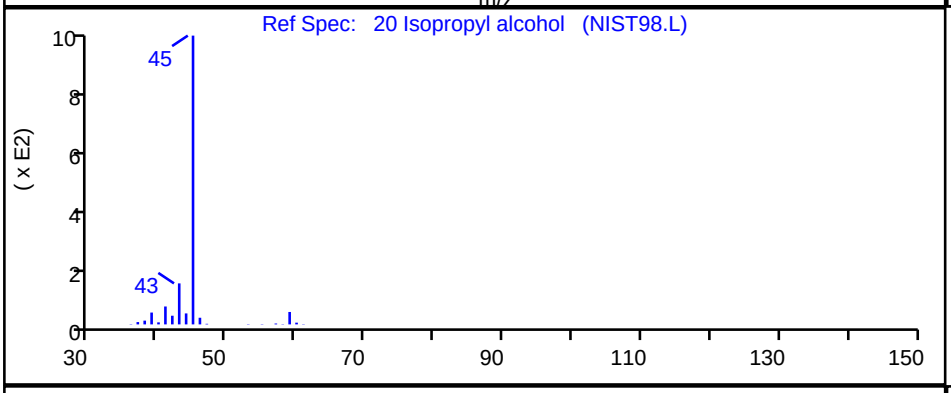
20 Isopropyl alcohol, CAS: 67-63-0

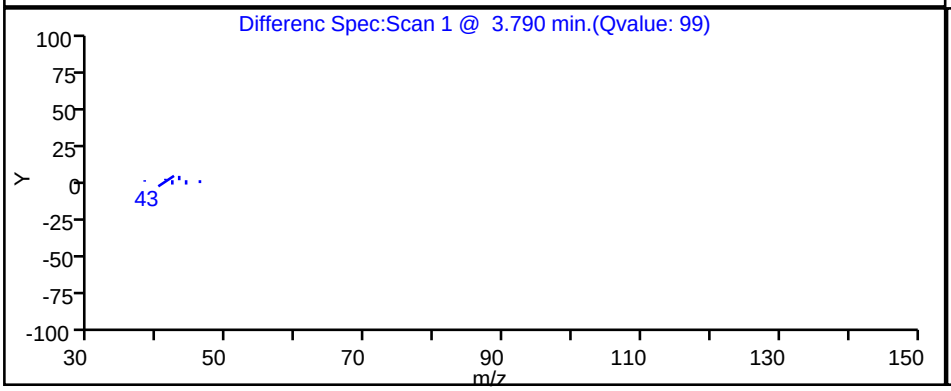


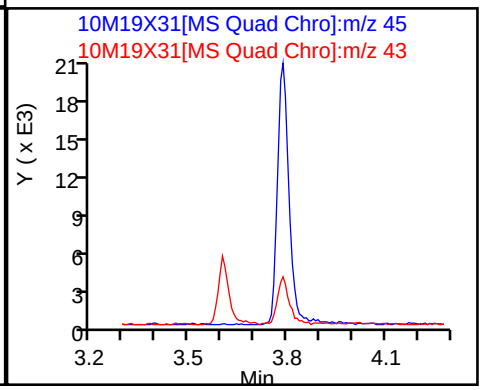












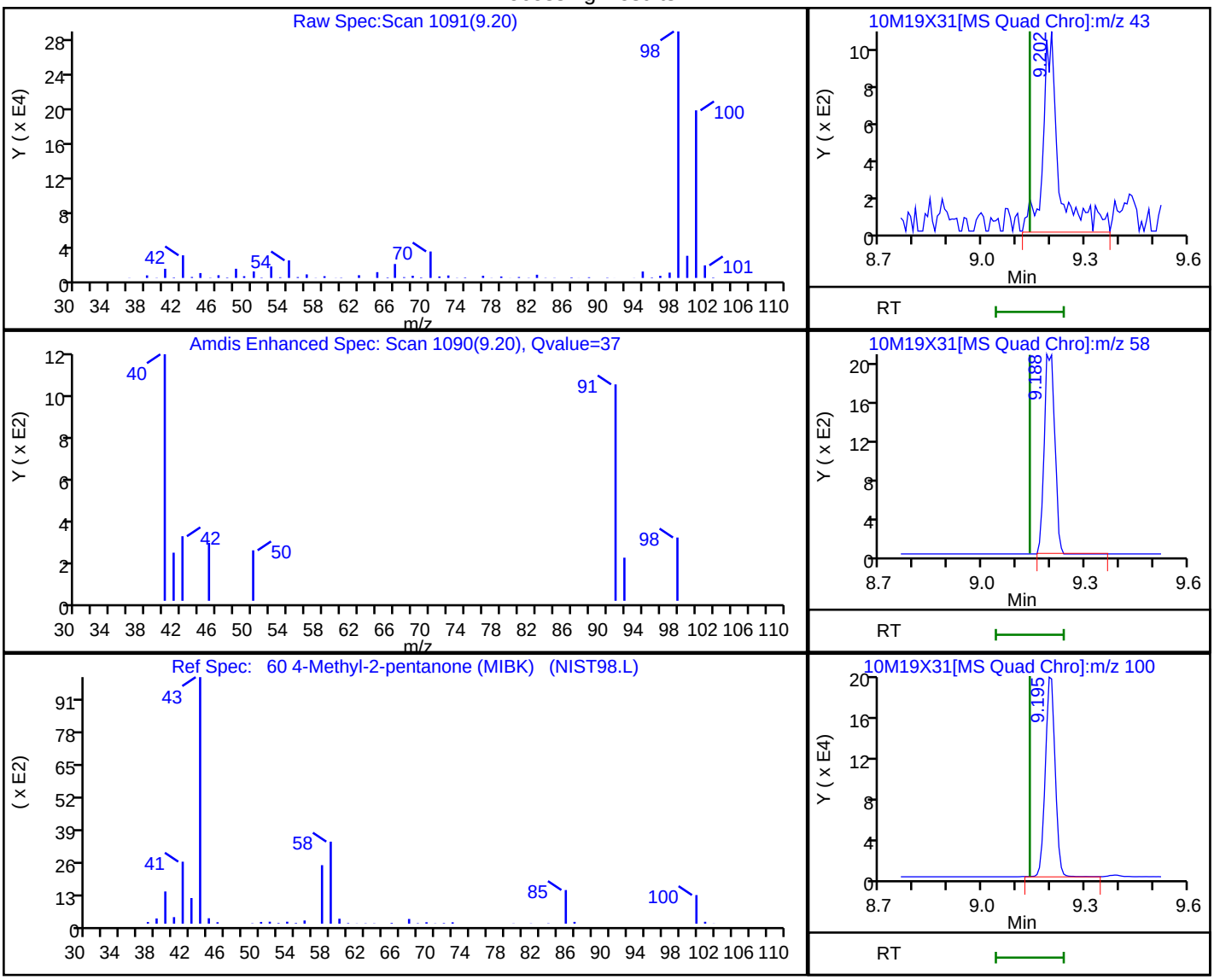
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X31.D				
Injection Date:	20-Mar-2026 02:13:24	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-9	Lab Sample ID:	410-271307-9		
Client ID:	4795				
Operator ID:	cv118168	ALS Bottle#:	25	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.20	43.00	3537	0.134183
9.19	58.00	4347	
9.19	100.00	391261	

Reviewer: XU8K, 20-Mar-2026 18:28:48 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

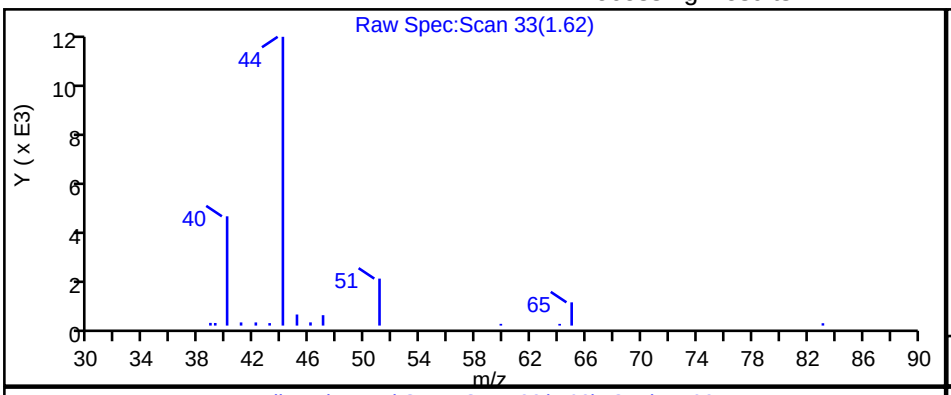
User Disabled Compound Report

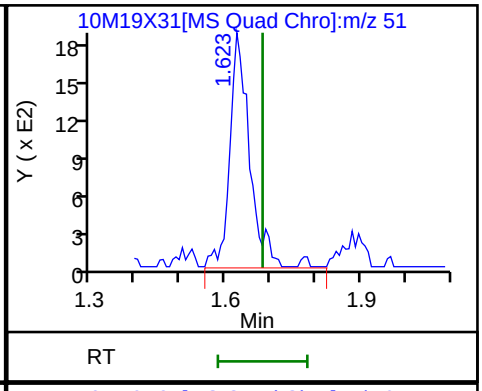
Eurofins Lancaster Laboratories Environment Testing, LLC

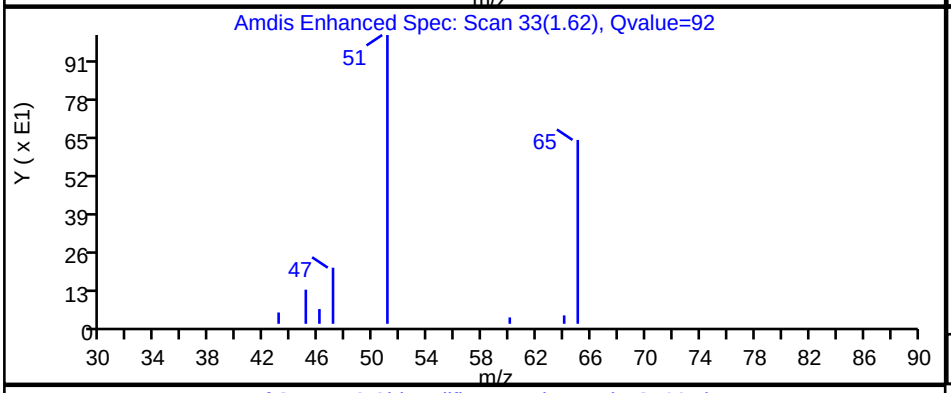
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Injection Date:	20-Mar-2026 02:13:24	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-9	Lab Sample ID:	410-271307-9		
Client ID:	4795				
Operator ID:	cv118168	ALS Bottle#:	25	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

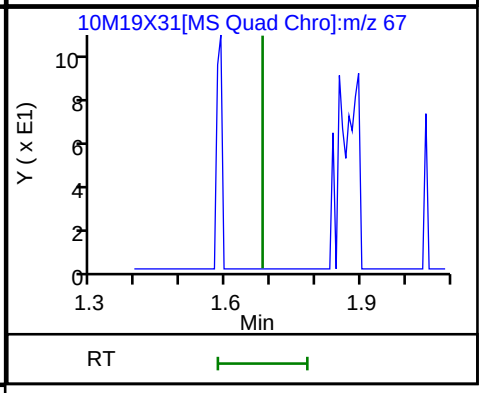
3 Chlorodifluoromethane, CAS: 75-45-6

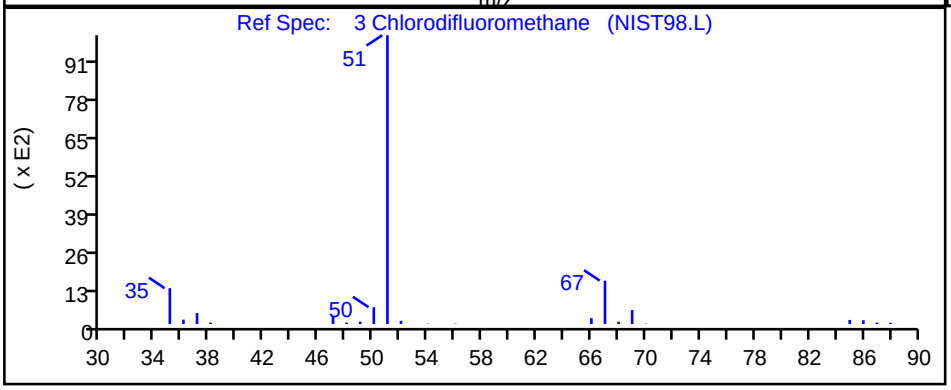
Processing Results











RT	Mass	Response	Amount
1.62	51.00	5579	0.371812
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 18:28:12 -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

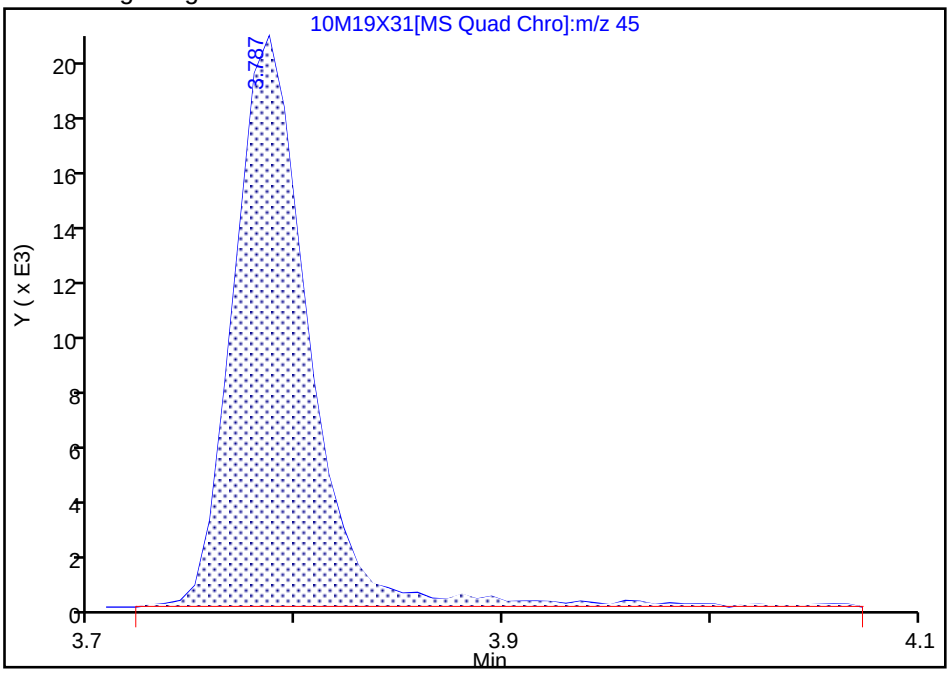
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X31.D				
Injection Date:	20-Mar-2026 02:13:24	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-9	Lab Sample ID:	410-271307-9		
Client ID:	4795				
Operator ID:	cv118168	ALS Bottle#:	25	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

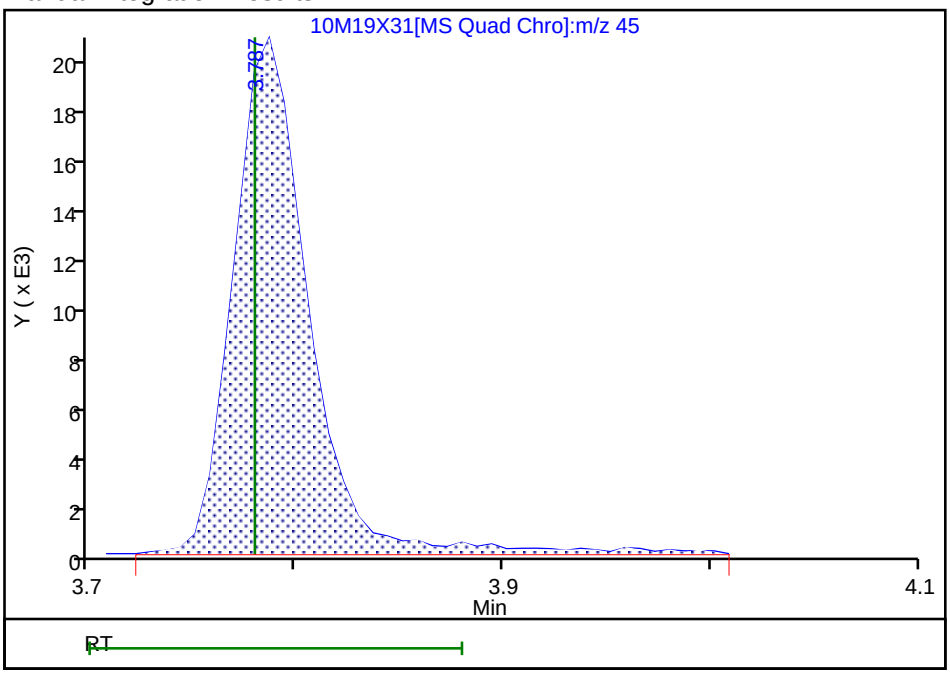
Processing Integration Results

RT: 3.79
Area: 52577
Amount: 2.899540
Amount Units: ppb v/v



Manual Integration Results

RT: 3.79
Area: 52254
Amount: 2.881727
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:28:25 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

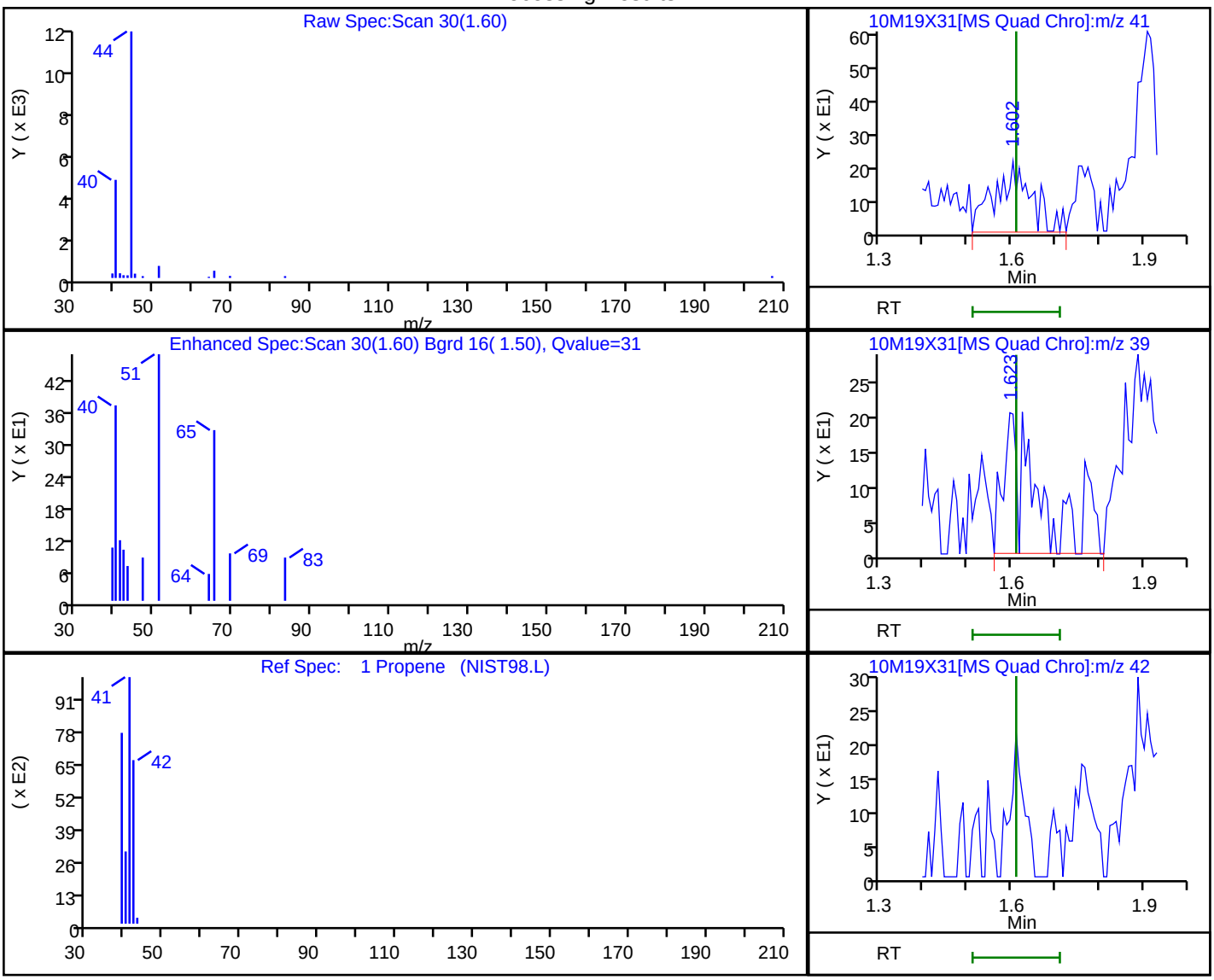
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X31.D				
Injection Date:	20-Mar-2026 02:13:24	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-9	Lab Sample ID:	410-271307-9		
Client ID:	4795				
Operator ID:	cv118168	ALS Bottle#:	25	Worklist Smp#:	30
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
1.60	41.00	1160	0.149126
1.62	39.00	1188	
1.61	42.00	0	

Reviewer: XU8K, 20-Mar-2026 18:28:05 -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.: 410-271307-1

SDG No.:

Client Sample ID: 1789 Lab Sample ID: 410-271307-10

Matrix: Air Lab File ID: 10M19X32.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 02:37

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 1789 Lab Sample ID: 410-271307-10

Matrix: Air Lab File ID: 10M19X32.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 02:37

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 1789 Lab Sample ID: 410-271307-10

Matrix: Air Lab File ID: 10M19X32.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 02:37

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	2.0	cn	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\HP4RA38\20260318-179351.b\10M19X32.D
Lims ID: 410-271307-A-10
Client ID: 1789
Sample Type: Client
Inject. Date: 20-Mar-2026 02:37:21 ALS Bottle#: 26 Worklist Smp#: 31
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1789
Misc. Info.: 410-0179351-031
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 18:30:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
23 Acetone	43	3.601	3.608	0.007	99	12574	0.7945	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	36140	2.03	
28 Acetonitrile	41	4.081	4.073	0.007	93	3246	0.4412	
43 2-Butanone (MEK)	72	5.871	5.850	0.021	96	868	0.1408	
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	137004	10.0	
* 50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	553714	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	538446	10.0	

QC Flag Legend
Processing Flags

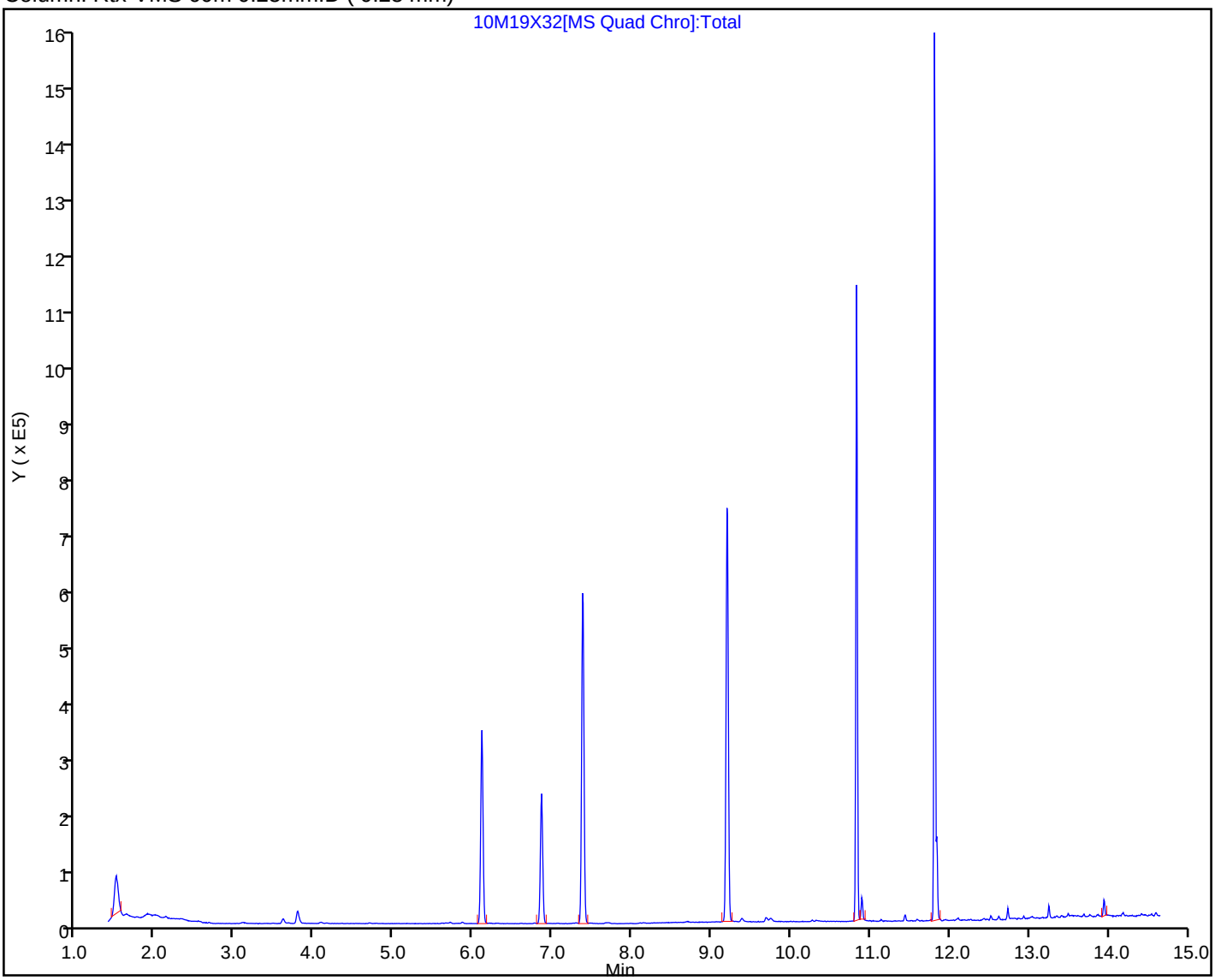
Reagents:
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:43 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X32.D				
Injection Date:	20-Mar-2026 02:37:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-10	Lab Sample ID:	410-271307-10		
Client ID:	1789				
Operator ID:	cv118168	ALS Bottle#:	26	Worklist Smp#:	31
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

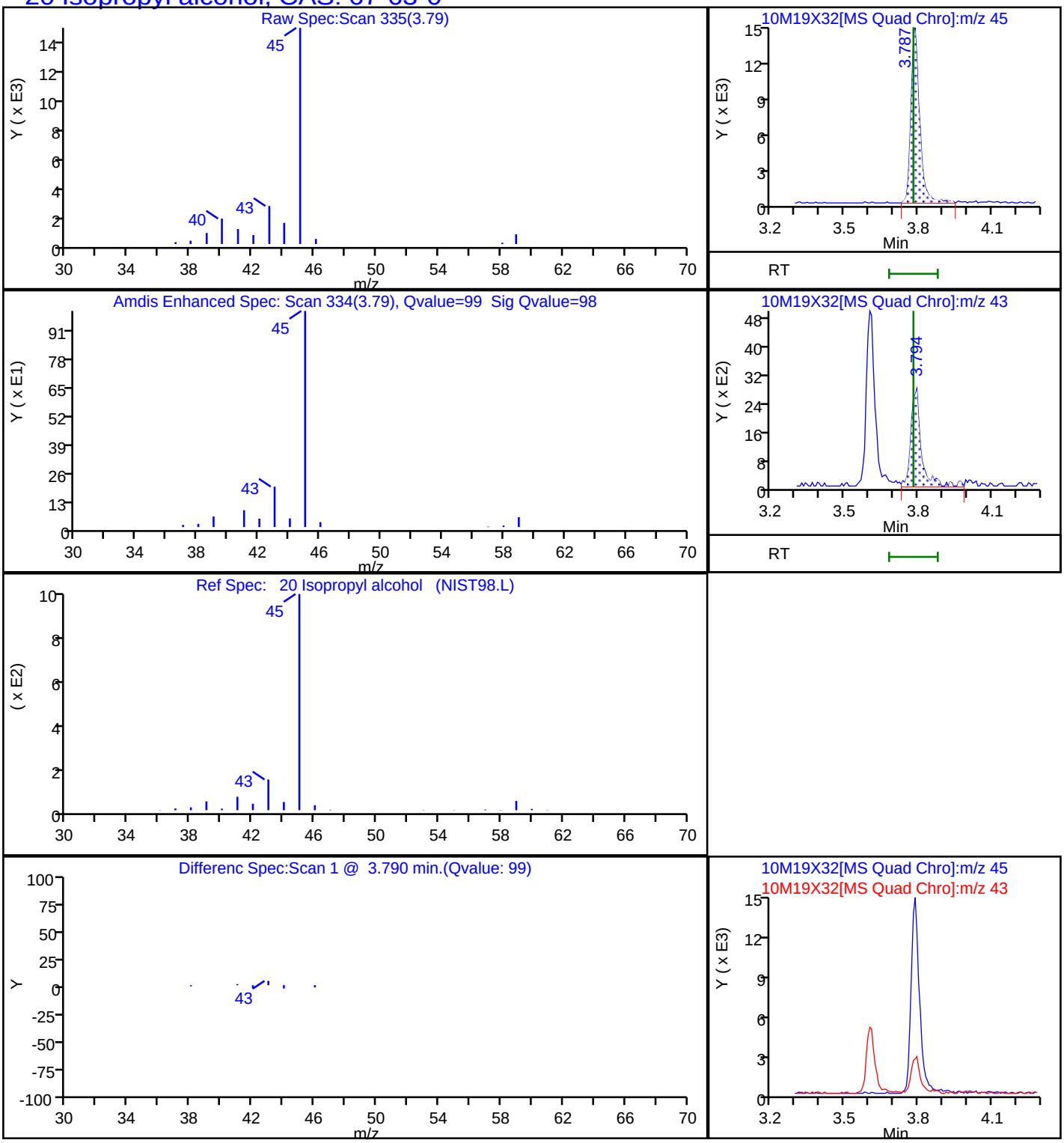


Report Date: 20-Mar-2026 20:38:43 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X32.D				
Injection Date:	20-Mar-2026 02:37:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-10	Lab Sample ID:	410-271307-10		
Client ID:	1789				
Operator ID:	cv118168	ALS Bottle#:	26	Worklist Smp#:	31
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0



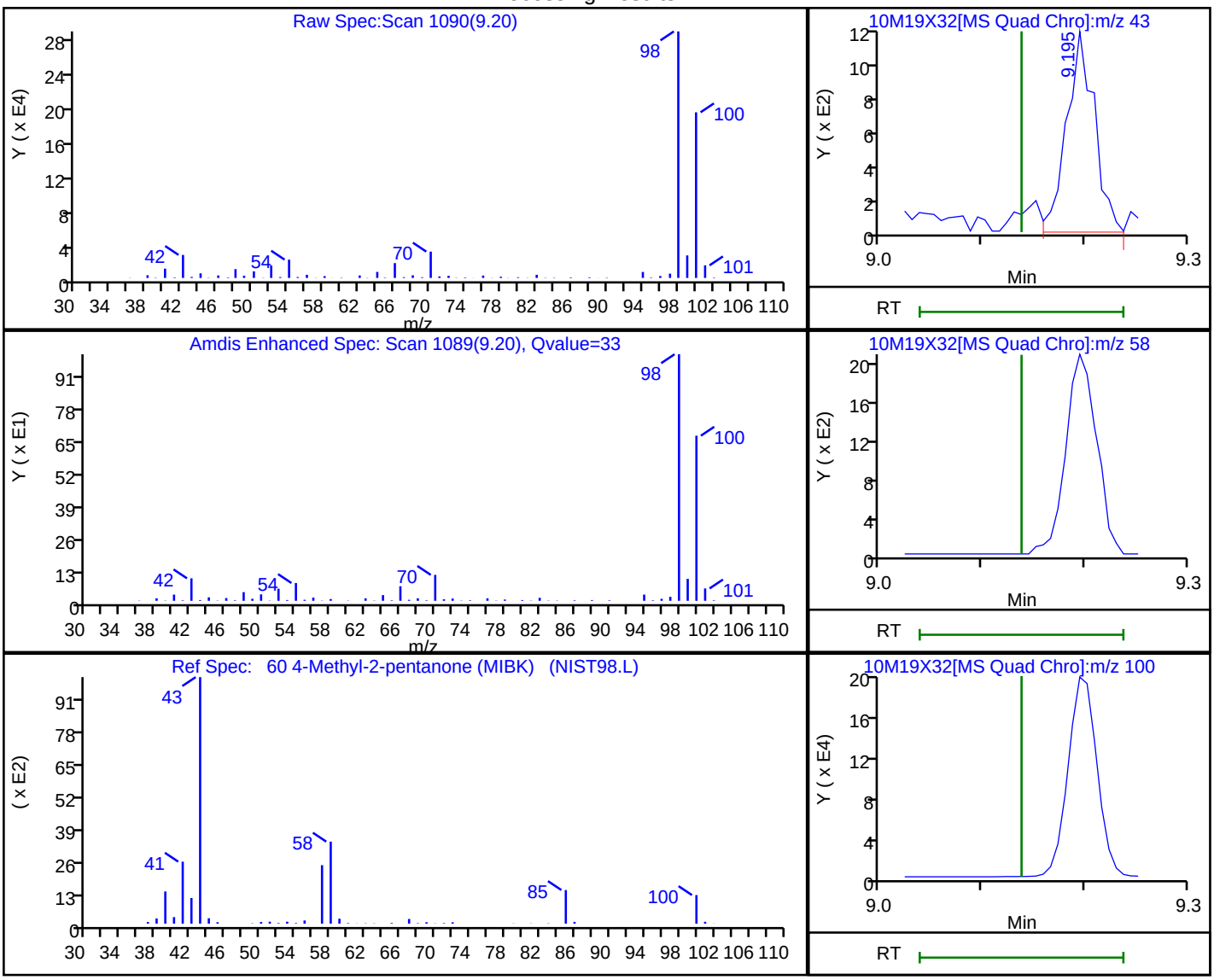
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X32.D				
Injection Date:	20-Mar-2026 02:37:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-10	Lab Sample ID:	410-271307-10		
Client ID:	1789				
Operator ID:	cv118168	ALS Bottle#:	26	Worklist Smp#:	31
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.20	43.00	2236	0.086134
9.20	58.00	4387	
9.20	100.00	385049	

Reviewer: XU8K, 20-Mar-2026 18:29:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

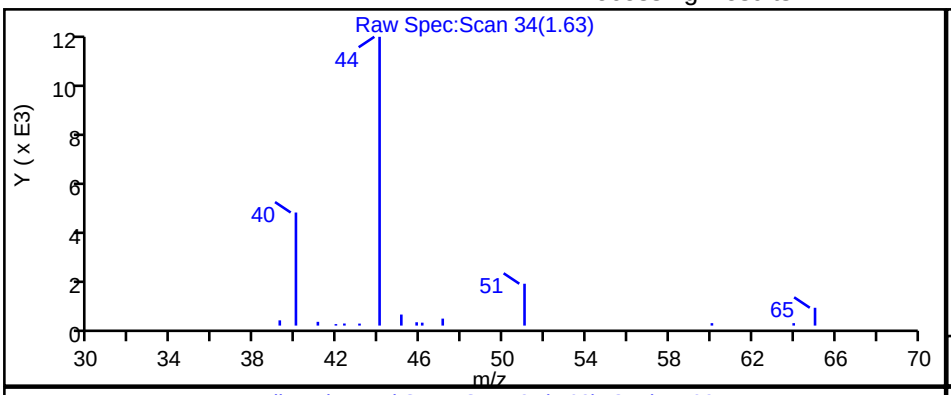
User Disabled Compound Report

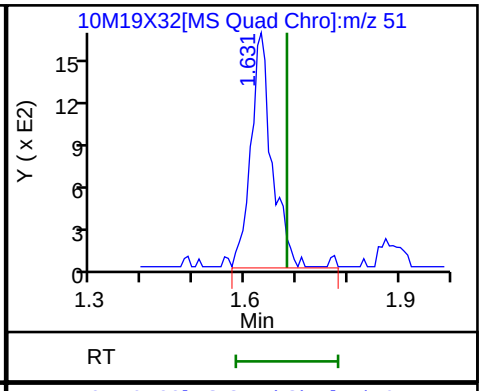
Eurofins Lancaster Laboratories Environment Testing, LLC

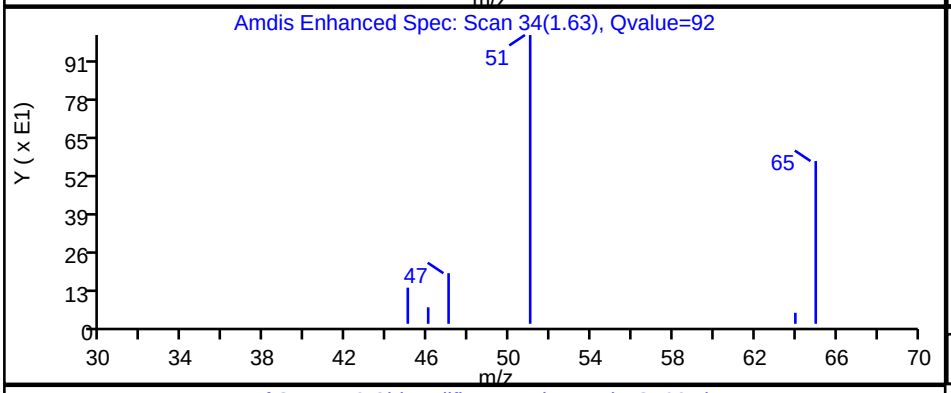
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Injection Date:	20-Mar-2026 02:37:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-10	Lab Sample ID:	410-271307-10		
Client ID:	1789				
Operator ID:	cv118168	ALS Bottle#:	26	Worklist Smp#:	31
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

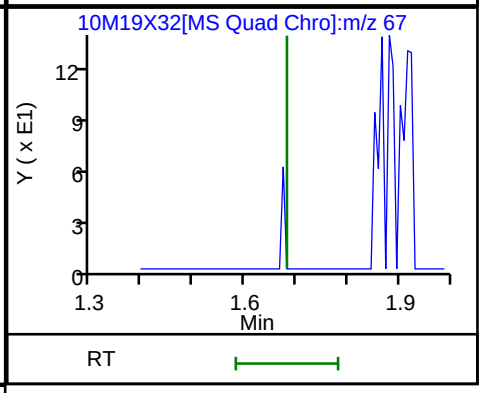
3 Chlorodifluoromethane, CAS: 75-45-6

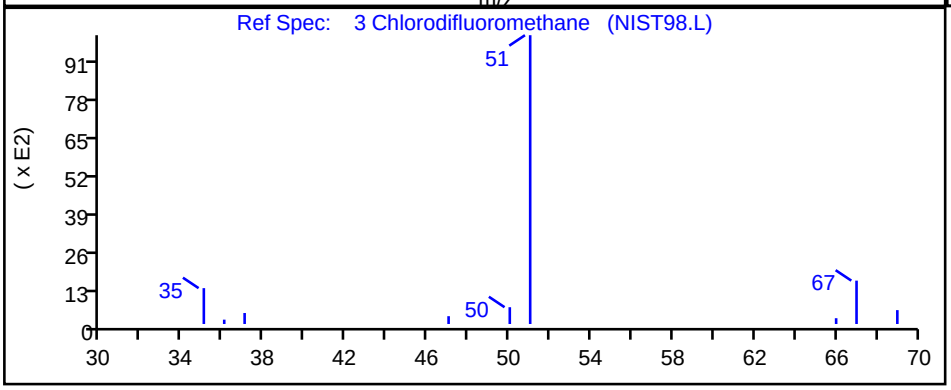
Processing Results











RT	Mass	Response	Amount
1.63	51.00	4681	0.317355
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 18:29:29 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

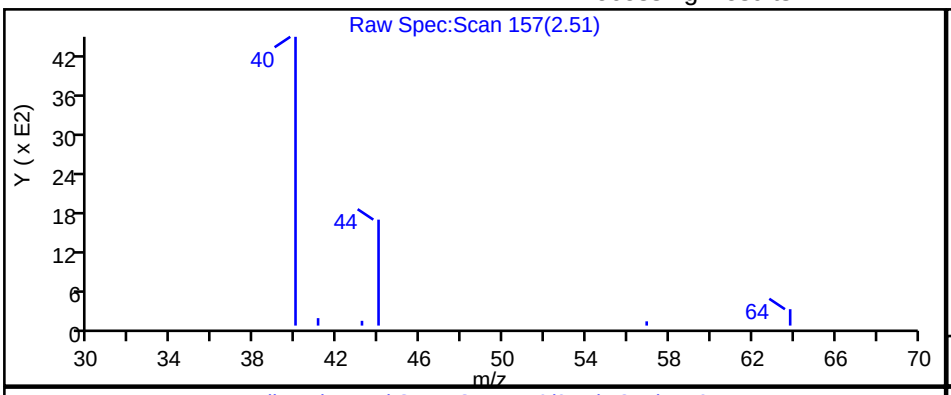
User Disabled Compound Report

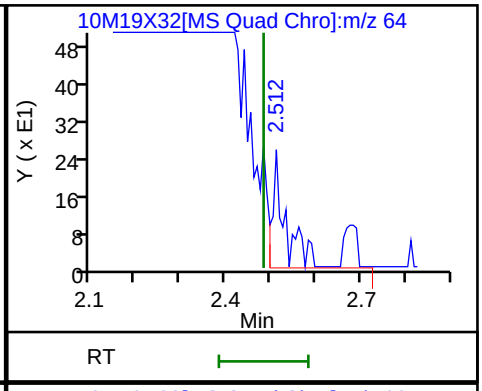
Eurofins Lancaster Laboratories Environment Testing, LLC

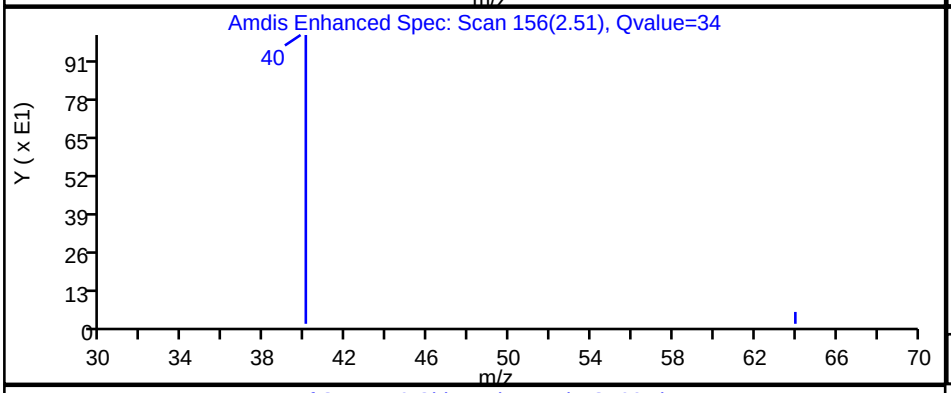
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X32.D				
Injection Date:	20-Mar-2026 02:37:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-10	Lab Sample ID:	410-271307-10		
Client ID:	1789				
Operator ID:	cv118168	ALS Bottle#:	26	Worklist Smp#:	31
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

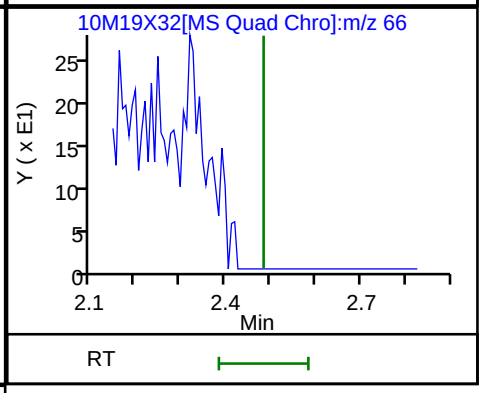
9 Chloroethane, CAS: 75-00-3

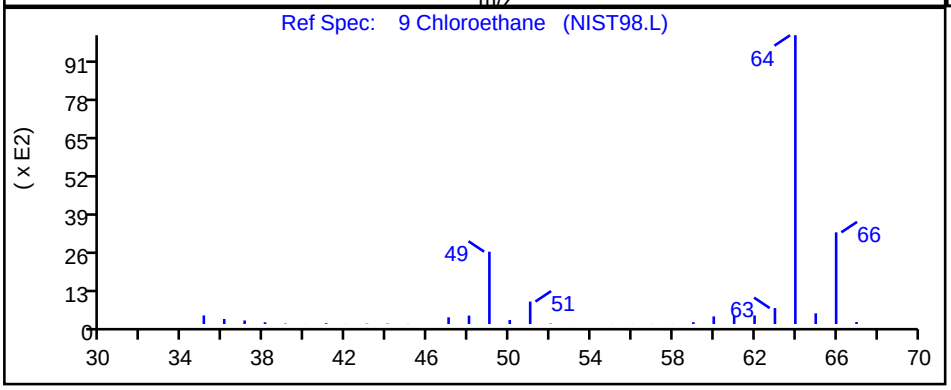
Processing Results











RT	Mass	Response	Amount
2.51	64.00	647	0.096212
2.48	66.00	0	

Reviewer: XU8K, 20-Mar-2026 18:29:34 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

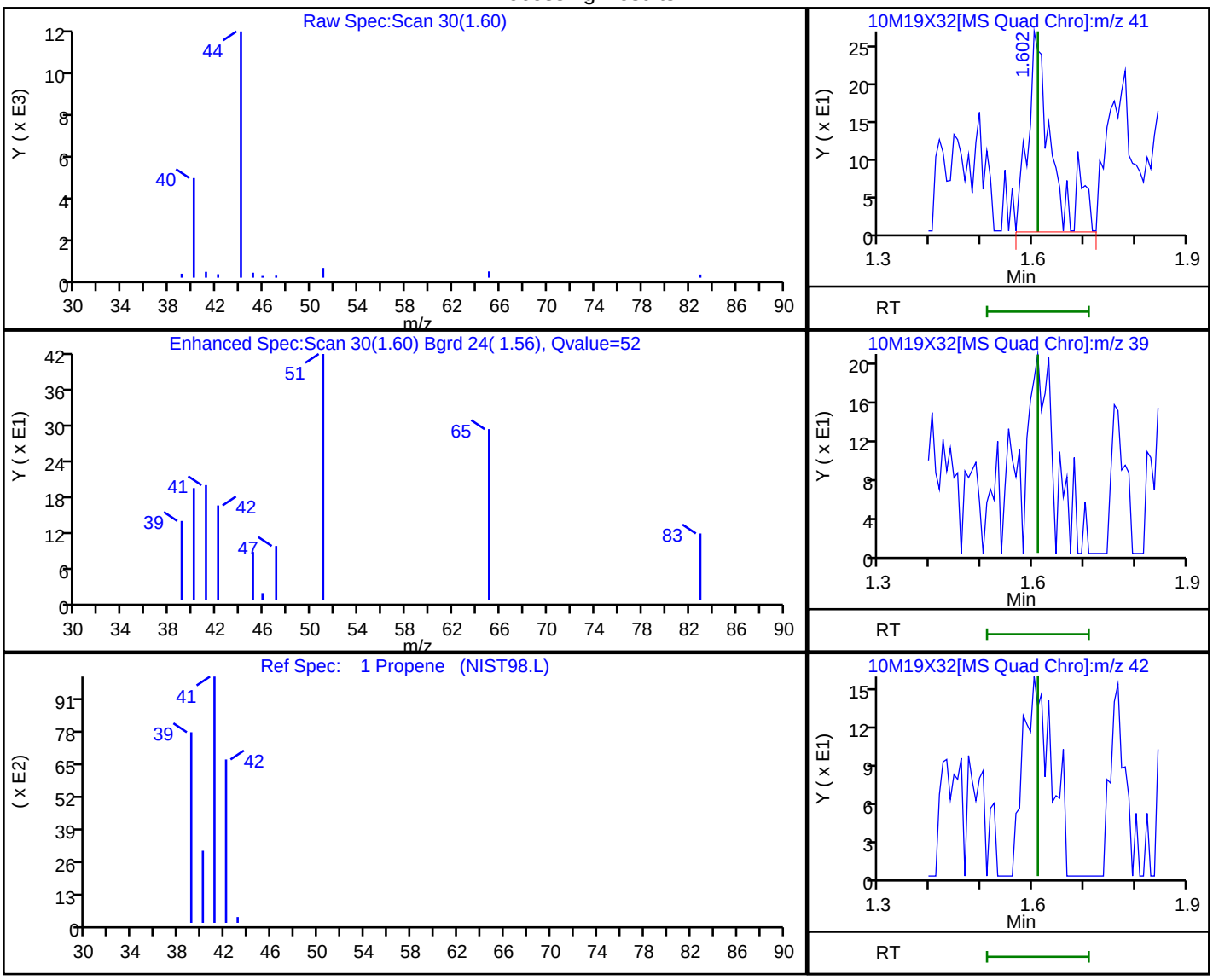
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X32.D				
Injection Date:	20-Mar-2026 02:37:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-10	Lab Sample ID:	410-271307-10		
Client ID:	1789				
Operator ID:	cv118168	ALS Bottle#:	26	Worklist Smp#:	31
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
1.60	41.00	866	0.113254
1.61	39.00	0	
1.61	42.00	0	

Reviewer: XU8K, 20-Mar-2026 18:29:25 -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.: 410-271307-1

SDG No.:

Client Sample ID: 1958 Lab Sample ID: 410-271307-11

Matrix: Air Lab File ID: 10M19X33.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 03:01

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 1958 Lab Sample ID: 410-271307-11

Matrix: Air Lab File ID: 10M19X33.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 03:01

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 1958 Lab Sample ID: 410-271307-11

Matrix: Air Lab File ID: 10M19X33.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 03:01

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	1.9	cn	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\HP4RA38\20260318-179351.b\10M19X33.D				
Lims ID:	410-271307-A-11				
Client ID:	1958				
Sample Type:	Client				
Inject. Date:	20-Mar-2026 03:01:21	ALS Bottle#:	27	Worklist Smp#:	32
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc1958				
Misc. Info.:	410-0179351-032				
Operator ID:	cv118168	Instrument ID:	HP4RA38		
Method:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m				
Limit Group:	MSV - TO15				
Last Update:	20-Mar-2026 18:34:03	Calib Date:	07-Feb-2026 16:55:22		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1625				
First Level Reviewer: XU8K		Date:	20-Mar-2026 18:31:43		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
23 Acetone	43	3.601	3.608	0.007	100	11691	0.7242	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	33658	1.85	
28 Acetonitrile	41	4.088	4.073	0.014	95	3074	0.4096	7M
43 2-Butanone (MEK)	72	5.857	5.850	0.007	99	685	0.1089	
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	139756	10.0	
* 50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	560941	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	524314	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

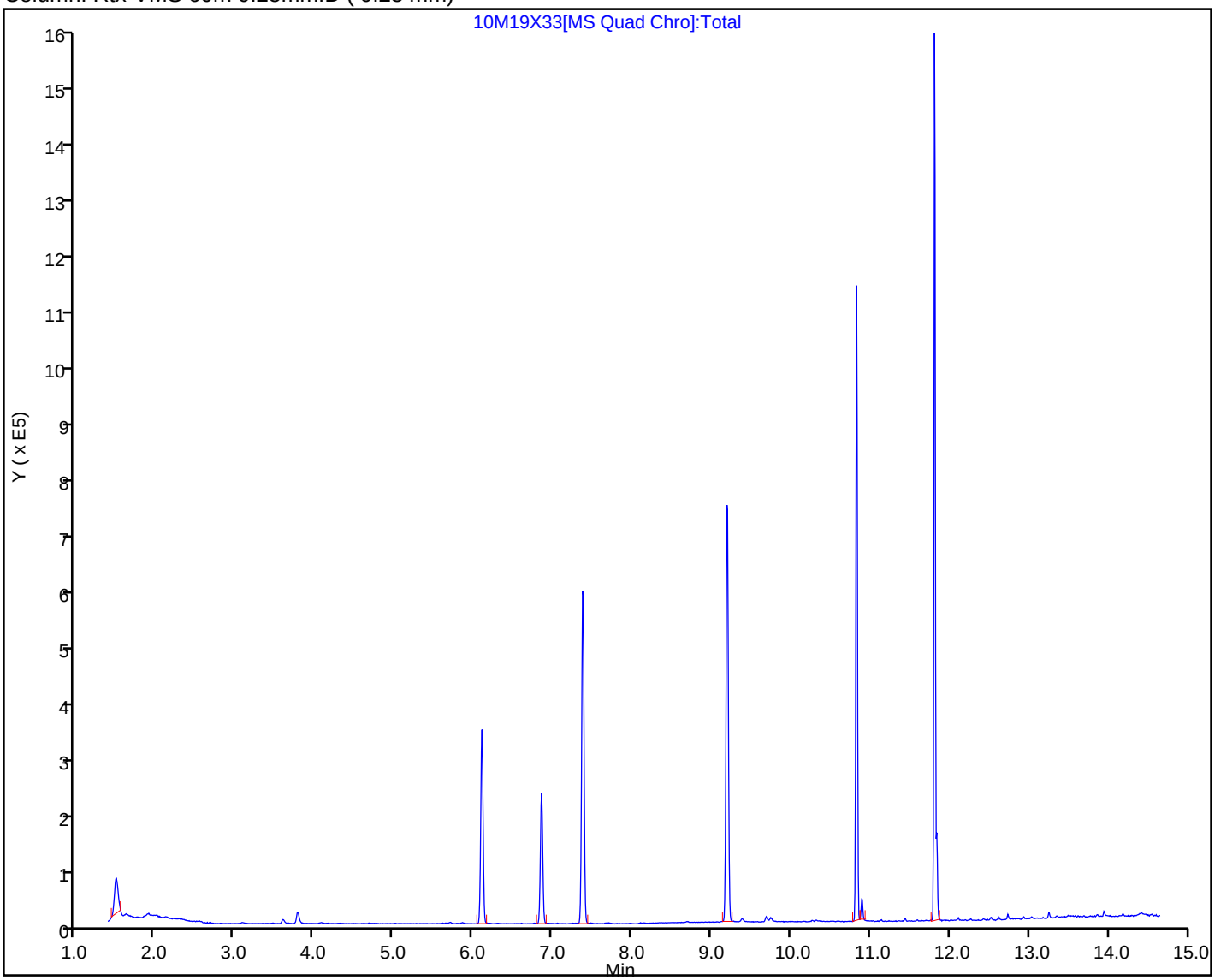
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:45 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X33.D				
Injection Date:	20-Mar-2026 03:01:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-11	Lab Sample ID:	410-271307-11		
Client ID:	1958				
Operator ID:	cv118168	ALS Bottle#:	27	Worklist Smp#:	32
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

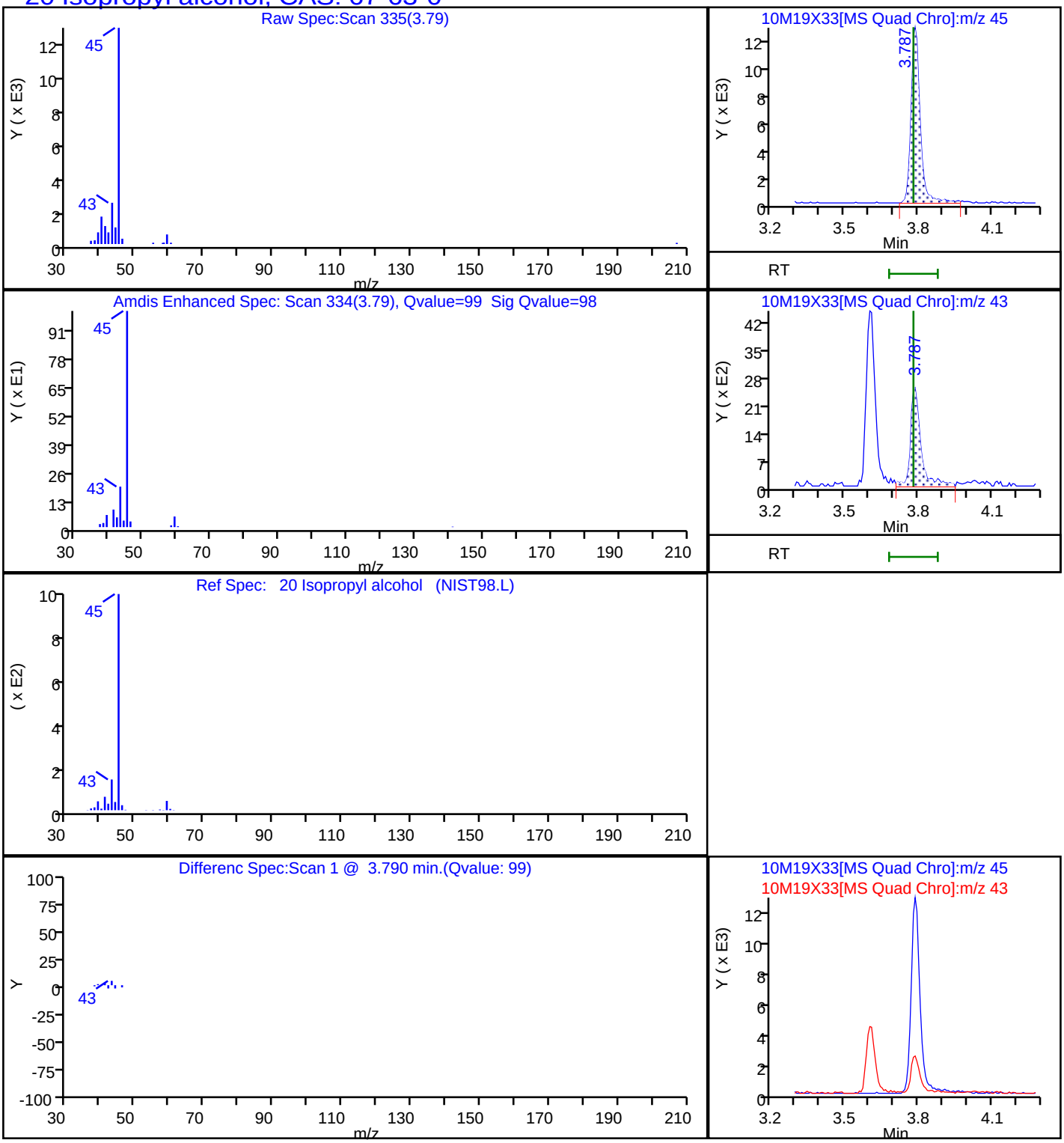


Report Date: 20-Mar-2026 20:38:45 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X33.D				
Injection Date:	20-Mar-2026 03:01:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-11	Lab Sample ID:	410-271307-11		
Client ID:	1958				
Operator ID:	cv118168	ALS Bottle#:	27	Worklist Smp#:	32
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0



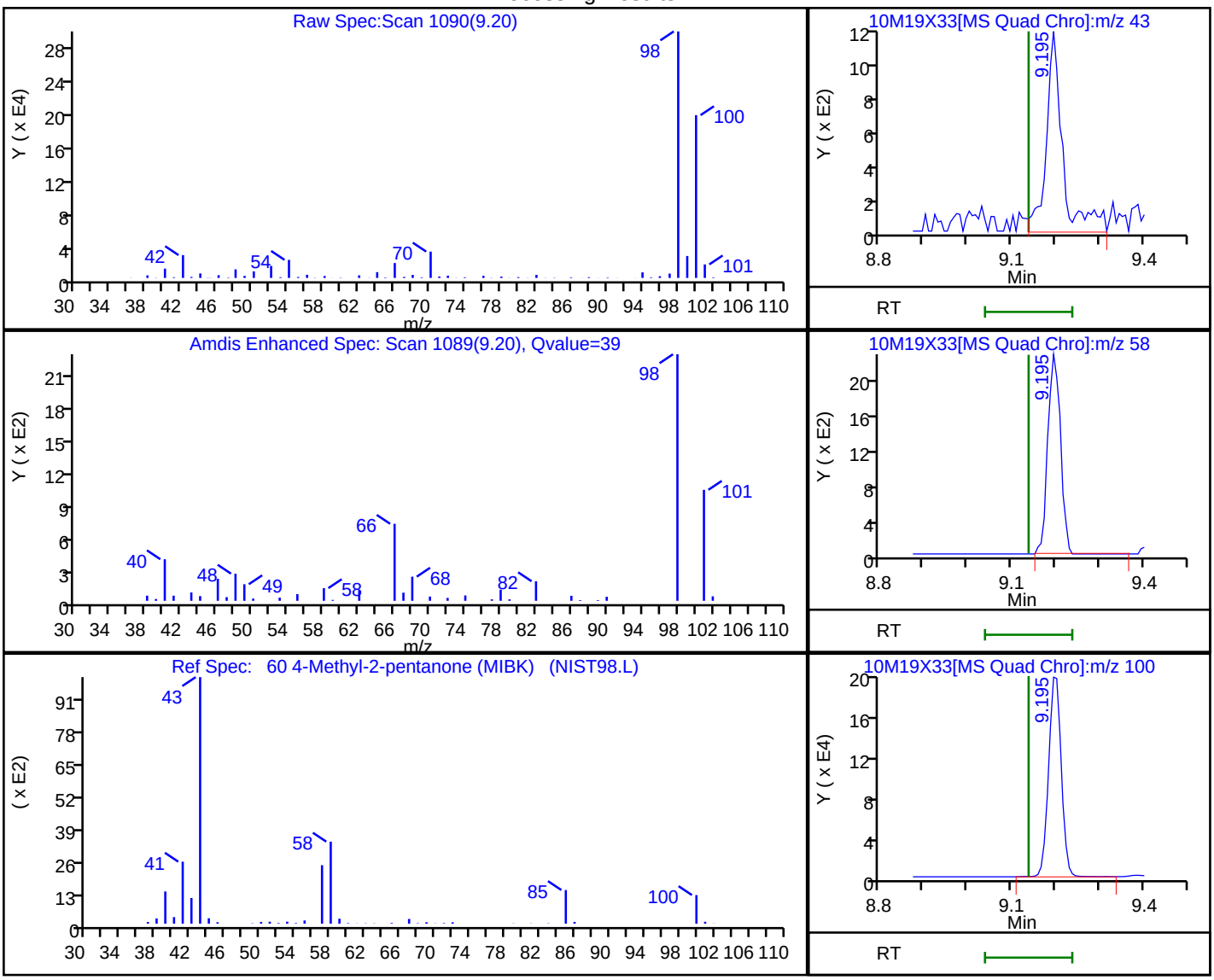
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X33.D				
Injection Date:	20-Mar-2026 03:01:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-11	Lab Sample ID:	410-271307-11		
Client ID:	1958				
Operator ID:	cv118168	ALS Bottle#:	27	Worklist Smp#:	32
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.20	43.00	3064	0.116510
9.20	58.00	4580	
9.20	100.00	389293	

Reviewer: XU8K, 20-Mar-2026 18:31:33 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

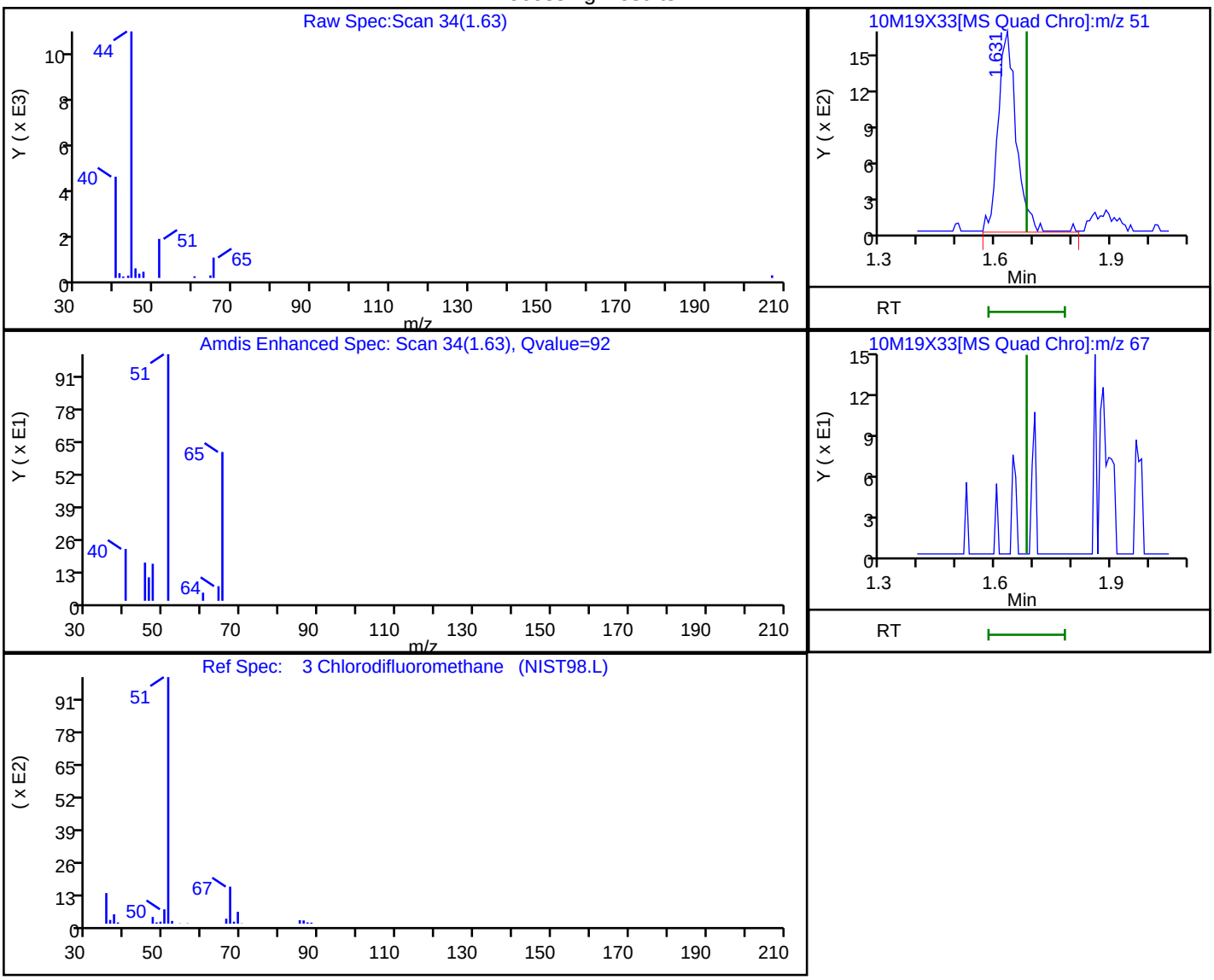
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X33.D				
Injection Date:	20-Mar-2026 03:01:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-11	Lab Sample ID:	410-271307-11		
Client ID:	1958				
Operator ID:	cv118168	ALS Bottle#:	27	Worklist Smp#:	32
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.63	51.00	5439	0.361483
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 18:30:46 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

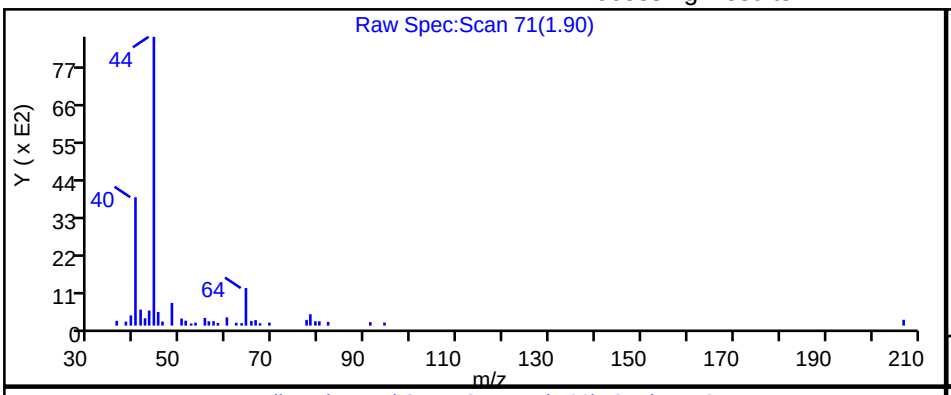
User Disabled Compound Report

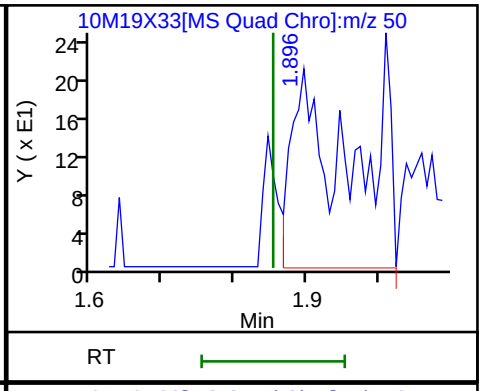
Eurofins Lancaster Laboratories Environment Testing, LLC

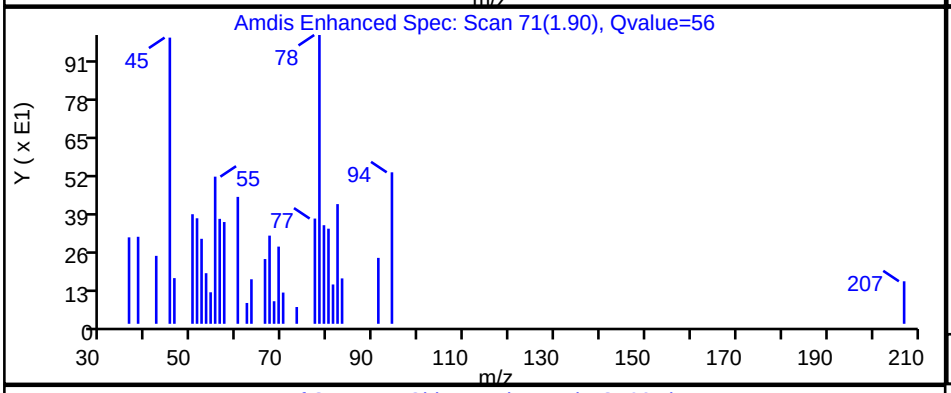
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Injection Date:	20-Mar-2026 03:01:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-11	Lab Sample ID:	410-271307-11		
Client ID:	1958				
Operator ID:	cv118168	ALS Bottle#:	27	Worklist Smp#:	32
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

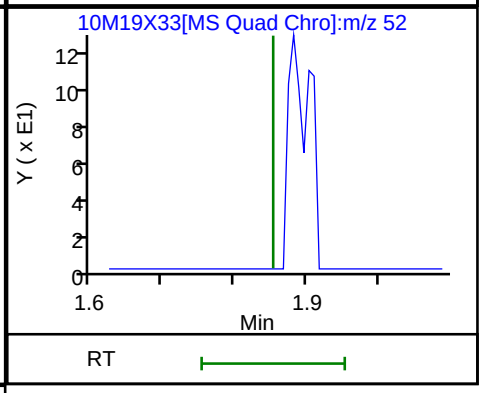
5 Chloromethane, CAS: 74-87-3

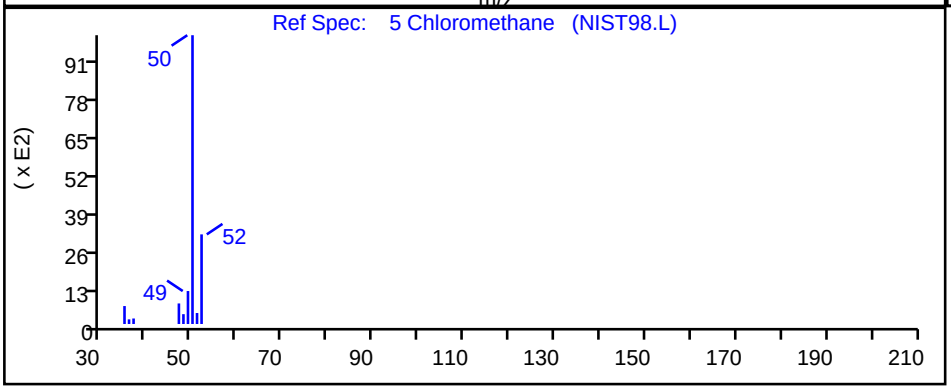
Processing Results











RT	Mass	Response	Amount
1.90	50.00	1180	0.125312
1.85	52.00	0	

Reviewer: XU8K, 20-Mar-2026 18:30:56 -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

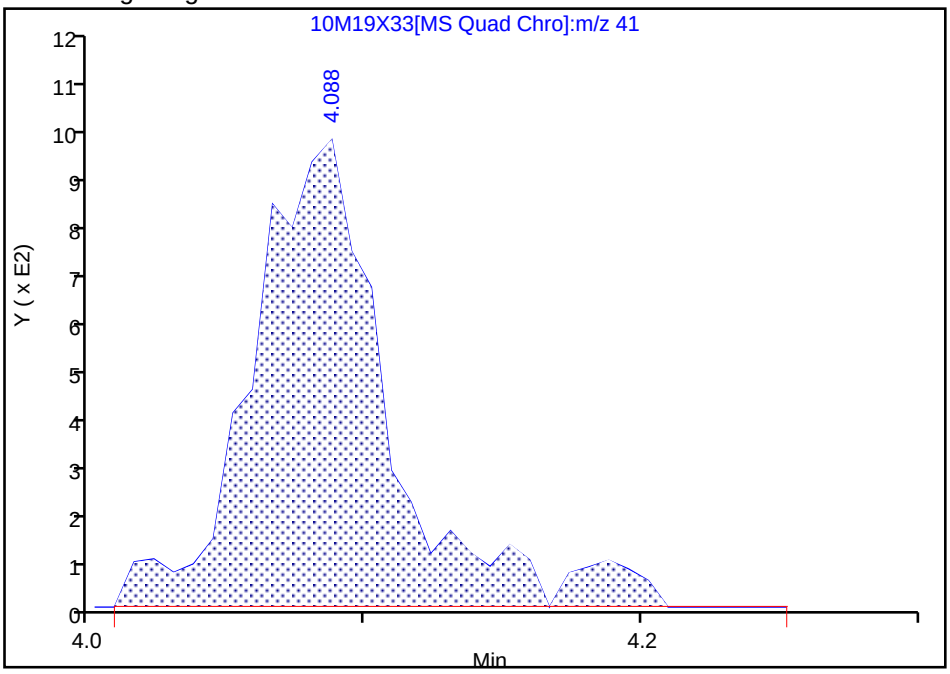
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X33.D				
Injection Date:	20-Mar-2026 03:01:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-11	Lab Sample ID:	410-271307-11		
Client ID:	1958				
Operator ID:	cv118168	ALS Bottle#:	27	Worklist Smp#:	32
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

28 Acetonitrile, CAS: 75-05-8

Signal: 1

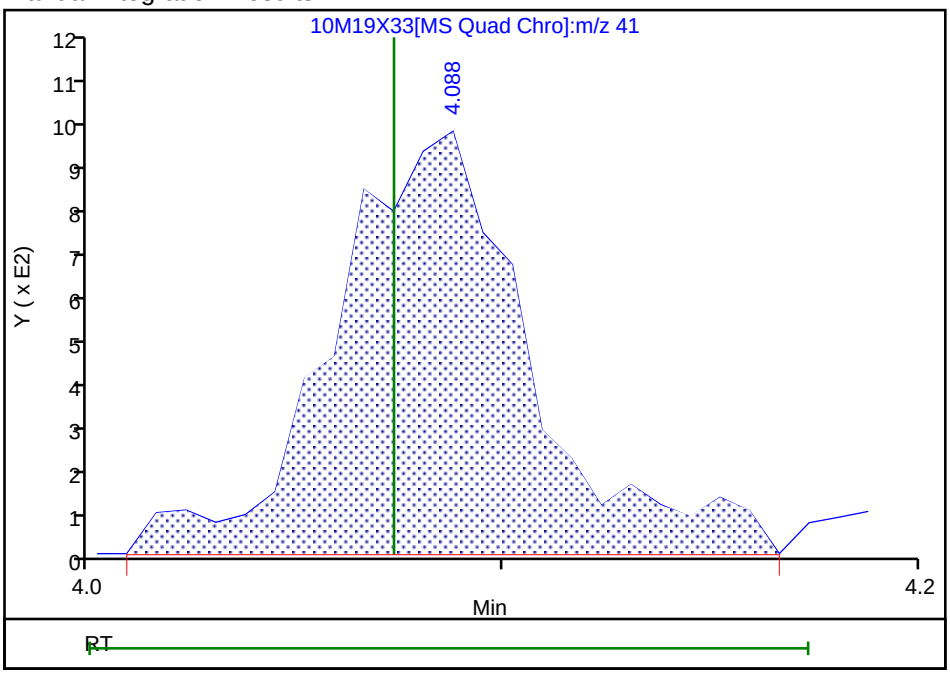
Processing Integration Results

RT: 4.09
Area: 3233
Amount: 0.430784
Amount Units: ppb v/v



Manual Integration Results

RT: 4.09
Area: 3074
Amount: 0.409598
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:31:07 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

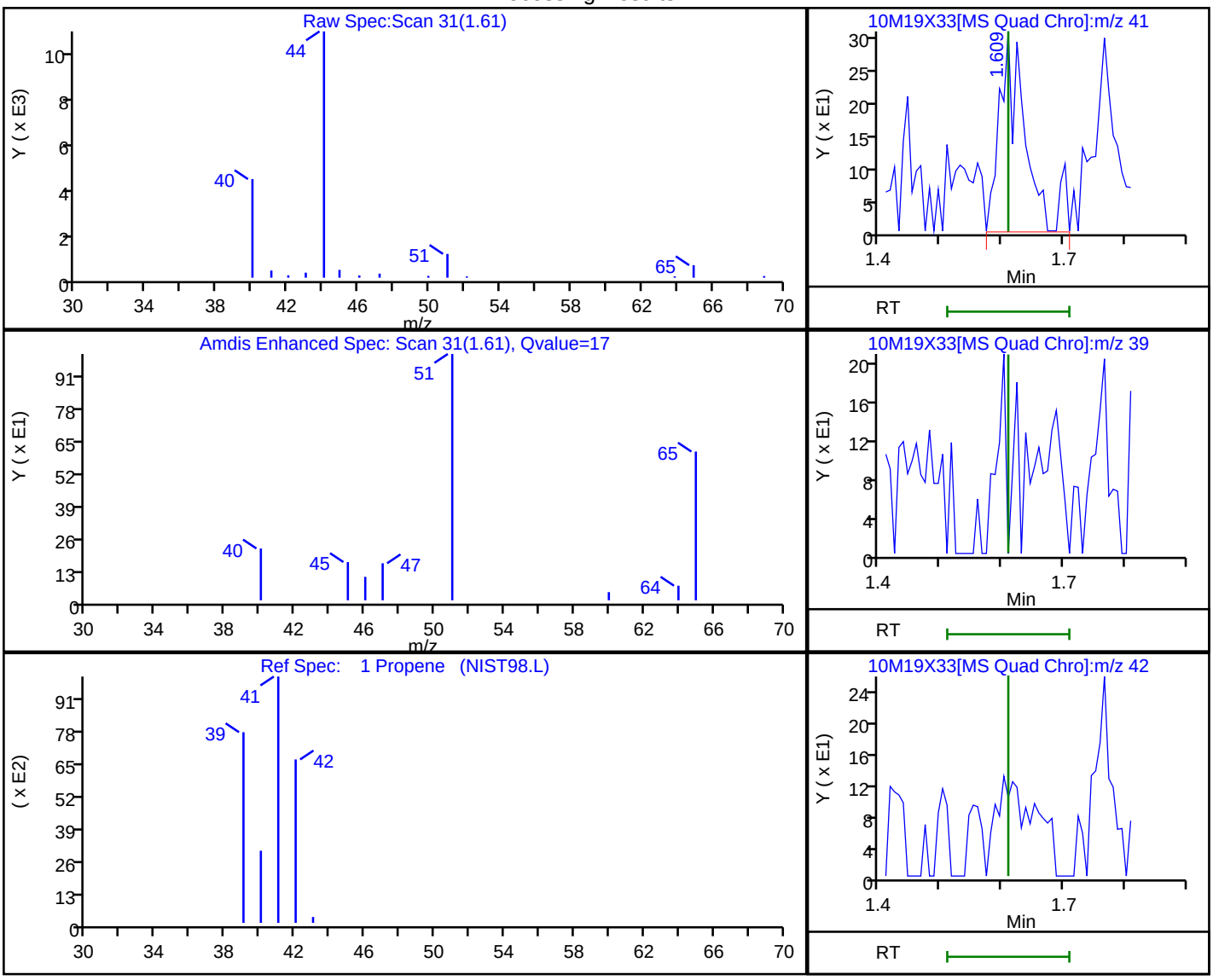
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X33.D				
Injection Date:	20-Mar-2026 03:01:21	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-11	Lab Sample ID:	410-271307-11		
Client ID:	1958				
Operator ID:	cv118168	ALS Bottle#:	27	Worklist Smp#:	32
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
1.61	41.00	889	0.113972
1.61	39.00	0	
1.61	42.00	0	

Reviewer: XU8K, 20-Mar-2026 18:30:43 -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.: 410-271307-1

SDG No.:

Client Sample ID: 4717 Lab Sample ID: 410-271307-12

Matrix: Air Lab File ID: 10M19X34.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 03:25

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 4717 Lab Sample ID: 410-271307-12

Matrix: Air Lab File ID: 10M19X34.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 03:25

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271307-1

SDG No.:

Client Sample ID: 4717 Lab Sample ID: 410-271307-12

Matrix: Air Lab File ID: 10M19X34.D

Analysis Method: TO-15 Date Collected: 03/19/2026 15:01

Sample wt/vol: 200(mL) Date Analyzed: 03/20/2026 03:25

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	4.5	cn	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	0.95	J *+	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	4.0	J *+ cn	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\HP4RA38\20260318-179351.b\10M19X34.D
Lims ID: 410-271307-A-12
Client ID: 4717
Sample Type: Client
Inject. Date: 20-Mar-2026 03:25:14 ALS Bottle#: 6 Worklist Smp#: 33
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc4717
Misc. Info.: 410-0179351-033
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 18:34:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
14 Ethanol	45	3.085	3.085	0.000	100	12708	4.01	M
23 Acetone	43	3.601	3.608	0.007	99	14726	0.9043	
20 Isopropyl alcohol	45	3.780	3.787	0.000	99	83057	4.53	
28 Acetonitrile	41	4.073	4.073	-0.001	99	7179	0.9483	M
25 Hexane	56	4.689	4.697	-0.008	92	662	0.0651	
43 2-Butanone (MEK)	72	5.857	5.850	0.007	99	1015	0.1600	
38 Ethyl acetate	70	5.886	5.886	0.000	98	643	0.1969	
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	94	140973	10.0	
* 50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	557418	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	86	519092	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

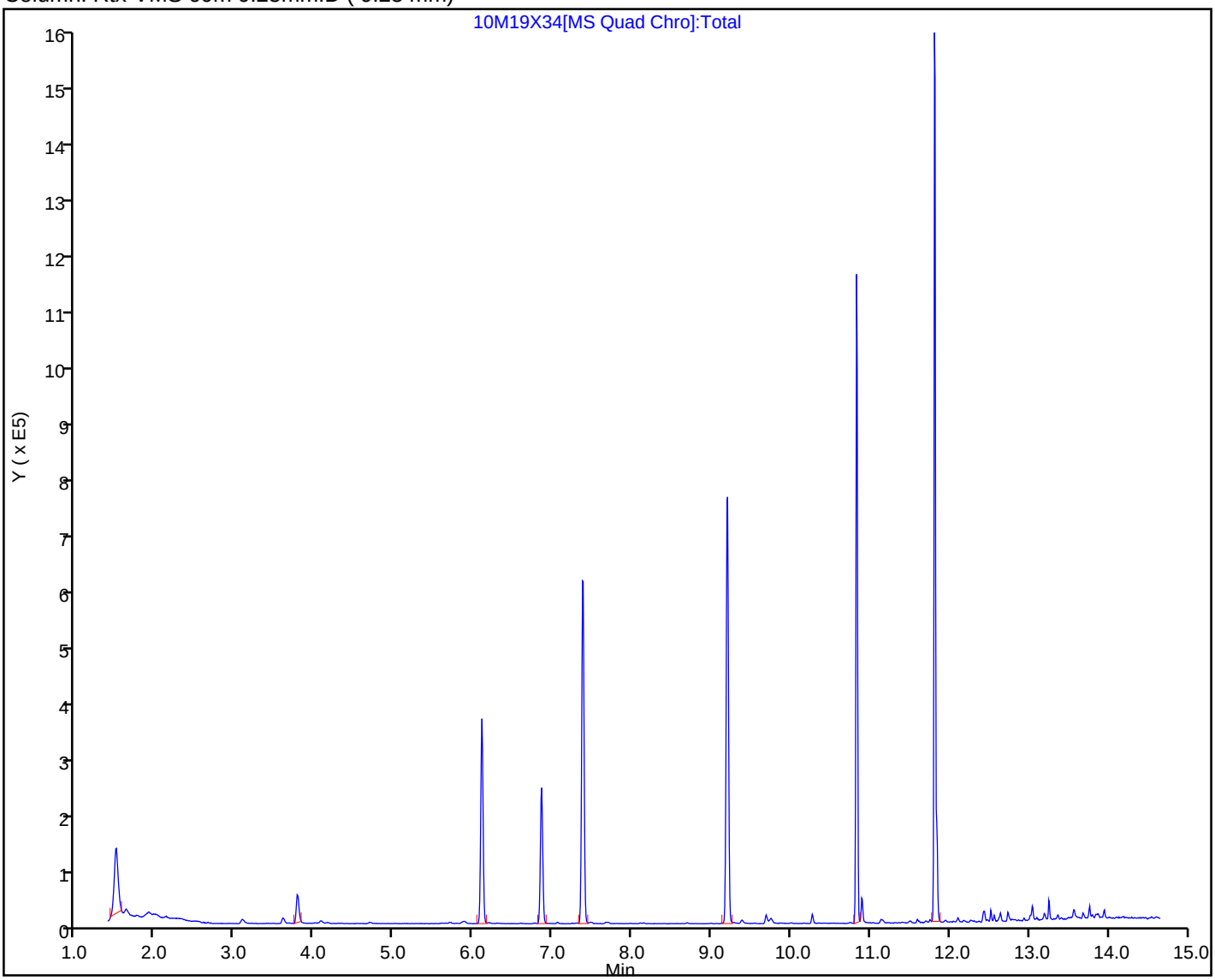
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:47 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X34.D				
Injection Date:	20-Mar-2026 03:25:14	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-12	Lab Sample ID:	410-271307-12		
Client ID:	4717				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	33
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

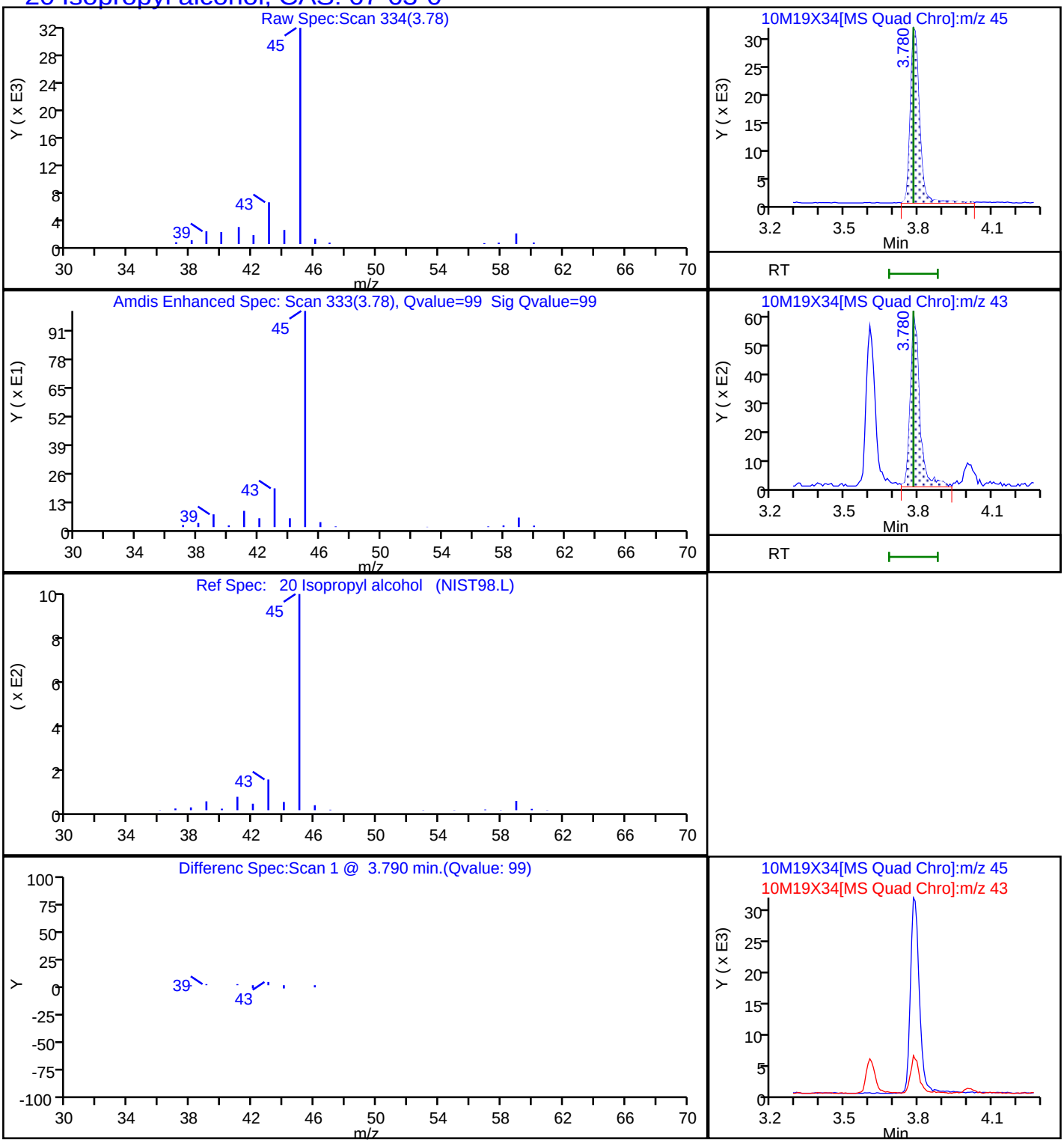


Report Date: 20-Mar-2026 20:38:48 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X34.D				
Injection Date:	20-Mar-2026 03:25:14	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-12	Lab Sample ID:	410-271307-12		
Client ID:	4717				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	33
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

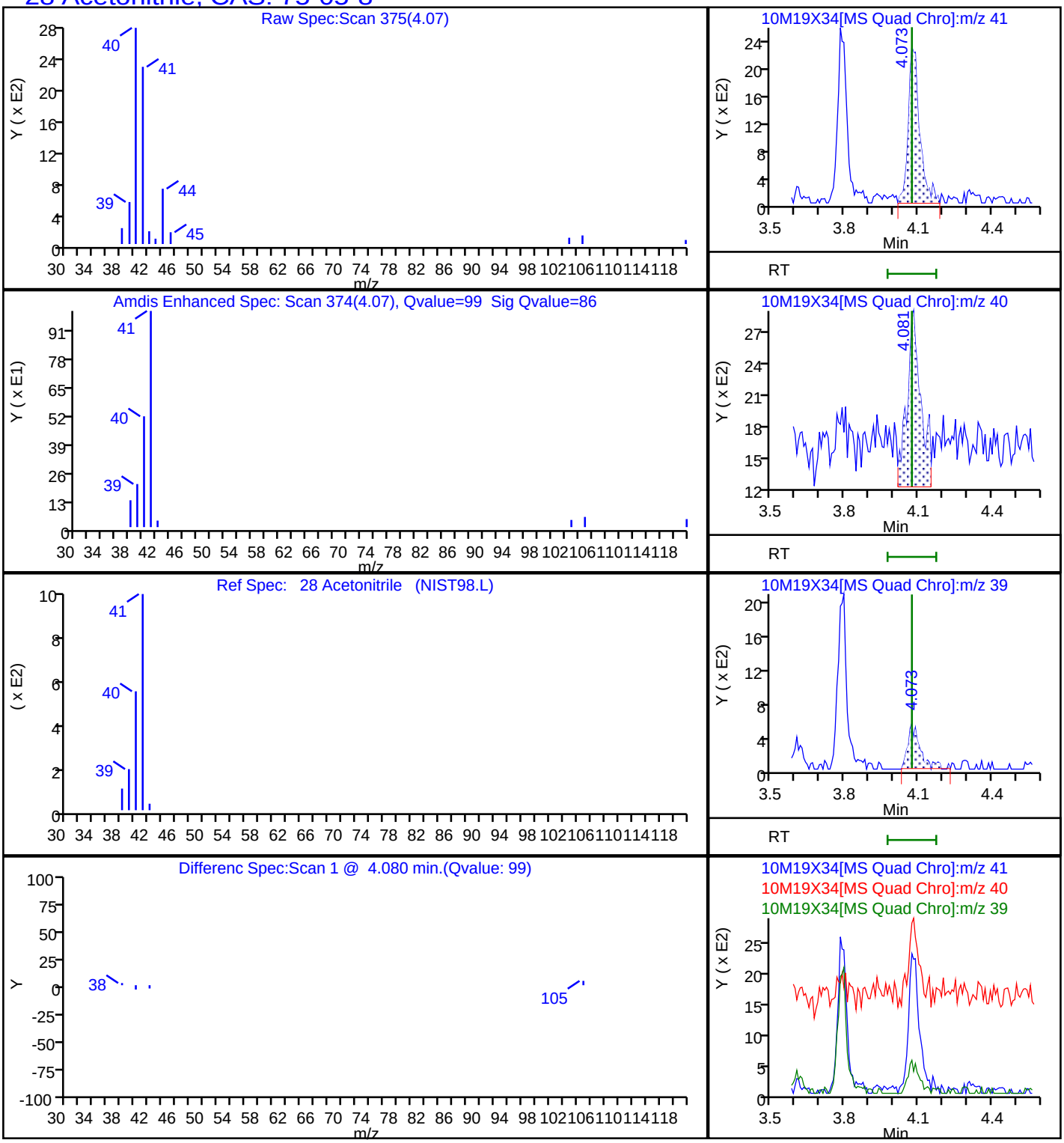


Report Date: 20-Mar-2026 20:38:48 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X34.D				
Injection Date:	20-Mar-2026 03:25:14	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-12	Lab Sample ID:	410-271307-12		
Client ID:	4717				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	33
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

28 Acetonitrile, CAS: 75-05-8

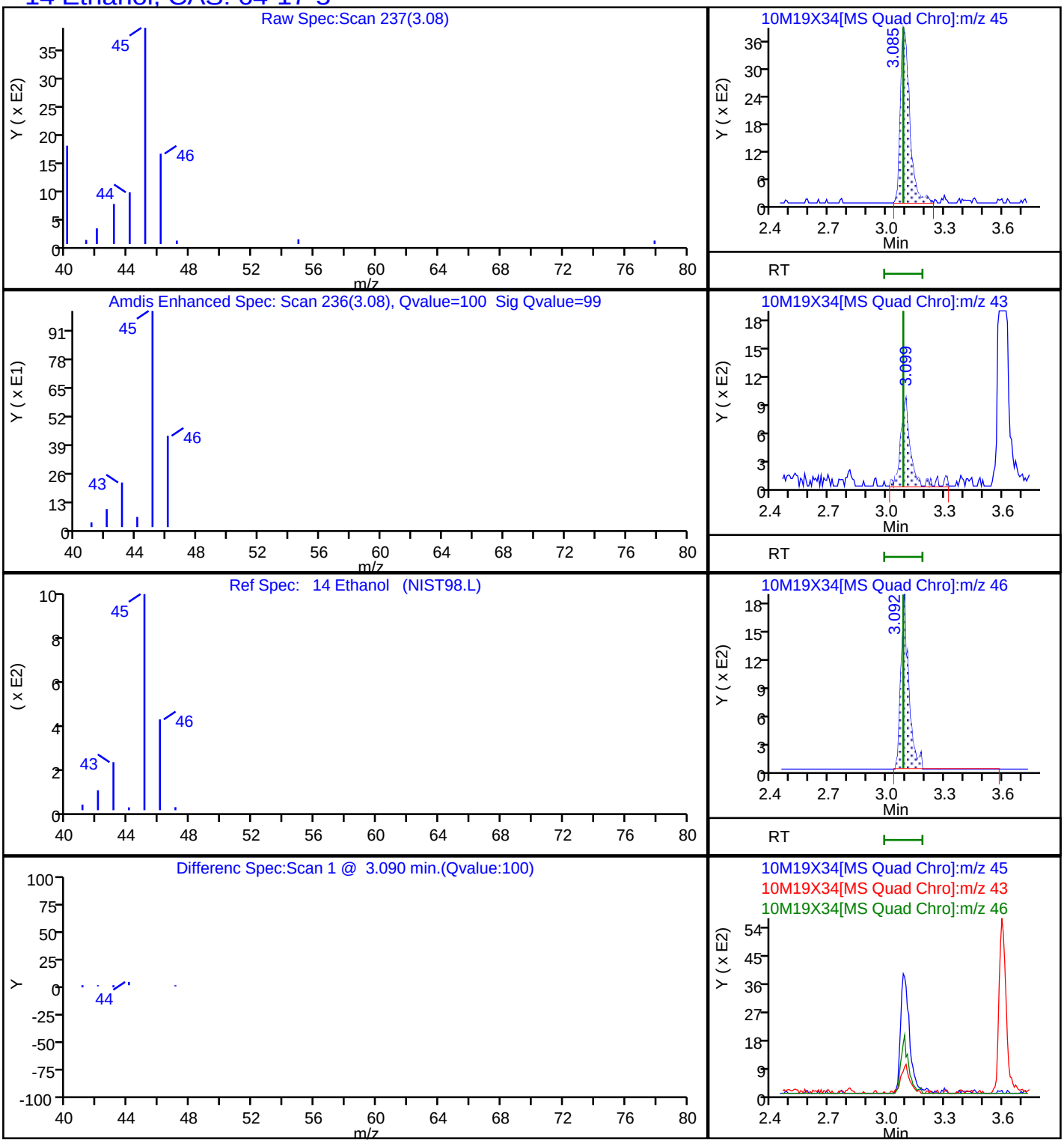


Report Date: 20-Mar-2026 20:38:47 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X34.D				
Injection Date:	20-Mar-2026 03:25:14	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-12	Lab Sample ID:	410-271307-12		
Client ID:	4717				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	33
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

14 Ethanol, CAS: 64-17-5



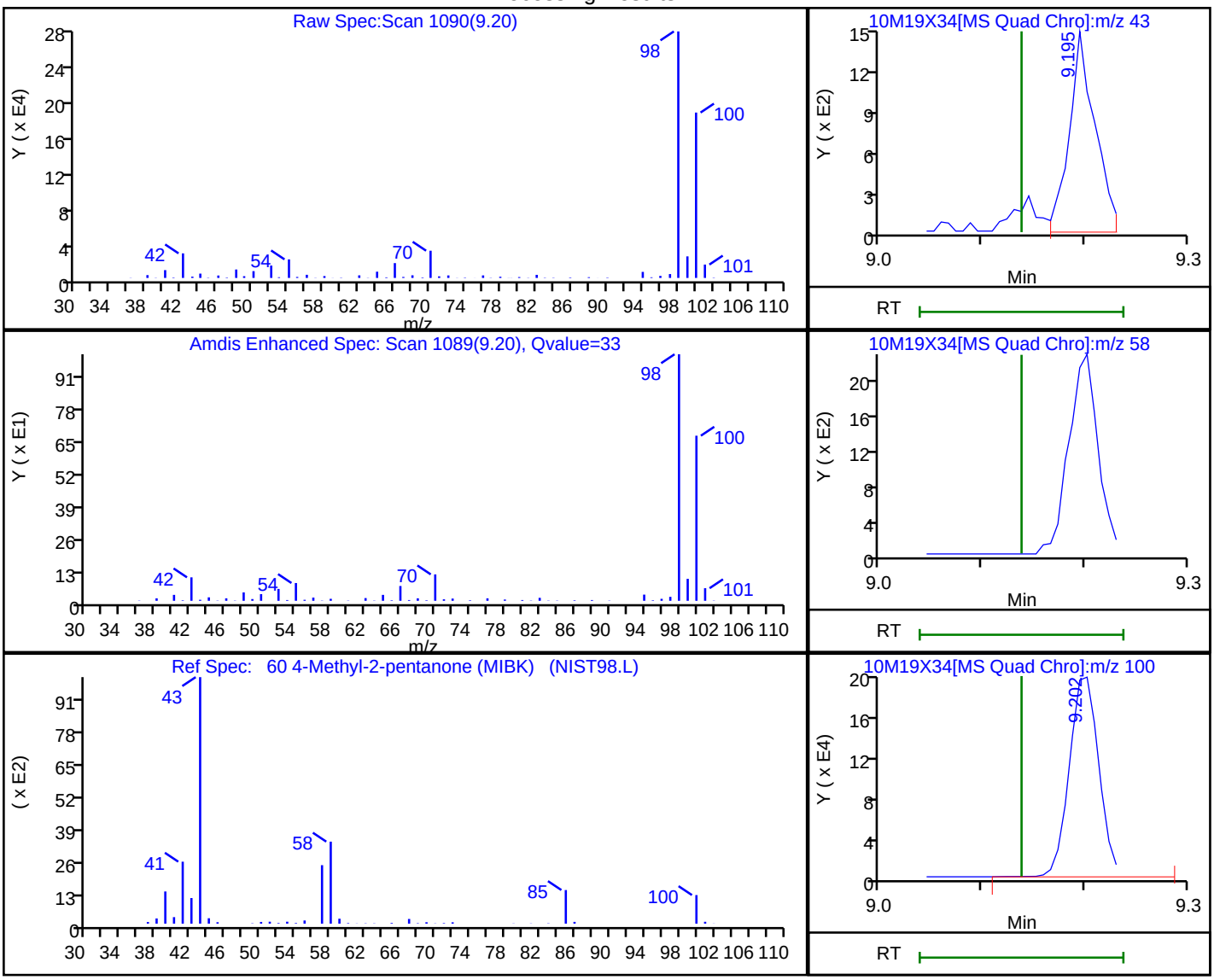
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X34.D				
Injection Date:	20-Mar-2026 03:25:14	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-12	Lab Sample ID:	410-271307-12		
Client ID:	4717				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	33
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.20	43.00	2534	0.096965
9.20	58.00	4554	
9.20	100.00	386269	

Reviewer: XU8K, 20-Mar-2026 18:33:46 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

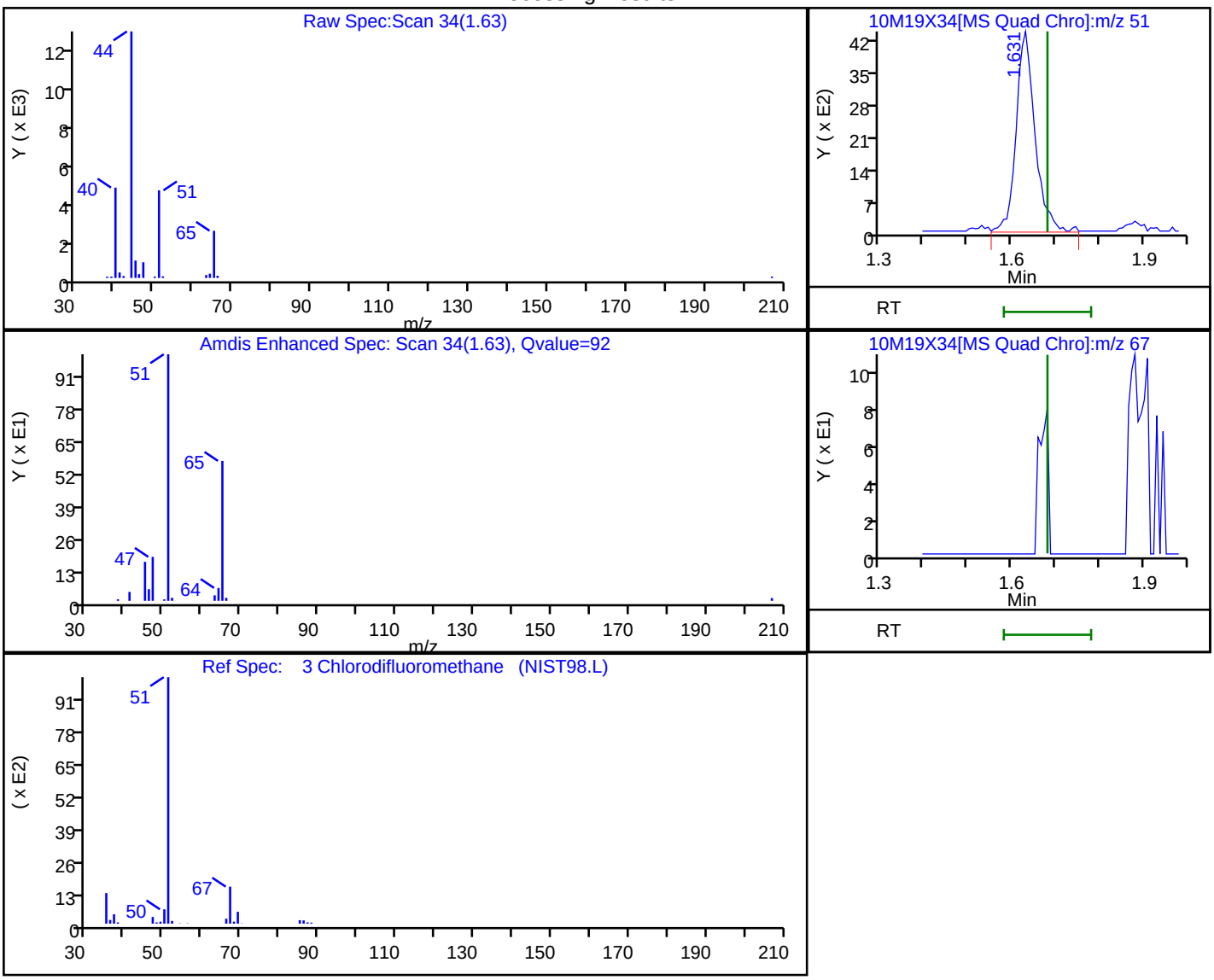
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X34.D				
Injection Date:	20-Mar-2026 03:25:14	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-12	Lab Sample ID:	410-271307-12		
Client ID:	4717				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	33
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.63	51.00	12828	0.845206
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 18:31:59 -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

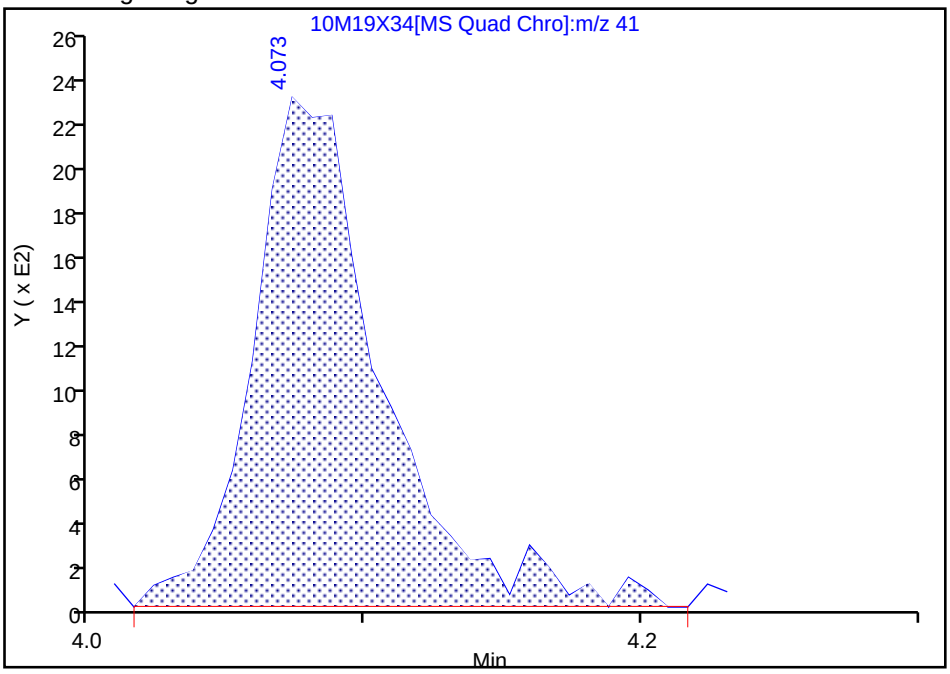
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Injection Date:	20-Mar-2026 03:25:14	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-12	Lab Sample ID:	410-271307-12		
Client ID:	4717				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	33
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

28 Acetonitrile, CAS: 75-05-8

Signal: 1

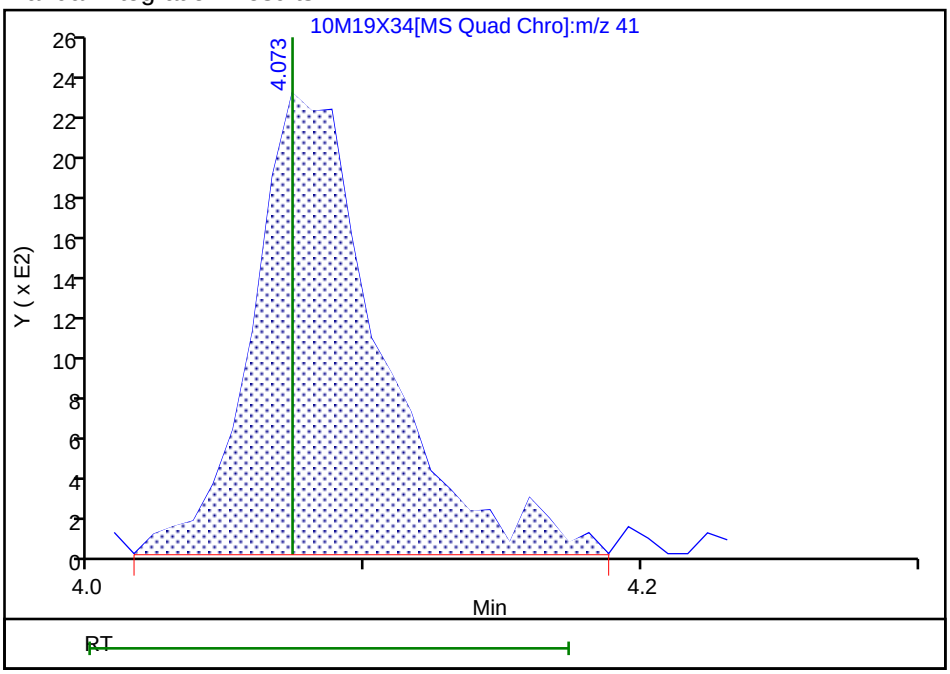
Processing Integration Results

RT: 4.07
Area: 7267
Amount: 0.959939
Amount Units: ppb v/v



Manual Integration Results

RT: 4.07
Area: 7179
Amount: 0.948314
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:32:57 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

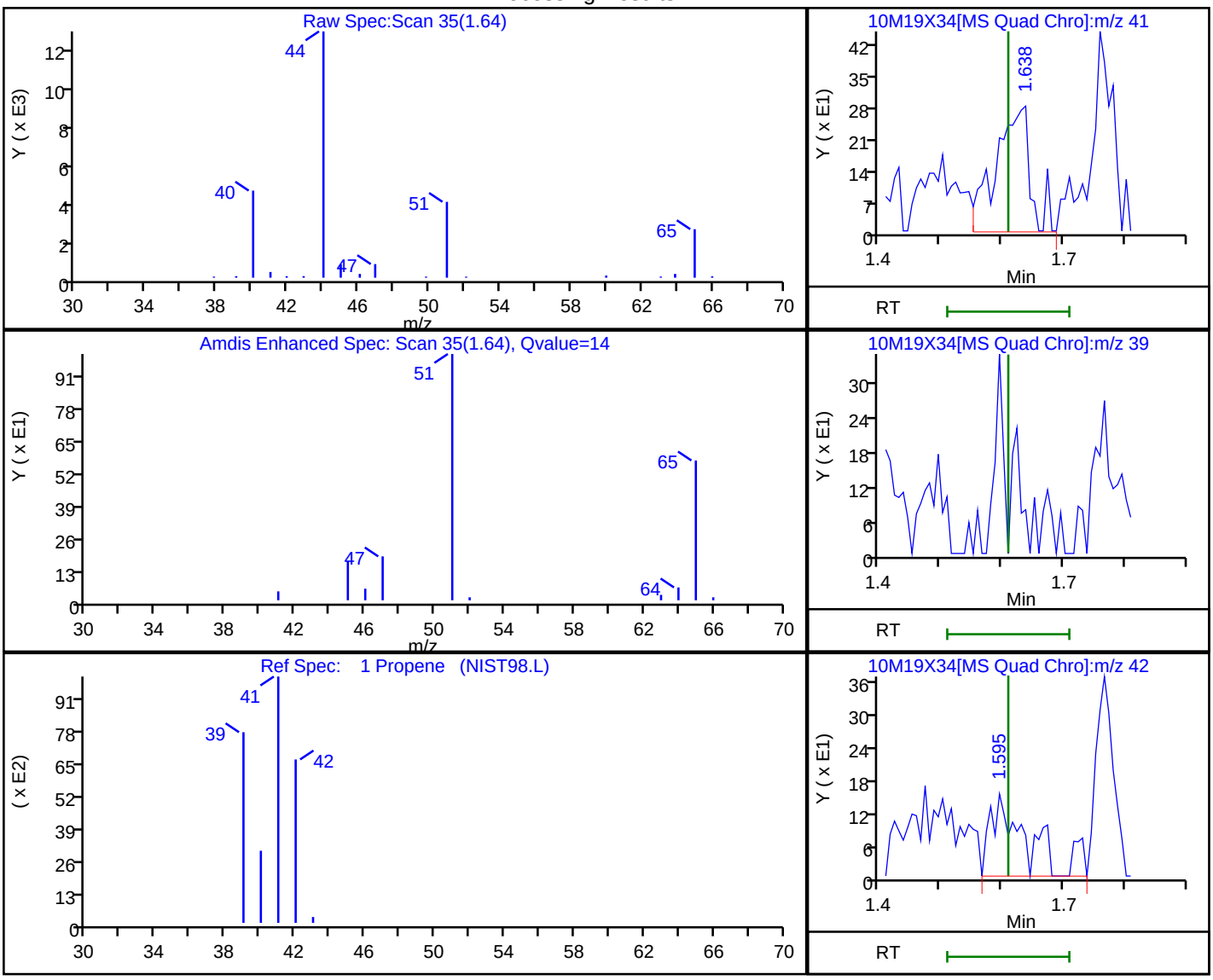
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X34.D				
Injection Date:	20-Mar-2026 03:25:14	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-12	Lab Sample ID:	410-271307-12		
Client ID:	4717				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	33
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
1.64	41.00	1072	0.136247
1.59	42.00	644	
1.61	39.00	0	

Reviewer: XU8K, 20-Mar-2026 18:31:56 -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

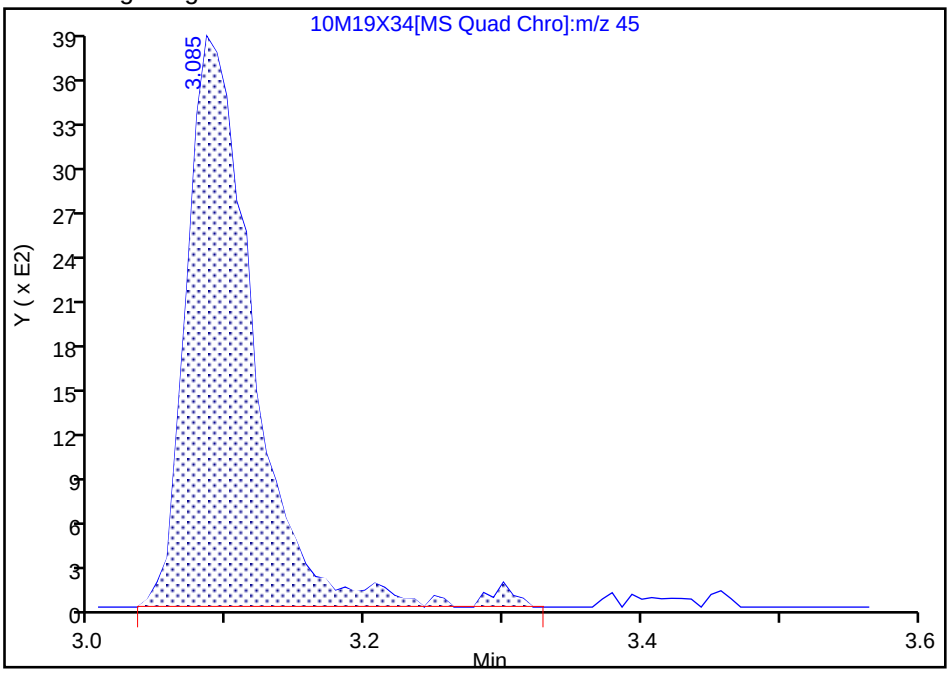
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Injection Date:	20-Mar-2026 03:25:14	Instrument ID:	HP4RA38		
Lims ID:	410-271307-A-12	Lab Sample ID:	410-271307-12		
Client ID:	4717				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	33
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

14 Ethanol, CAS: 64-17-5

Signal: 1

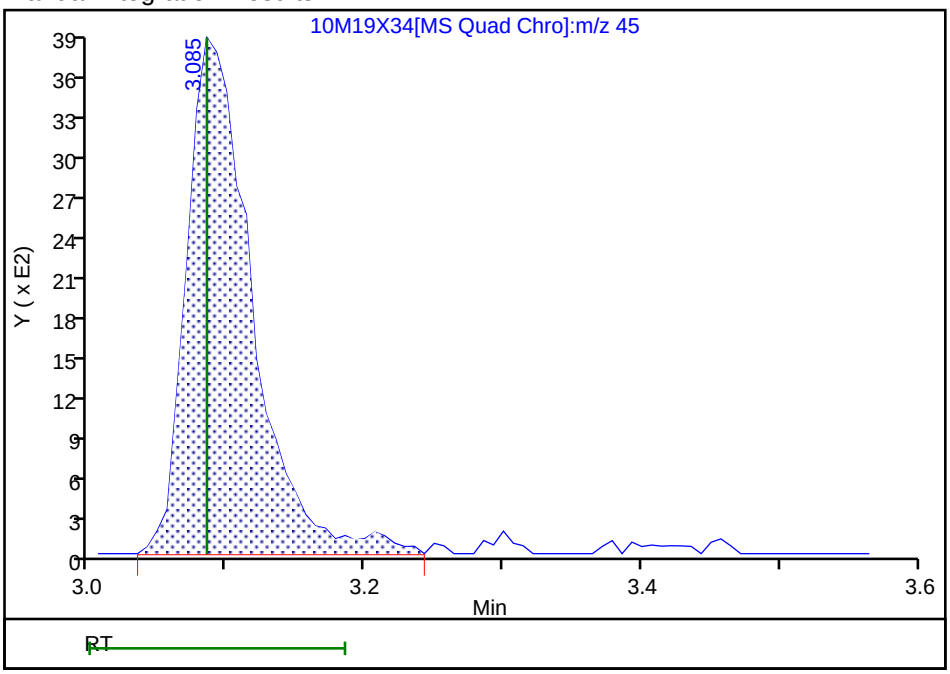
Processing Integration Results

RT: 3.08
Area: 12967
Amount: 4.087075
Amount Units: ppb v/v



Manual Integration Results

RT: 3.08
Area: 12708
Amount: 4.005441
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:32:09 -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.: 410-271309-1

SDG No.:

Client Sample ID: 1782 Lab Sample ID: 410-271309-1

Matrix: Air Lab File ID: 10M19X12.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 18:37

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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	1.5	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
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.: 410-271309-1

SDG No.:

Client Sample ID: 1782 Lab Sample ID: 410-271309-1

Matrix: Air Lab File ID: 10M19X12.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 18:37

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271309-1

SDG No.:

Client Sample ID: 1782 Lab Sample ID: 410-271309-1

Matrix: Air Lab File ID: 10M19X12.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 18:37

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	1.4	cn	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

Report Date: 20-Mar-2026 20:37:59 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X12.D
Lims ID: 410-271309-A-1
Client ID: 1782
Sample Type: Client
Inject. Date: 19-Mar-2026 18:37:07 ALS Bottle#: 6 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1782
Misc. Info.: 410-0179351-011
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 16:31:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	1.609	1.638	0.000	68	1278	0.1645	M
8 Bromomethane	94	2.390	2.412	0.036	16	528	0.0526	7M
23 Acetone	43	3.594	3.608	0.000	100	23796	1.48	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	25107	1.39	M
43 2-Butanone (MEK)	72	5.857	5.850	0.007	97	935	0.1493	
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	139156	10.0	
* 50 1,4-Difluorobenzene	114	7.376	7.383	-0.007	94	572171	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	535110	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

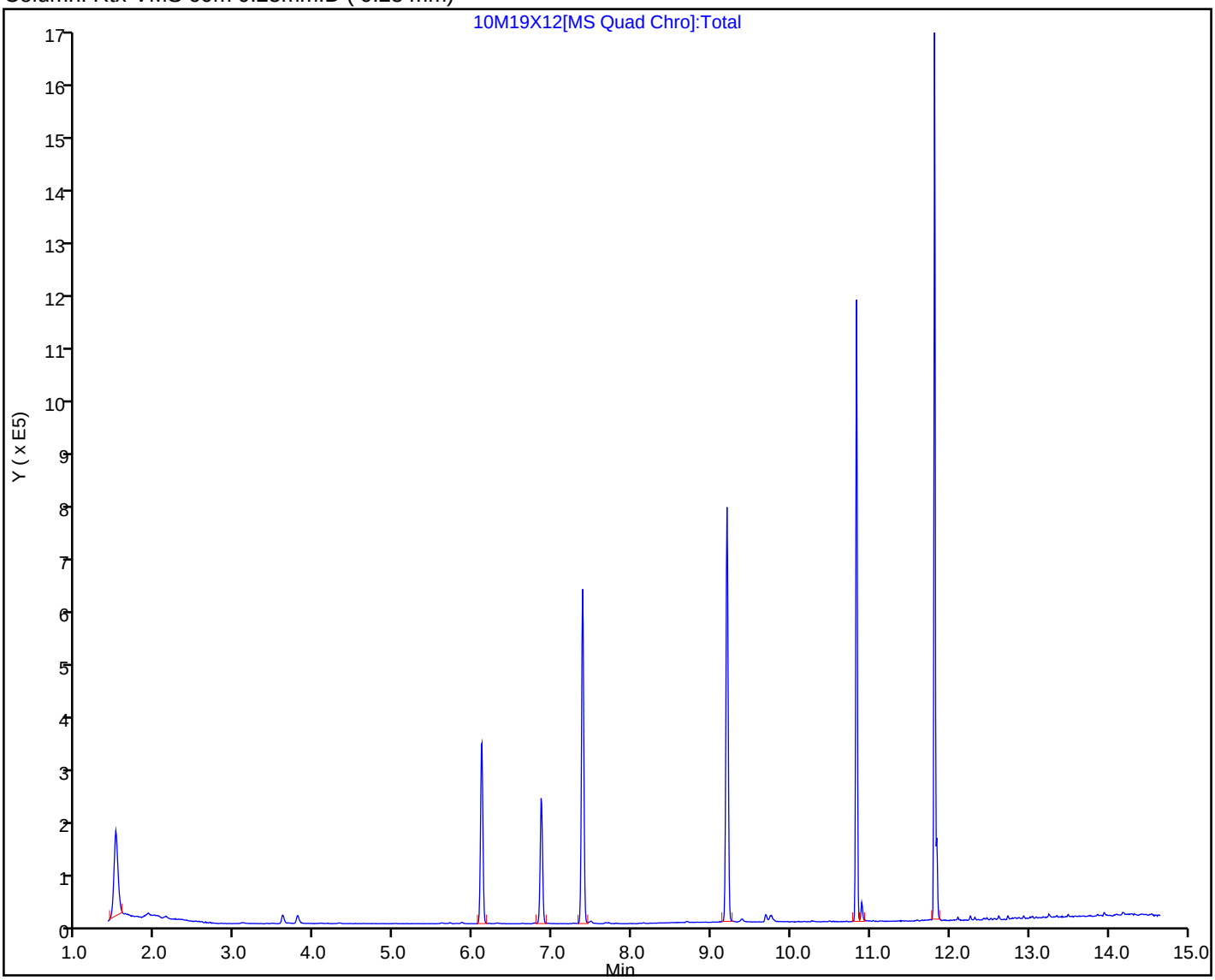
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:37:59 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X12.D				
Injection Date:	19-Mar-2026 18:37:07	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-1	Lab Sample ID:	410-271309-1		
Client ID:	1782				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

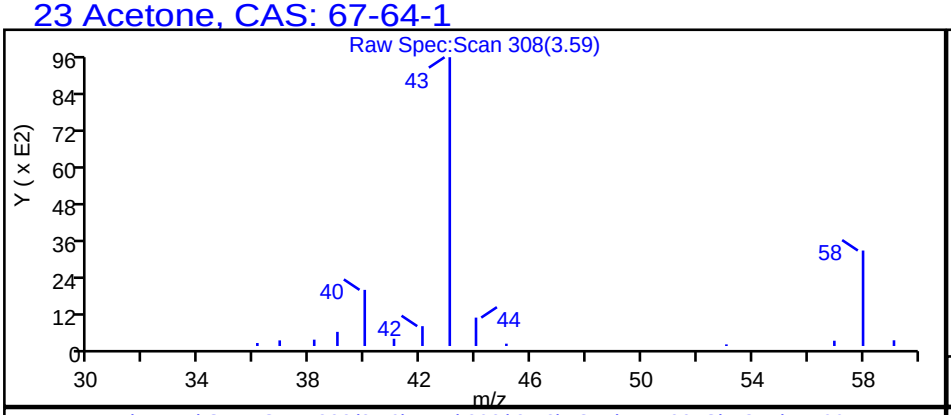


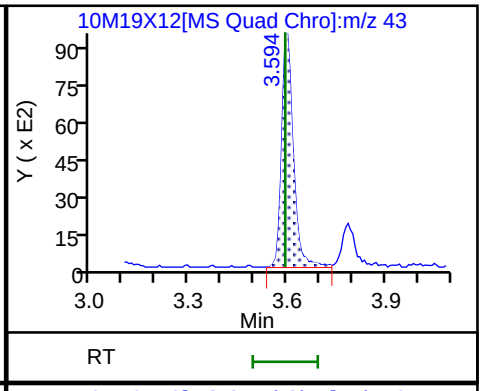
Report Date: 20-Mar-2026 20:37:59 Chrom Revision: 2.3 18-Mar-2026 19:51:28

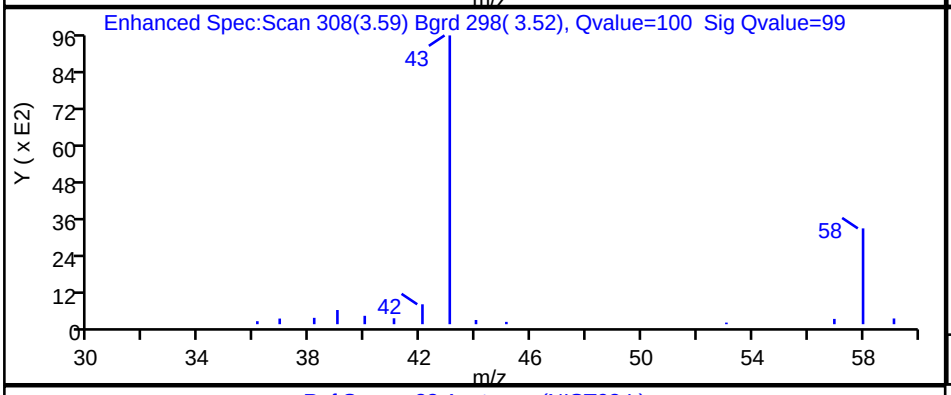
Eurofins Lancaster Laboratories Environment Testing, LLC

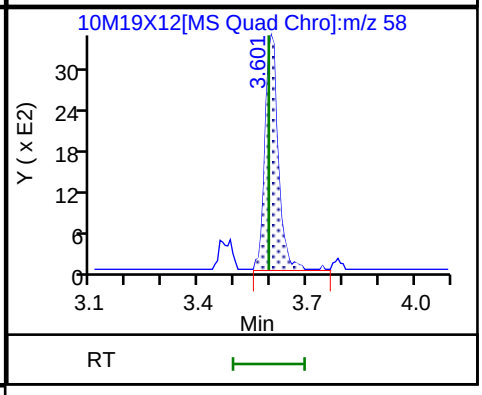
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X12.D				
Injection Date:	19-Mar-2026 18:37:07	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-1	Lab Sample ID:	410-271309-1		
Client ID:	1782				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

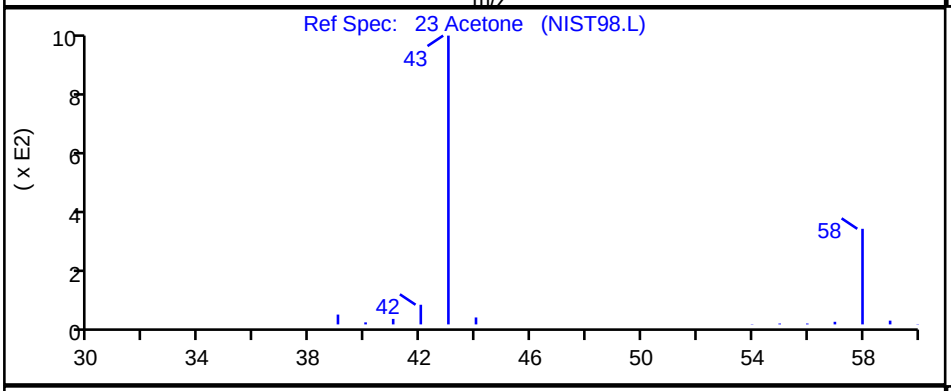
23 Acetone, CAS: 67-64-1

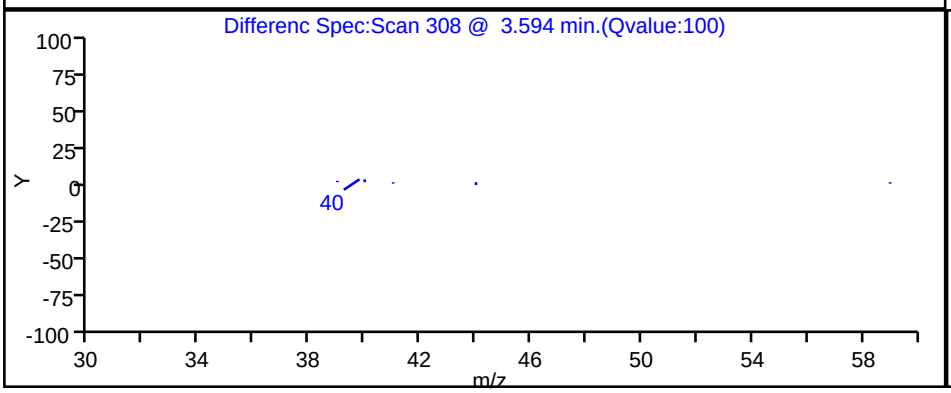


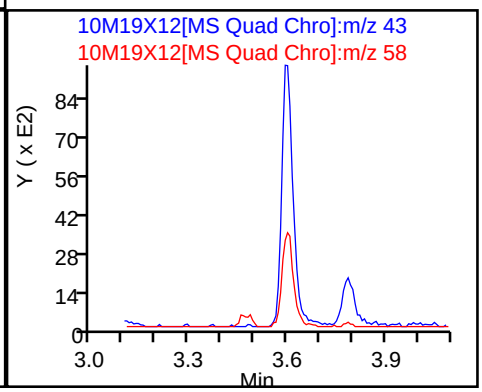










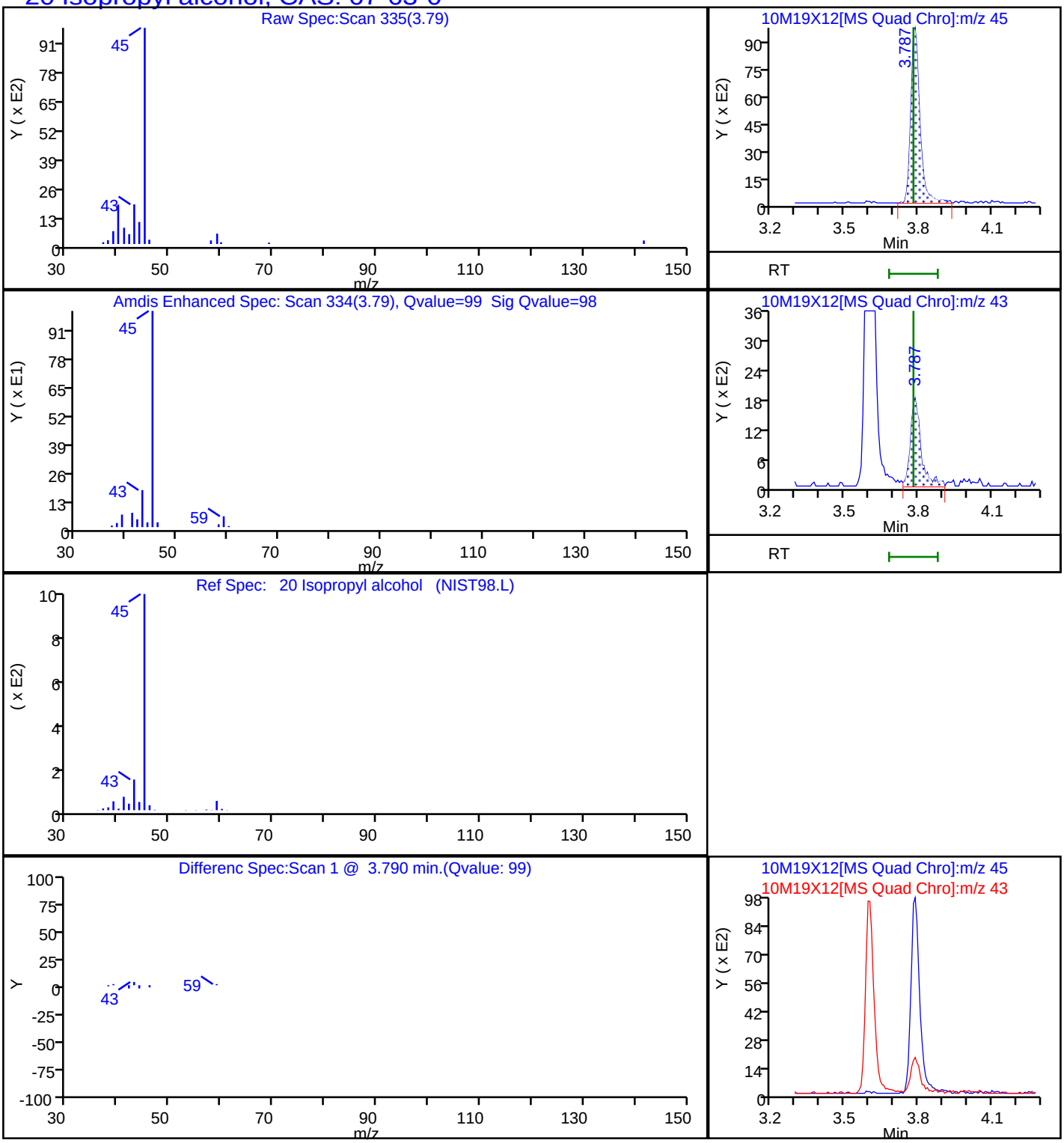


Report Date: 20-Mar-2026 20:37:59 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X12.D				
Injection Date:	19-Mar-2026 18:37:07	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-1	Lab Sample ID:	410-271309-1		
Client ID:	1782				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0



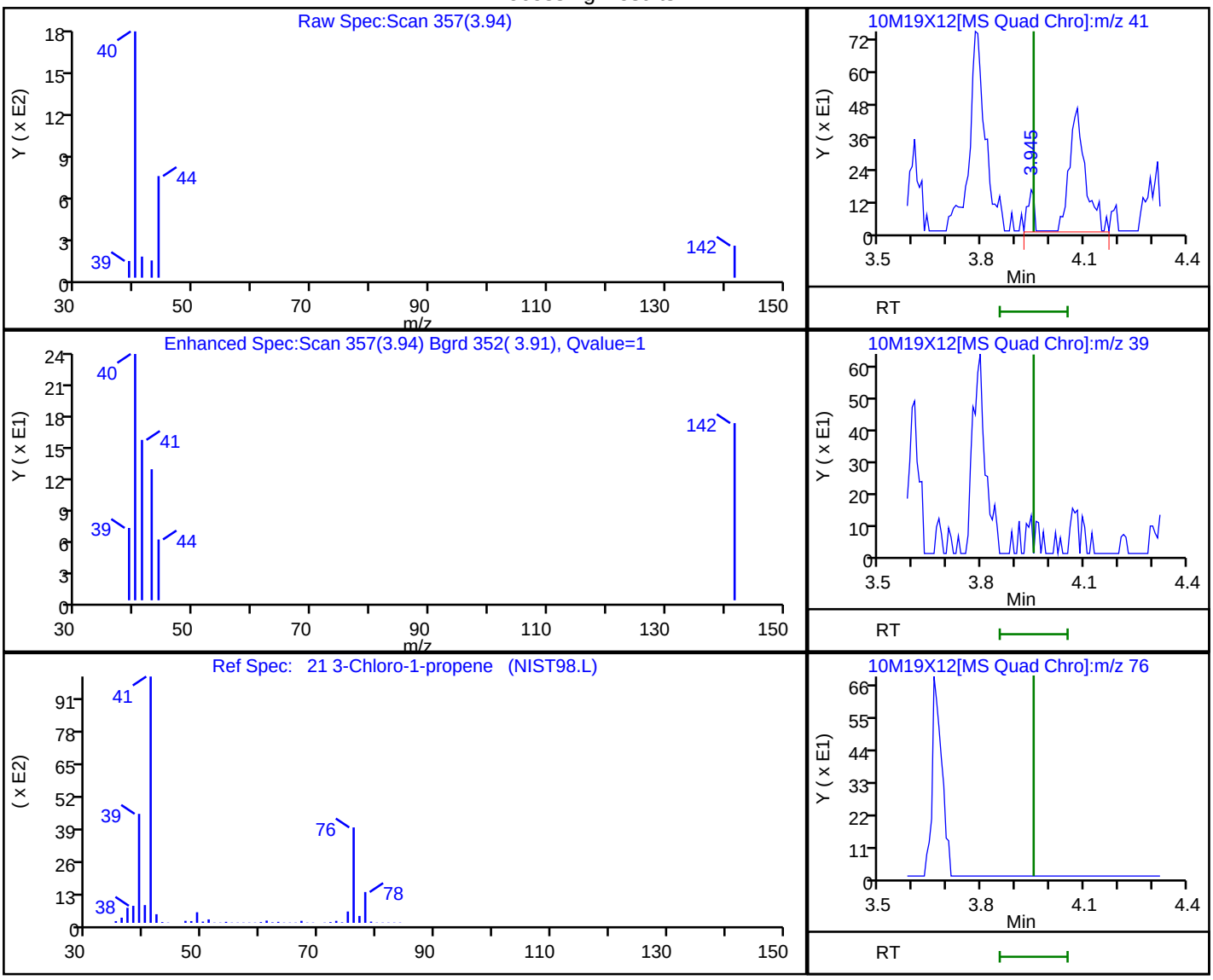
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X12.D				
Injection Date:	19-Mar-2026 18:37:07	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-1	Lab Sample ID:	410-271309-1		
Client ID:	1782				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

21 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.94	41.00	1698	0.137947
3.95	39.00	0	
3.95	76.00	0	

Reviewer: XU8K, 20-Mar-2026 16:04:01 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

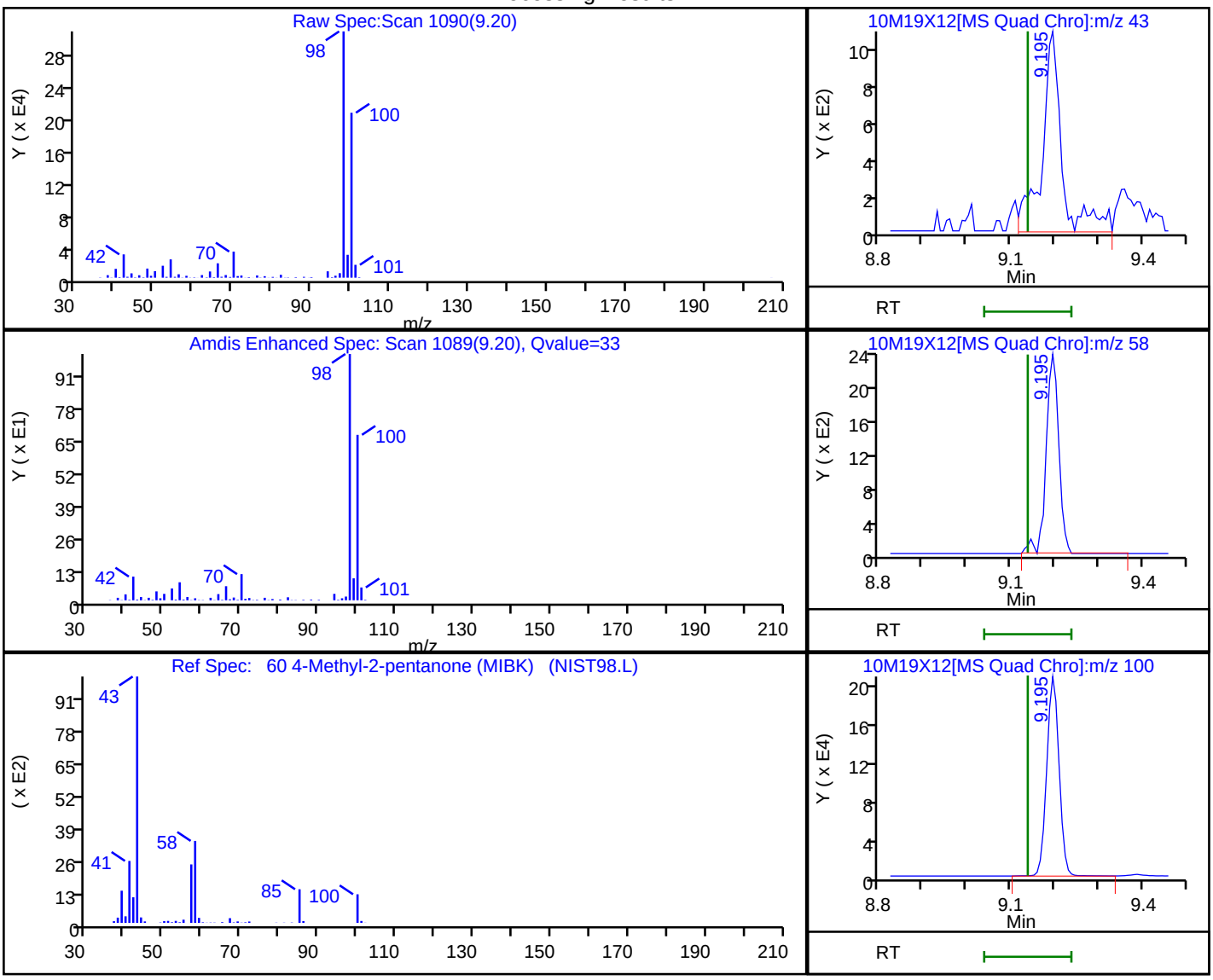
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 18:37:07	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-1	Lab Sample ID:	410-271309-1		
Client ID:	1782				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.20	43.00	3333	0.124251
9.20	58.00	4682	
9.20	100.00	399369	

Reviewer: XU8K, 20-Mar-2026 16:04:15 -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

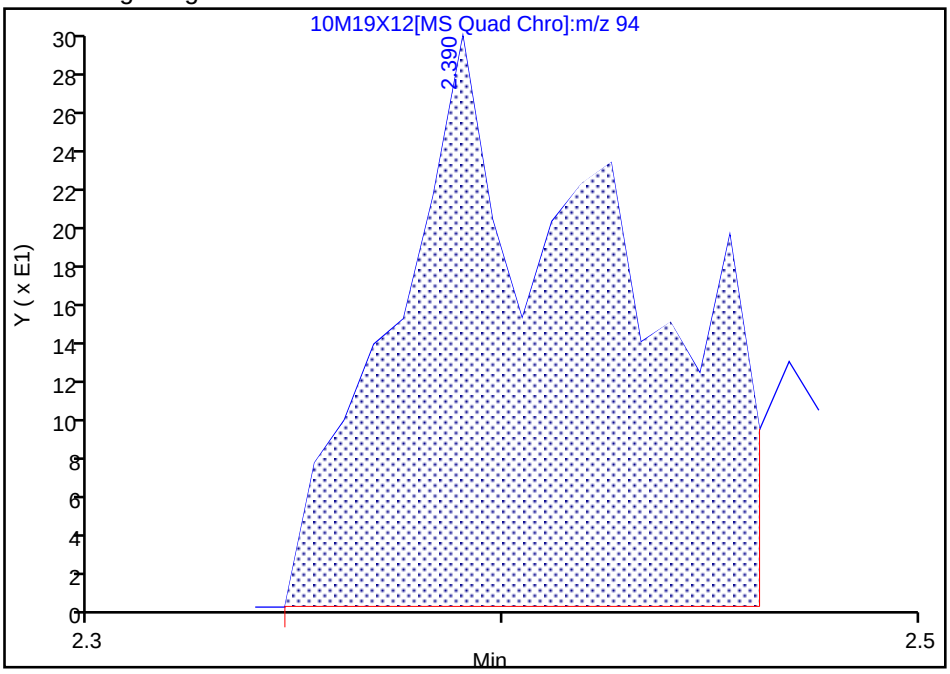
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X12.D				
Injection Date:	19-Mar-2026 18:37:07	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-1	Lab Sample ID:	410-271309-1		
Client ID:	1782				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

8 Bromomethane, CAS: 74-83-9

Signal: 1

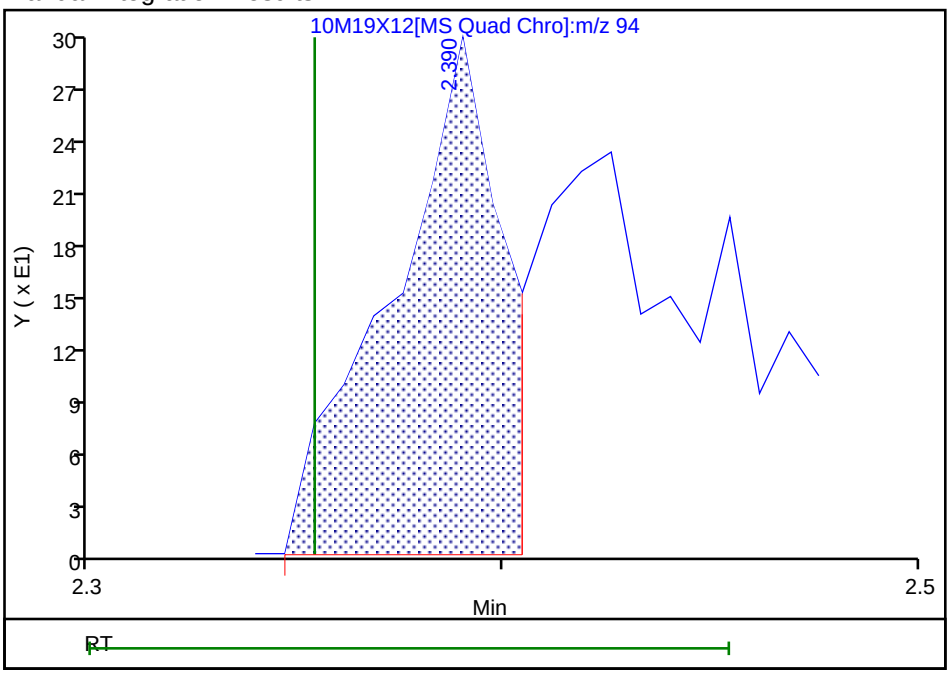
Processing Integration Results

RT: 2.39
Area: 1111
Amount: 0.110704
Amount Units: ppb v/v



Manual Integration Results

RT: 2.39
Area: 528
Amount: 0.052612
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 16:03:31 -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

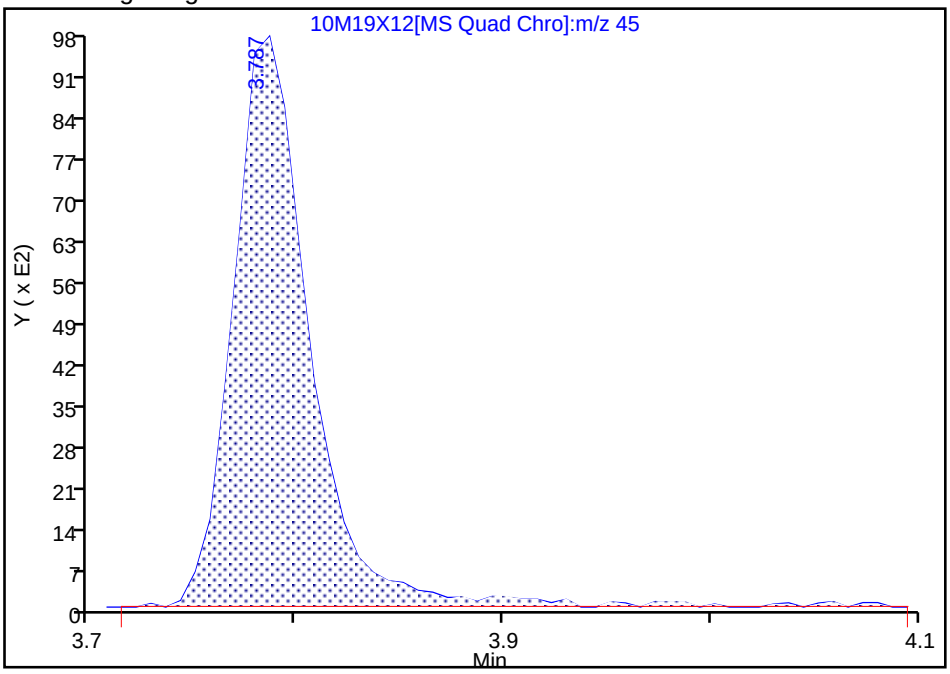
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X12.D				
Injection Date:	19-Mar-2026 18:37:07	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-1	Lab Sample ID:	410-271309-1		
Client ID:	1782				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

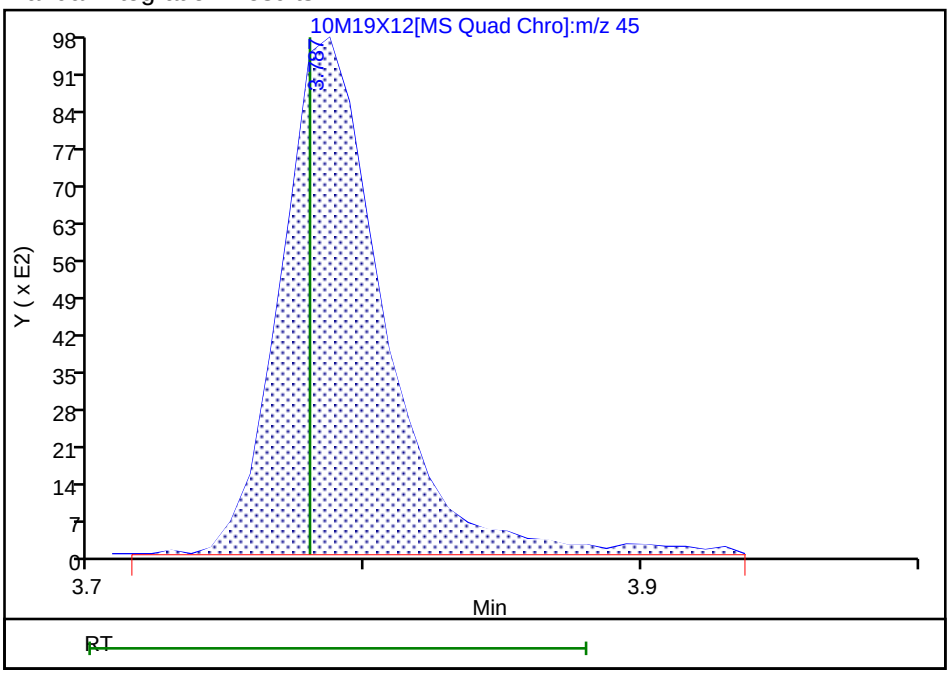
Processing Integration Results

RT: 3.79
Area: 25498
Amount: 1.408348
Amount Units: ppb v/v



Manual Integration Results

RT: 3.79
Area: 25107
Amount: 1.386751
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 16:03:55 -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

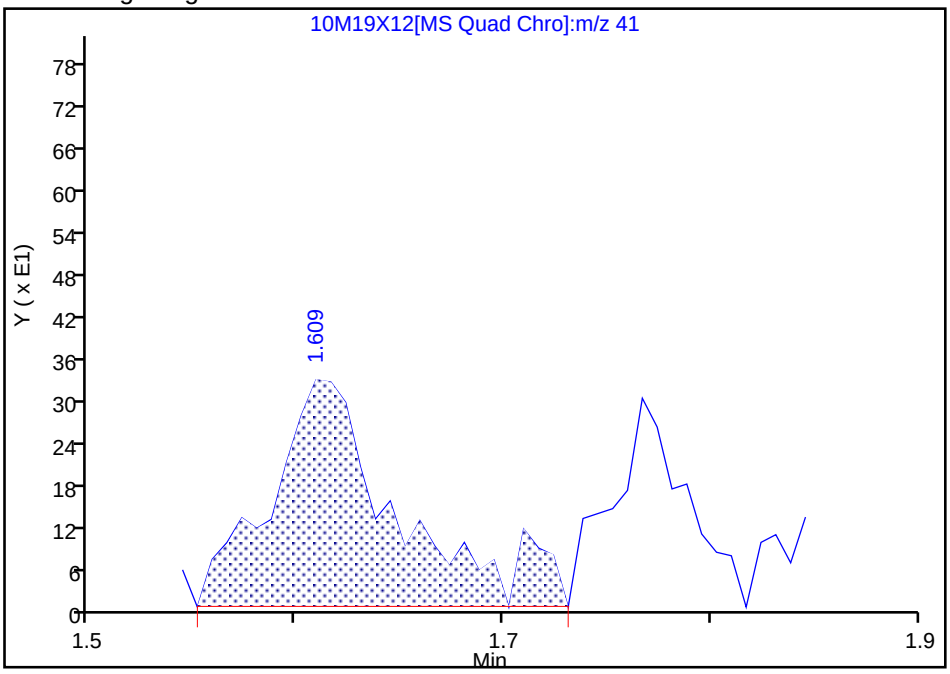
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X12.D				
Injection Date:	19-Mar-2026 18:37:07	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-1	Lab Sample ID:	410-271309-1		
Client ID:	1782				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

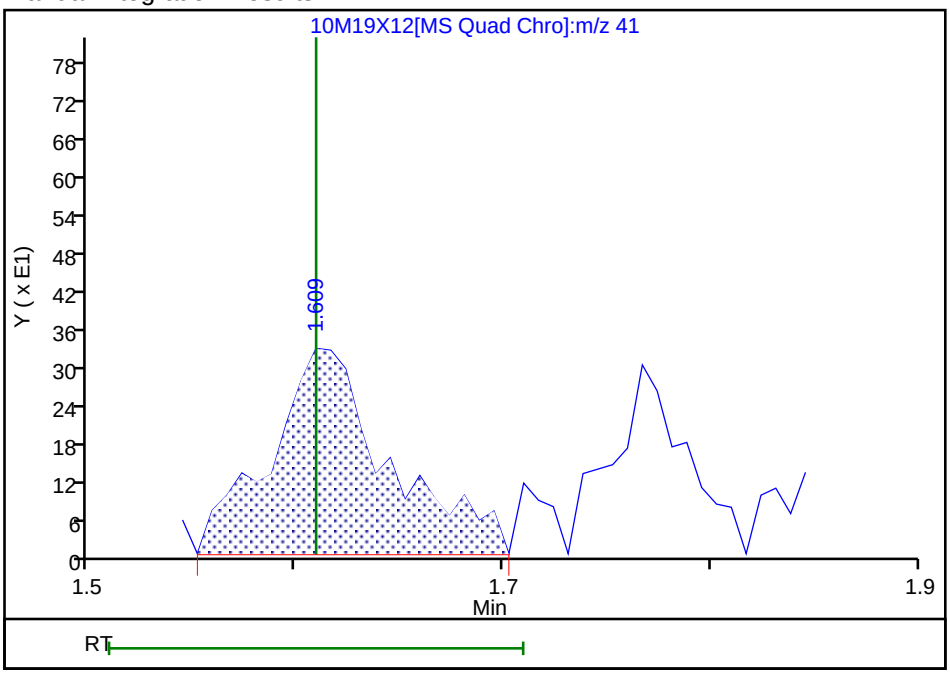
Processing Integration Results

RT: 1.61
Area: 1394
Amount: 0.179485
Amount Units: ppb v/v



Manual Integration Results

RT: 1.61
Area: 1278
Amount: 0.164549
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 16:02:51 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

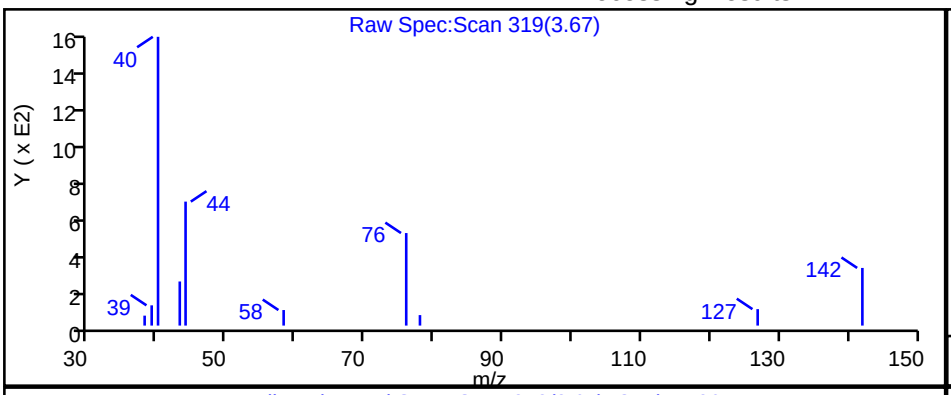
User Disabled Compound Report

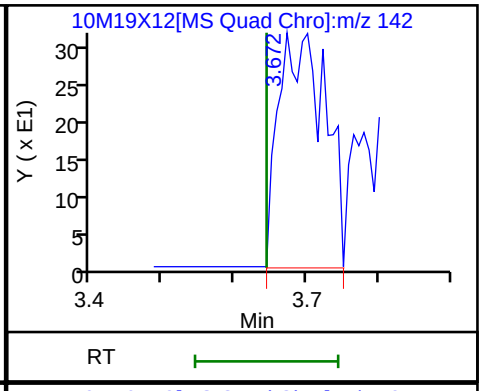
Eurofins Lancaster Laboratories Environment Testing, LLC

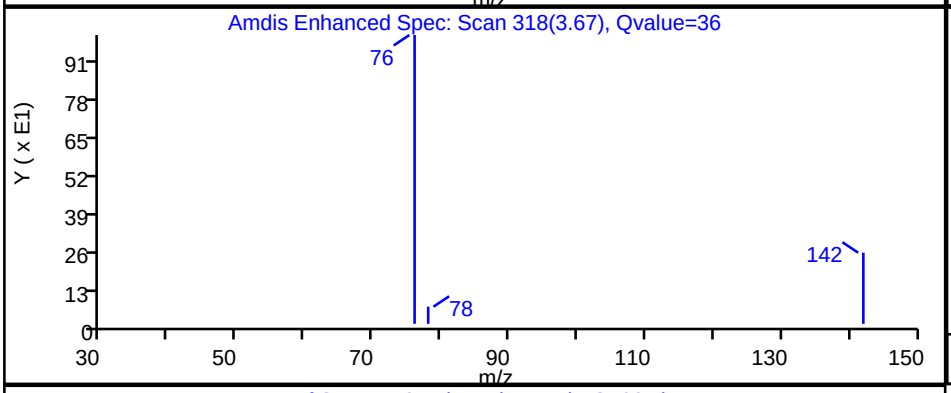
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X12.D				
Injection Date:	19-Mar-2026 18:37:07	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-1	Lab Sample ID:	410-271309-1		
Client ID:	1782				
Operator ID:	cv118168	ALS Bottle#:	6	Worklist Smp#:	11
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

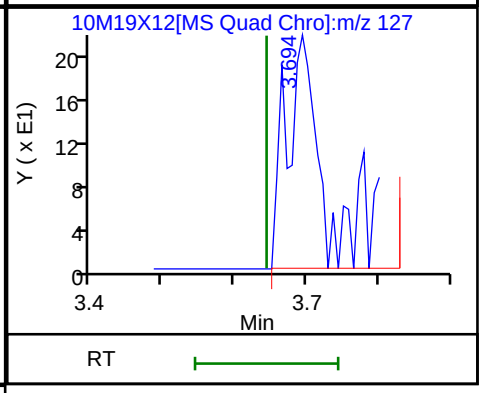
18 Iodomethane, CAS: 74-88-4

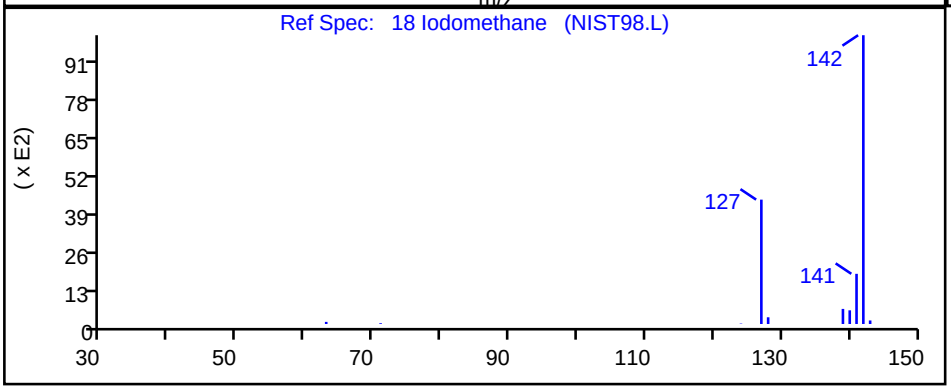
Processing Results











RT	Mass	Response	Amount
3.67	142.00	1441	0.044858
3.69	127.00	799	

Reviewer: XU8K, 20-Mar-2026 16:03:47 -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.: 410-271309-1

SDG No.:

Client Sample ID: 1788 Lab Sample ID: 410-271309-2

Matrix: Air Lab File ID: 10M19X13.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 19:01

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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	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
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.: 410-271309-1

SDG No.:

Client Sample ID: 1788 Lab Sample ID: 410-271309-2

Matrix: Air Lab File ID: 10M19X13.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 19:01

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271309-1

SDG No.:

Client Sample ID: 1788 Lab Sample ID: 410-271309-2

Matrix: Air Lab File ID: 10M19X13.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 19:01

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	1.2	cn	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\HP4RA38\20260318-179351.b\10M19X13.D
Lims ID: 410-271309-A-2
Client ID: 1788
Sample Type: Client
Inject. Date: 19-Mar-2026 19:01:04 ALS Bottle#: 7 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1788
Misc. Info.: 410-0179351-012
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 17:32:17

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	1.602	1.638	-0.007	54	1140	0.1508	M
	8 Bromomethane	94	2.419	2.412	0.065	1	869	0.0890	7M
	23 Acetone	43	3.601	3.608	0.007	98	23627	1.51	
	20 Isopropyl alcohol	45	3.787	3.787	0.007	98	20943	1.19	M
	43 2-Butanone (MEK)	72	5.857	5.850	0.007	97	1251	0.2052	
*	35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	135429	10.0	
*	50 1,4-Difluorobenzene	114	7.376	7.383	-0.007	94	556230	10.0	
*	68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	523074	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

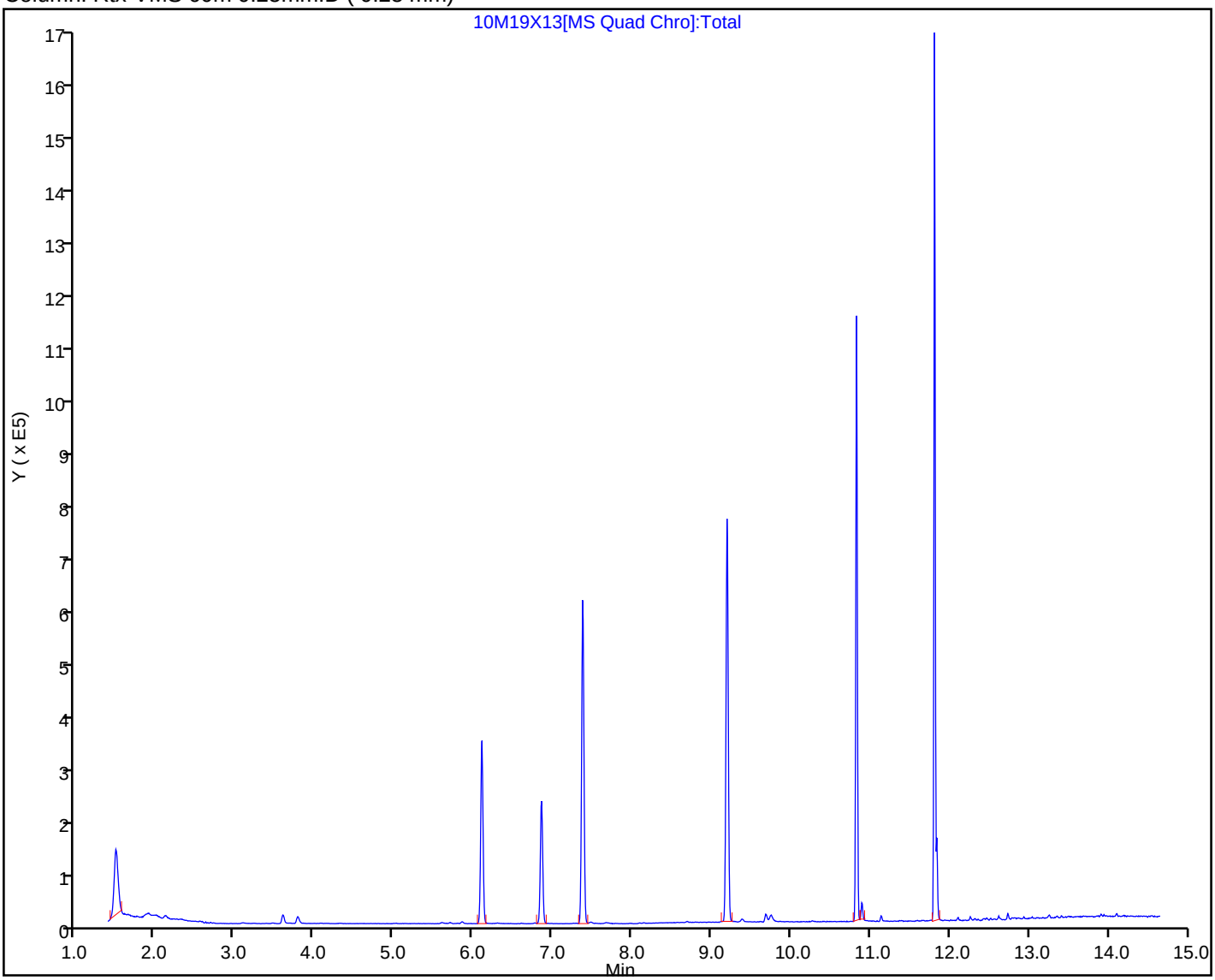
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:02 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X13.D				
Injection Date:	19-Mar-2026 19:01:04	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-2	Lab Sample ID:	410-271309-2		
Client ID:	1788				
Operator ID:	cv118168	ALS Bottle#:	7	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

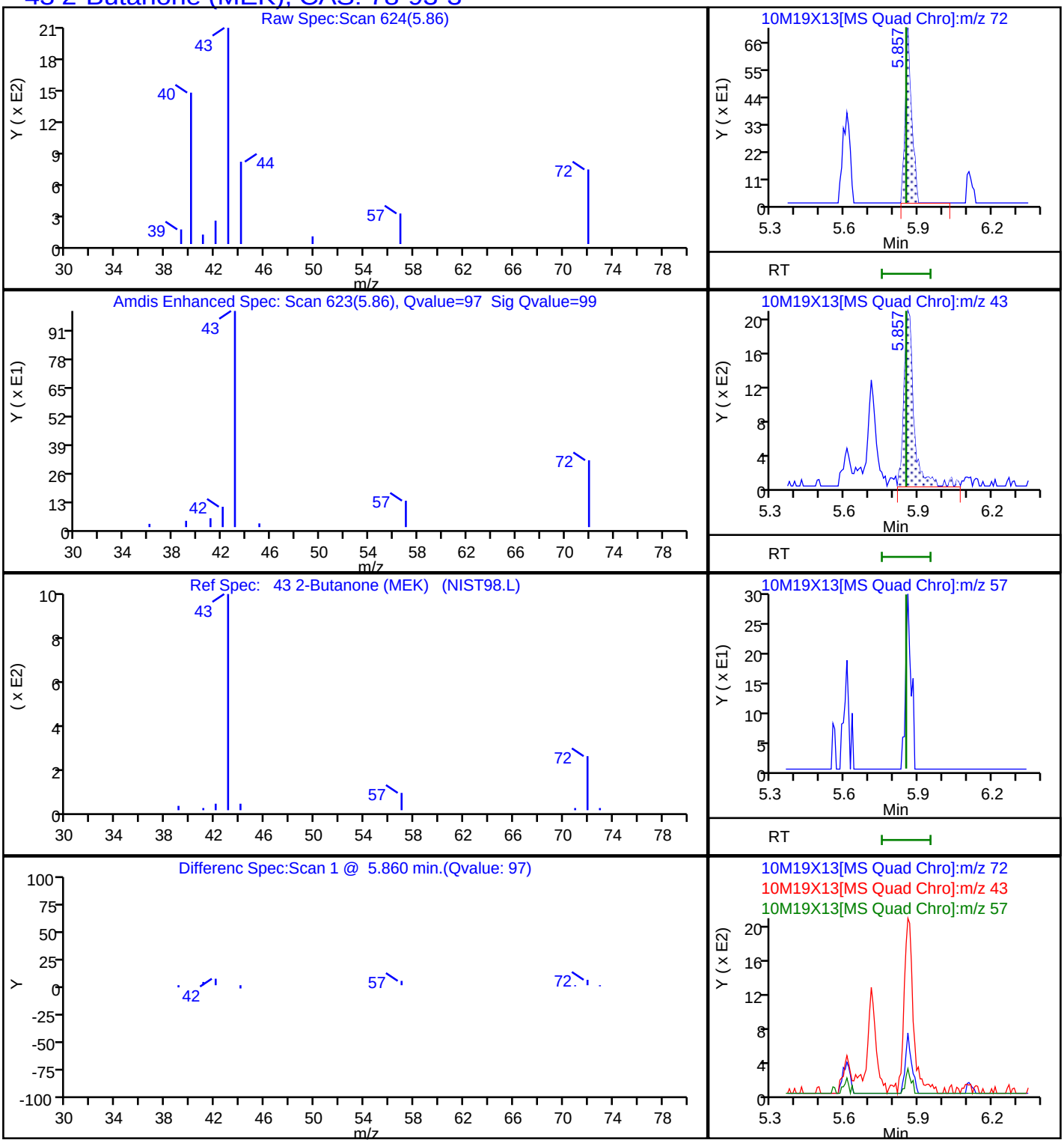


Report Date: 20-Mar-2026 20:38:02 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X13.D				
Injection Date:	19-Mar-2026 19:01:04	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-2	Lab Sample ID:	410-271309-2		
Client ID:	1788				
Operator ID:	cv118168	ALS Bottle#:	7	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

43 2-Butanone (MEK), CAS: 78-93-3

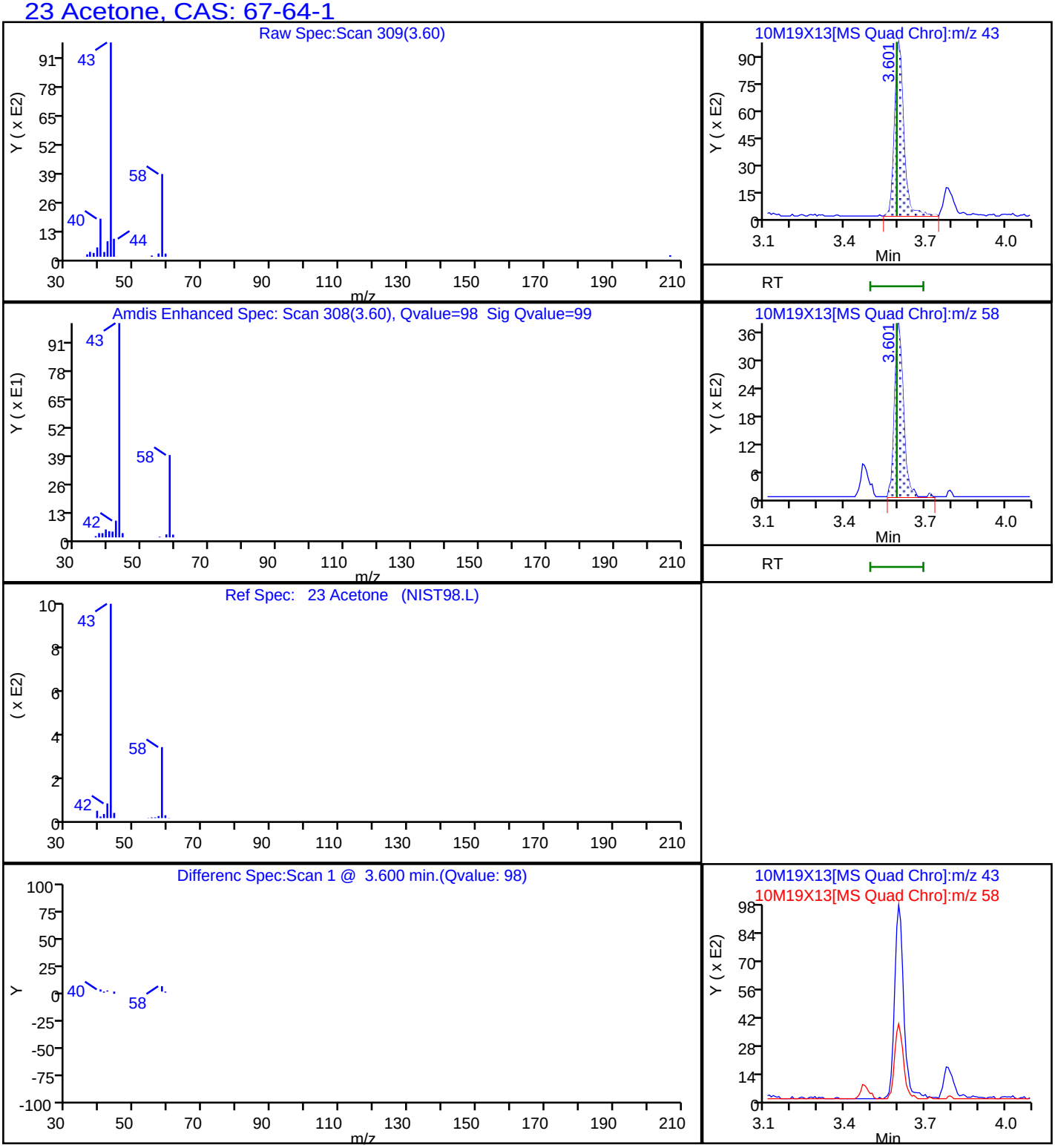


Report Date: 20-Mar-2026 20:38:02 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X13.D				
Injection Date:	19-Mar-2026 19:01:04	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-2	Lab Sample ID:	410-271309-2		
Client ID:	1788				
Operator ID:	cv118168	ALS Bottle#:	7	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetone, CAS: 67-64-1

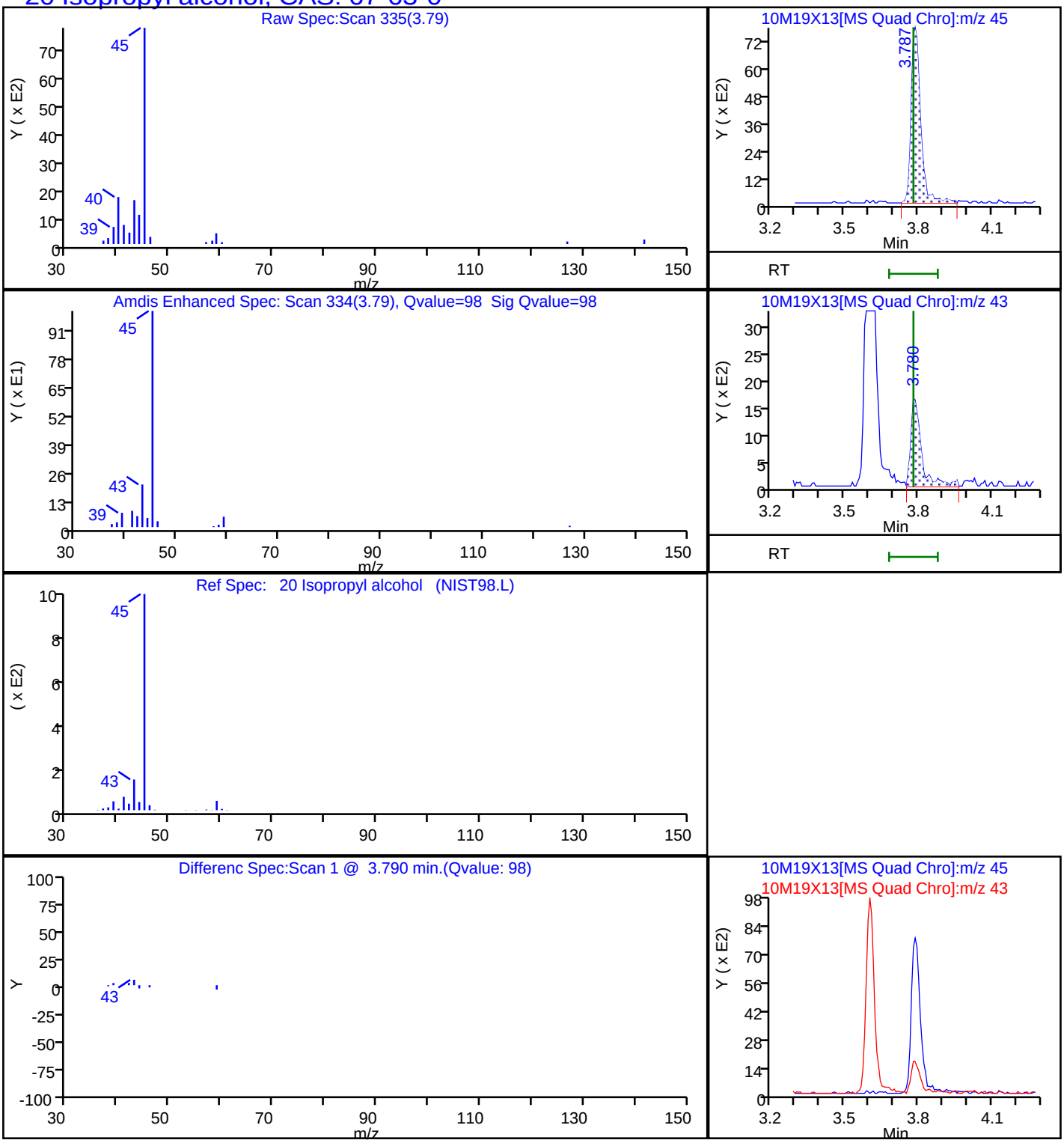


Report Date: 20-Mar-2026 20:38:02 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X13.D				
Injection Date:	19-Mar-2026 19:01:04	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-2	Lab Sample ID:	410-271309-2		
Client ID:	1788				
Operator ID:	cv118168	ALS Bottle#:	7	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

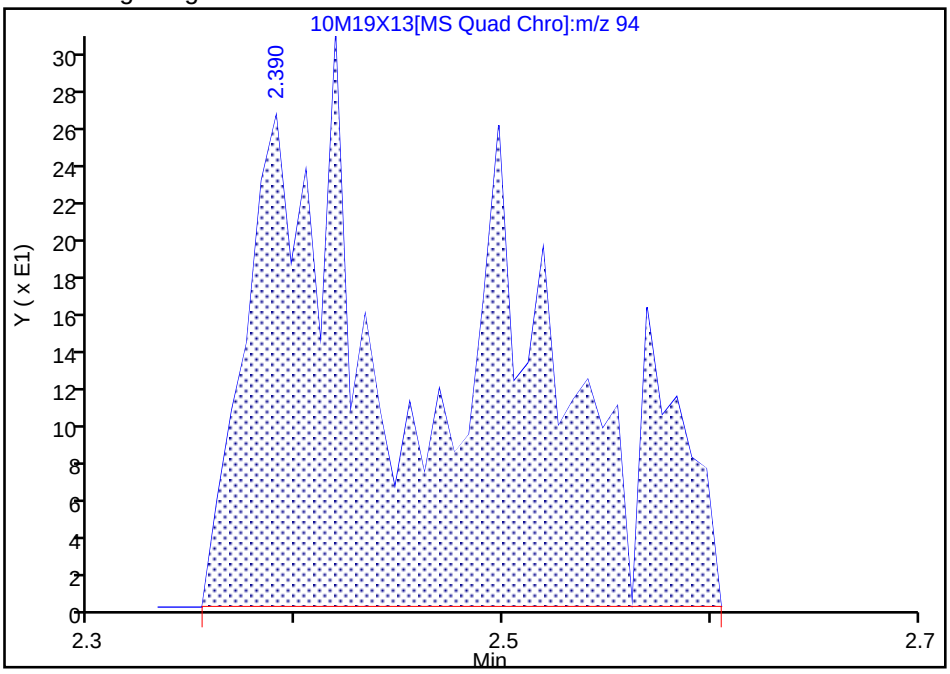
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X13.D				
Injection Date:	19-Mar-2026 19:01:04	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-2	Lab Sample ID:	410-271309-2		
Client ID:	1788				
Operator ID:	cv118168	ALS Bottle#:	7	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

8 Bromomethane, CAS: 74-83-9

Signal: 1

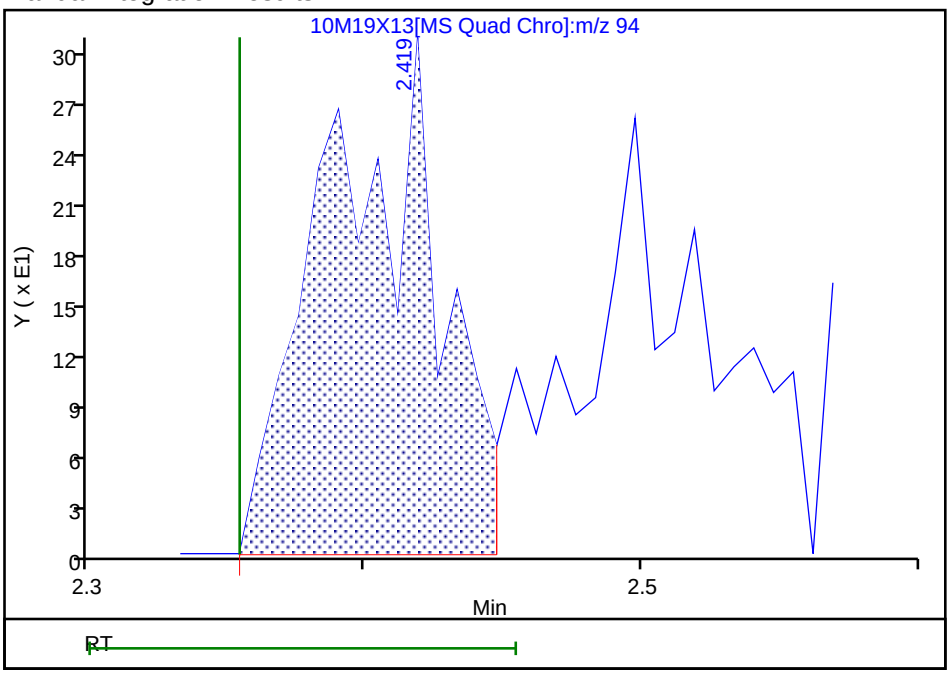
Processing Integration Results

RT: 2.39
Area: 1899
Amount: 0.194430
Amount Units: ppb v/v



Manual Integration Results

RT: 2.42
Area: 869
Amount: 0.088973
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:31:23 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

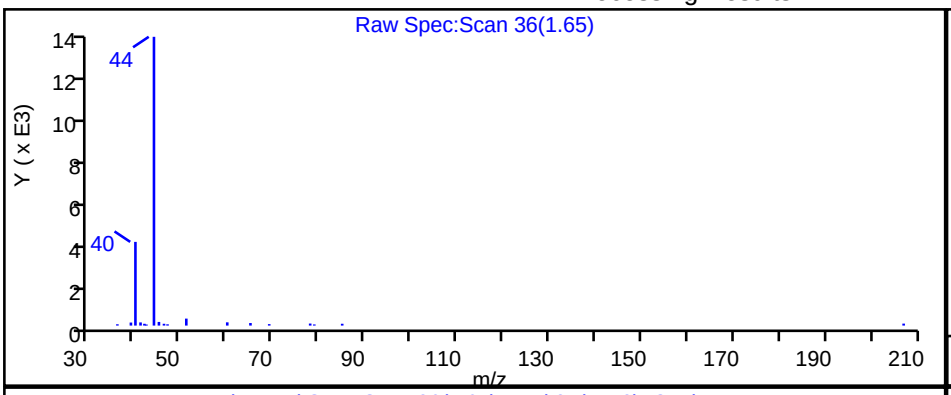
User Disabled Compound Report

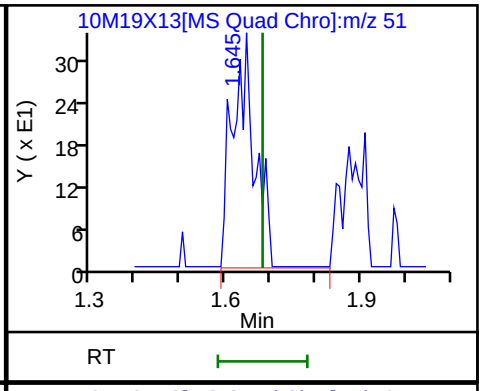
Eurofins Lancaster Laboratories Environment Testing, LLC

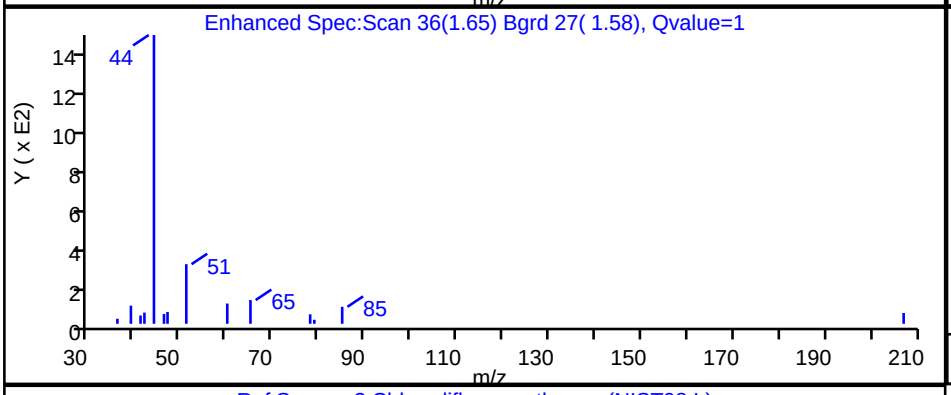
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X13.D				
Injection Date:	19-Mar-2026 19:01:04	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-2	Lab Sample ID:	410-271309-2		
Client ID:	1788				
Operator ID:	cv118168	ALS Bottle#:	7	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

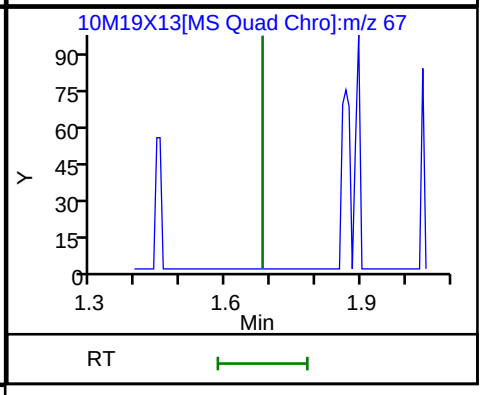
3 Chlorodifluoromethane, CAS: 75-45-6

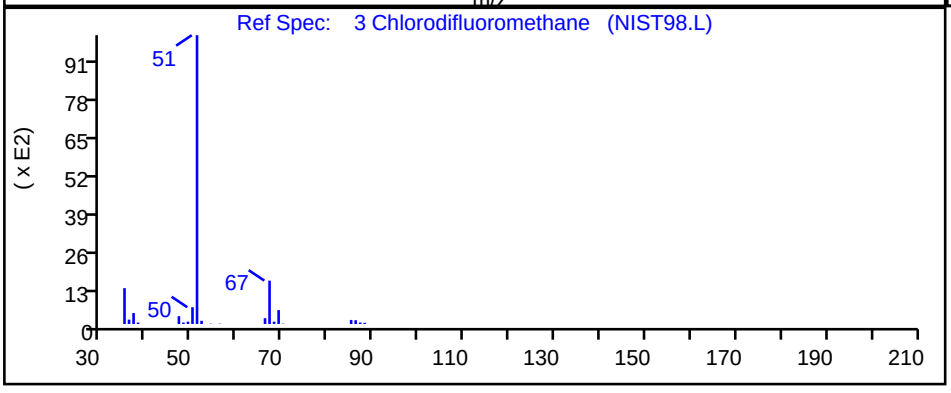
Processing Results











RT	Mass	Response	Amount
1.65	51.00	1145	0.078530
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 17:31:07 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

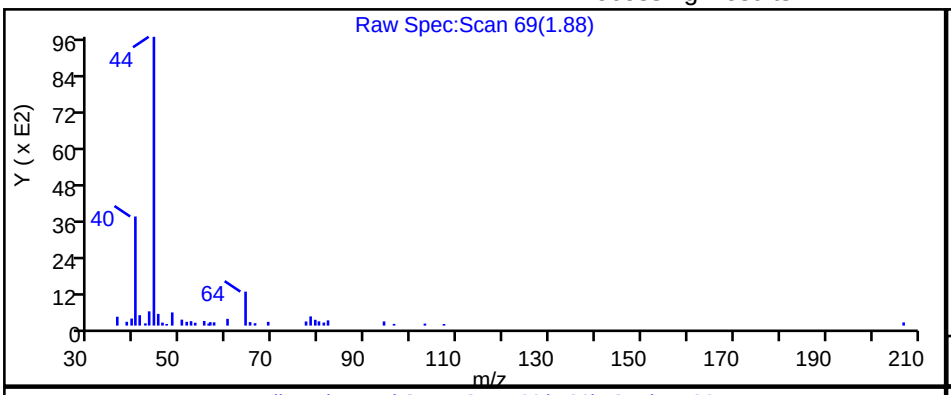
User Disabled Compound Report

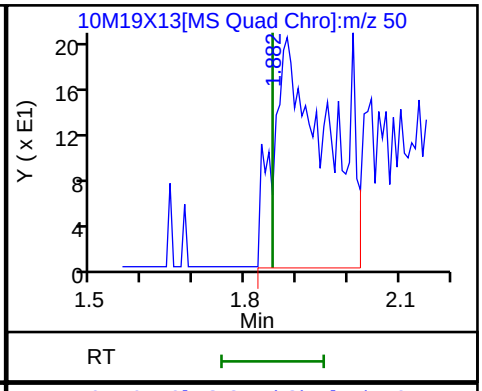
Eurofins Lancaster Laboratories Environment Testing, LLC

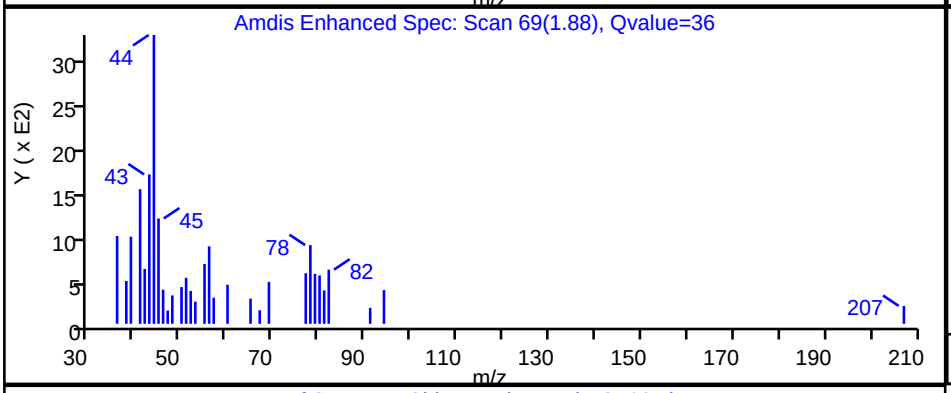
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X13.D				
Injection Date:	19-Mar-2026 19:01:04	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-2	Lab Sample ID:	410-271309-2		
Client ID:	1788				
Operator ID:	cv118168	ALS Bottle#:	7	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

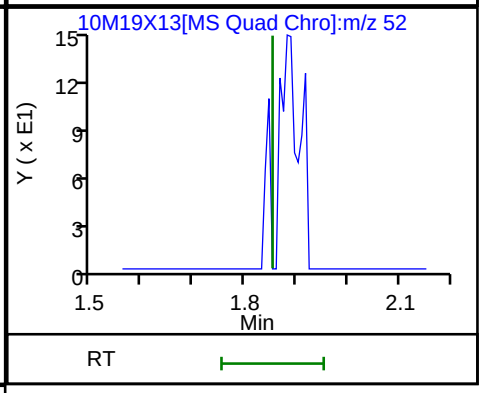
5 Chloromethane, CAS: 74-87-3

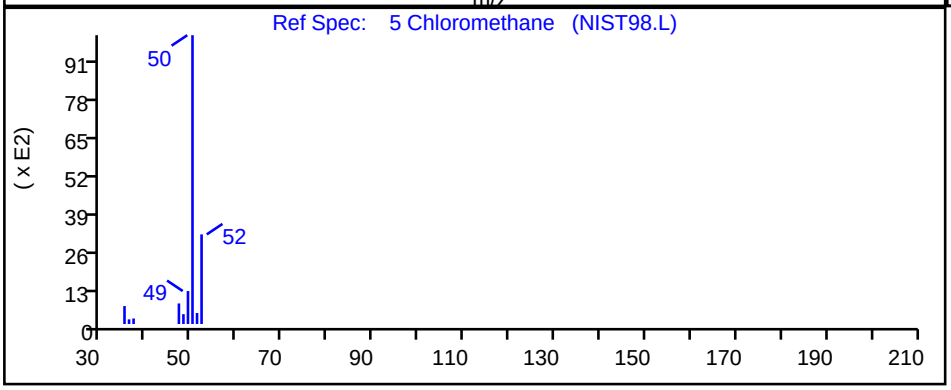
Processing Results











RT	Mass	Response	Amount
1.88	50.00	1442	0.158028
1.85	52.00	0	

Reviewer: XU8K, 20-Mar-2026 17:31:18 -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

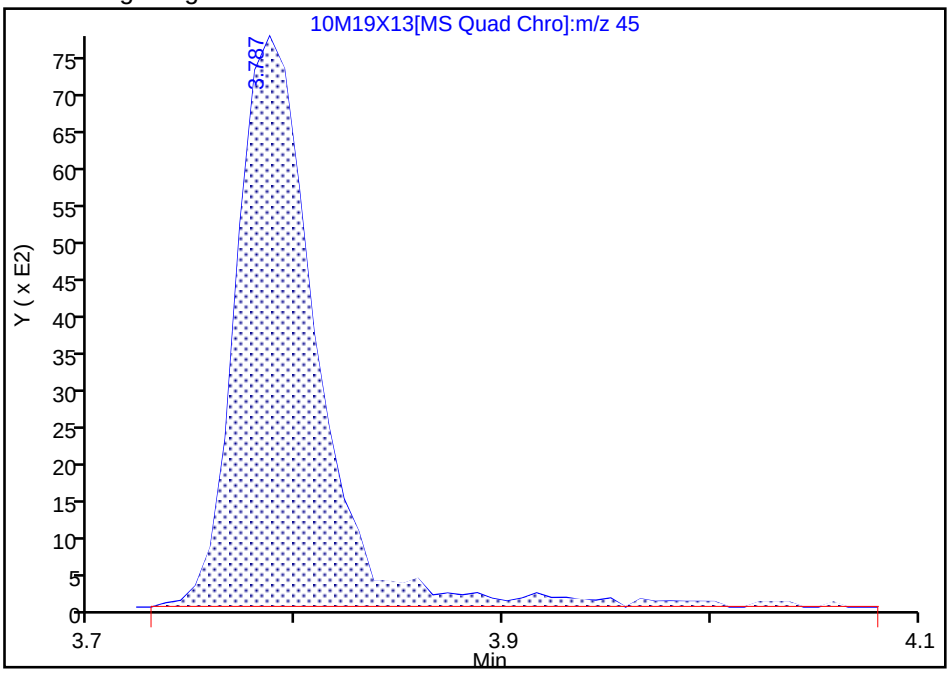
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X13.D				
Injection Date:	19-Mar-2026 19:01:04	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-2	Lab Sample ID:	410-271309-2		
Client ID:	1788				
Operator ID:	cv118168	ALS Bottle#:	7	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

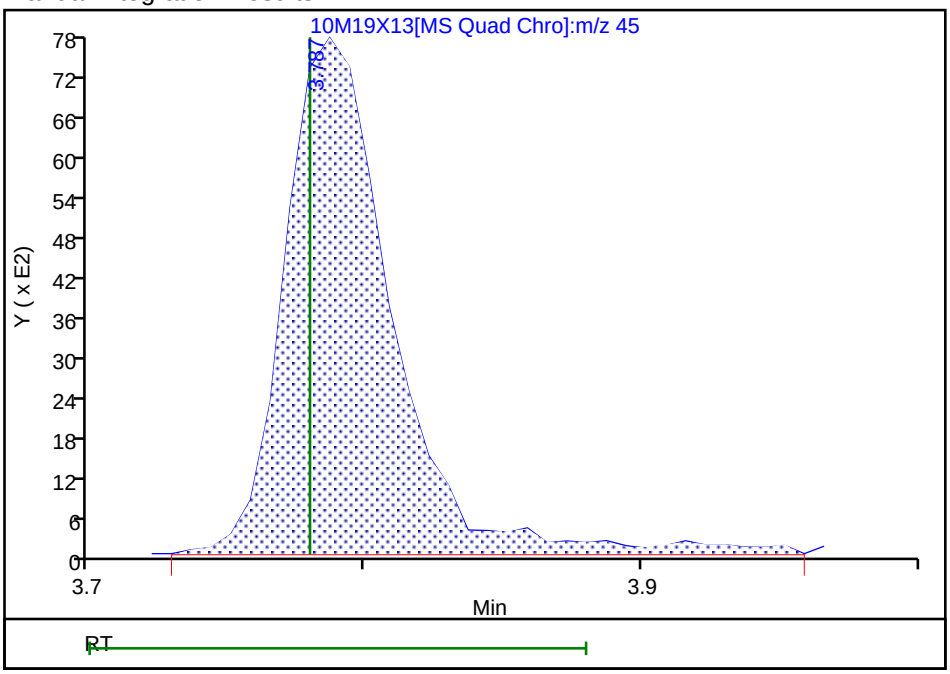
Processing Integration Results

RT: 3.79
Area: 21276
Amount: 1.207491
Amount Units: ppb v/v



Manual Integration Results

RT: 3.79
Area: 20943
Amount: 1.188592
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:31:45 -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

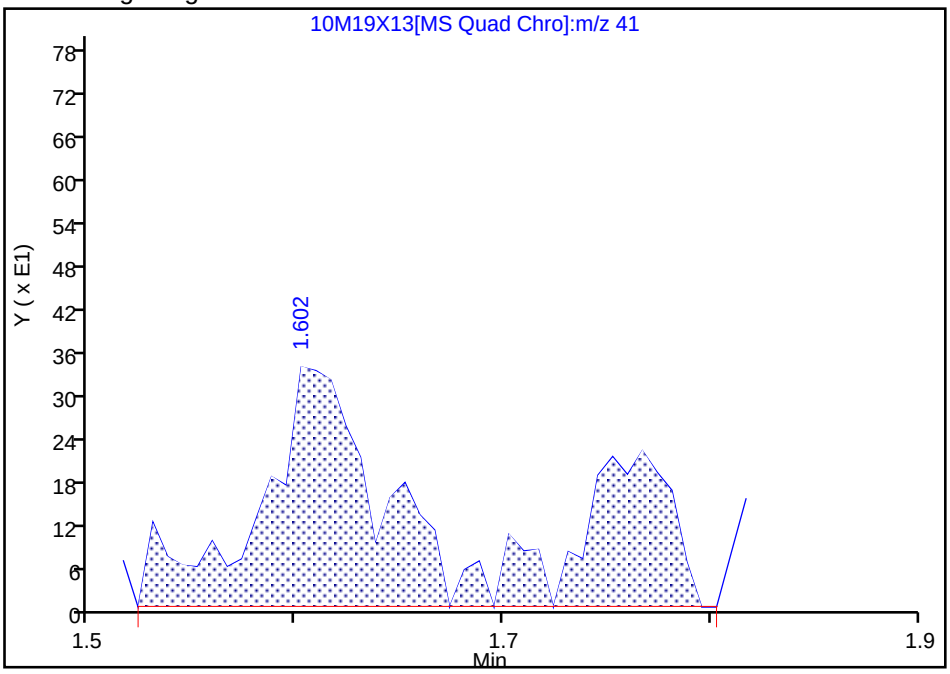
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X13.D				
Injection Date:	19-Mar-2026 19:01:04	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-2	Lab Sample ID:	410-271309-2		
Client ID:	1788				
Operator ID:	cv118168	ALS Bottle#:	7	Worklist Smp#:	12
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

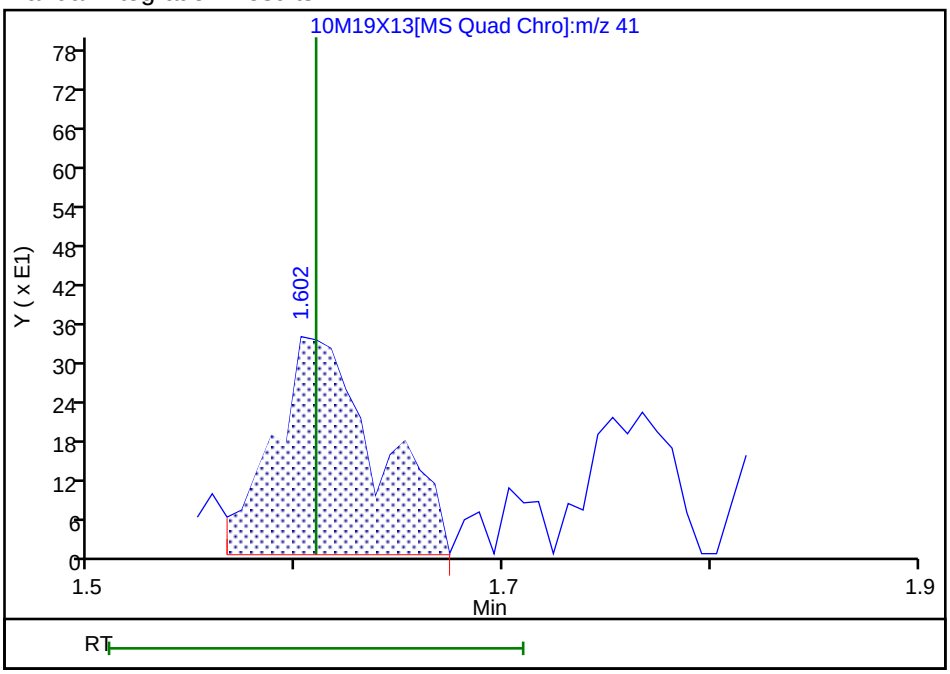
Processing Integration Results

RT: 1.60
Area: 2062
Amount: 0.272800
Amount Units: ppb v/v



Manual Integration Results

RT: 1.60
Area: 1140
Amount: 0.150821
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:30:57 -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.: 410-271309-1

SDG No.:

Client Sample ID: 1823 Lab Sample ID: 410-271309-3

Matrix: Air Lab File ID: 10M19X14.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 19:25

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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	0.38	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	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
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.: 410-271309-1

SDG No.:

Client Sample ID: 1823 Lab Sample ID: 410-271309-3

Matrix: Air Lab File ID: 10M19X14.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 19:25

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271309-1

SDG No.:

Client Sample ID: 1823 Lab Sample ID: 410-271309-3

Matrix: Air Lab File ID: 10M19X14.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 19:25

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	1.3	cn	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

Report Date: 20-Mar-2026 20:38:04 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X14.D
Lims ID: 410-271309-A-3
Client ID: 1823
Sample Type: Client
Inject. Date: 19-Mar-2026 19:25:01 ALS Bottle#: 8 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1823
Misc. Info.: 410-0179351-013
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 17:33:21

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	1.616	1.638	0.007	66	1491	0.1916	M
	8 Bromomethane	94	2.397	2.412	0.043	1	981	0.0975	M
	19 Acrolein	56	3.400	3.400	0.007	97	1257	0.3179	M
	23 Acetone	43	3.600	3.608	0.006	99	30452	1.89	
	20 Isopropyl alcohol	45	3.787	3.787	0.007	99	24092	1.33	M
	43 2-Butanone (MEK)	72	5.857	5.850	0.007	98	2360	0.3760	
*	35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	139444	10.0	
*	50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	565774	10.0	
*	68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	527501	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

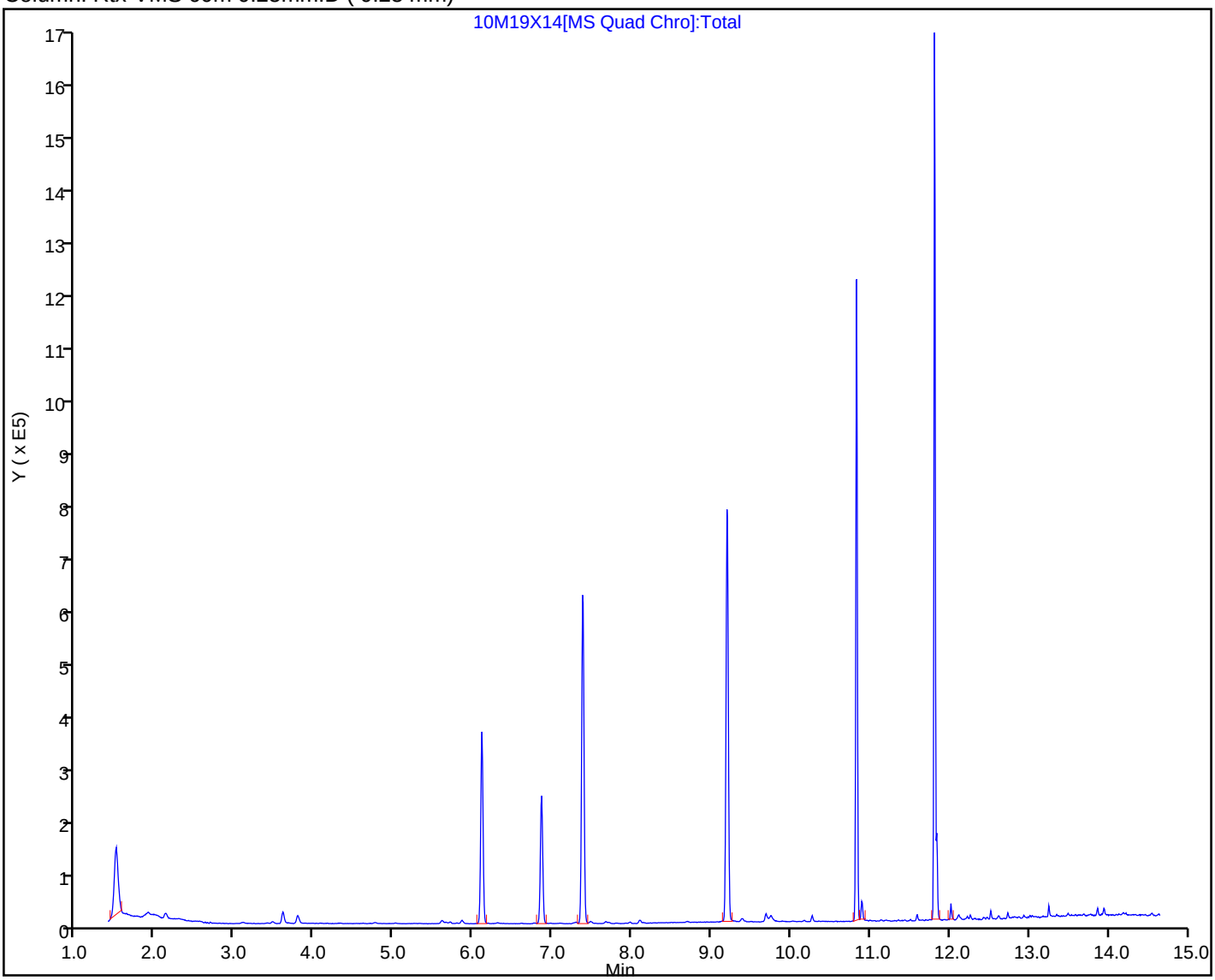
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:04 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X14.D				
Injection Date:	19-Mar-2026 19:25:01	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-3	Lab Sample ID:	410-271309-3		
Client ID:	1823				
Operator ID:	cv118168	ALS Bottle#:	8	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

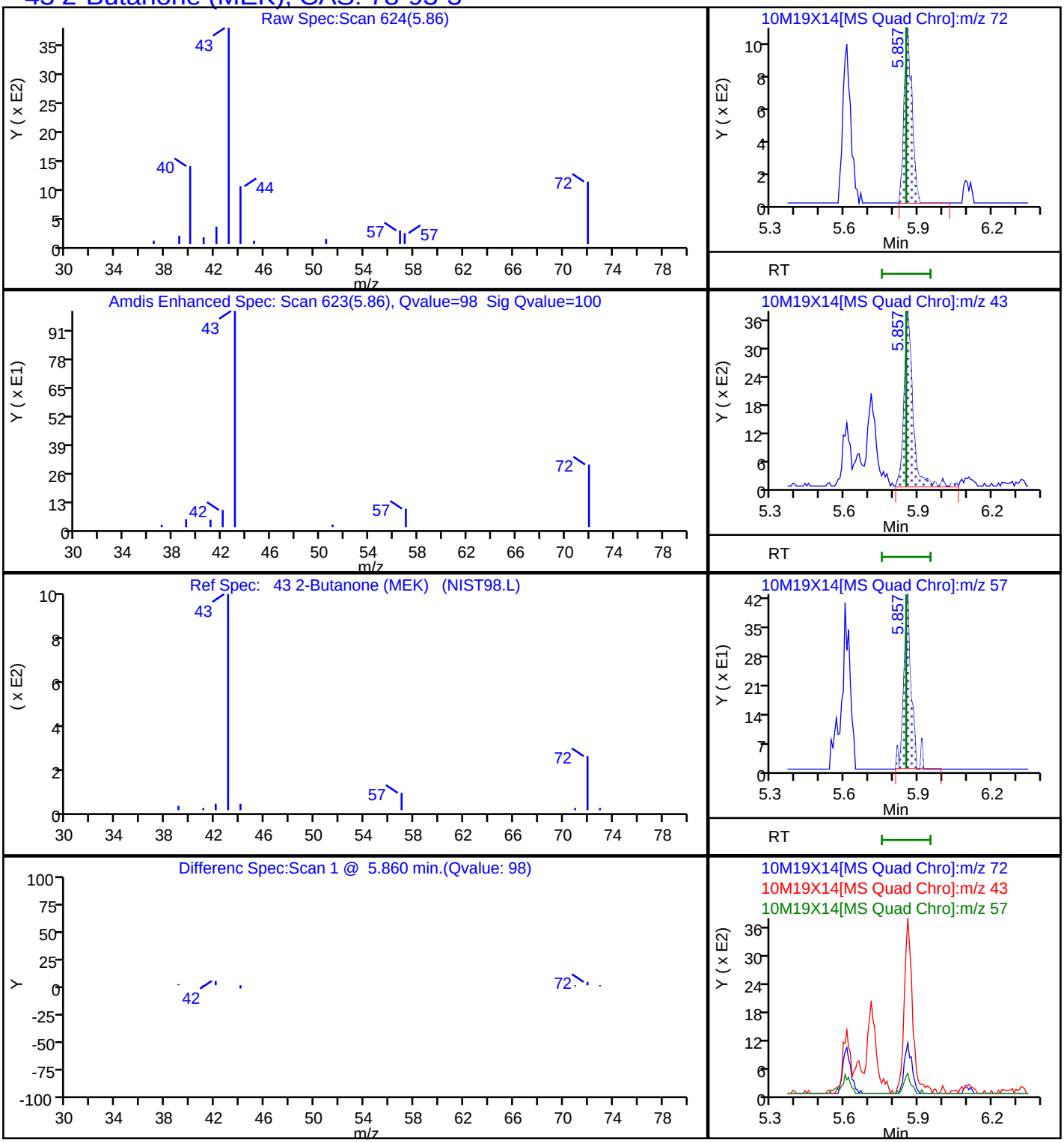


Report Date: 20-Mar-2026 20:38:04 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X14.D				
Injection Date:	19-Mar-2026 19:25:01	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-3	Lab Sample ID:	410-271309-3		
Client ID:	1823				
Operator ID:	cv118168	ALS Bottle#:	8	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

43 2-Butanone (MEK), CAS: 78-93-3

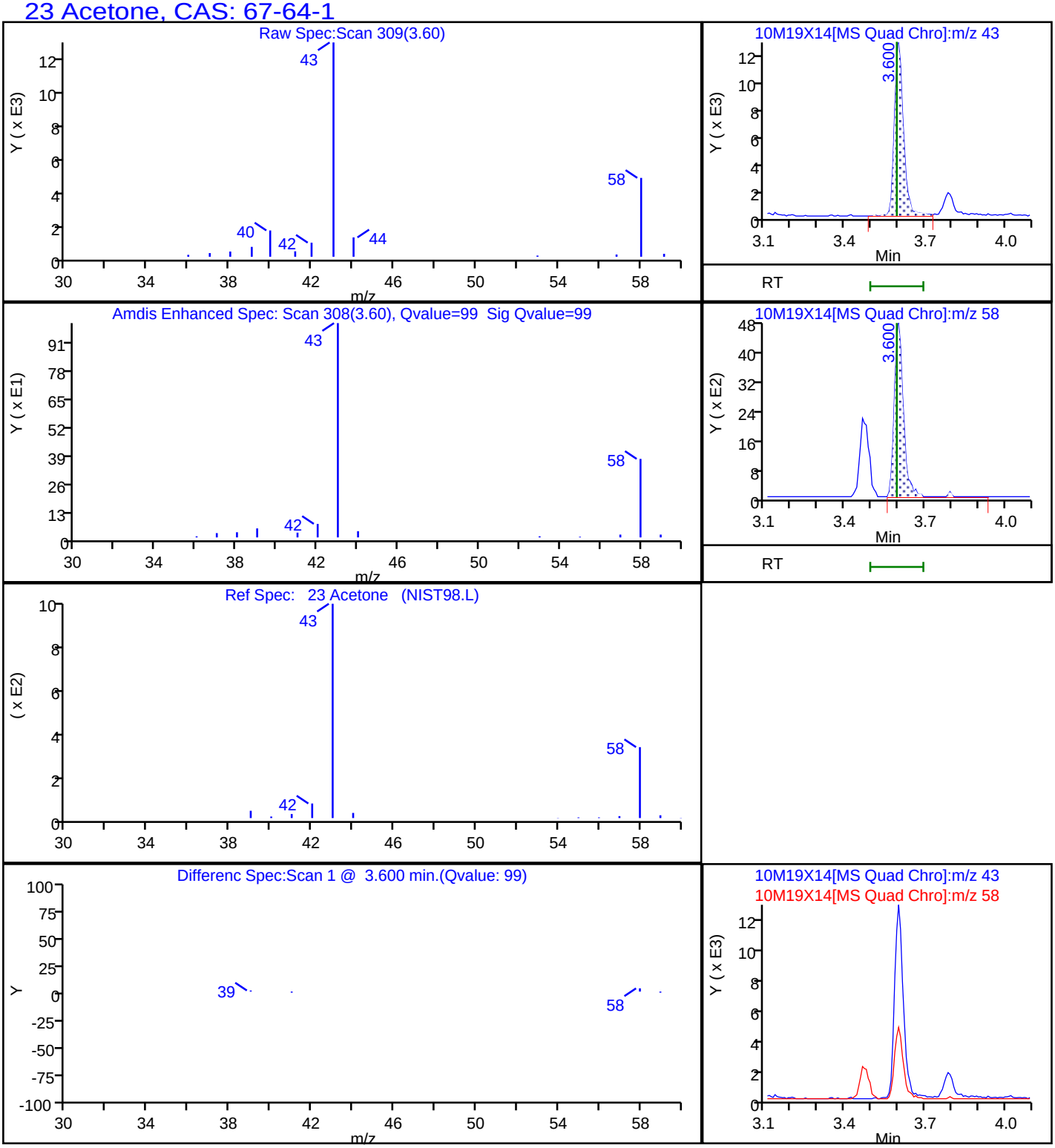


Report Date: 20-Mar-2026 20:38:04 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 19:25:01	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-3	Lab Sample ID:	410-271309-3		
Client ID:	1823				
Operator ID:	cv118168	ALS Bottle#:	8	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetone, CAS: 67-64-1

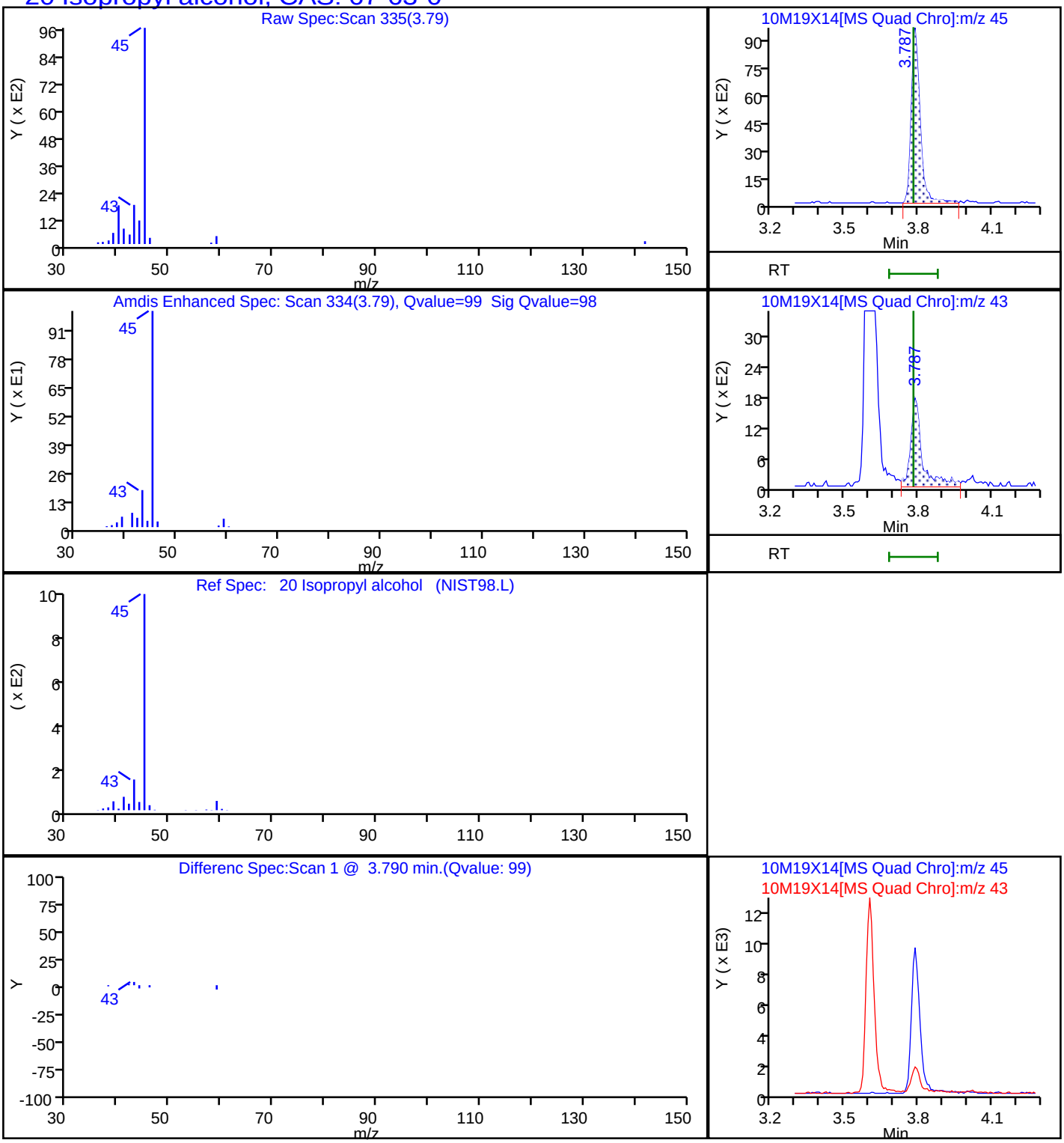


Report Date: 20-Mar-2026 20:38:04 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X14.D				
Injection Date:	19-Mar-2026 19:25:01	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-3	Lab Sample ID:	410-271309-3		
Client ID:	1823				
Operator ID:	cv118168	ALS Bottle#:	8	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

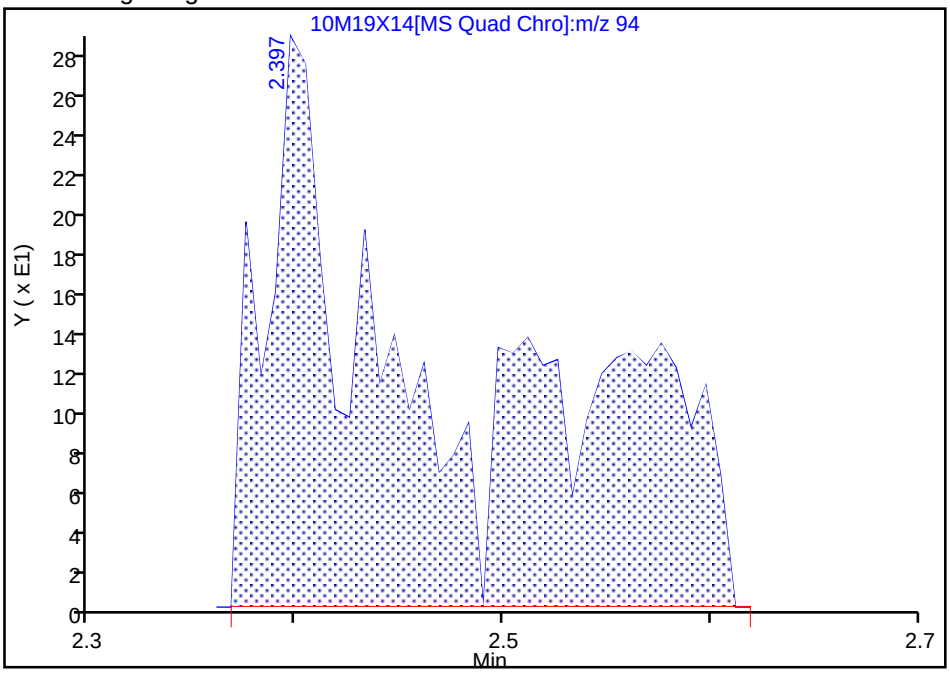
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Injection Date:	19-Mar-2026 19:25:01	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-3	Lab Sample ID:	410-271309-3		
Client ID:	1823				
Operator ID:	cv118168	ALS Bottle#:	8	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

8 Bromomethane, CAS: 74-83-9

Signal: 1

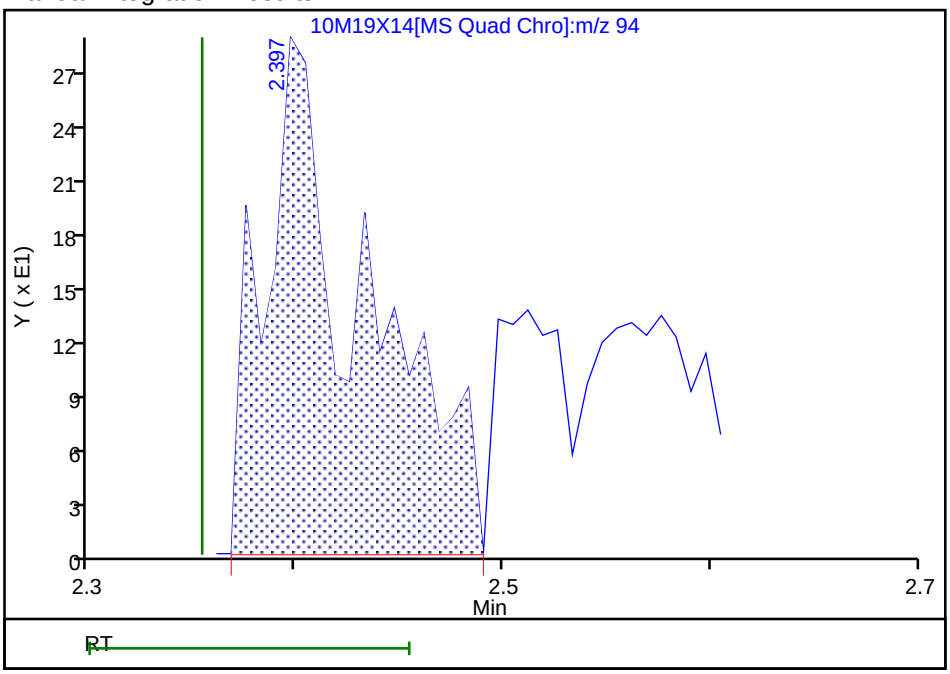
Processing Integration Results

RT: 2.40
Area: 1753
Amount: 0.174314
Amount Units: ppb v/v



Manual Integration Results

RT: 2.40
Area: 981
Amount: 0.097548
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:32:37 -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

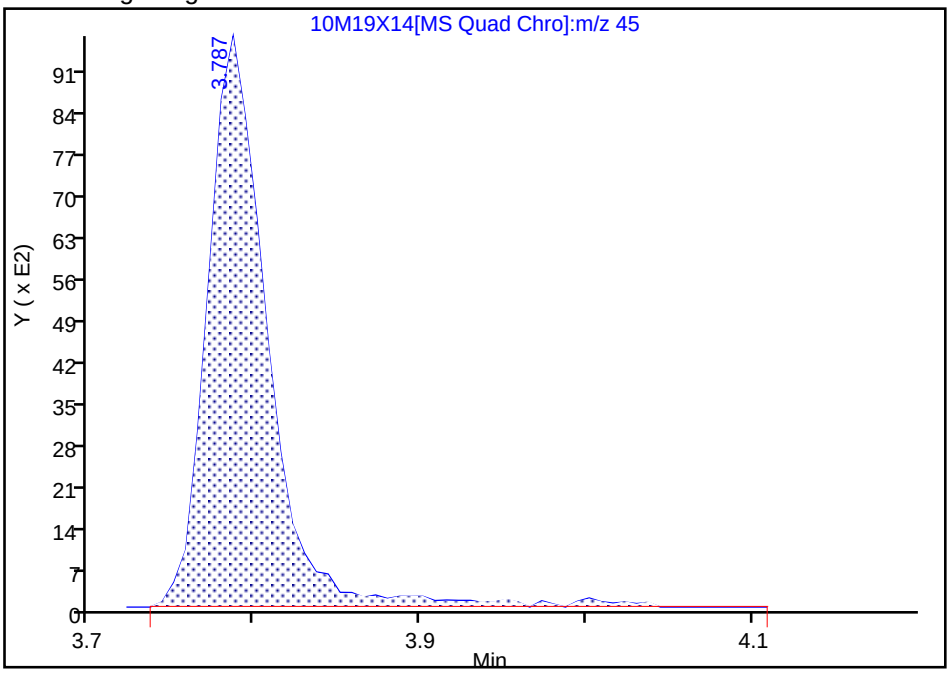
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Injection Date:	19-Mar-2026 19:25:01	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-3	Lab Sample ID:	410-271309-3		
Client ID:	1823				
Operator ID:	cv118168	ALS Bottle#:	8	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

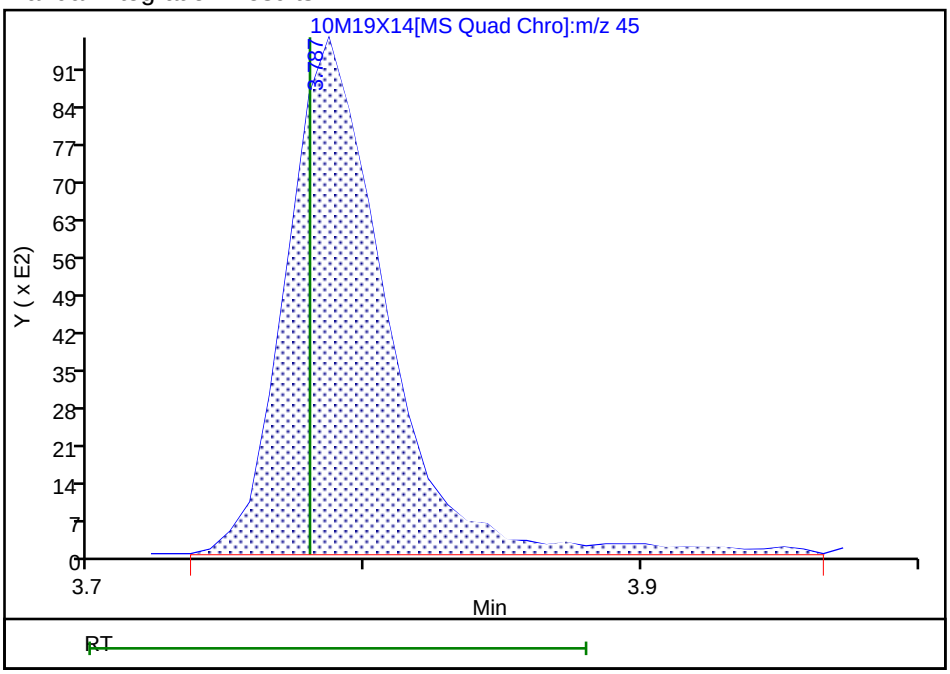
Processing Integration Results

RT: 3.79
Area: 24435
Amount: 1.346847
Amount Units: ppb v/v



Manual Integration Results

RT: 3.79
Area: 24092
Amount: 1.327941
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:32:55 -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

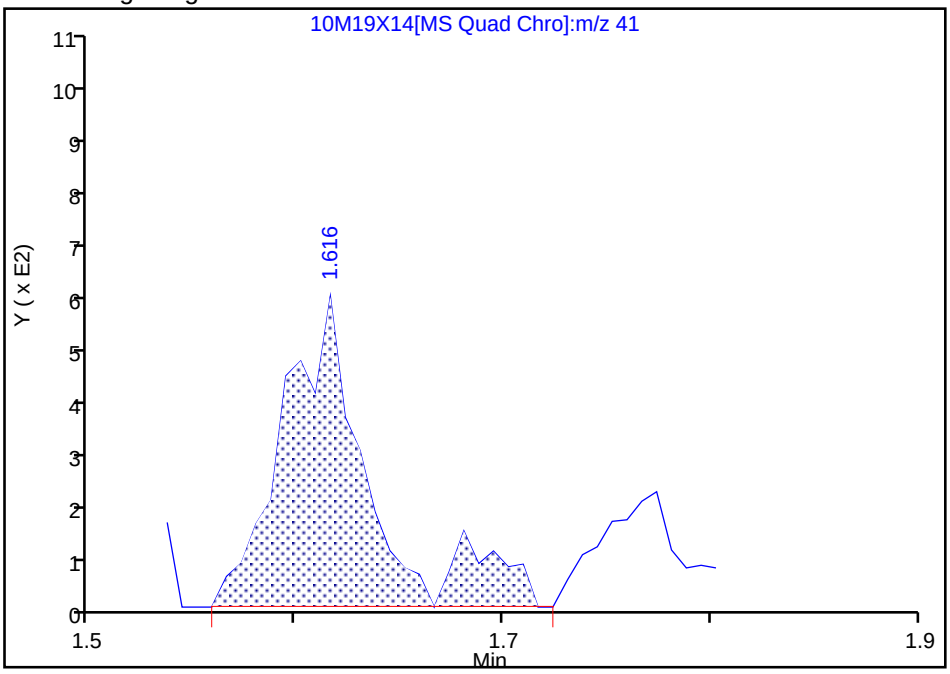
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Injection Date:	19-Mar-2026 19:25:01	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-3	Lab Sample ID:	410-271309-3		
Client ID:	1823				
Operator ID:	cv118168	ALS Bottle#:	8	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

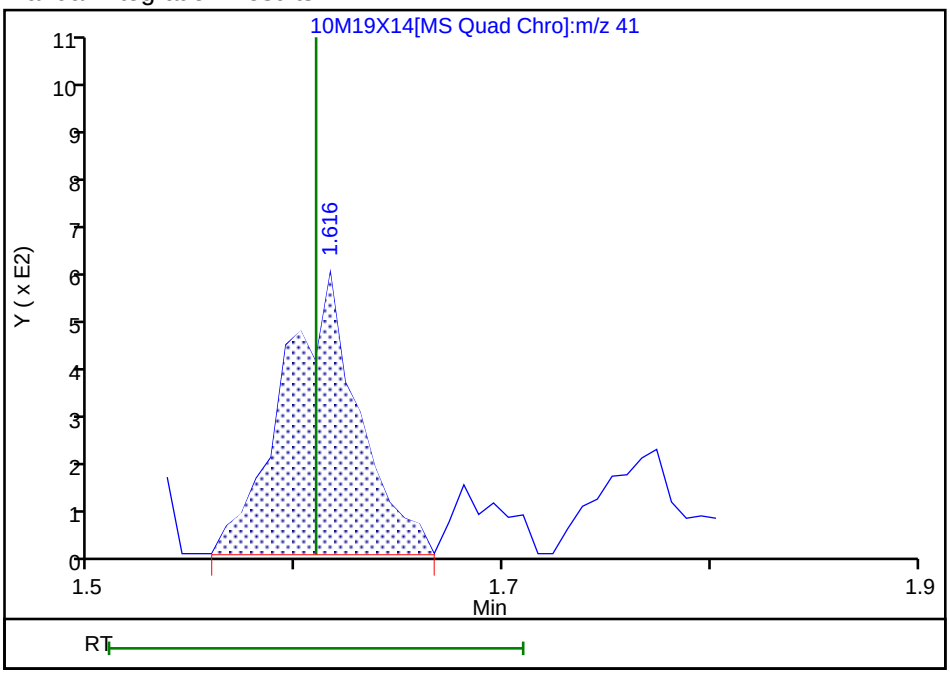
Processing Integration Results

RT: 1.62
Area: 1730
Amount: 0.222287
Amount Units: ppb v/v



Manual Integration Results

RT: 1.62
Area: 1491
Amount: 0.191578
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:32:28 -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

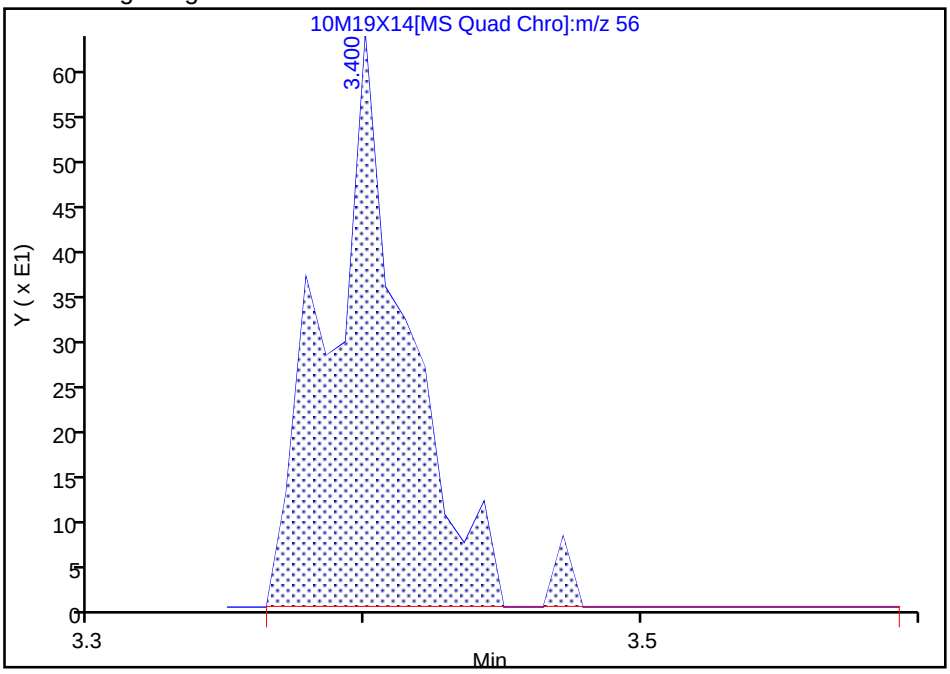
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Injection Date:	19-Mar-2026 19:25:01	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-3	Lab Sample ID:	410-271309-3		
Client ID:	1823				
Operator ID:	cv118168	ALS Bottle#:	8	Worklist Smp#:	13
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

19 Acrolein, CAS: 107-02-8

Signal: 1

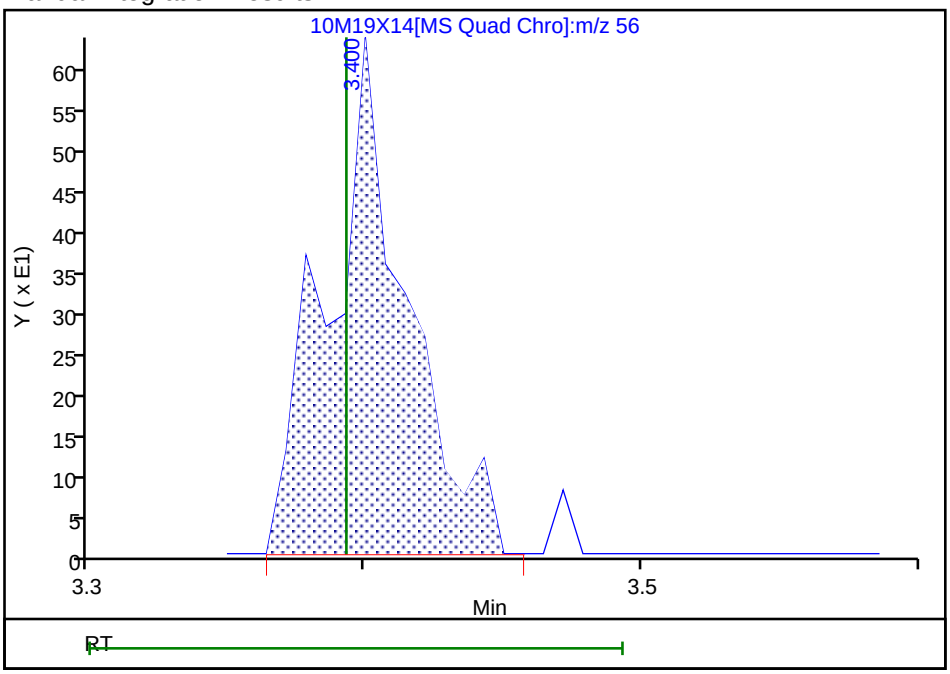
Processing Integration Results

RT: 3.40
Area: 1291
Amount: 0.326498
Amount Units: ppb v/v



Manual Integration Results

RT: 3.40
Area: 1257
Amount: 0.317899
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:32:44 -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.: 410-271309-1

SDG No.:

Client Sample ID: 1510 Lab Sample ID: 410-271309-4

Matrix: Air Lab File ID: 10M19X15.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 19:48

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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	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
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.: 410-271309-1

SDG No.:

Client Sample ID: 1510 Lab Sample ID: 410-271309-4

Matrix: Air Lab File ID: 10M19X15.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 19:48

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271309-1

SDG No.:

Client Sample ID: 1510 Lab Sample ID: 410-271309-4

Matrix: Air Lab File ID: 10M19X15.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 19:48

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	1.5	cn	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

Report Date: 20-Mar-2026 20:38:06 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X15.D
Lims ID: 410-271309-A-4
Client ID: 1510
Sample Type: Client
Inject. Date: 19-Mar-2026 19:48:57 ALS Bottle#: 9 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1510
Misc. Info.: 410-0179351-014
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 17:34:42

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	8 Bromomethane	94	2.411	2.412	0.057	1	777	0.0764	7M
	23 Acetone	43	3.601	3.608	0.007	100	19386	1.19	M
	20 Isopropyl alcohol	45	3.787	3.787	0.007	99	28109	1.53	
	43 2-Butanone (MEK)	72	5.864	5.850	0.014	99	1332	0.2099	
*	35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	140968	10.0	
*	50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	564937	10.0	
*	68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	537319	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

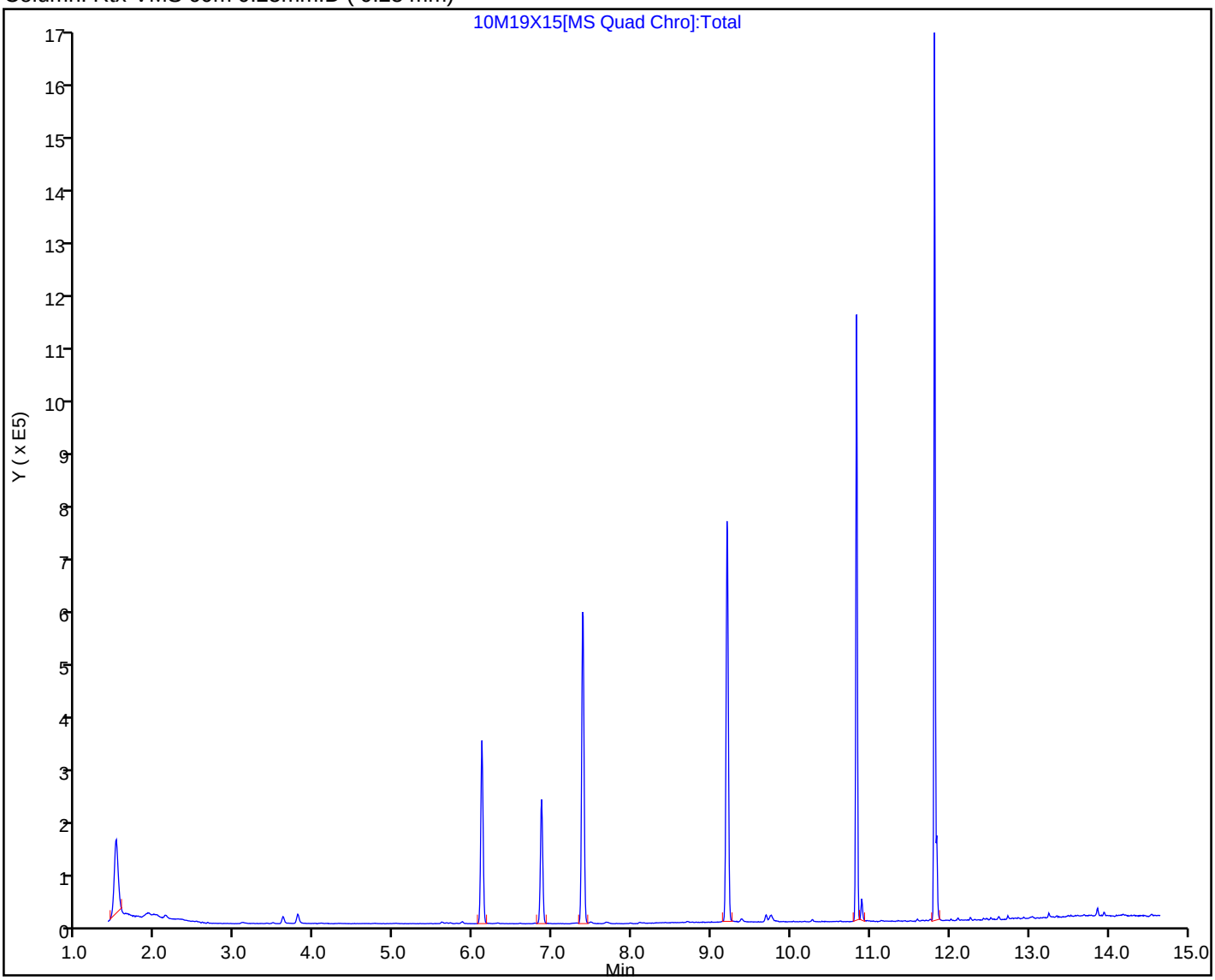
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:06 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X15.D				
Injection Date:	19-Mar-2026 19:48:57	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-4	Lab Sample ID:	410-271309-4		
Client ID:	1510				
Operator ID:	cv118168	ALS Bottle#:	9	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

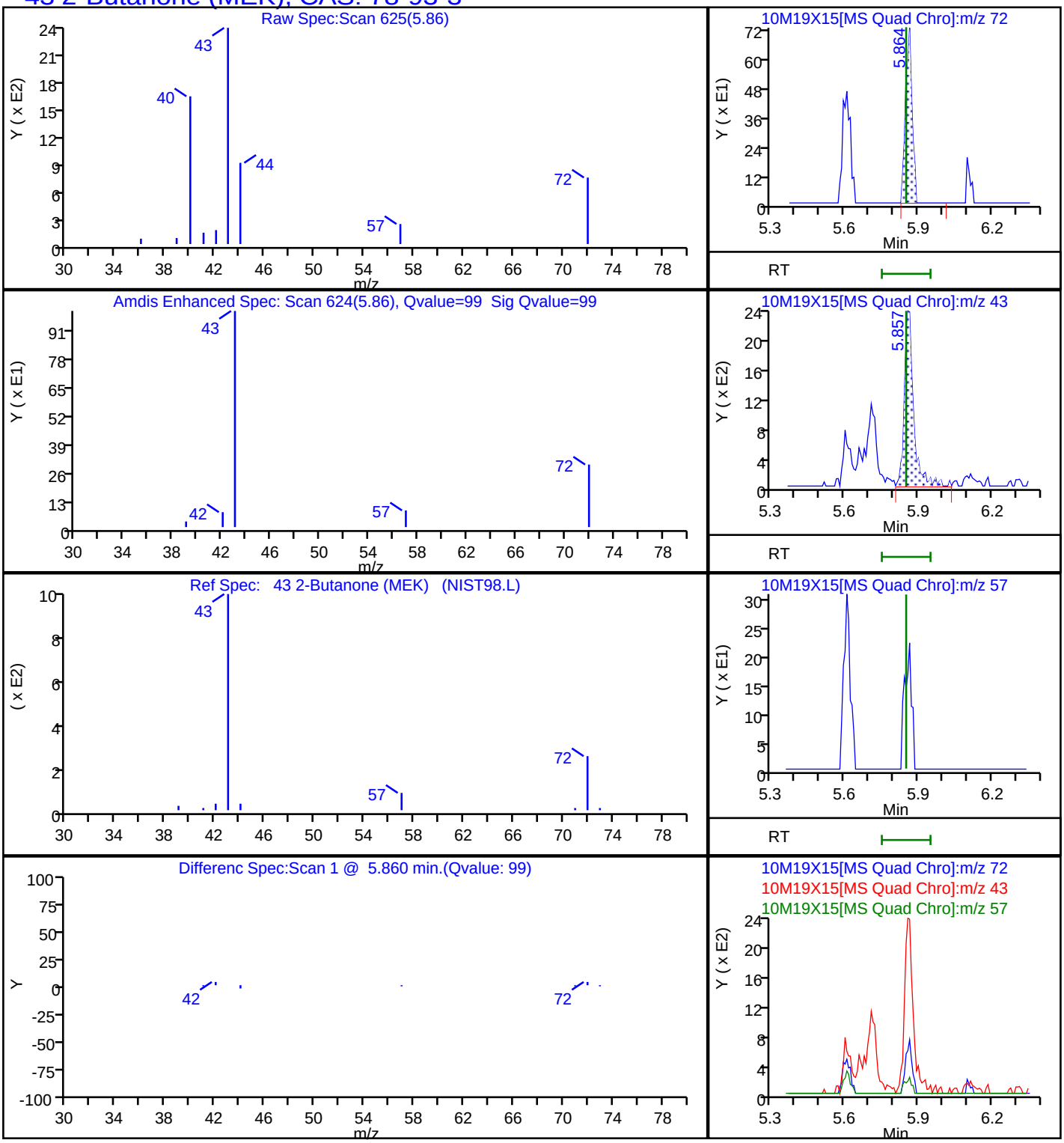


Report Date: 20-Mar-2026 20:38:06 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X15.D				
Injection Date:	19-Mar-2026 19:48:57	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-4	Lab Sample ID:	410-271309-4		
Client ID:	1510				
Operator ID:	cv118168	ALS Bottle#:	9	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

43 2-Butanone (MEK), CAS: 78-93-3

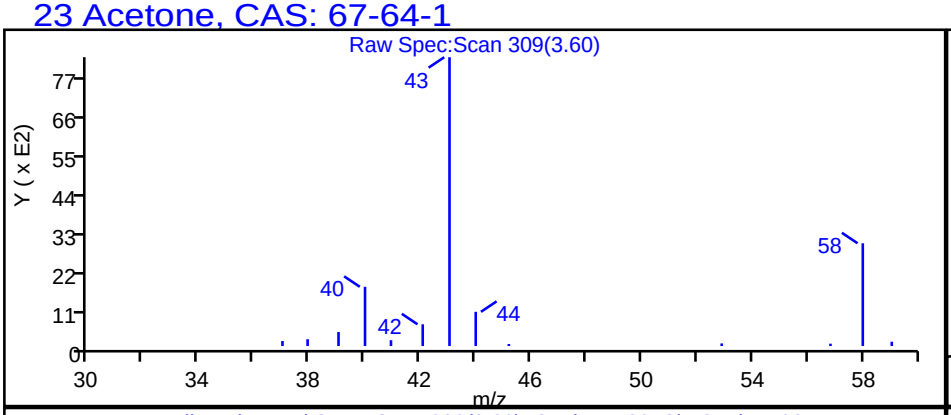


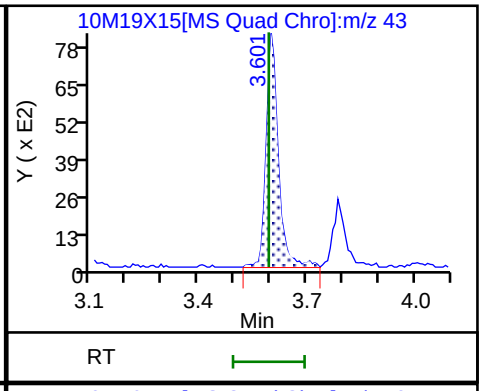
Report Date: 20-Mar-2026 20:38:06 Chrom Revision: 2.3 18-Mar-2026 19:51:28

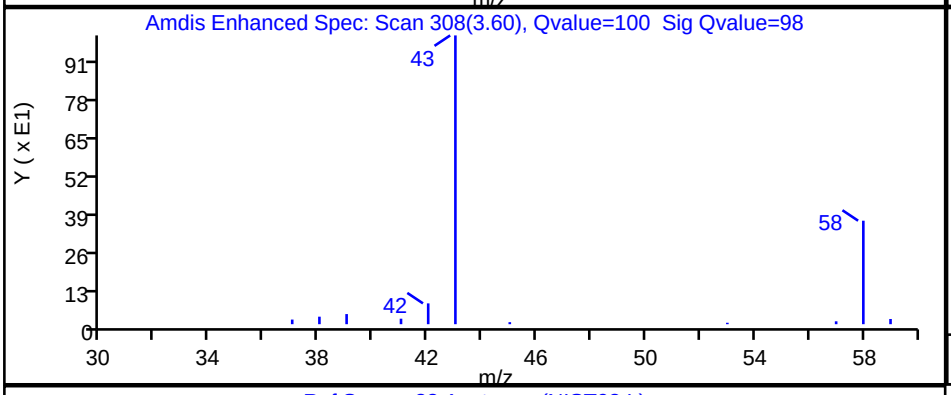
Eurofins Lancaster Laboratories Environment Testing, LLC

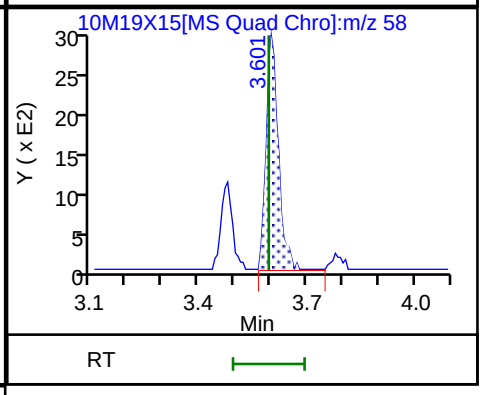
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Injection Date:	19-Mar-2026 19:48:57	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-4	Lab Sample ID:	410-271309-4		
Client ID:	1510				
Operator ID:	cv118168	ALS Bottle#:	9	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

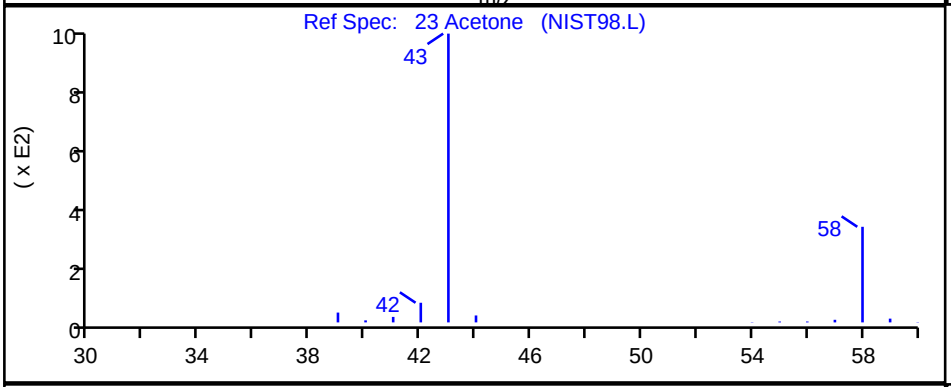
23 Acetone, CAS: 67-64-1

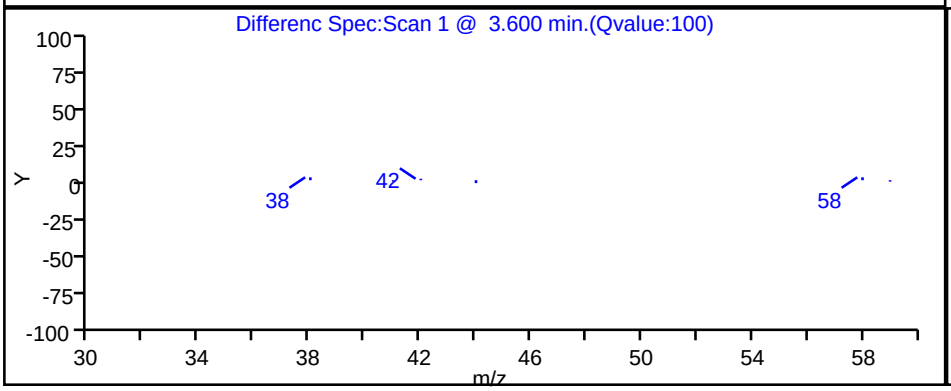


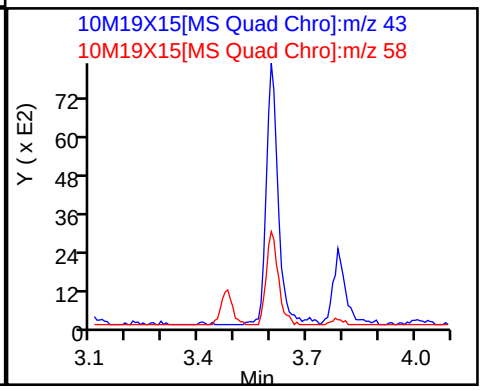










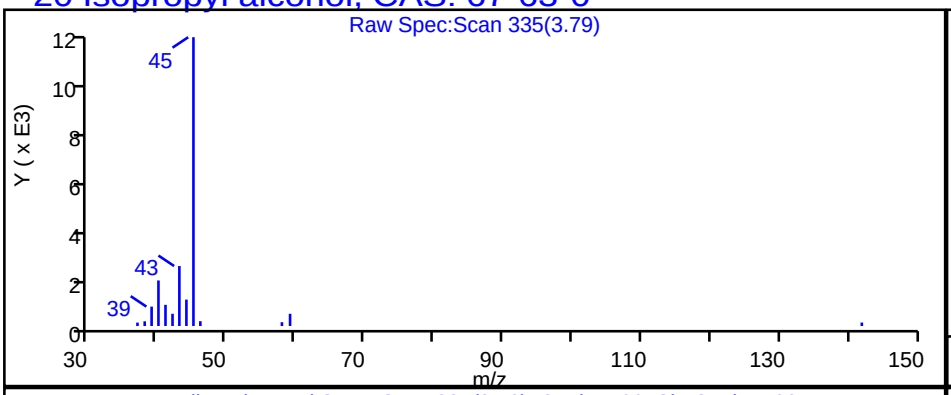


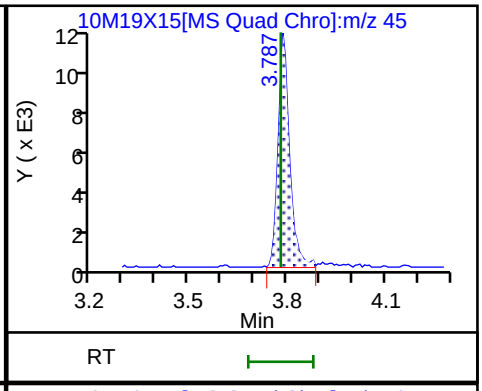
Report Date: 20-Mar-2026 20:38:06 Chrom Revision: 2.3 18-Mar-2026 19:51:28

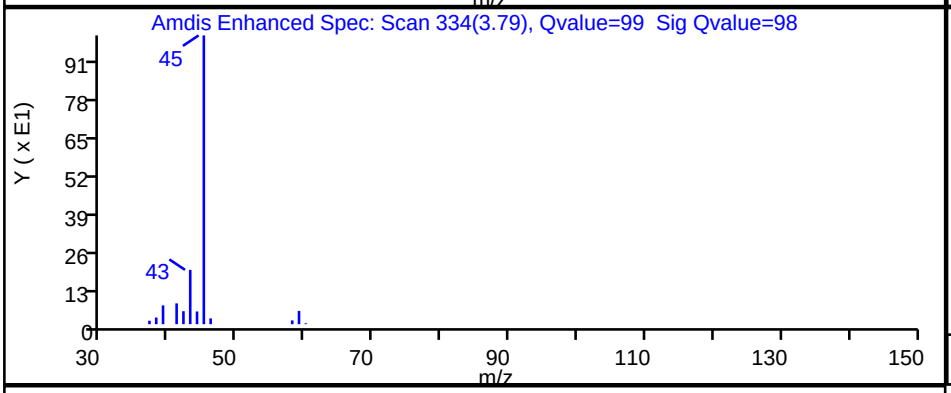
Eurofins Lancaster Laboratories Environment Testing, LLC

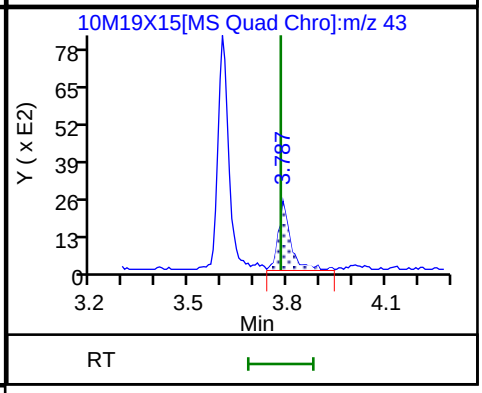
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Injection Date:	19-Mar-2026 19:48:57	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-4	Lab Sample ID:	410-271309-4		
Client ID:	1510				
Operator ID:	cv118168	ALS Bottle#:	9	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

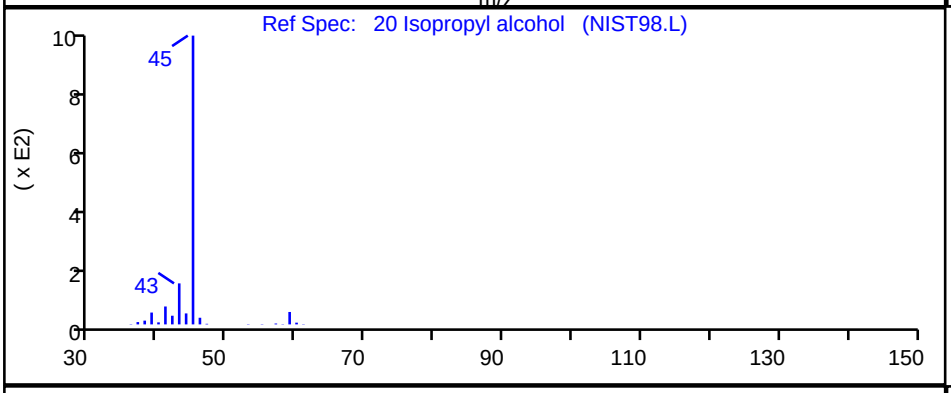
20 Isopropyl alcohol, CAS: 67-63-0

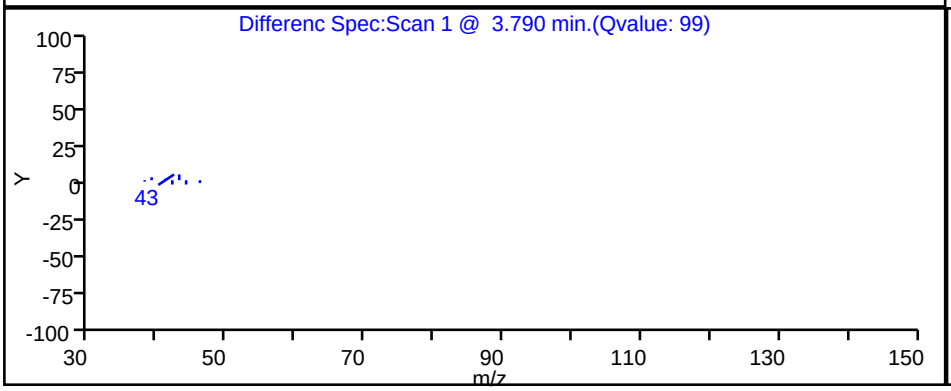


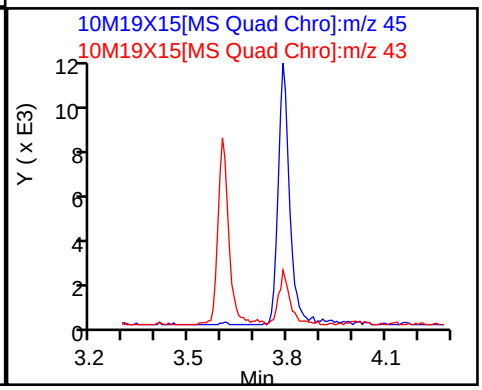












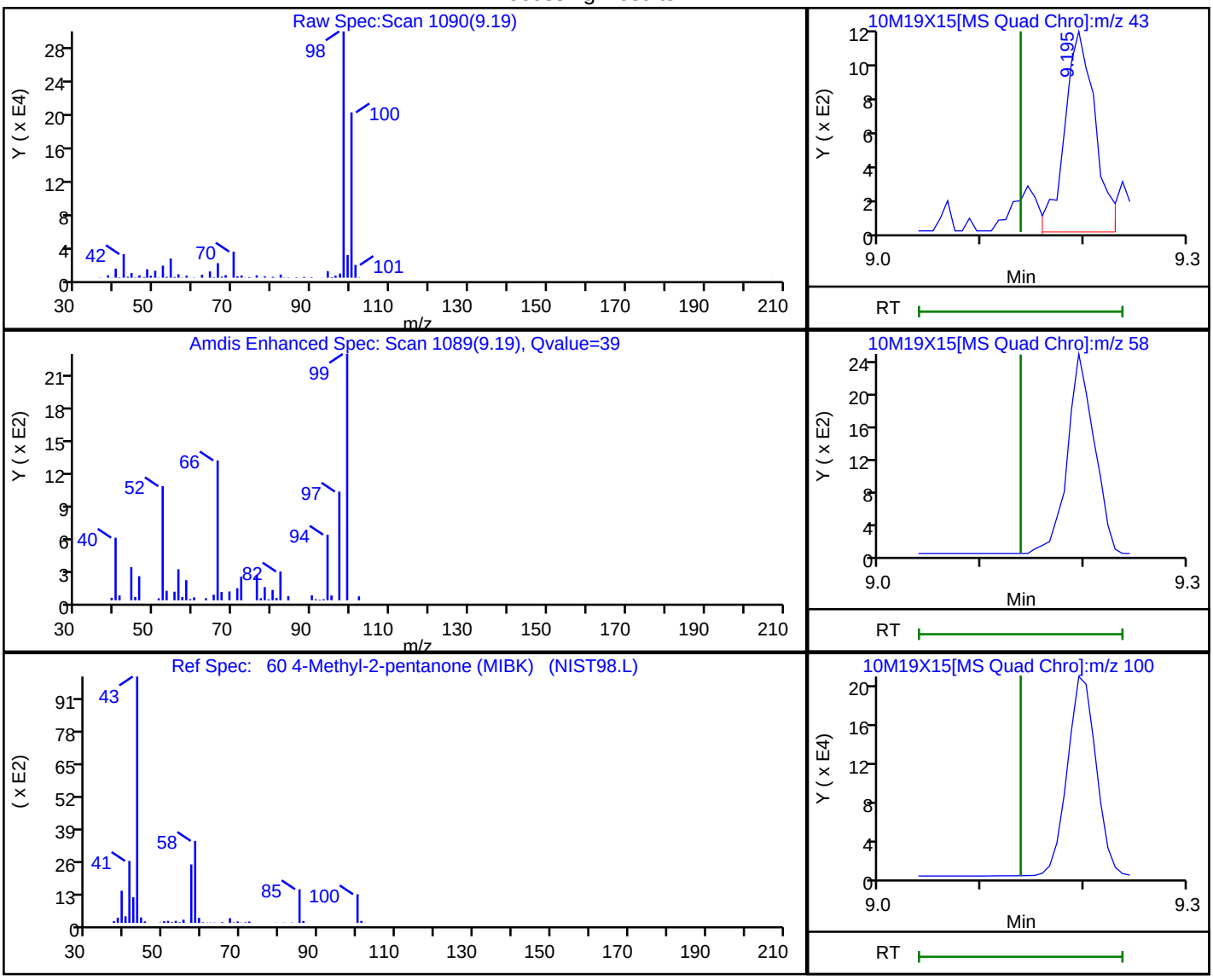
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X15.D				
Injection Date:	19-Mar-2026 19:48:57	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-4	Lab Sample ID:	410-271309-4		
Client ID:	1510				
Operator ID:	cv118168	ALS Bottle#:	9	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.19	43.00	2297	0.086726
9.19	58.00	4566	
9.19	100.00	396822	

Reviewer: XU8K, 20-Mar-2026 17:34:31 -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

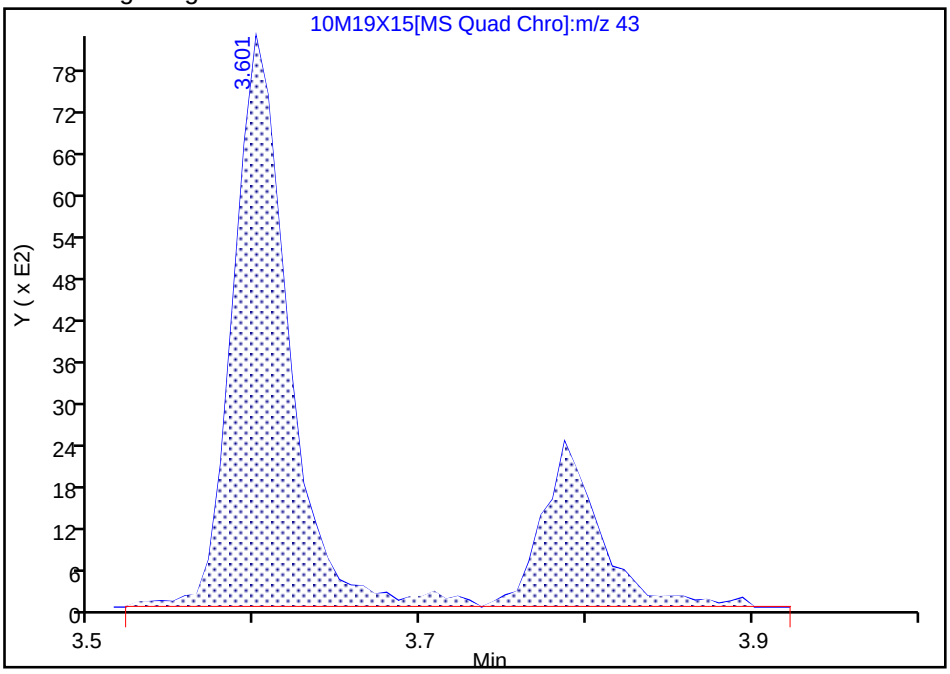
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Injection Date:	19-Mar-2026 19:48:57	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-4	Lab Sample ID:	410-271309-4		
Client ID:	1510				
Operator ID:	cv118168	ALS Bottle#:	9	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetone, CAS: 67-64-1

Signal: 1

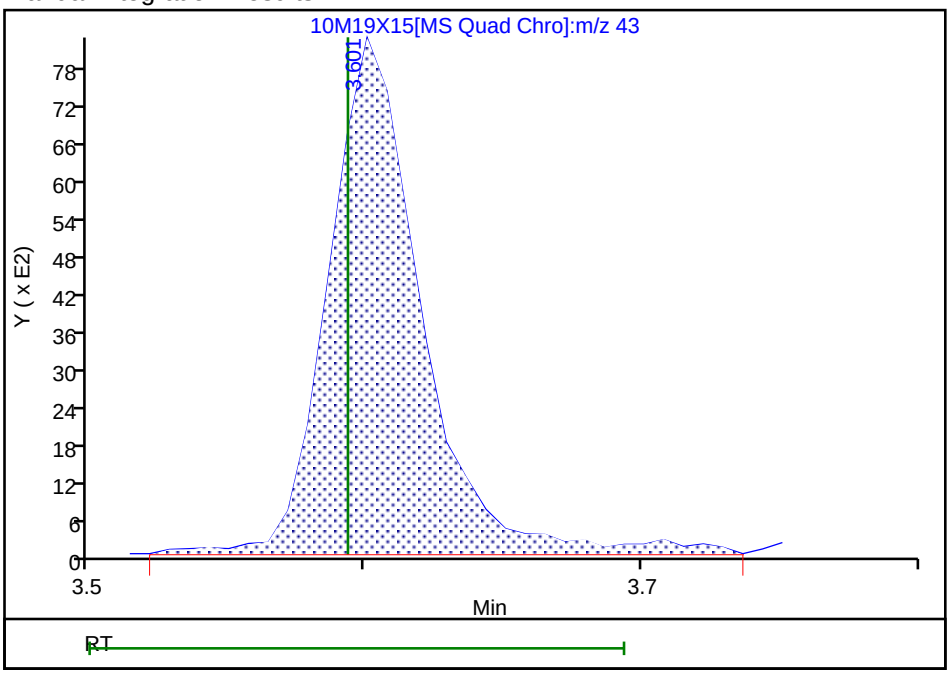
Processing Integration Results

RT: 3.60
Area: 25266
Amount: 1.551642
Amount Units: ppb v/v



Manual Integration Results

RT: 3.60
Area: 19386
Amount: 1.190538
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:34:14 -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

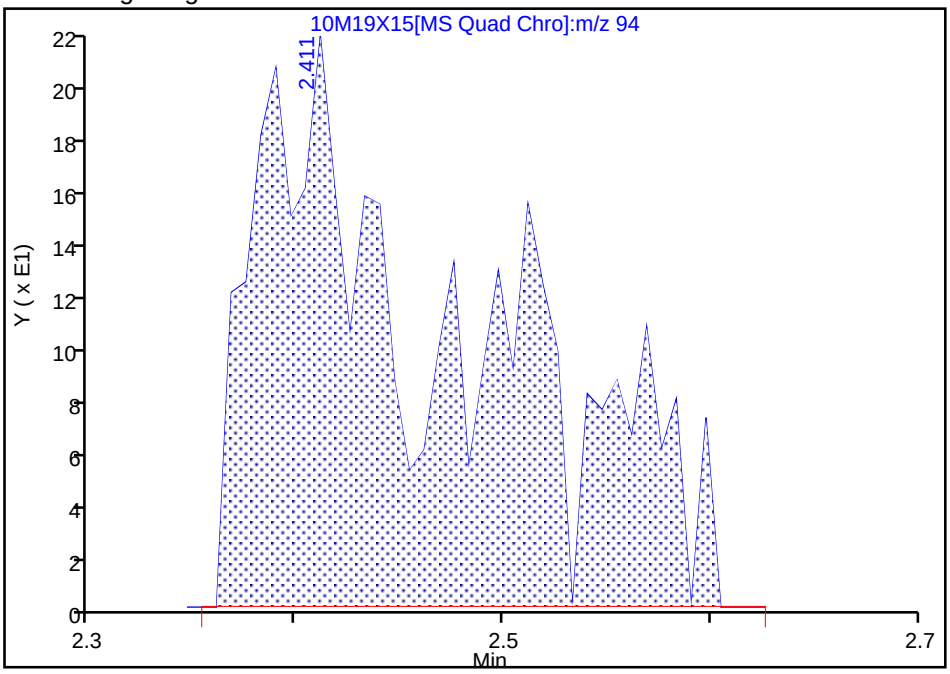
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X15.D				
Injection Date:	19-Mar-2026 19:48:57	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-4	Lab Sample ID:	410-271309-4		
Client ID:	1510				
Operator ID:	cv118168	ALS Bottle#:	9	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

8 Bromomethane, CAS: 74-83-9

Signal: 1

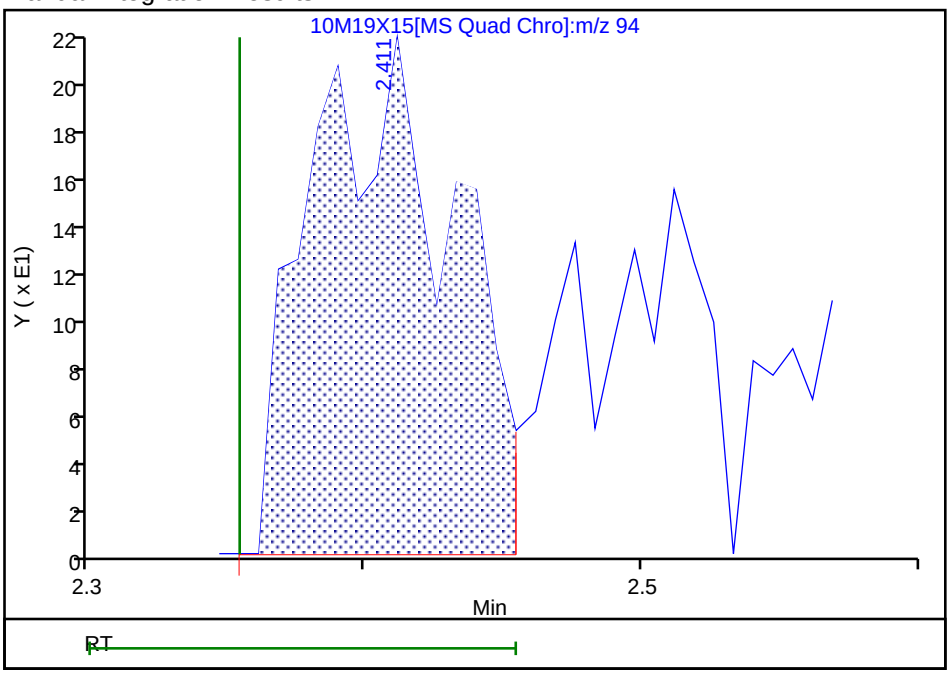
Processing Integration Results

RT: 2.41
Area: 1486
Amount: 0.146167
Amount Units: ppb v/v



Manual Integration Results

RT: 2.41
Area: 777
Amount: 0.076428
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:34:07 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

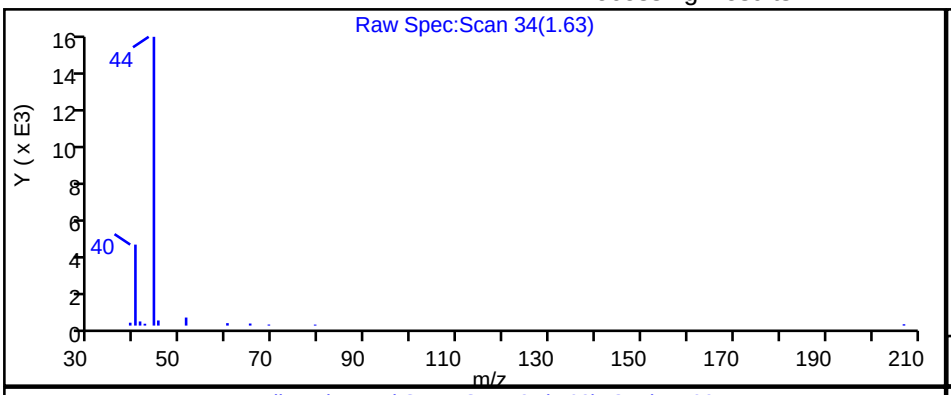
User Disabled Compound Report

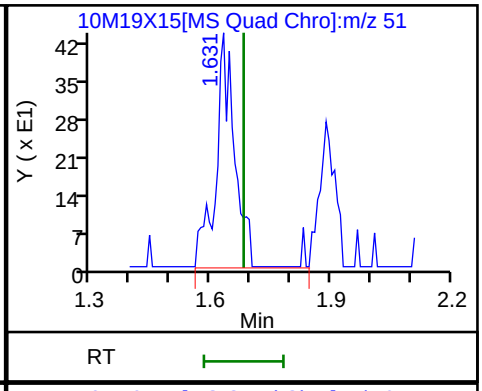
Eurofins Lancaster Laboratories Environment Testing, LLC

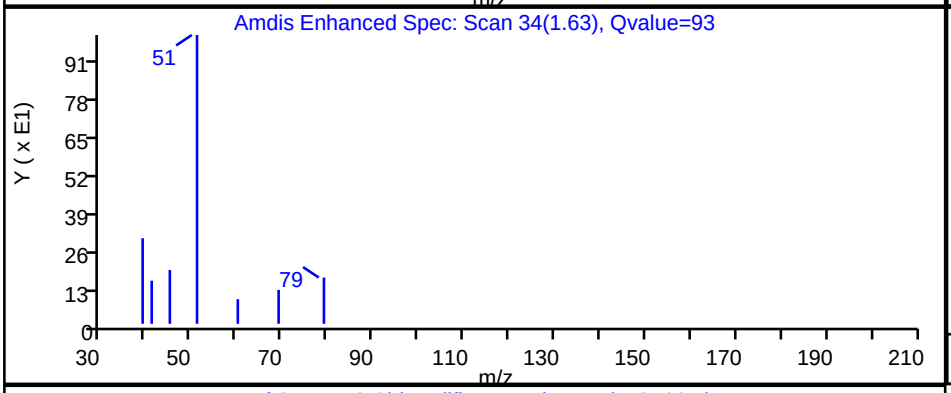
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Lims ID:	410-271309-A-4	Lab Sample ID:	410-271309-4		
Client ID:	1510				
Operator ID:	cv118168	ALS Bottle#:	9	Worklist Smp#:	14
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

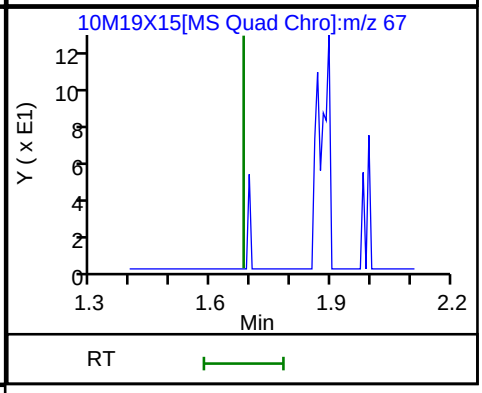
3 Chlorodifluoromethane, CAS: 75-45-6

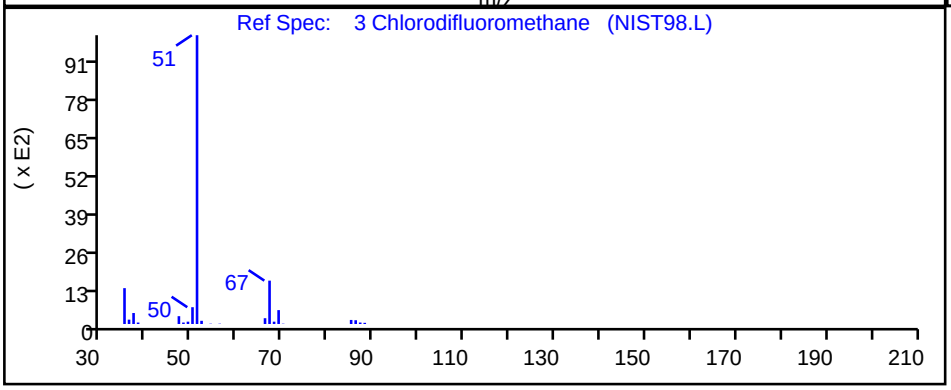
Processing Results











RT	Mass	Response	Amount
1.63	51.00	1433	0.094420
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 17:34:01 -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.: 410-271309-1

SDG No.:

Client Sample ID: 1463 Lab Sample ID: 410-271309-5

Matrix: Air Lab File ID: 10M19X16.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 20:12

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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	0.29	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	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	0.41	J	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.: 410-271309-1

SDG No.:

Client Sample ID: 1463 Lab Sample ID: 410-271309-5

Matrix: Air Lab File ID: 10M19X16.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 20:12

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271309-1

SDG No.:

Client Sample ID: 1463 Lab Sample ID: 410-271309-5

Matrix: Air Lab File ID: 10M19X16.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 20:12

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	1.3	cn	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\HP4RA38\20260318-179351.b\10M19X16.D
Lims ID: 410-271309-A-5
Client ID: 1463
Sample Type: Client
Inject. Date: 19-Mar-2026 20:12:53 ALS Bottle#: 10 Worklist Smp#: 15
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1463
Misc. Info.: 410-0179351-015
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 17:35:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
8 Bromomethane	94	2.397	2.412	0.043	1	857	0.0859	7Ma
23 Acetone	43	3.601	3.608	0.007	99	19741	1.24	
17 Carbon disulfide	76	3.665	3.672	-0.007	98	16002	0.4123	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	22601	1.26	
43 2-Butanone (MEK)	72	5.857	5.850	0.007	97	1808	0.2904	
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	138322	10.0	
* 50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	554666	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	547701	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

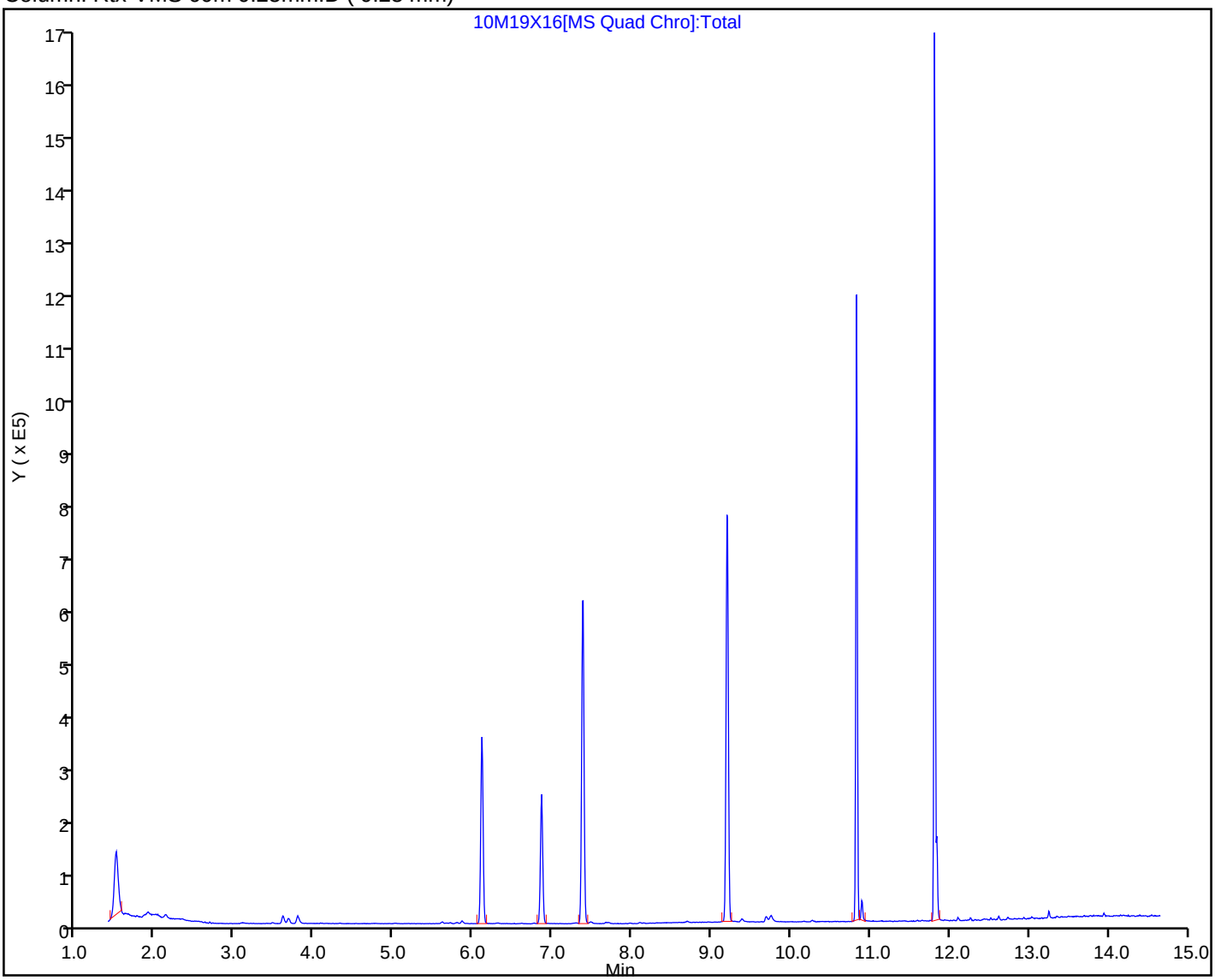
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:08 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 20:12:53	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-5	Lab Sample ID:	410-271309-5		
Client ID:	1463				
Operator ID:	cv118168	ALS Bottle#:	10	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

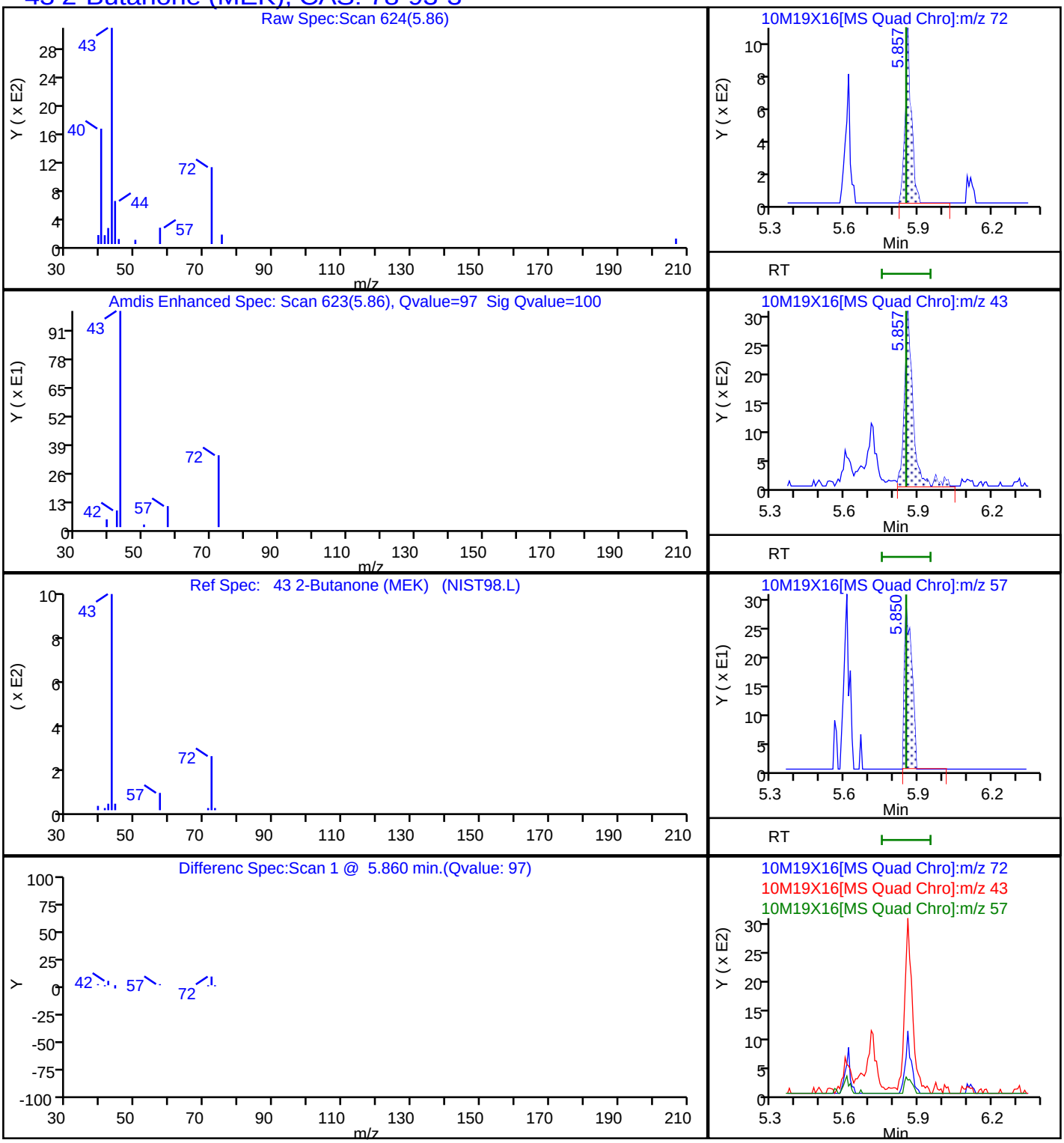


Report Date: 20-Mar-2026 20:38:08 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X16.D				
Injection Date:	19-Mar-2026 20:12:53	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-5	Lab Sample ID:	410-271309-5		
Client ID:	1463				
Operator ID:	cv118168	ALS Bottle#:	10	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

43 2-Butanone (MEK), CAS: 78-93-3

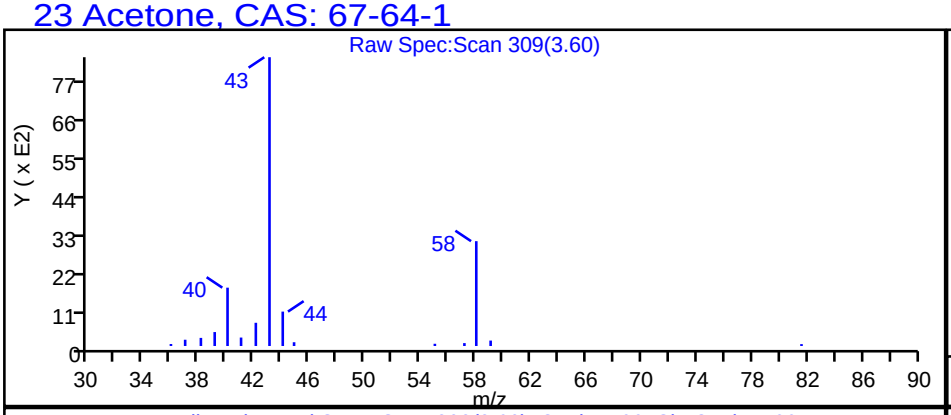


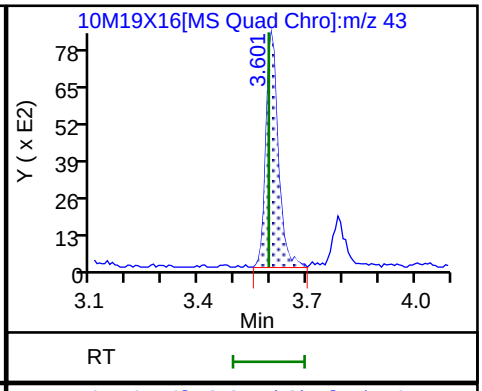
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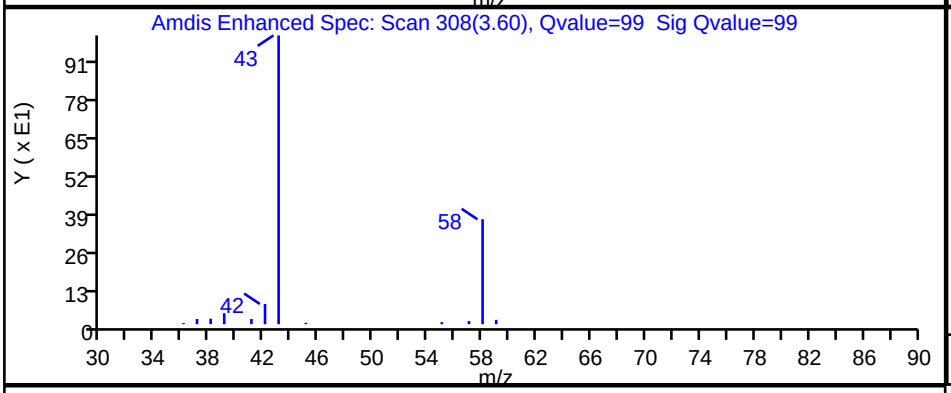
Eurofins Lancaster Laboratories Environment Testing, LLC

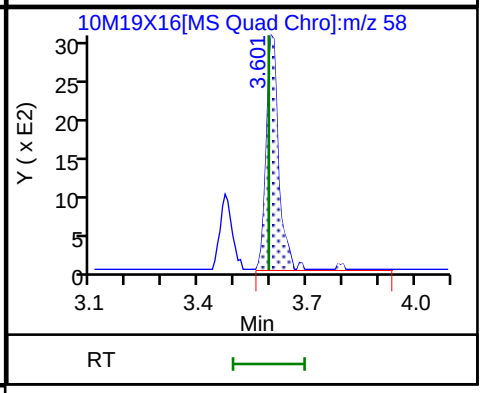
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Injection Date:	19-Mar-2026 20:12:53	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-5	Lab Sample ID:	410-271309-5		
Client ID:	1463				
Operator ID:	cv118168	ALS Bottle#:	10	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

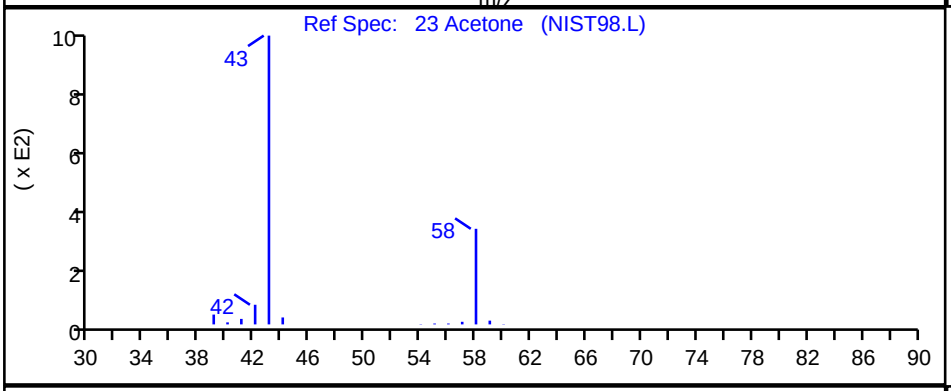
23 Acetone, CAS: 67-64-1

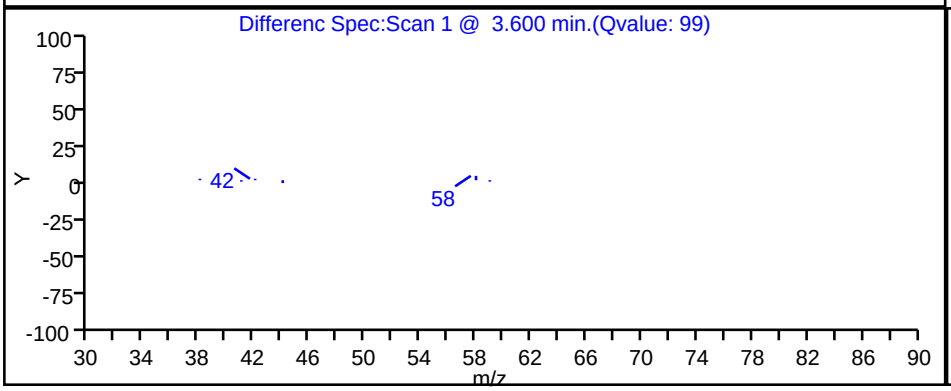


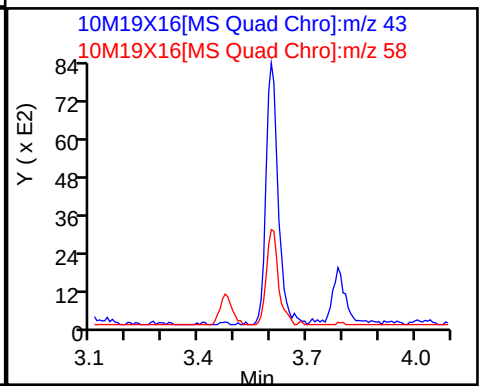










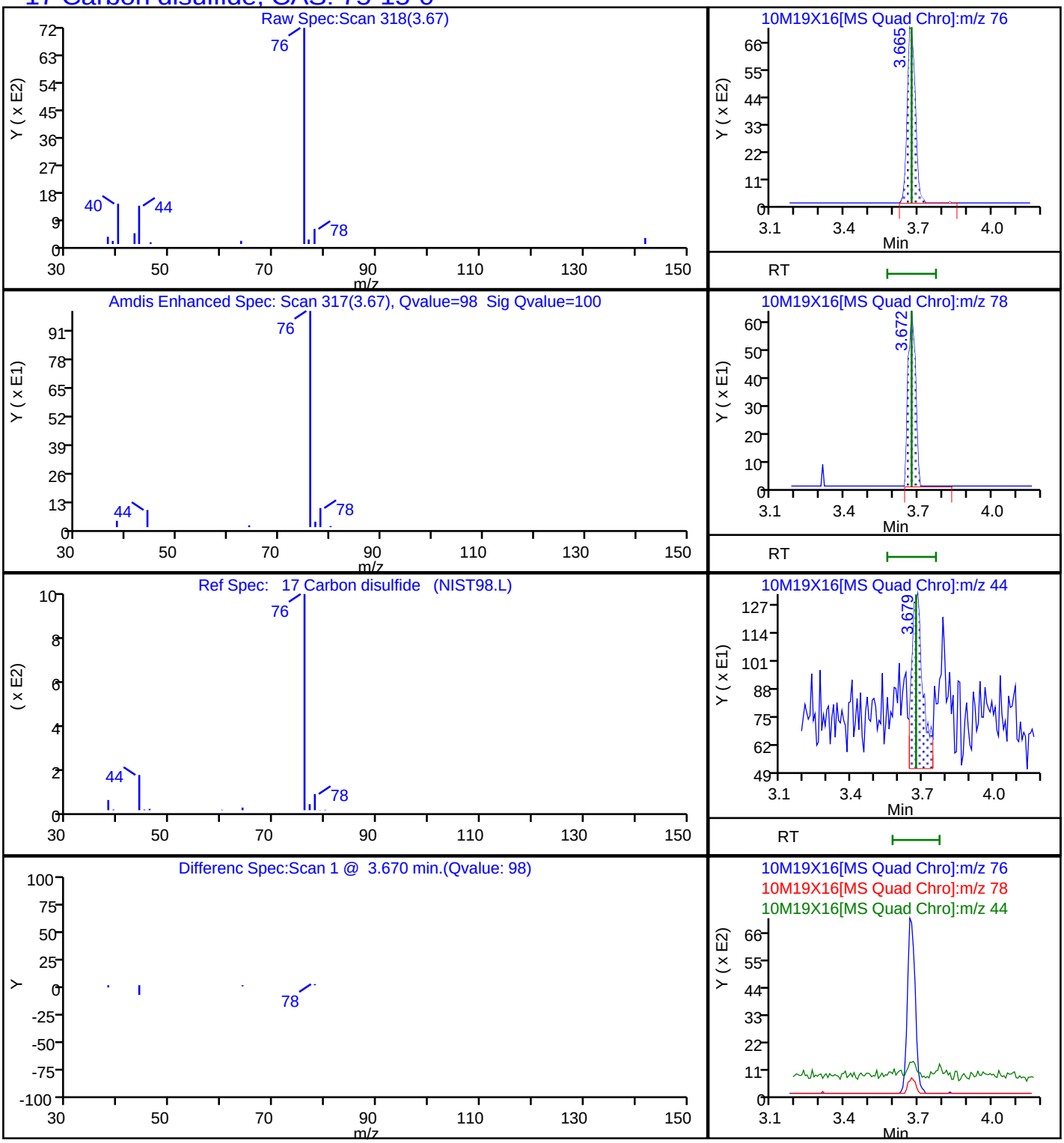


Report Date: 20-Mar-2026 20:38:08 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 20:12:53	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-5	Lab Sample ID:	410-271309-5		
Client ID:	1463				
Operator ID:	cv118168	ALS Bottle#:	10	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

17 Carbon disulfide, CAS: 75-15-0

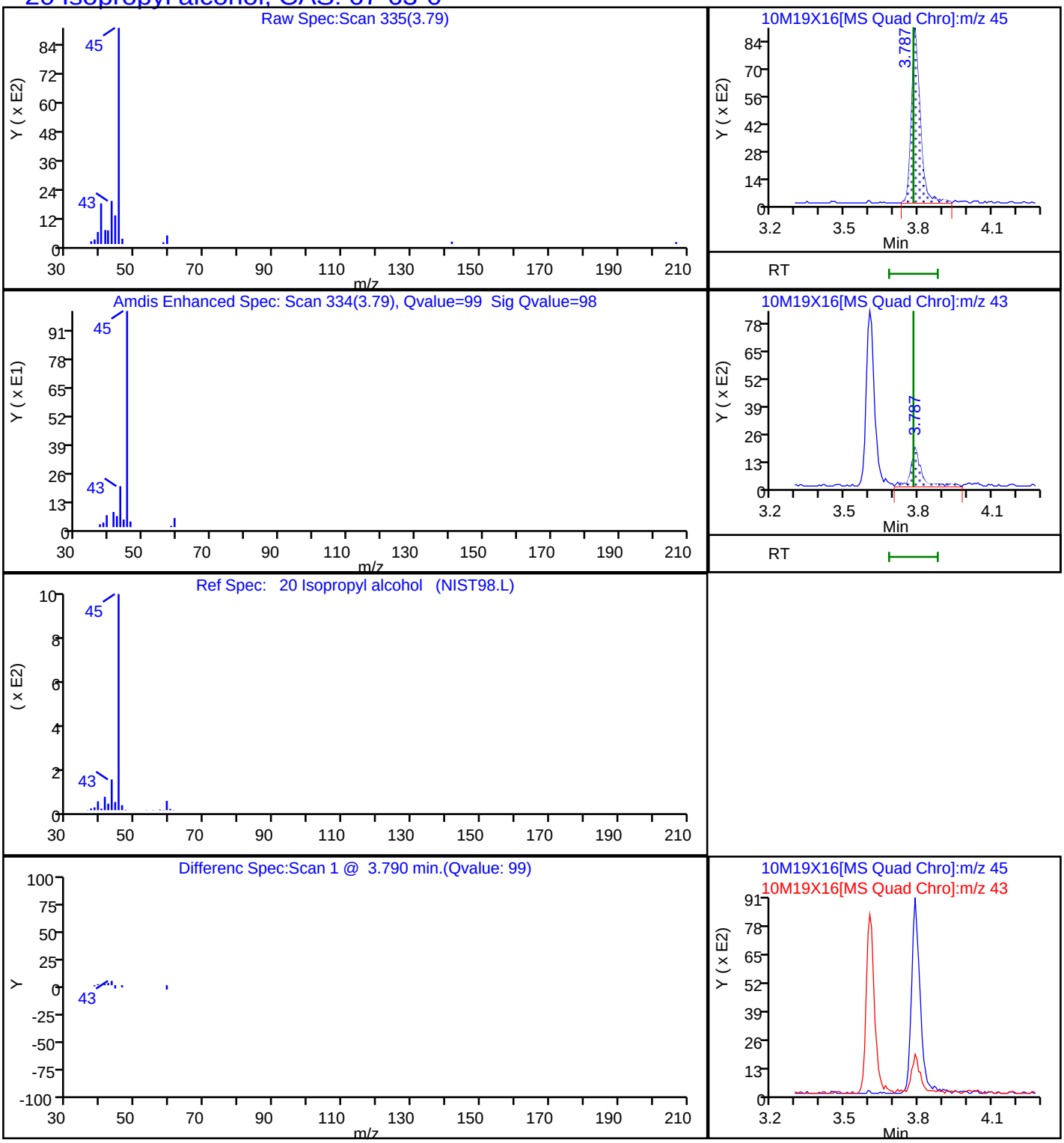


Report Date: 20-Mar-2026 20:38:08 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 20:12:53	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-5	Lab Sample ID:	410-271309-5		
Client ID:	1463				
Operator ID:	cv118168	ALS Bottle#:	10	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0



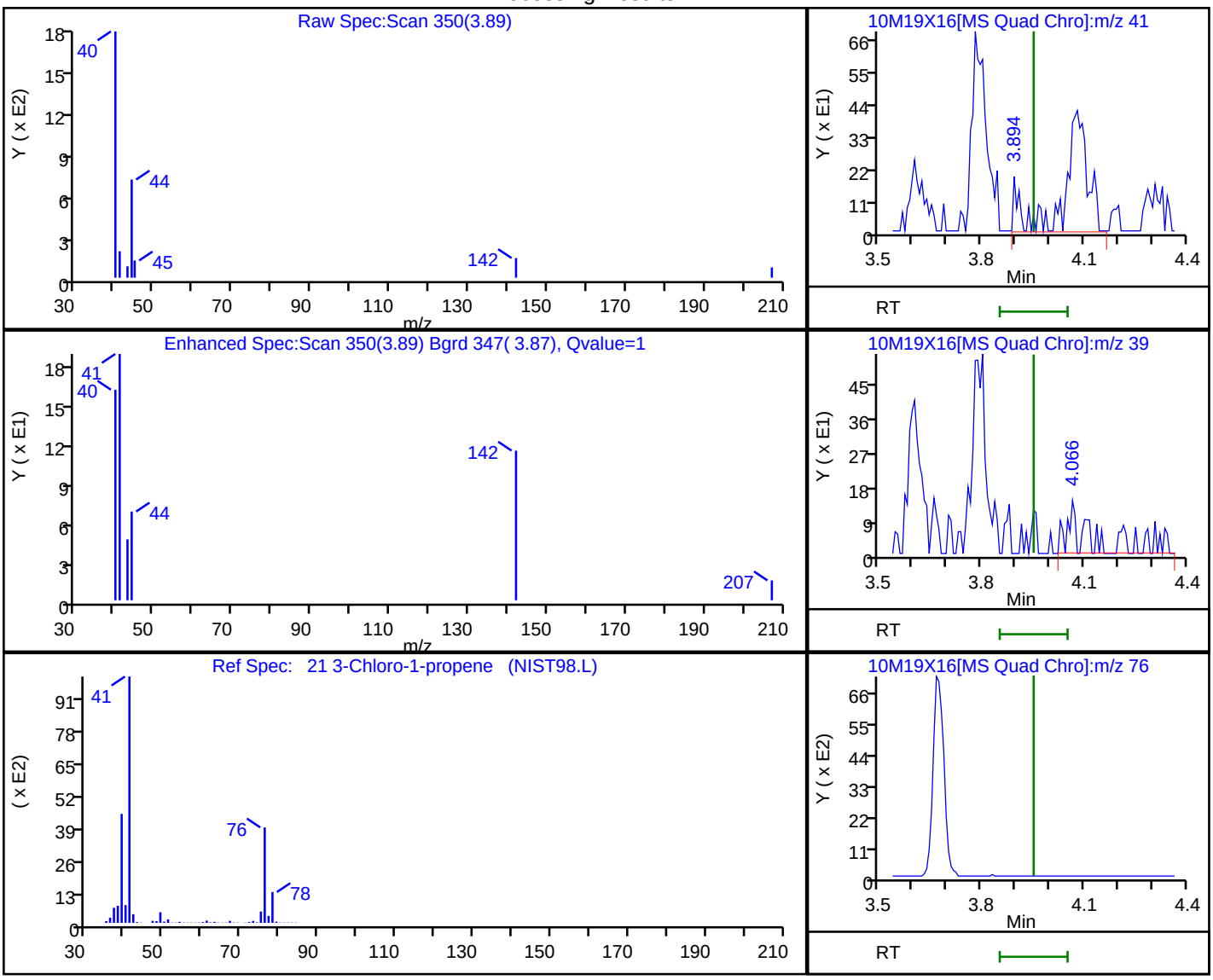
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X16.D				
Injection Date:	19-Mar-2026 20:12:53	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-5	Lab Sample ID:	410-271309-5		
Client ID:	1463				
Operator ID:	cv118168	ALS Bottle#:	10	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

21 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.89	41.00	1929	0.157659
4.07	39.00	719	
3.95	76.00	0	

Reviewer: XU8K, 20-Mar-2026 17:35:22 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

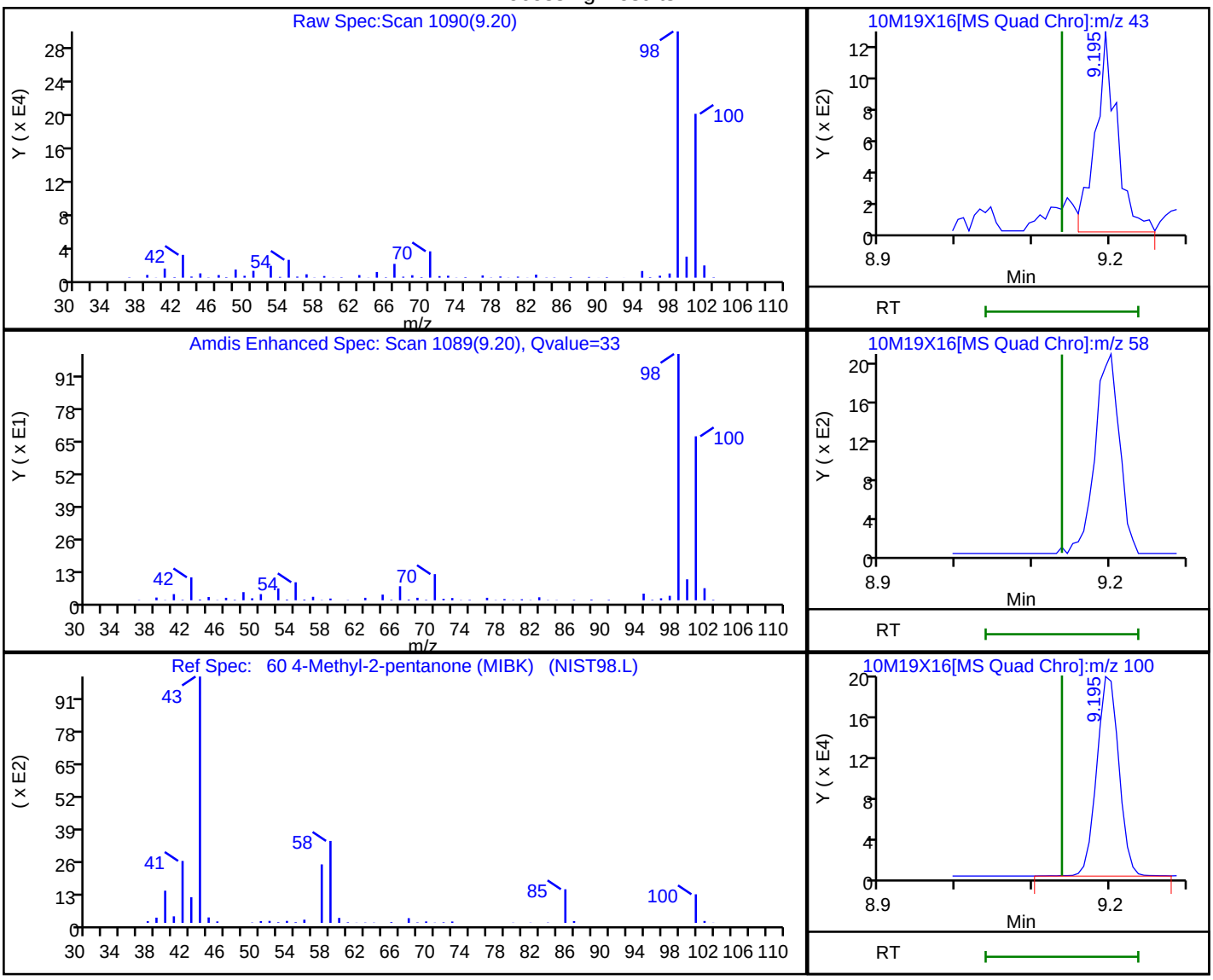
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X16.D				
Injection Date:	19-Mar-2026 20:12:53	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-5	Lab Sample ID:	410-271309-5		
Client ID:	1463				
Operator ID:	cv118168	ALS Bottle#:	10	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.20	43.00	2423	0.093178
9.20	58.00	4618	
9.20	100.00	391707	

Reviewer: XU8K, 20-Mar-2026 17:35:35 -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

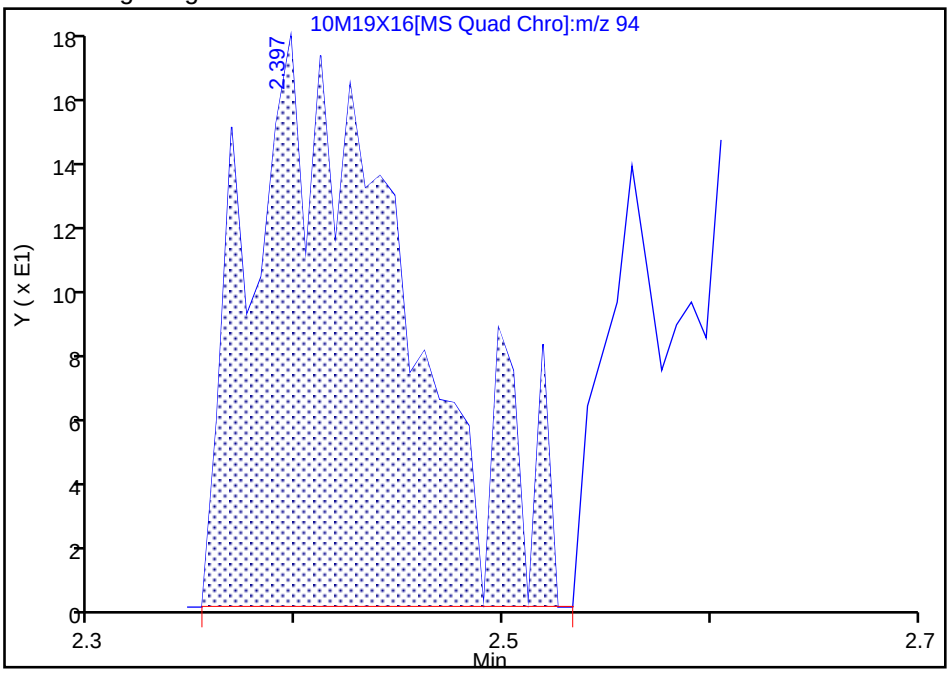
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Lims ID:	410-271309-A-5	Lab Sample ID:	410-271309-5		
Client ID:	1463				
Operator ID:	cv118168	ALS Bottle#:	10	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

8 Bromomethane, CAS: 74-83-9

Signal: 1

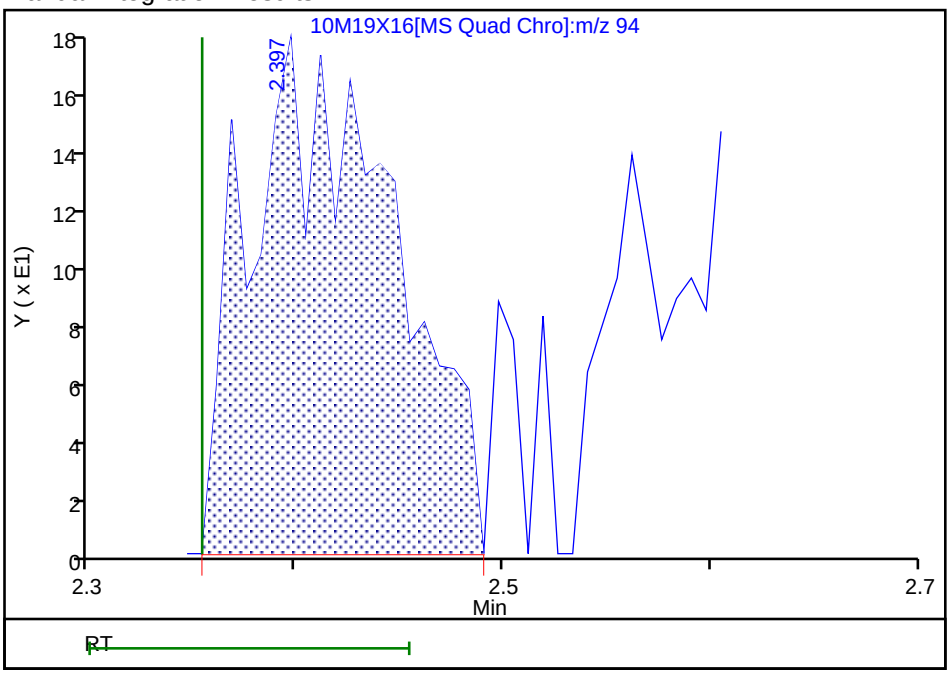
Processing Integration Results

RT: 2.40
Area: 961
Amount: 0.096335
Amount Units: ppb v/v



Manual Integration Results

RT: 2.40
Area: 857
Amount: 0.085909
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:35:10 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

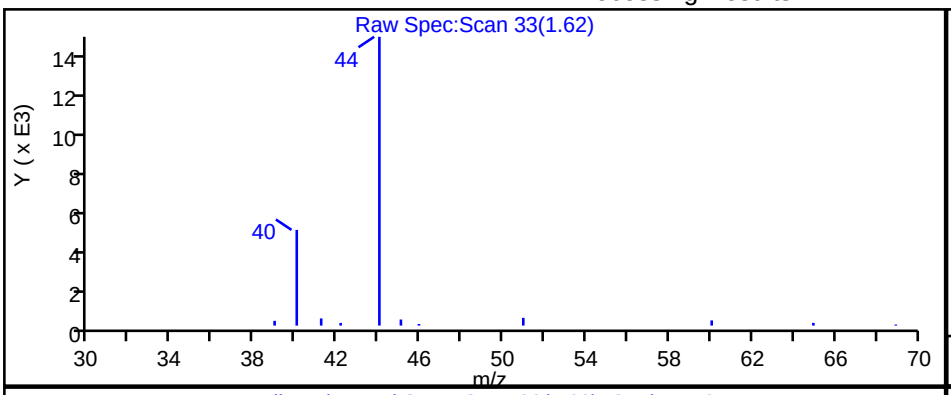
User Disabled Compound Report

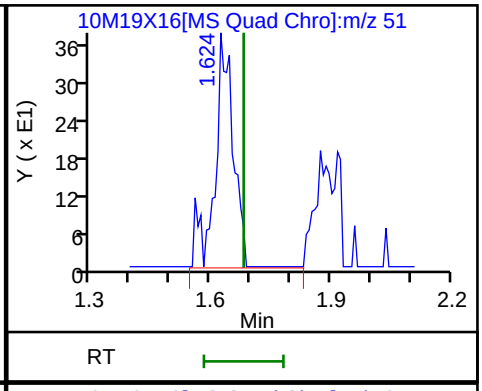
Eurofins Lancaster Laboratories Environment Testing, LLC

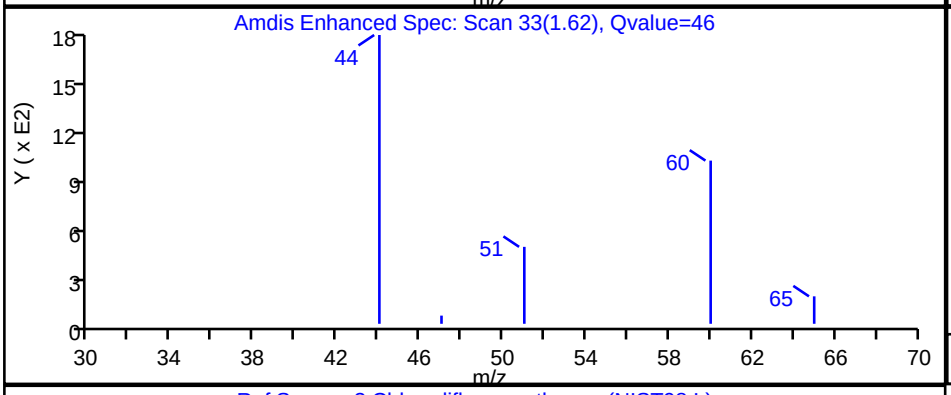
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Injection Date:	19-Mar-2026 20:12:53	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-5	Lab Sample ID:	410-271309-5		
Client ID:	1463				
Operator ID:	cv118168	ALS Bottle#:	10	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

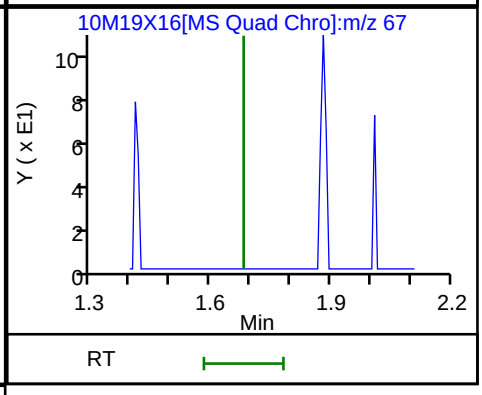
3 Chlorodifluoromethane, CAS: 75-45-6

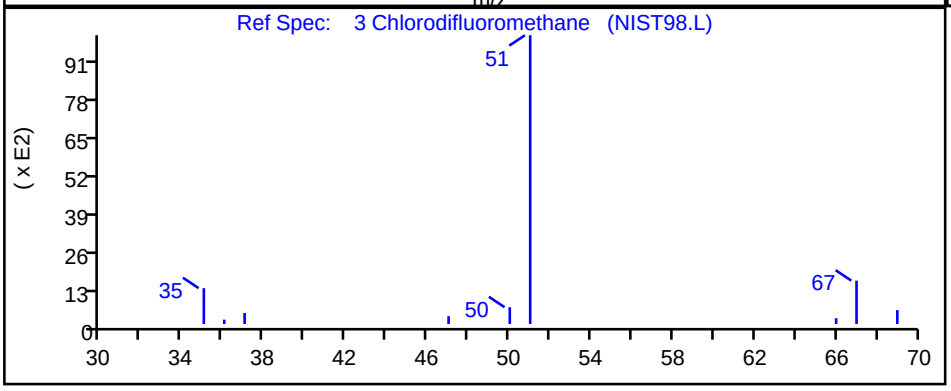
Processing Results











RT	Mass	Response	Amount
1.62	51.00	1191	0.079976
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 17:34:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

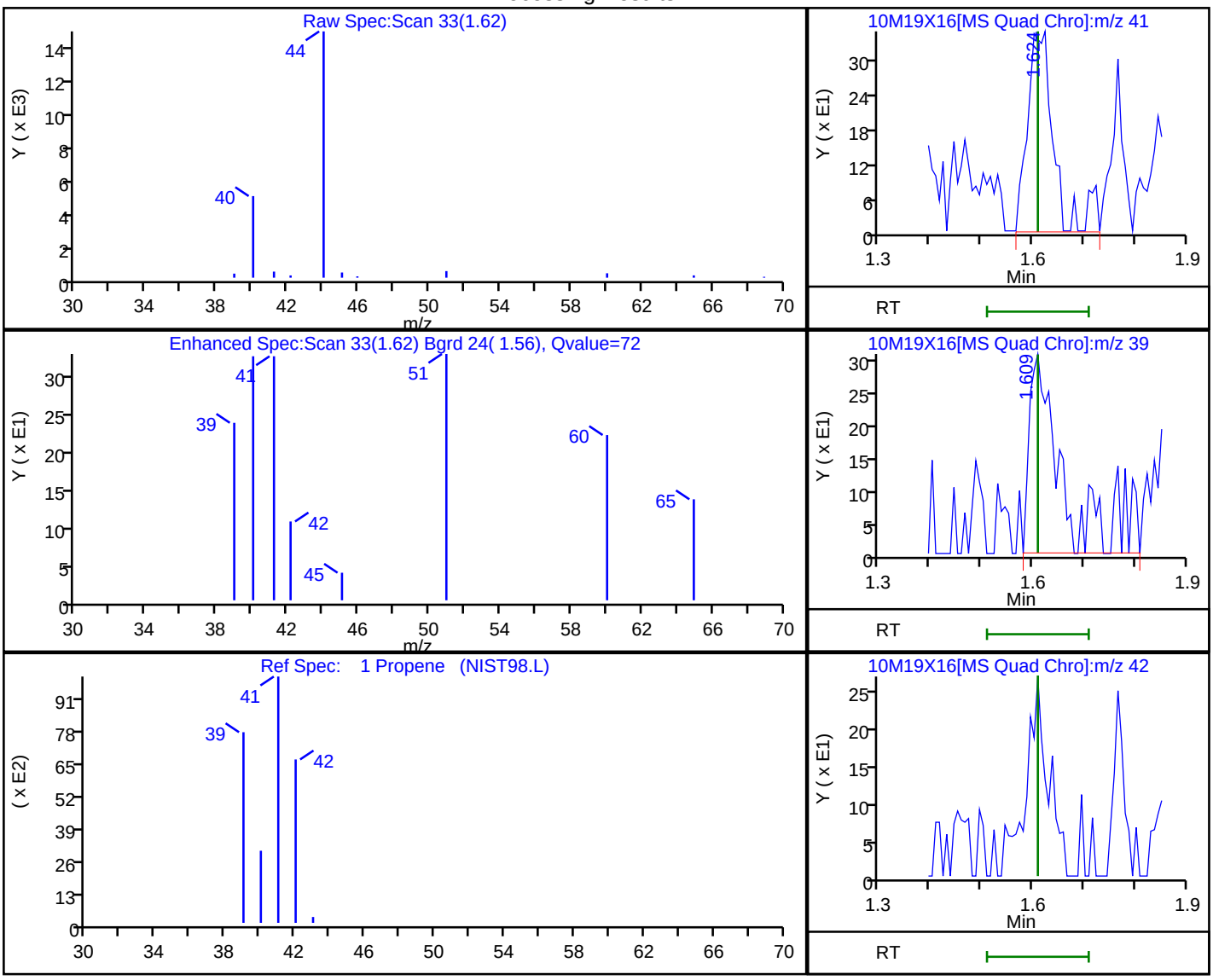
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X16.D				
Injection Date:	19-Mar-2026 20:12:53	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-5	Lab Sample ID:	410-271309-5		
Client ID:	1463				
Operator ID:	cv118168	ALS Bottle#:	10	Worklist Smp#:	15
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Processing Results



RT	Mass	Response	Amount
1.62	41.00	1227	0.158935
1.61	39.00	1451	
1.61	42.00	0	

Reviewer: XU8K, 20-Mar-2026 17:34:54 -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.: 410-271309-1

SDG No.:

Client Sample ID: 3380 Lab Sample ID: 410-271309-6

Matrix: Air Lab File ID: 10M19X17.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 20:36

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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	0.29	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	1.3	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.: 410-271309-1

SDG No.:

Client Sample ID: 3380 Lab Sample ID: 410-271309-6

Matrix: Air Lab File ID: 10M19X17.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 20:36

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271309-1

SDG No.:

Client Sample ID: 3380 Lab Sample ID: 410-271309-6

Matrix: Air Lab File ID: 10M19X17.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 20:36

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	1.5	cn	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\HP4RA38\20260318-179351.b\10M19X17.D
Lims ID: 410-271309-A-6
Client ID: 3380
Sample Type: Client
Inject. Date: 19-Mar-2026 20:36:48 ALS Bottle#: 11 Worklist Smp#: 16
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc3380
Misc. Info.: 410-0179351-016
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 17:37:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	1.616	1.638	0.007	71	1075	0.1403	M
8 Bromomethane	94	2.383	2.412	0.029	8	505	0.0510	7M
23 Acetone	43	3.601	3.608	0.006	99	20099	1.27	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	26050	1.46	M
43 2-Butanone (MEK)	72	5.857	5.850	0.007	99	1792	0.2900	
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	94	137298	10.0	
* 50 1,4-Difluorobenzene	114	7.375	7.383	-0.008	94	560744	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	530201	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

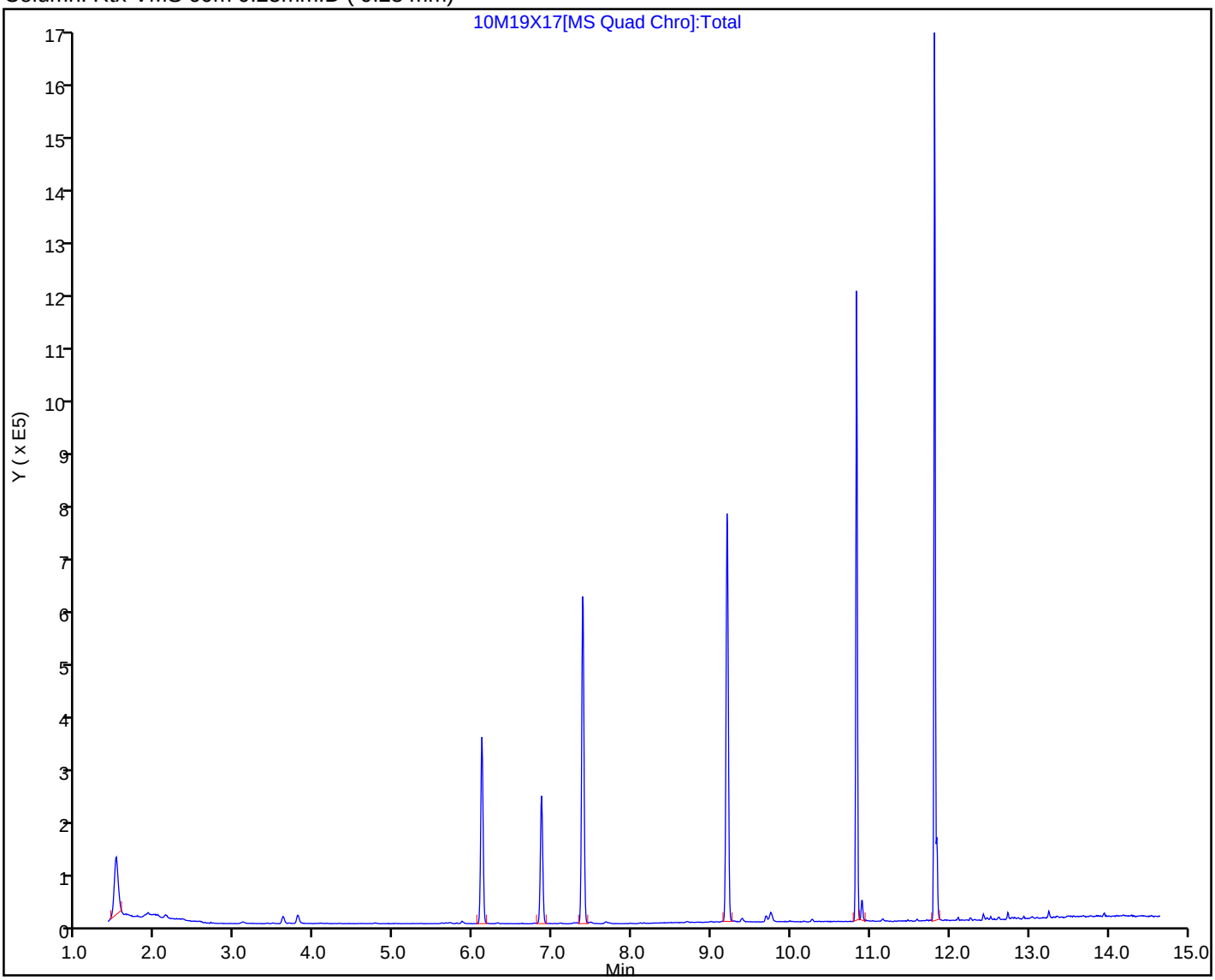
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:10 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 20:36:48	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-6	Lab Sample ID:	410-271309-6		
Client ID:	3380				
Operator ID:	cv118168	ALS Bottle#:	11	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

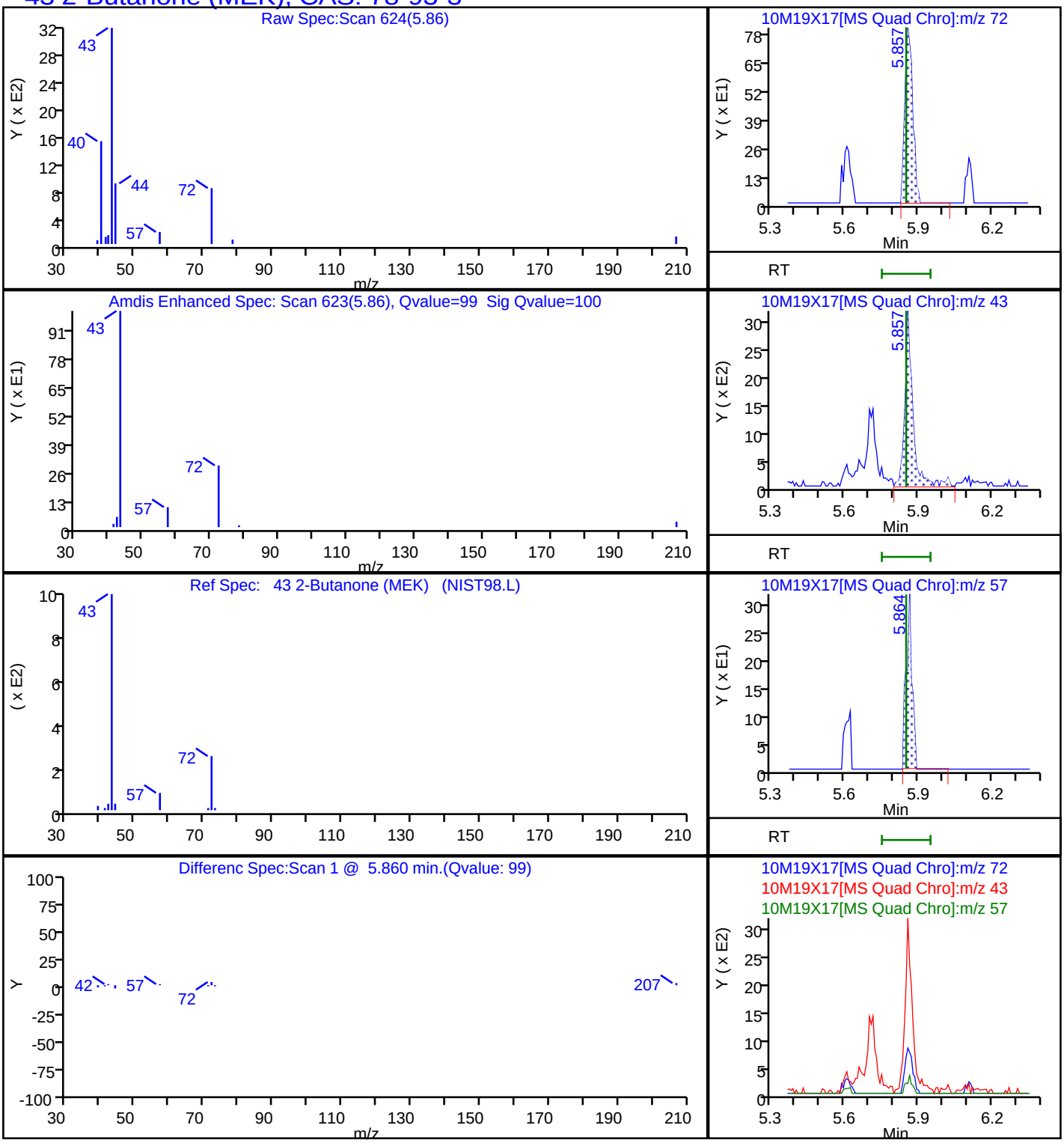


Report Date: 20-Mar-2026 20:38:11 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 20:36:48	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-6	Lab Sample ID:	410-271309-6		
Client ID:	3380				
Operator ID:	cv118168	ALS Bottle#:	11	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

43 2-Butanone (MEK), CAS: 78-93-3

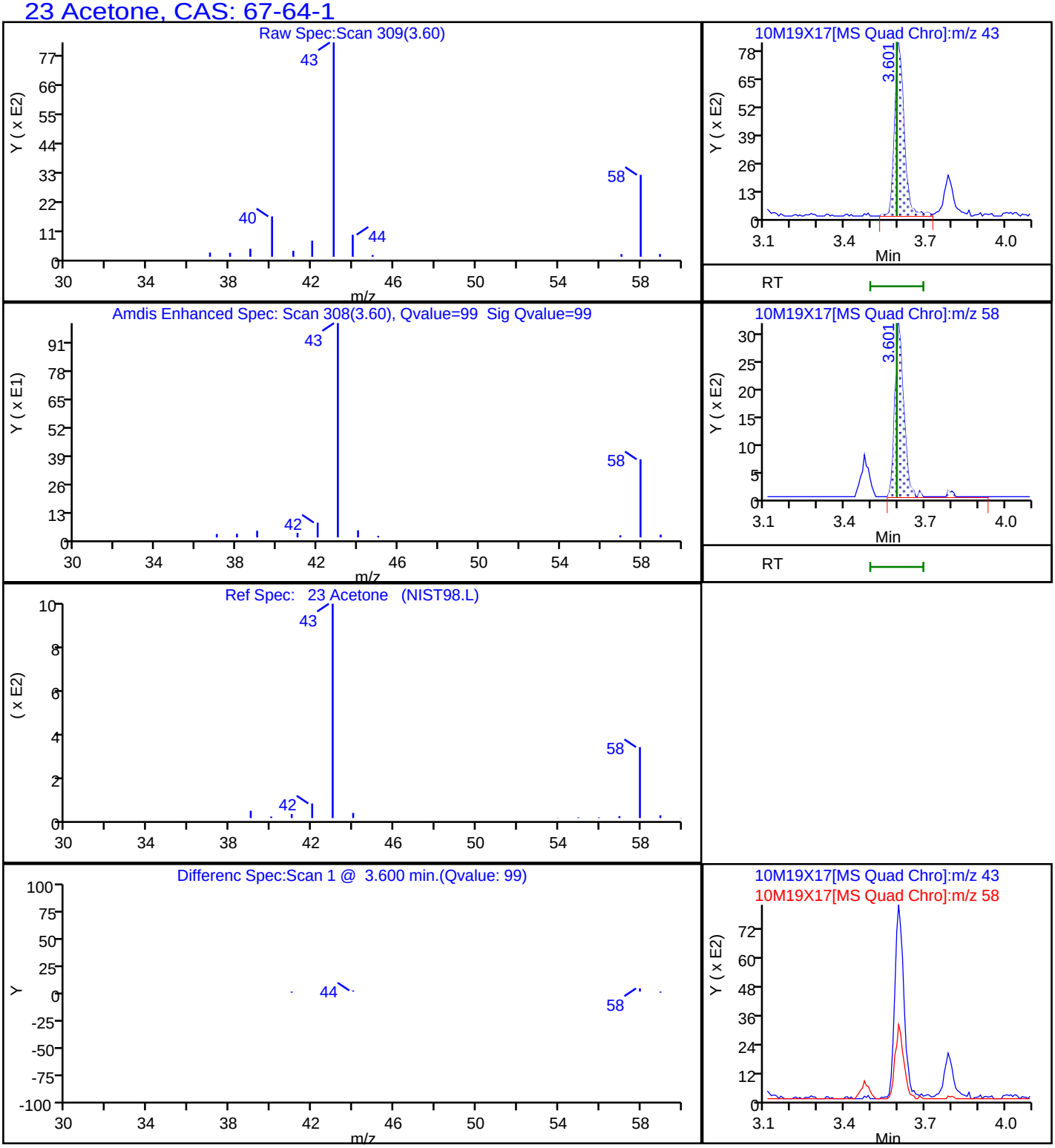


Report Date: 20-Mar-2026 20:38:11 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 20:36:48	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-6	Lab Sample ID:	410-271309-6		
Client ID:	3380				
Operator ID:	cv118168	ALS Bottle#:	11	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetone, CAS: 67-64-1

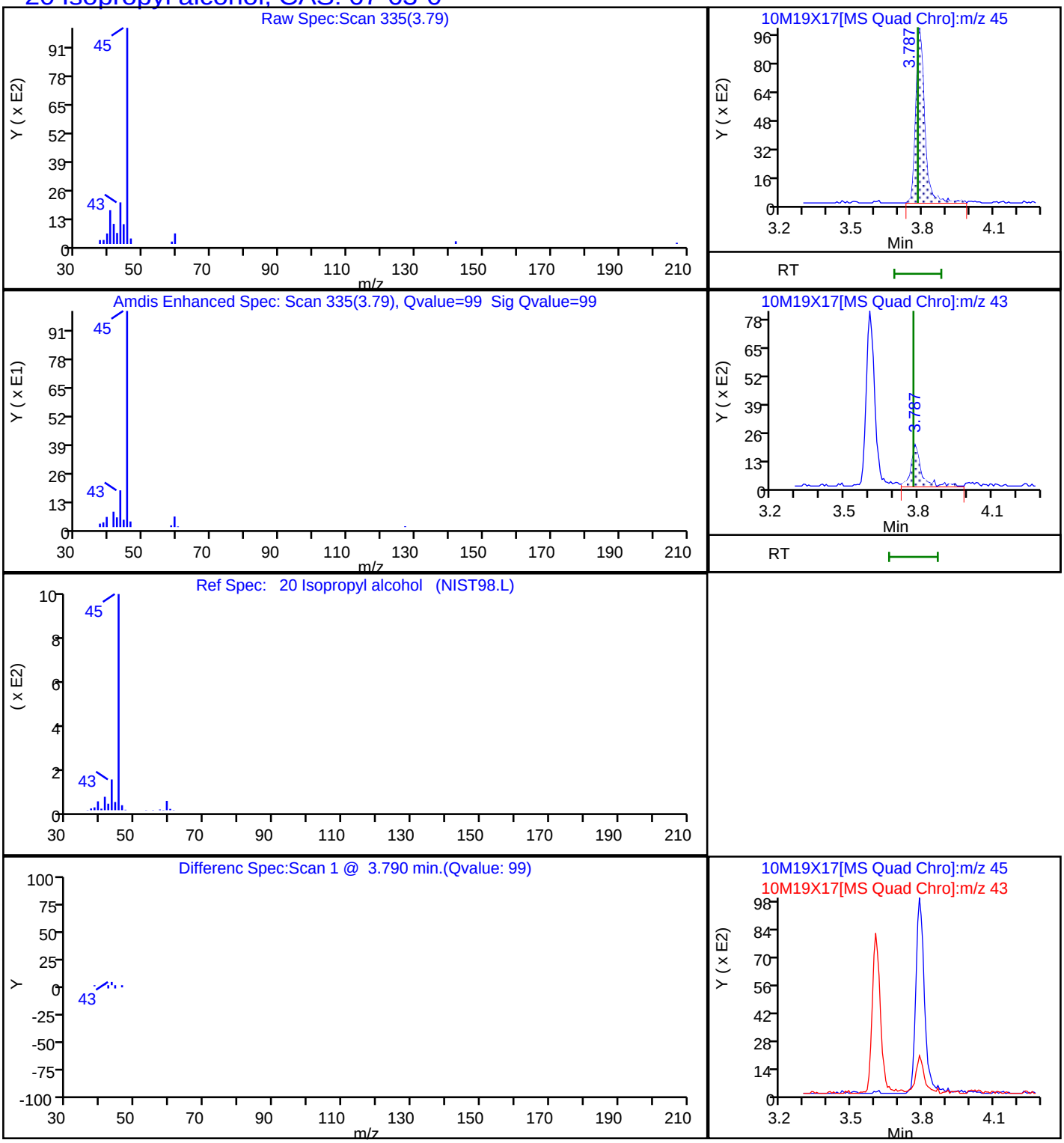


Report Date: 20-Mar-2026 20:38:11 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X17.D				
Injection Date:	19-Mar-2026 20:36:48	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-6	Lab Sample ID:	410-271309-6		
Client ID:	3380				
Operator ID:	cv118168	ALS Bottle#:	11	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0



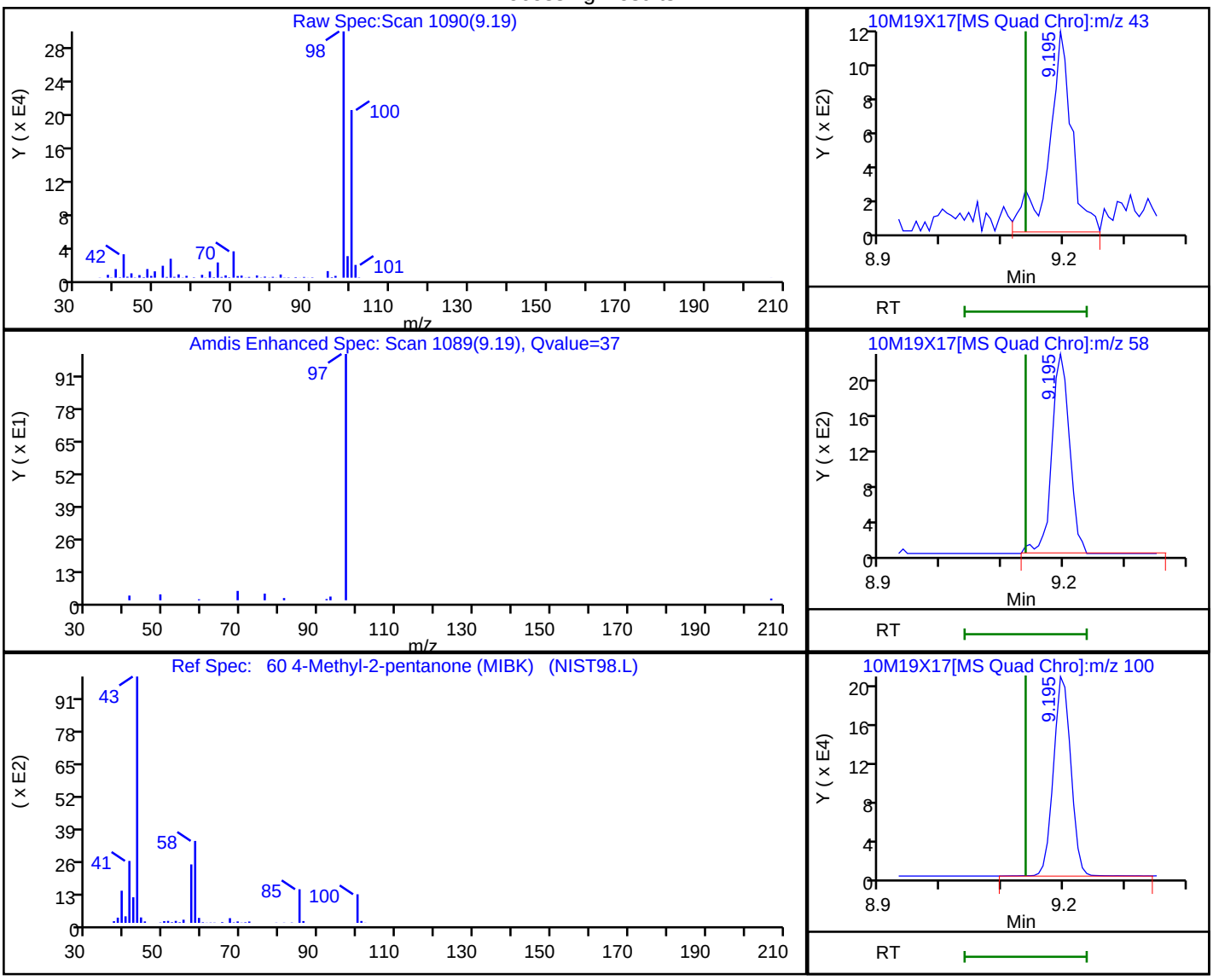
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 20:36:48	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-6	Lab Sample ID:	410-271309-6		
Client ID:	3380				
Operator ID:	cv118168	ALS Bottle#:	11	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.19	43.00	2941	0.111872
9.19	58.00	4545	
9.19	100.00	396558	

Reviewer: XU8K, 20-Mar-2026 17:36:56 -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

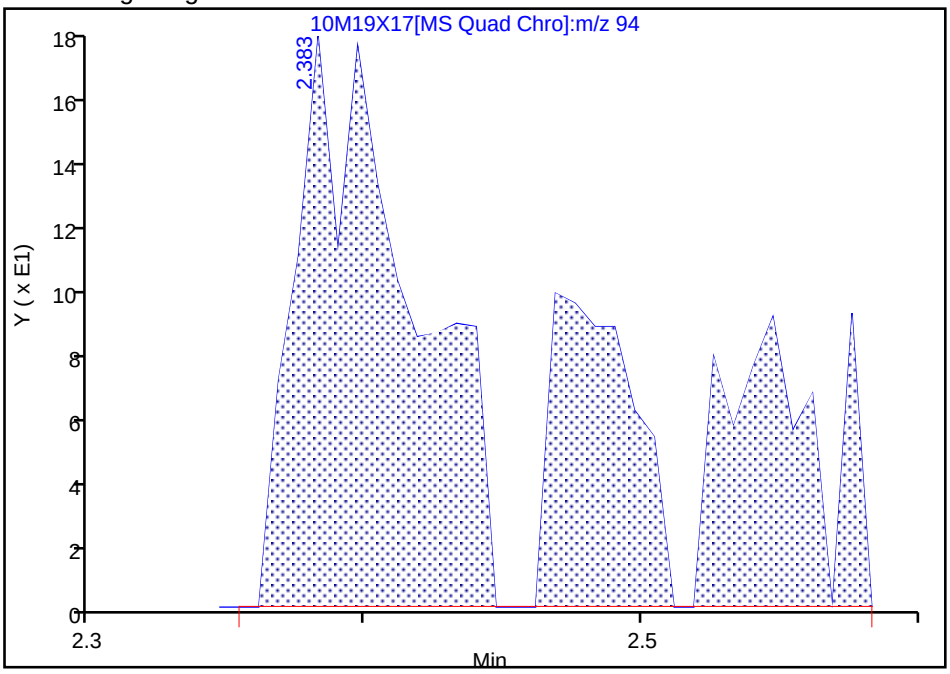
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Injection Date:	19-Mar-2026 20:36:48	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-6	Lab Sample ID:	410-271309-6		
Client ID:	3380				
Operator ID:	cv118168	ALS Bottle#:	11	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

8 Bromomethane, CAS: 74-83-9

Signal: 1

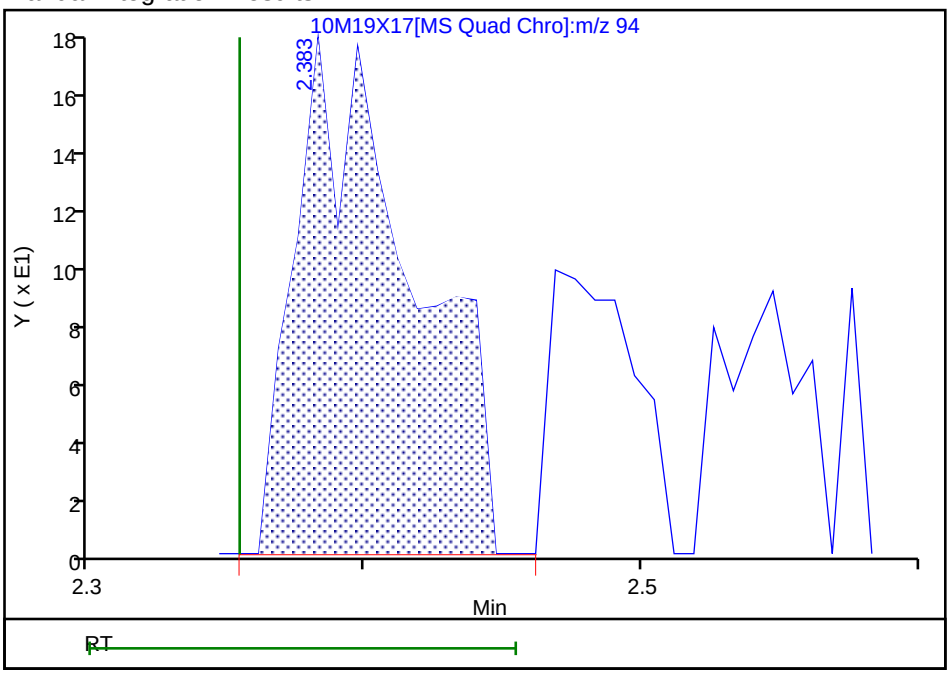
Processing Integration Results

RT: 2.38
Area: 916
Amount: 0.092508
Amount Units: ppb v/v



Manual Integration Results

RT: 2.38
Area: 505
Amount: 0.051001
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:36:27 -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

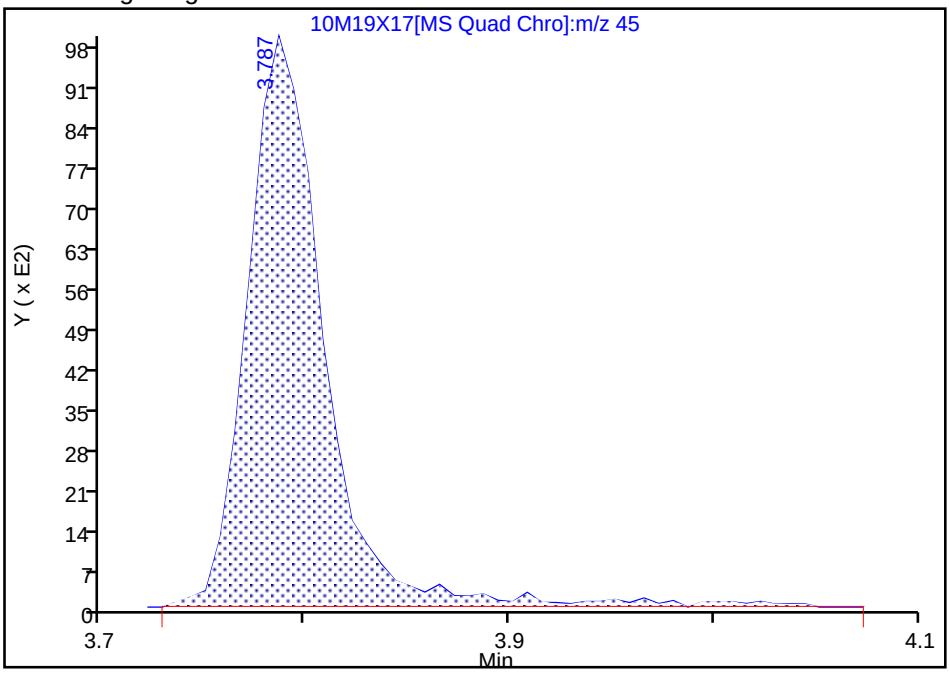
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Injection Date:	19-Mar-2026 20:36:48	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-6	Lab Sample ID:	410-271309-6		
Client ID:	3380				
Operator ID:	cv118168	ALS Bottle#:	11	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

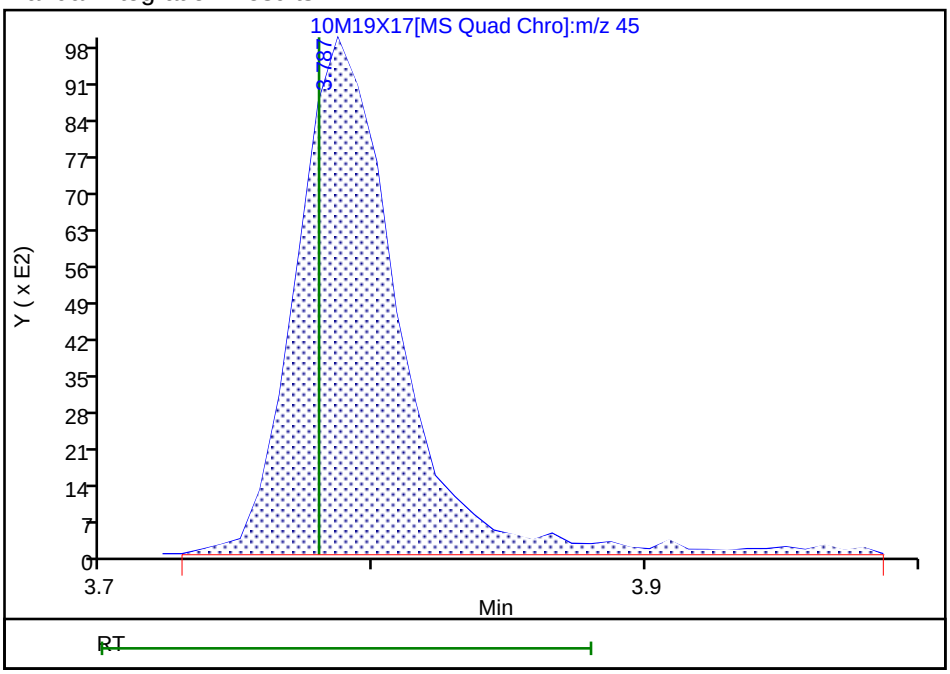
Processing Integration Results

RT: 3.79
Area: 26309
Amount: 1.472807
Amount Units: ppb v/v



Manual Integration Results

RT: 3.79
Area: 26050
Amount: 1.458308
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:36:38 -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

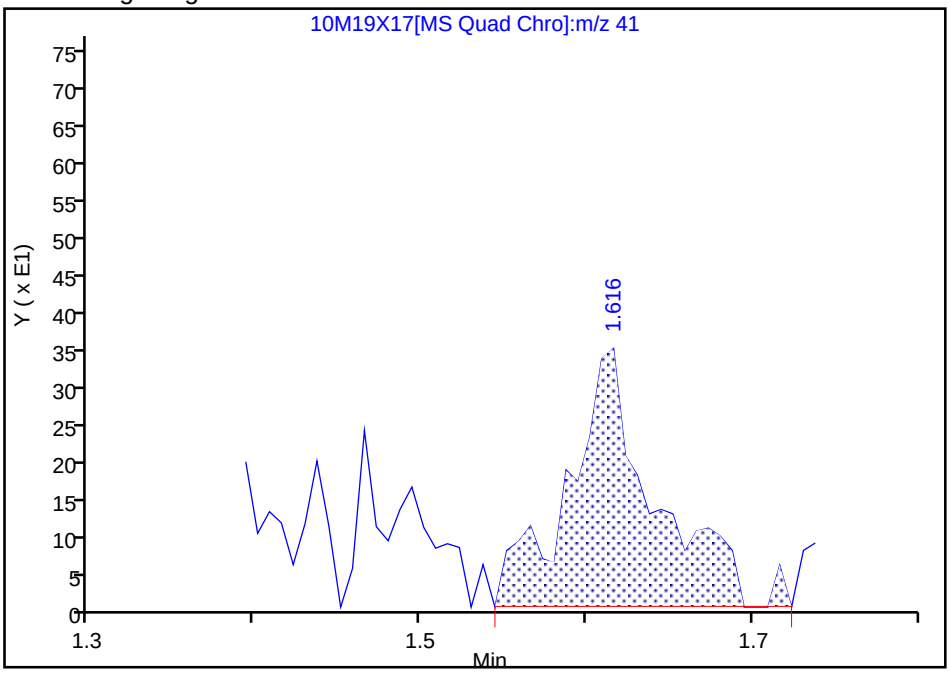
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Injection Date:	19-Mar-2026 20:36:48	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-6	Lab Sample ID:	410-271309-6		
Client ID:	3380				
Operator ID:	cv118168	ALS Bottle#:	11	Worklist Smp#:	16
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

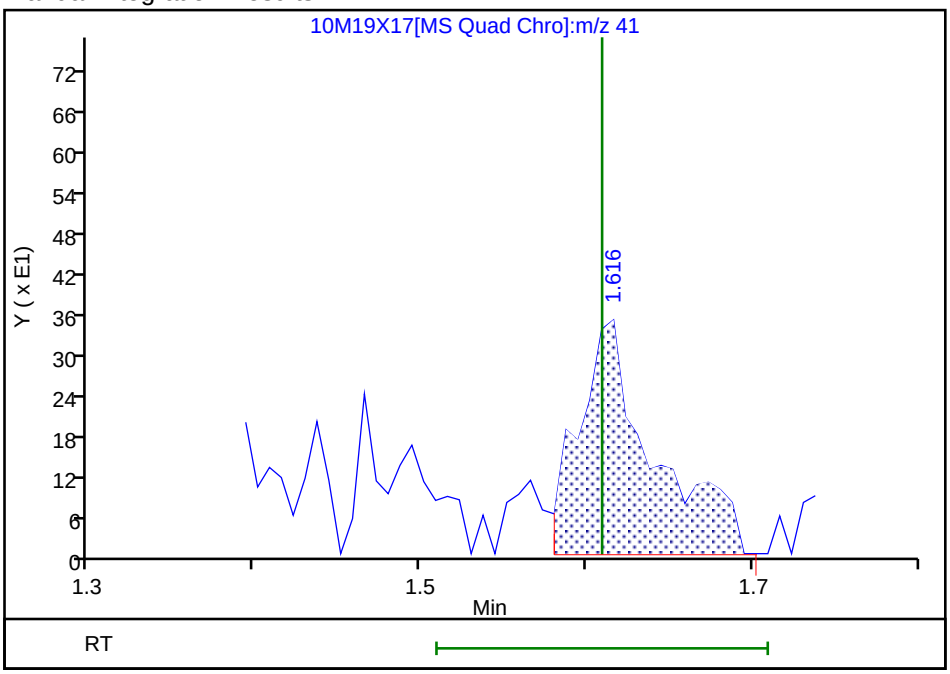
Processing Integration Results

RT: 1.62
Area: 1257
Amount: 0.164036
Amount Units: ppb v/v



Manual Integration Results

RT: 1.62
Area: 1075
Amount: 0.140285
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:36:18 -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.: 410-271309-1

SDG No.:

Client Sample ID: 1809 Lab Sample ID: 410-271309-7

Matrix: Air Lab File ID: 10M19X18.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 21:00

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271309-1

SDG No.:

Client Sample ID: 1809 Lab Sample ID: 410-271309-7

Matrix: Air Lab File ID: 10M19X18.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 21:00

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271309-1

SDG No.:

Client Sample ID: 1809 Lab Sample ID: 410-271309-7

Matrix: Air Lab File ID: 10M19X18.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 21:00

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	1.1	cn	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\HP4RA38\20260318-179351.b\10M19X18.D				
Lims ID:	410-271309-A-7				
Client ID:	1809				
Sample Type:	Client				
Inject. Date:	19-Mar-2026 21:00:46	ALS Bottle#:	12	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Sample Info:	cc1809				
Misc. Info.:	410-0179351-017				
Operator ID:	cv118168	Instrument ID:	HP4RA38		
Method:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m				
Limit Group:	MSV - TO15				
Last Update:	20-Mar-2026 18:34:03	Calib Date:	07-Feb-2026 16:55:22		
Integrator:	Falcon	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D				
Column 1 :	Rtx-VMS 60m 0.25mmID (0.25 mm)		Det: MS Quad		
Process Host:	CTX1625				
First Level Reviewer: XU8K		Date:	20-Mar-2026 17:38:20		

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
8 Bromomethane	94	2.397	2.412	0.043	5	544	0.0546	7M
23 Acetone	43	3.608	3.608	0.014	98	8403	0.5267	M
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	19097	1.06	M
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	94	138106	10.0	
* 50 1,4-Difluorobenzene	114	7.375	7.383	-0.008	94	557368	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	86	549569	10.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

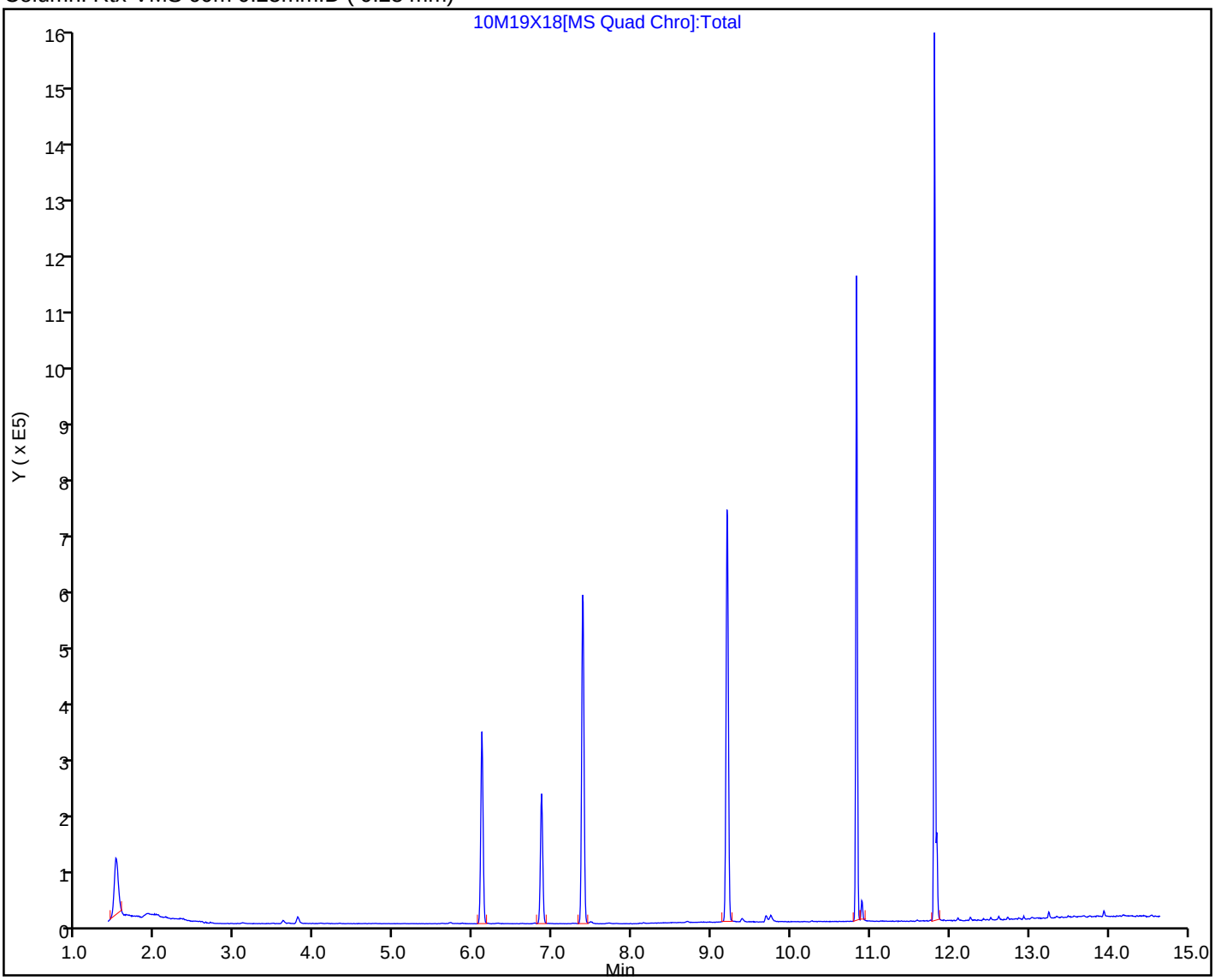
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:13 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 21:00:46	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-7	Lab Sample ID:	410-271309-7		
Client ID:	1809				
Operator ID:	cv118168	ALS Bottle#:	12	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

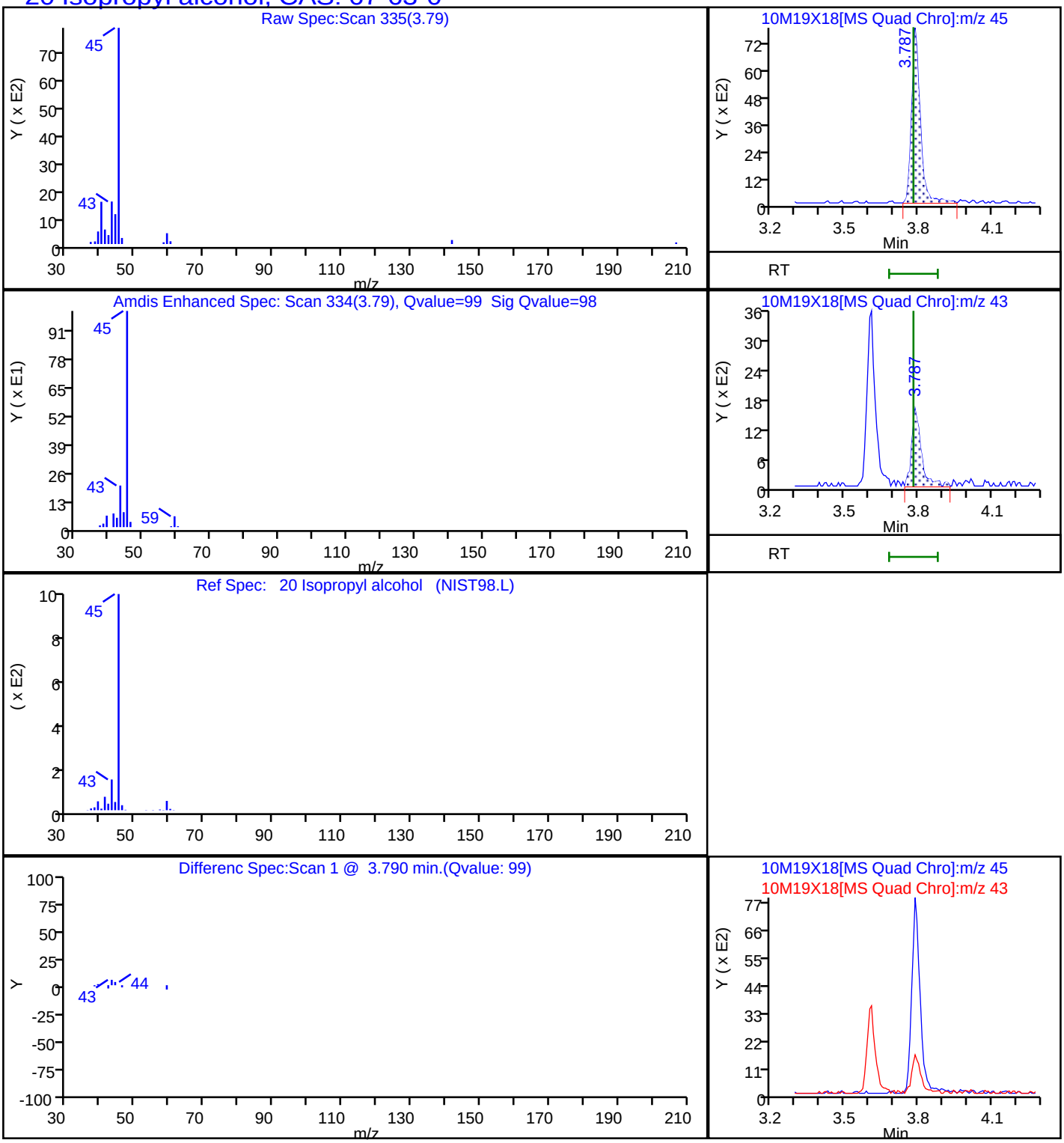


Report Date: 20-Mar-2026 20:38:13 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X18.D				
Injection Date:	19-Mar-2026 21:00:46	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-7	Lab Sample ID:	410-271309-7		
Client ID:	1809				
Operator ID:	cv118168	ALS Bottle#:	12	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0



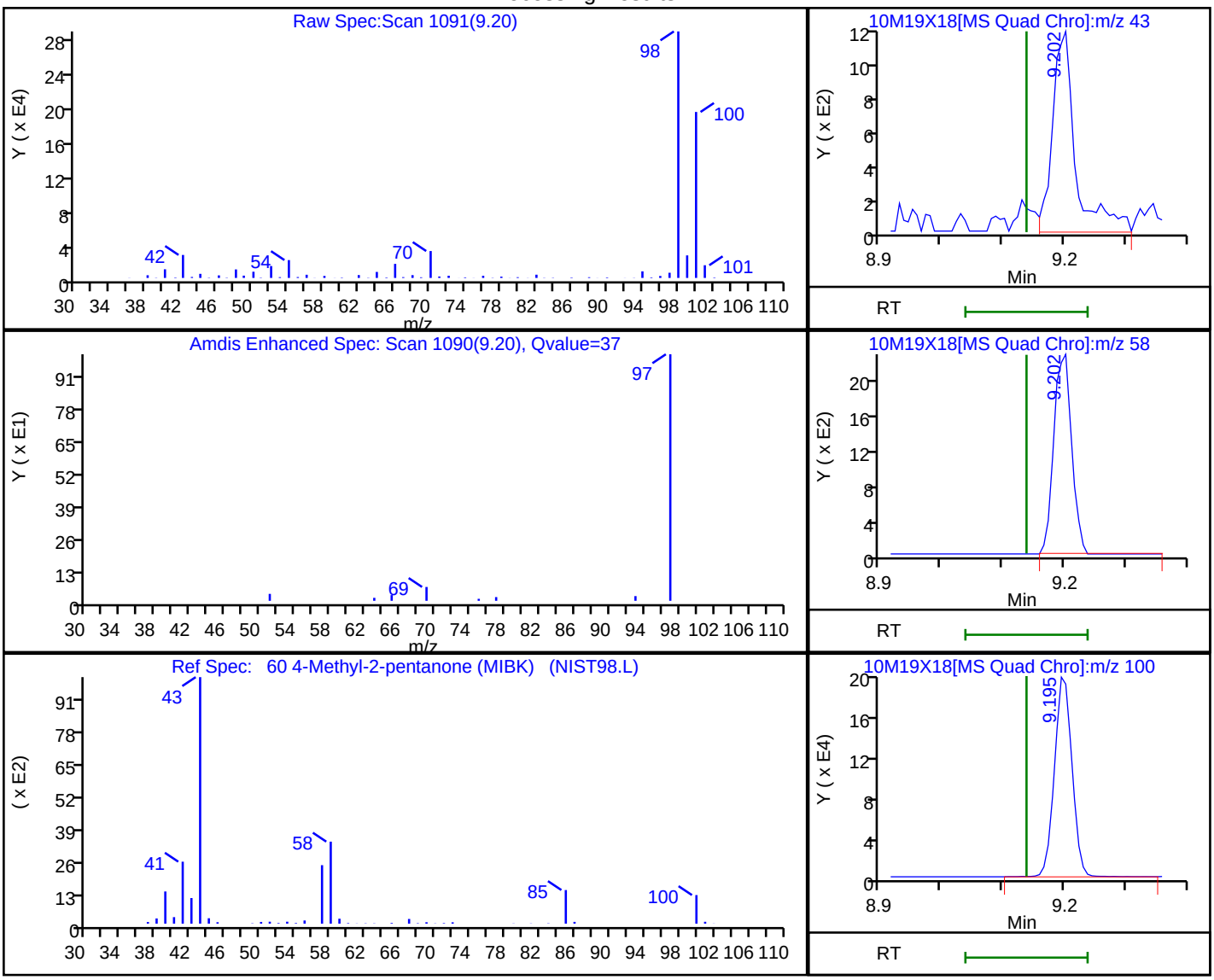
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 21:00:46	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-7	Lab Sample ID:	410-271309-7		
Client ID:	1809				
Operator ID:	cv118168	ALS Bottle#:	12	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.20	43.00	2854	0.109220
9.20	58.00	4657	
9.19	100.00	392616	

Reviewer: XU8K, 20-Mar-2026 17:37:16 -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

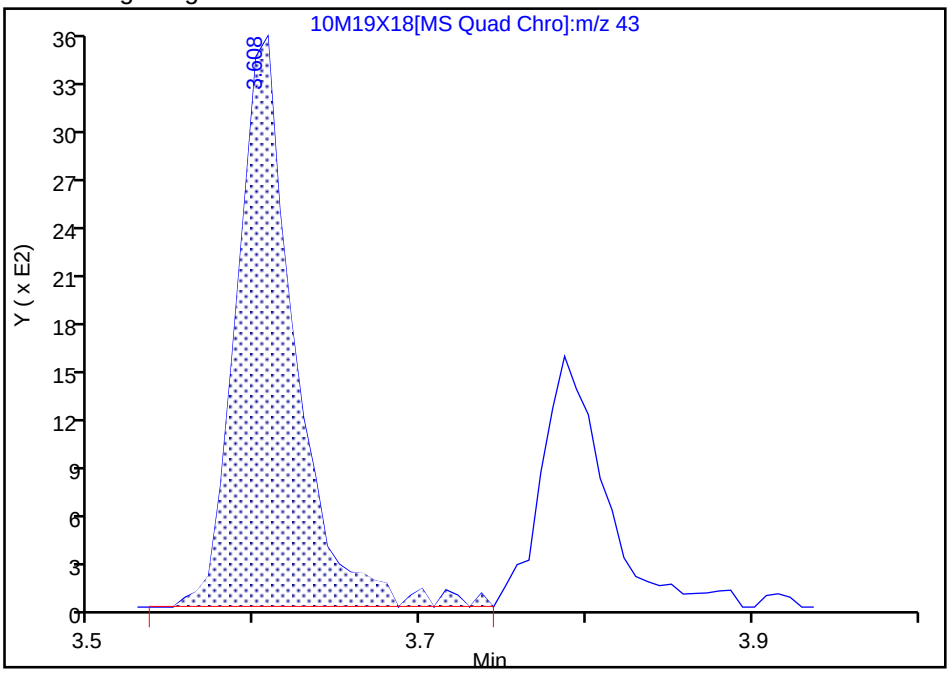
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Injection Date:	19-Mar-2026 21:00:46	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-7	Lab Sample ID:	410-271309-7		
Client ID:	1809				
Operator ID:	cv118168	ALS Bottle#:	12	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

23 Acetone, CAS: 67-64-1

Signal: 1

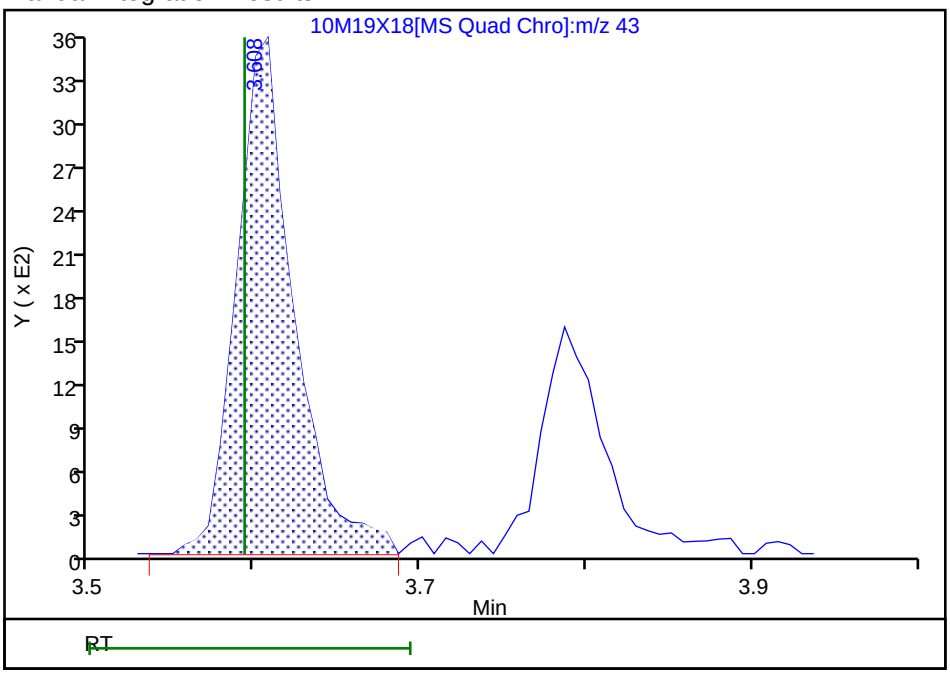
Processing Integration Results

RT: 3.61
Area: 8598
Amount: 0.538965
Amount Units: ppb v/v



Manual Integration Results

RT: 3.61
Area: 8403
Amount: 0.526741
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:38:17 -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

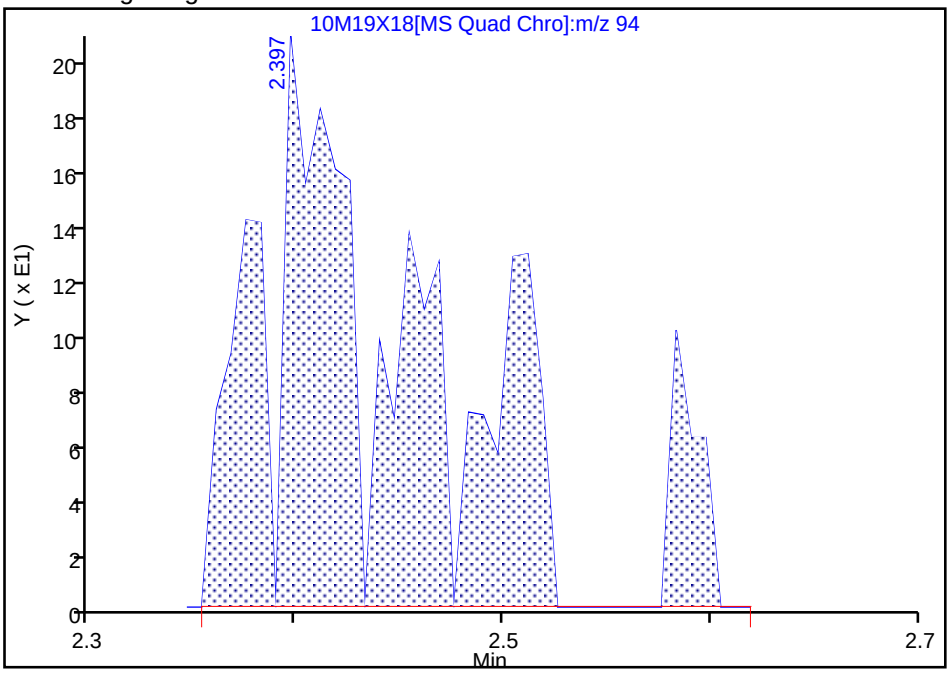
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X18.D				
Injection Date:	19-Mar-2026 21:00:46	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-7	Lab Sample ID:	410-271309-7		
Client ID:	1809				
Operator ID:	cv118168	ALS Bottle#:	12	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

8 Bromomethane, CAS: 74-83-9

Signal: 1

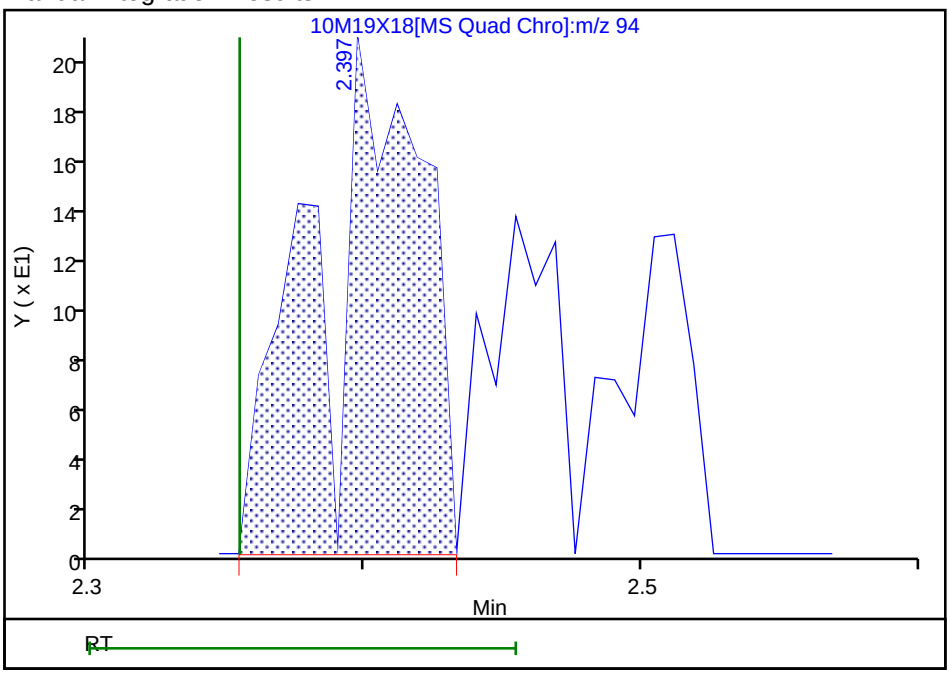
Processing Integration Results

RT: 2.40
Area: 1081
Amount: 0.108533
Amount Units: ppb v/v



Manual Integration Results

RT: 2.40
Area: 544
Amount: 0.054618
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:38:03 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

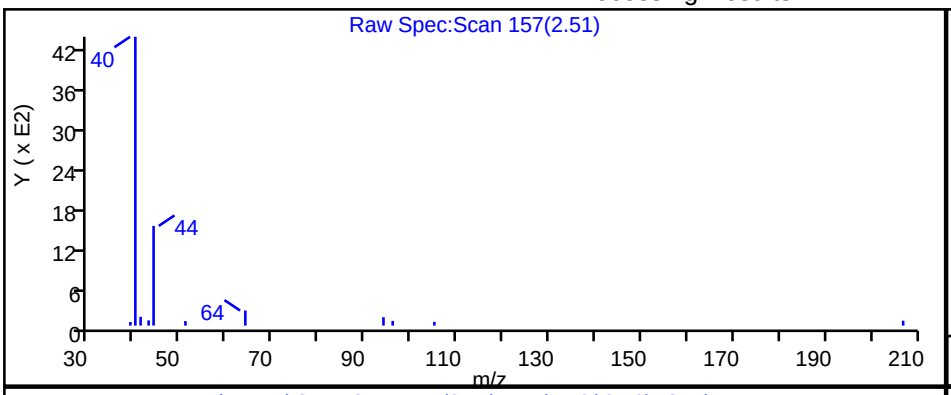
User Disabled Compound Report

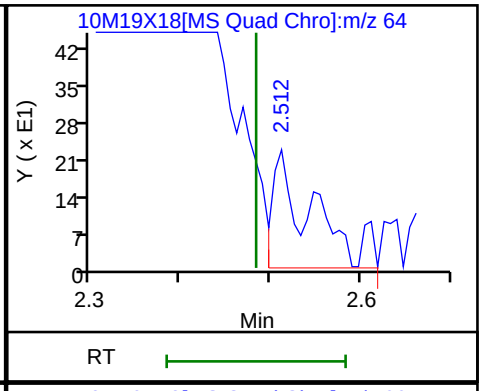
Eurofins Lancaster Laboratories Environment Testing, LLC

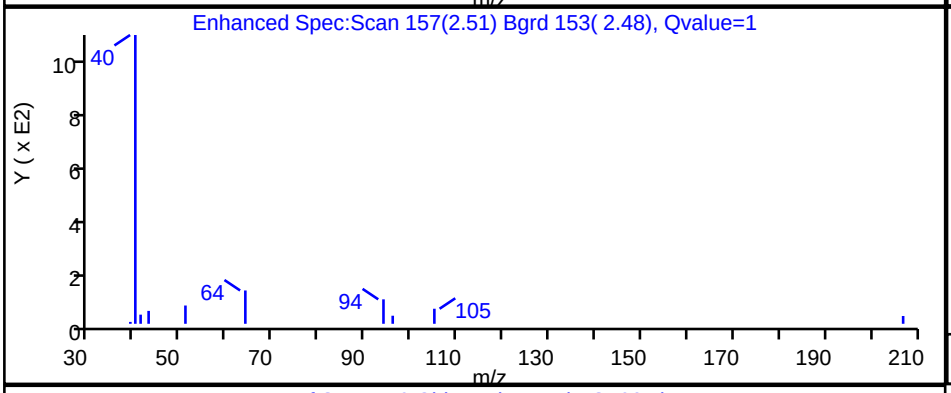
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Client ID:	1809				
Operator ID:	cv118168	ALS Bottle#:	12	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

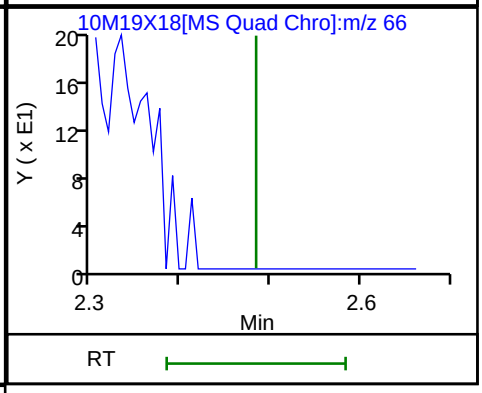
9 Chloroethane, CAS: 75-00-3

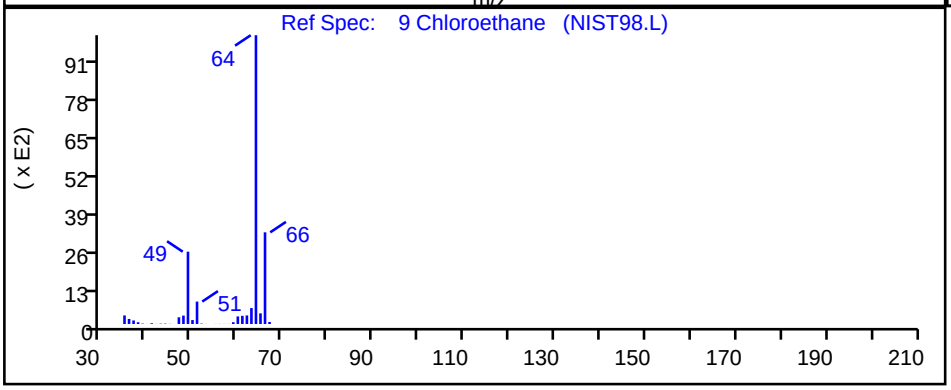
Processing Results











RT	Mass	Response	Amount
2.51	64.00	672	0.099133
2.48	66.00	0	

Reviewer: XU8K, 20-Mar-2026 17:37:56 -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

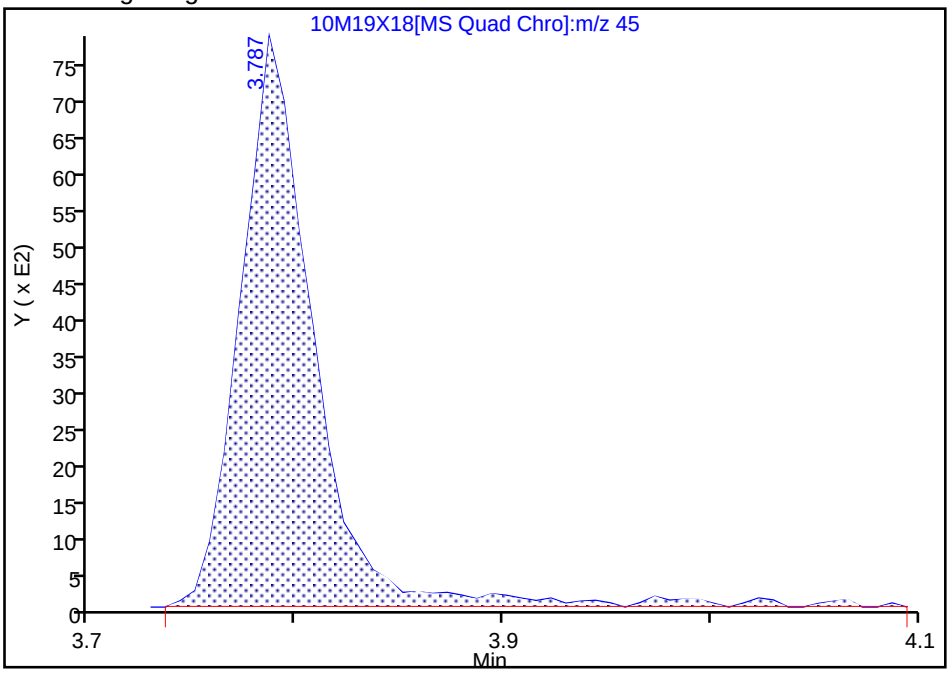
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Injection Date:	19-Mar-2026 21:00:46	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-7	Lab Sample ID:	410-271309-7		
Client ID:	1809				
Operator ID:	cv118168	ALS Bottle#:	12	Worklist Smp#:	17
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

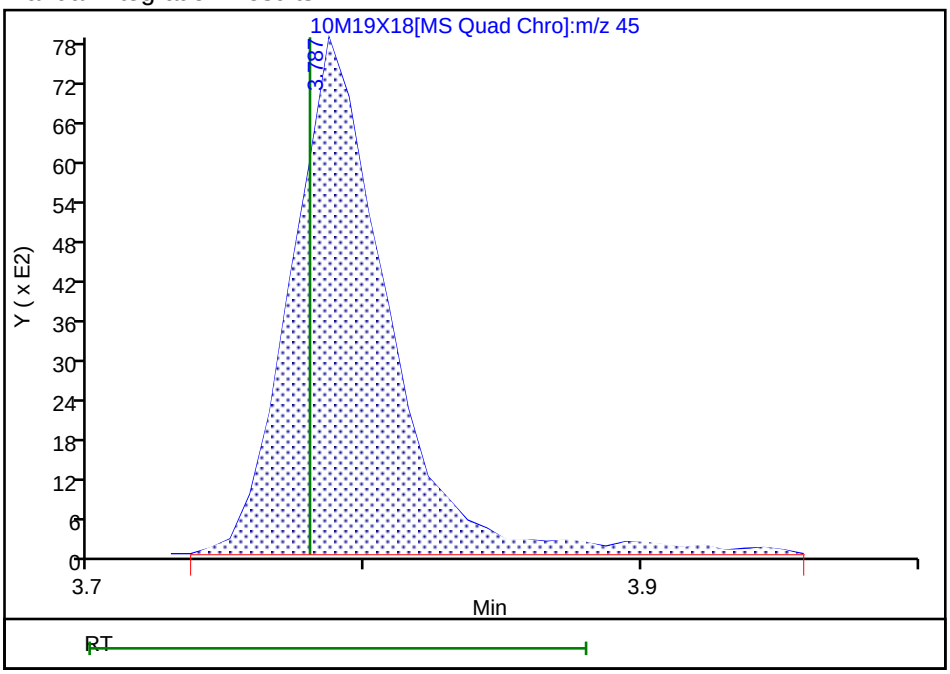
Processing Integration Results

RT: 3.79
Area: 19589
Amount: 1.090198
Amount Units: ppb v/v



Manual Integration Results

RT: 3.79
Area: 19097
Amount: 1.062817
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:37:43 -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.: 410-271309-1

SDG No.:

Client Sample ID: 5413 Lab Sample ID: 410-271309-8

Matrix: Air Lab File ID: 10M19X19.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 21:24

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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	0.24	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	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
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.: 410-271309-1

SDG No.:

Client Sample ID: 5413 Lab Sample ID: 410-271309-8

Matrix: Air Lab File ID: 10M19X19.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 21:24

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271309-1

SDG No.:

Client Sample ID: 5413 Lab Sample ID: 410-271309-8

Matrix: Air Lab File ID: 10M19X19.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 21:24

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	1.2	cn	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

Report Date: 20-Mar-2026 20:38:14 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X19.D
Lims ID: 410-271309-A-8
Client ID: 5413
Sample Type: Client
Inject. Date: 19-Mar-2026 21:24:42 ALS Bottle#: 13 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc5413
Misc. Info.: 410-0179351-018
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 17:39:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	1.609	1.638	0.000	71	890	0.1159	M
8 Bromomethane	94	2.404	2.412	0.050	16	658	0.0663	7M
23 Acetone	43	3.601	3.608	0.006	99	19776	1.24	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	22126	1.24	M
43 2-Butanone (MEK)	72	5.864	5.850	0.014	98	1474	0.2381	
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	94	137531	10.0	
* 50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	564787	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	89	552796	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

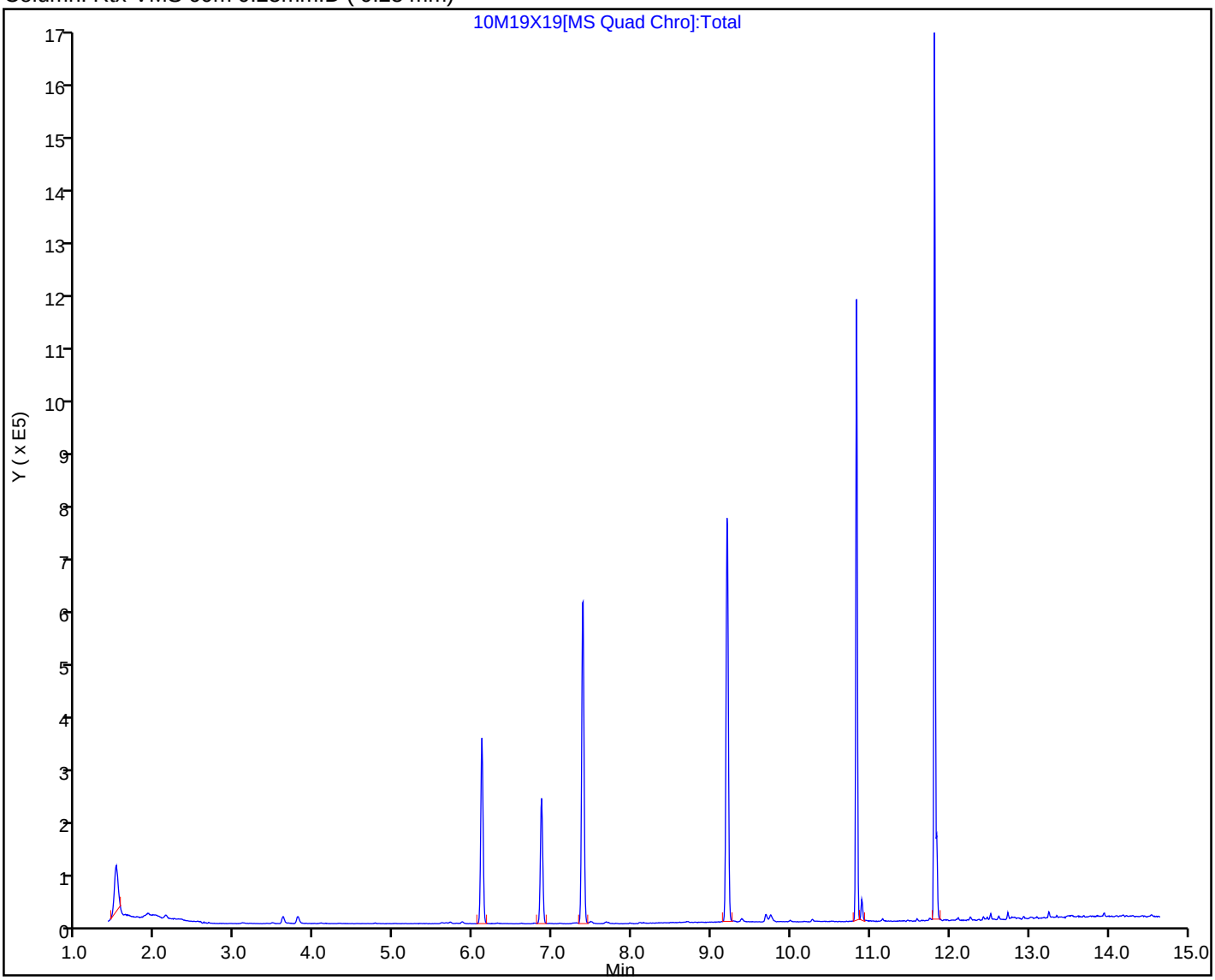
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:14 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X19.D				
Injection Date:	19-Mar-2026 21:24:42	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-8	Lab Sample ID:	410-271309-8		
Client ID:	5413				
Operator ID:	cv118168	ALS Bottle#:	13	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

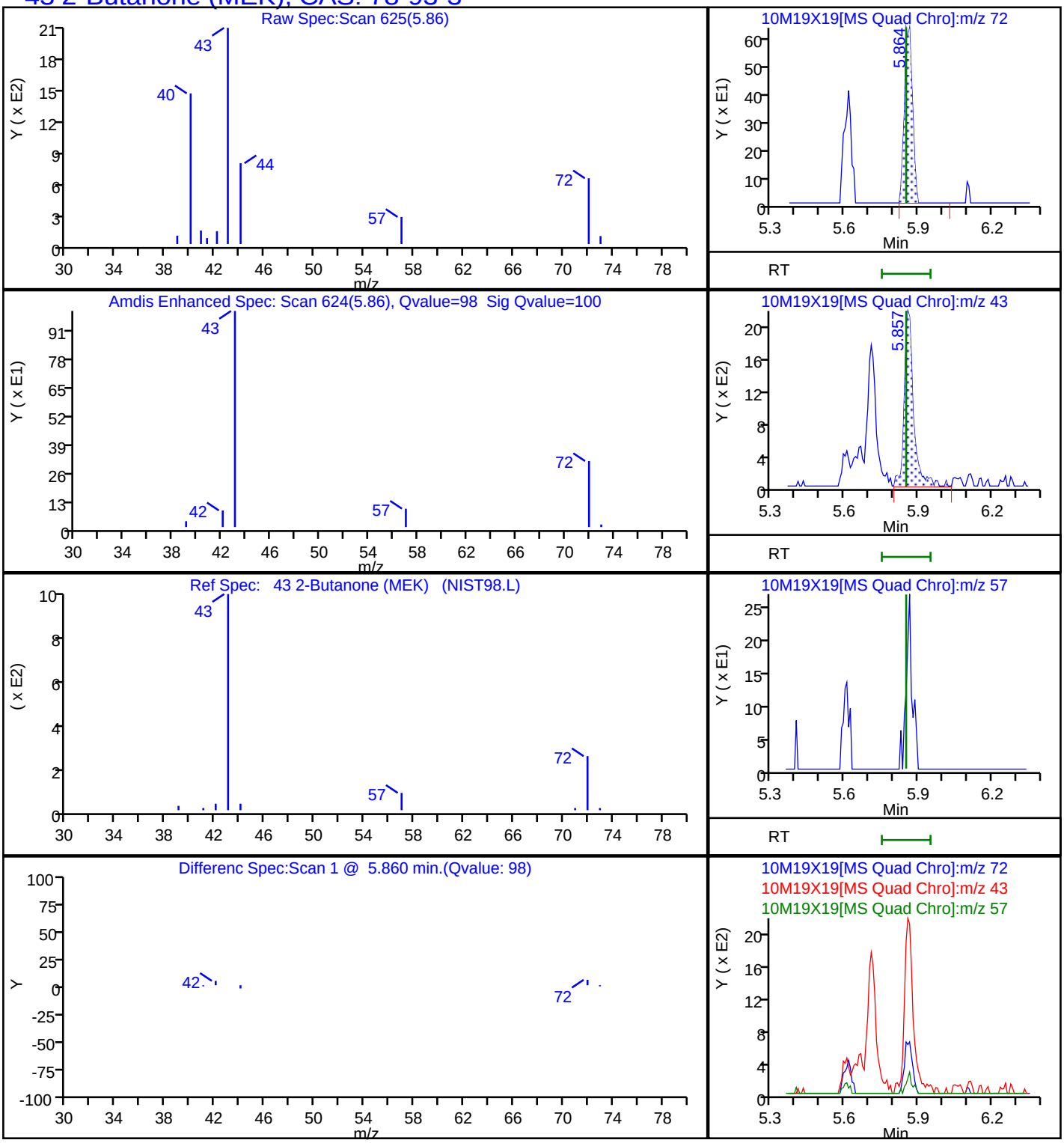


Report Date: 20-Mar-2026 20:38:15 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X19.D				
Injection Date:	19-Mar-2026 21:24:42	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-8	Lab Sample ID:	410-271309-8		
Client ID:	5413				
Operator ID:	cv118168	ALS Bottle#:	13	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

43 2-Butanone (MEK), CAS: 78-93-3

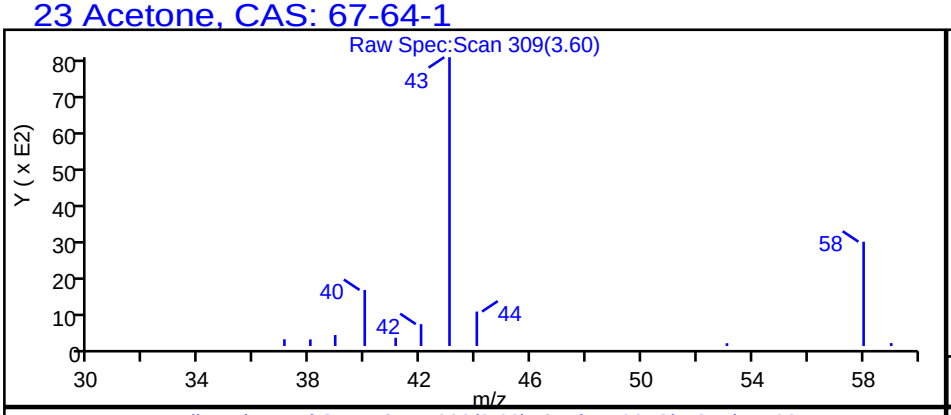


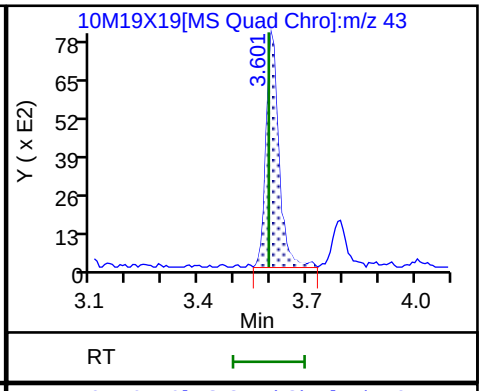
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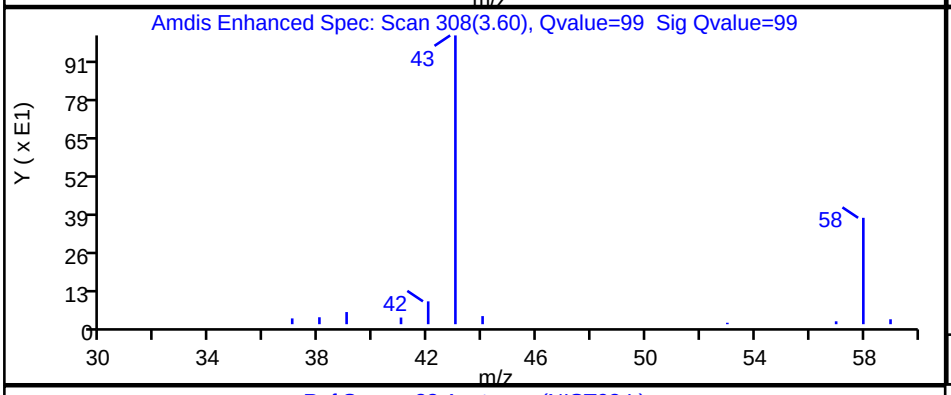
Eurofins Lancaster Laboratories Environment Testing, LLC

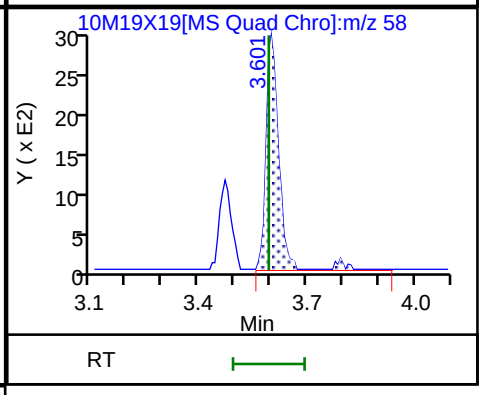
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Injection Date:	19-Mar-2026 21:24:42	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-8	Lab Sample ID:	410-271309-8		
Client ID:	5413				
Operator ID:	cv118168	ALS Bottle#:	13	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

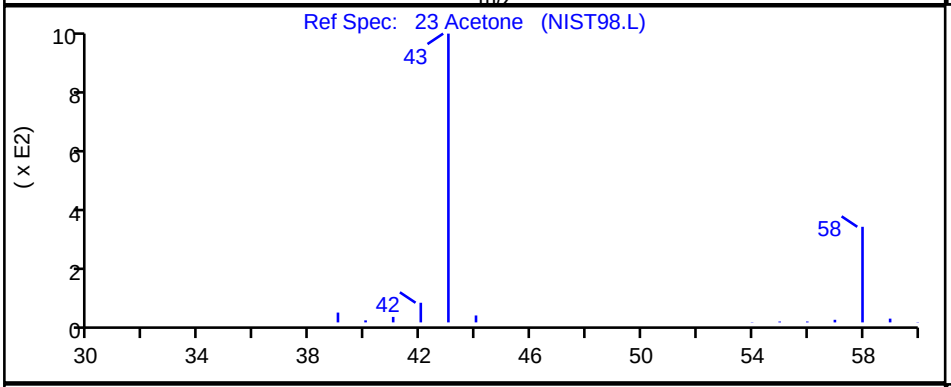
23 Acetone, CAS: 67-64-1

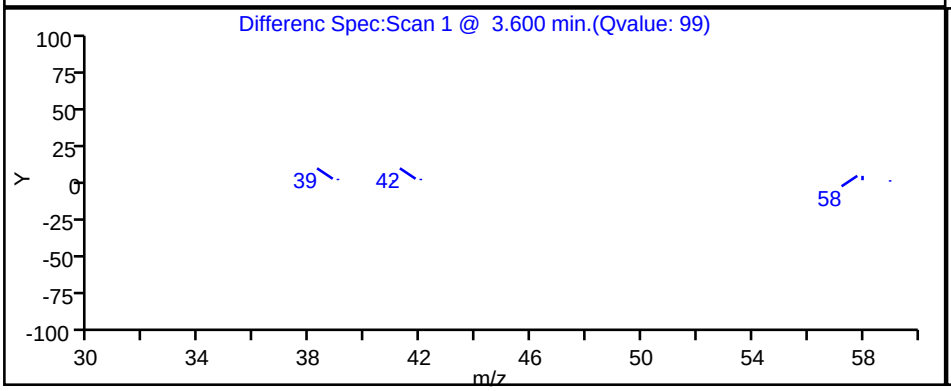


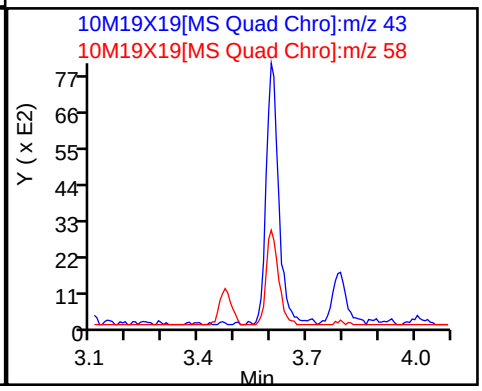










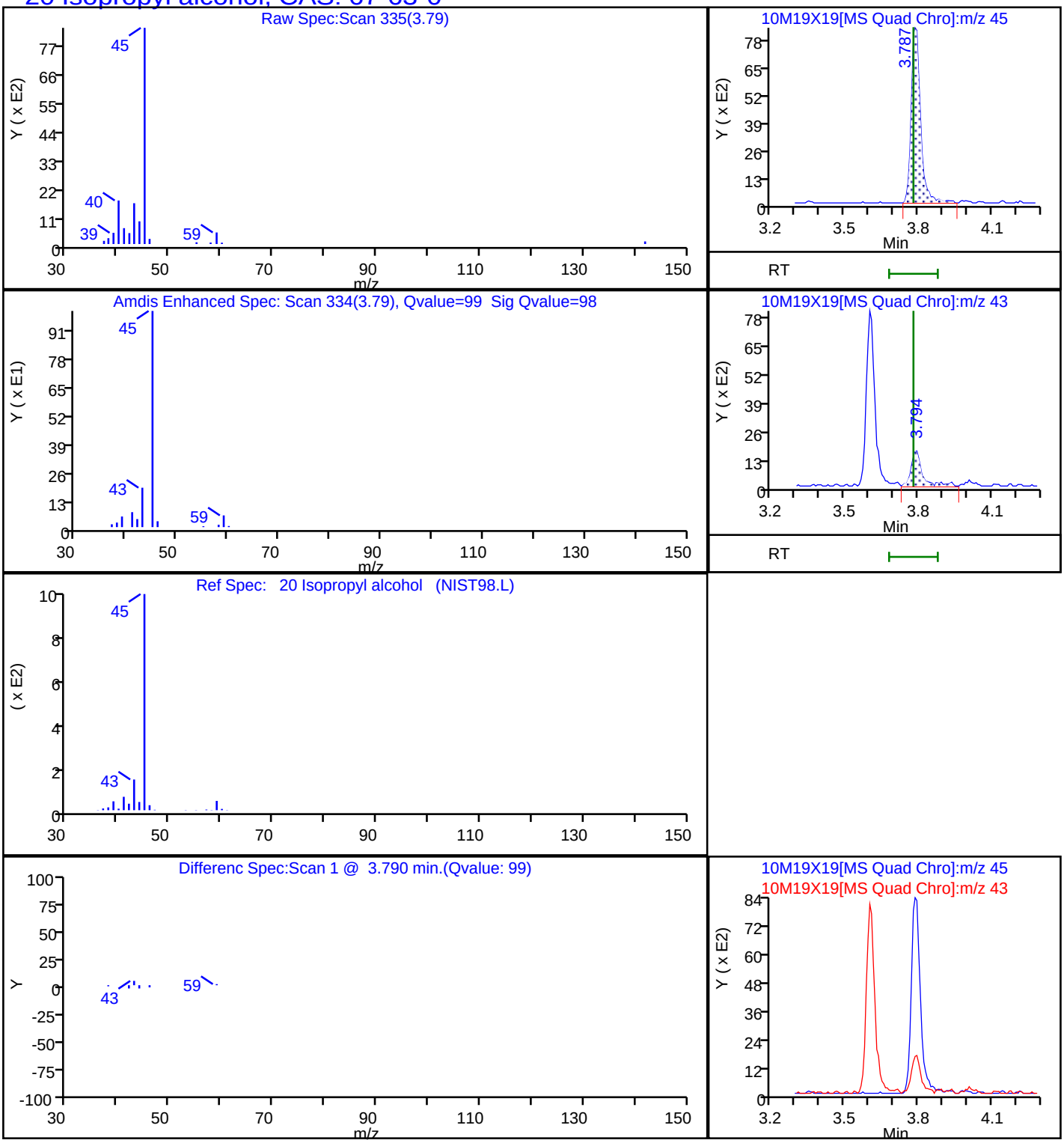


Report Date: 20-Mar-2026 20:38:15 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X19.D				
Injection Date:	19-Mar-2026 21:24:42	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-8	Lab Sample ID:	410-271309-8		
Client ID:	5413				
Operator ID:	cv118168	ALS Bottle#:	13	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0



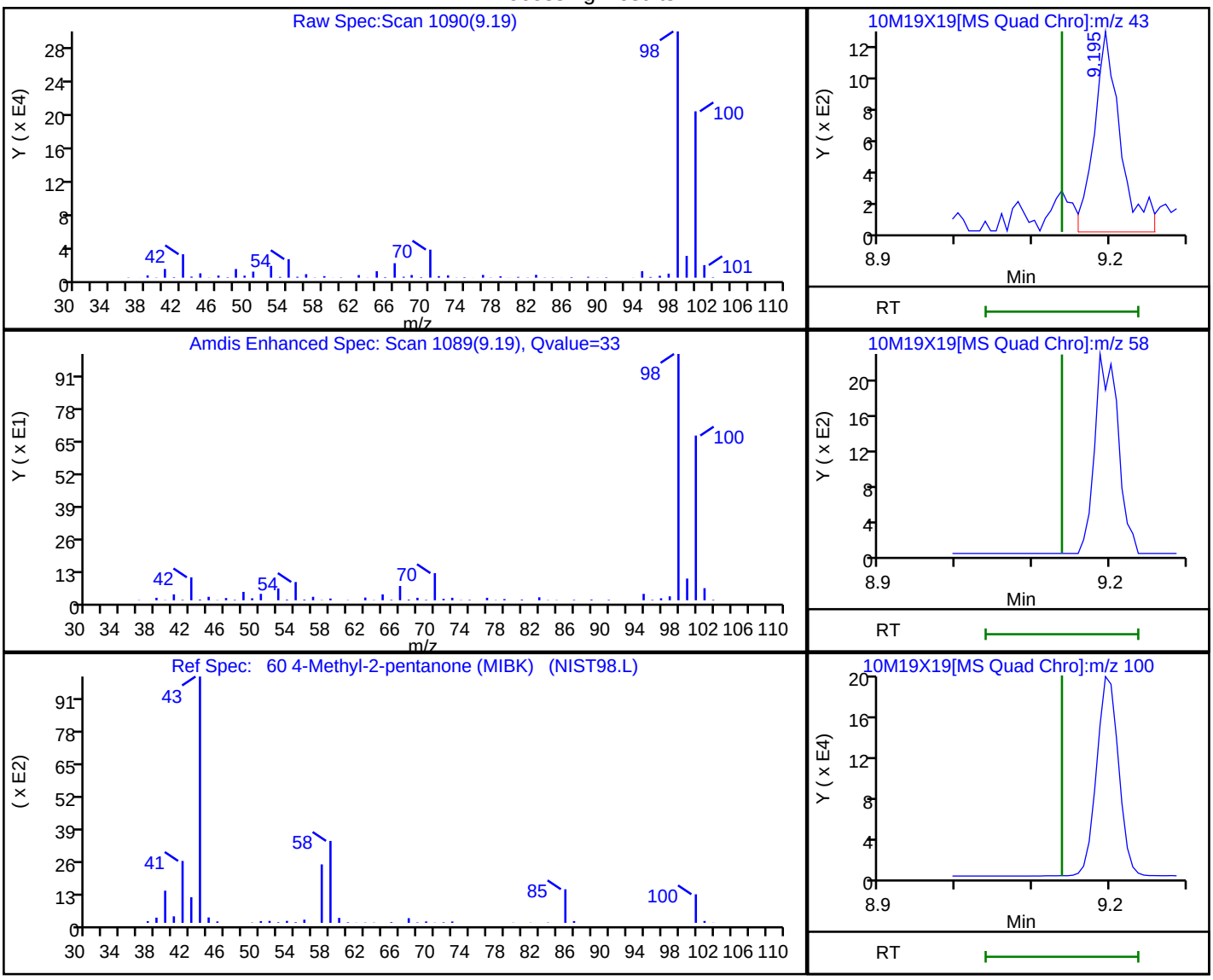
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X19.D				
Injection Date:	19-Mar-2026 21:24:42	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-8	Lab Sample ID:	410-271309-8		
Client ID:	5413				
Operator ID:	cv118168	ALS Bottle#:	13	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.19	43.00	2831	0.106917
9.19	58.00	4710	
9.19	100.00	393797	

Reviewer: XU8K, 20-Mar-2026 17:39:24 -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

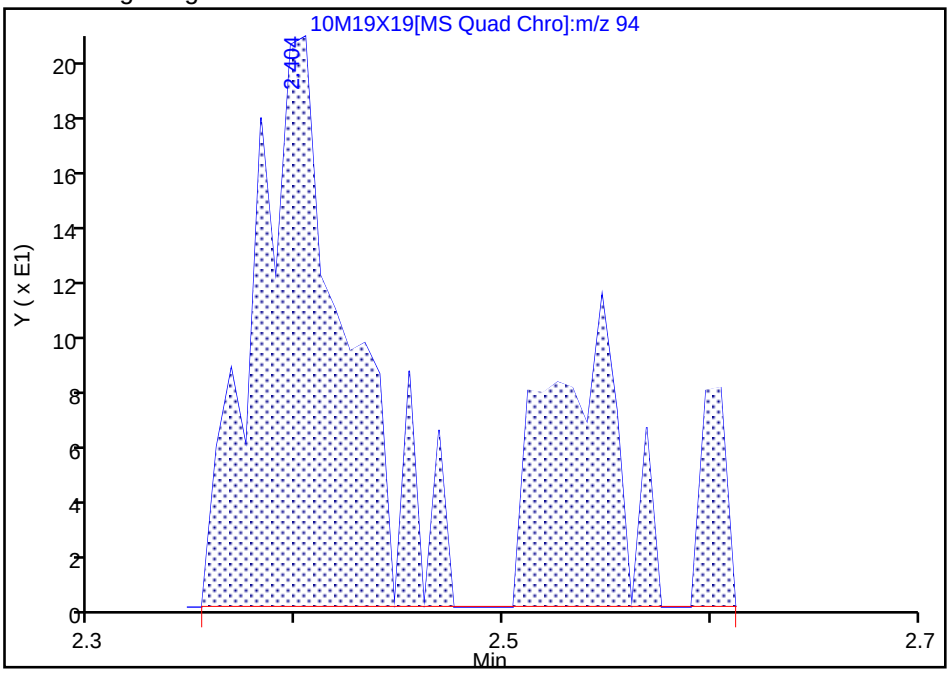
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Injection Date:	19-Mar-2026 21:24:42	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-8	Lab Sample ID:	410-271309-8		
Client ID:	5413				
Operator ID:	cv118168	ALS Bottle#:	13	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

8 Bromomethane, CAS: 74-83-9

Signal: 1

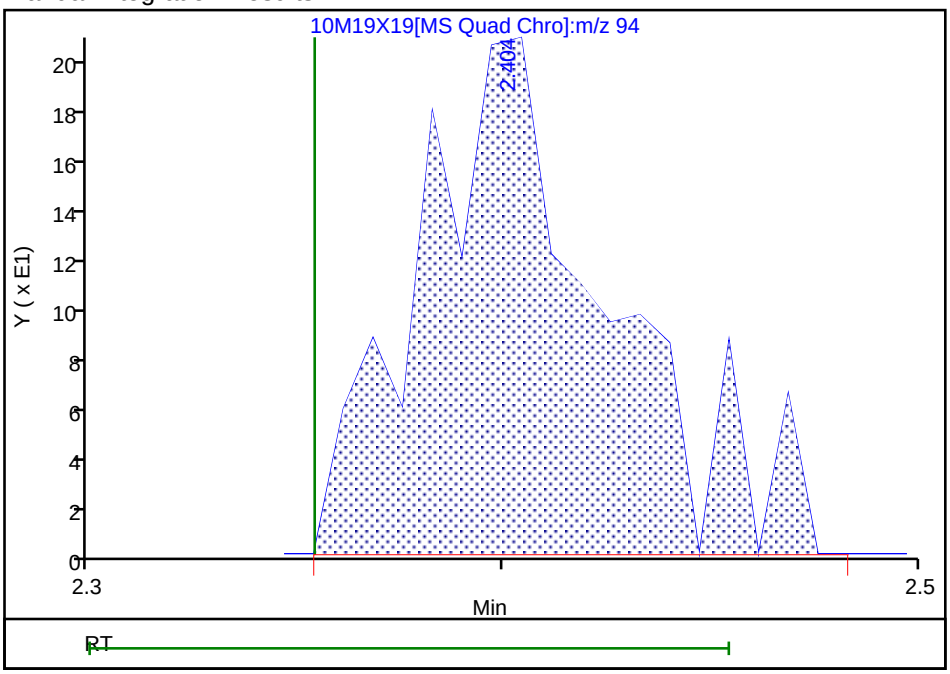
Processing Integration Results

RT: 2.40
Area: 991
Amount: 0.099913
Amount Units: ppb v/v



Manual Integration Results

RT: 2.40
Area: 658
Amount: 0.066340
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:38:57 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

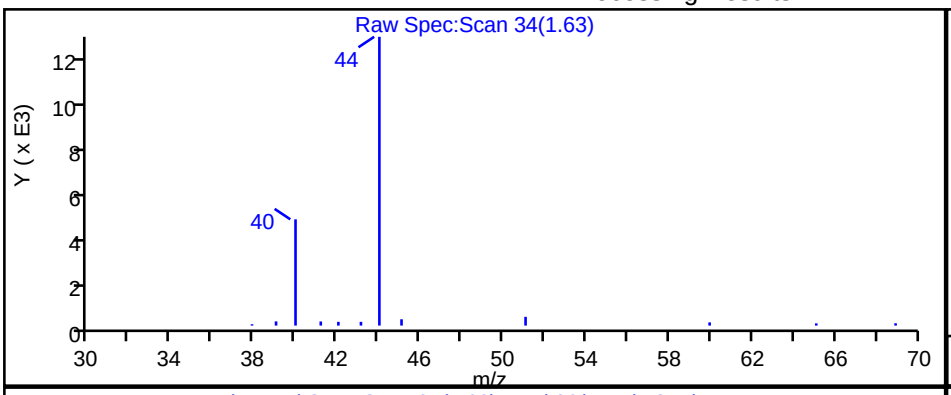
User Disabled Compound Report

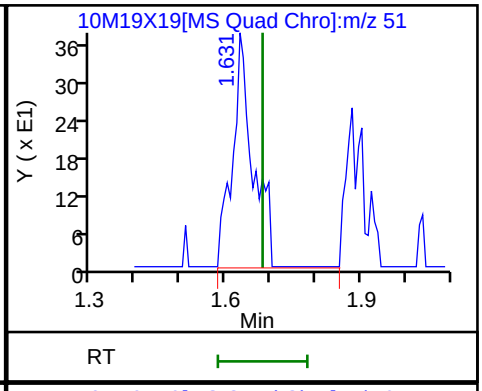
Eurofins Lancaster Laboratories Environment Testing, LLC

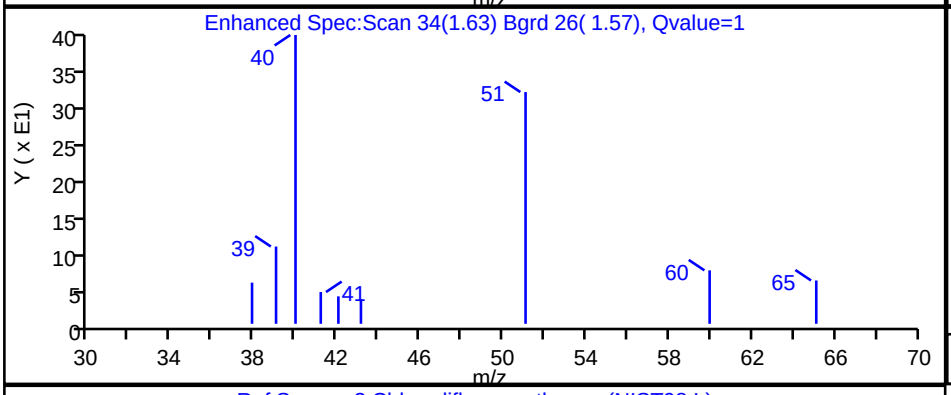
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Injection Date:	19-Mar-2026 21:24:42	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-8	Lab Sample ID:	410-271309-8		
Client ID:	5413				
Operator ID:	cv118168	ALS Bottle#:	13	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

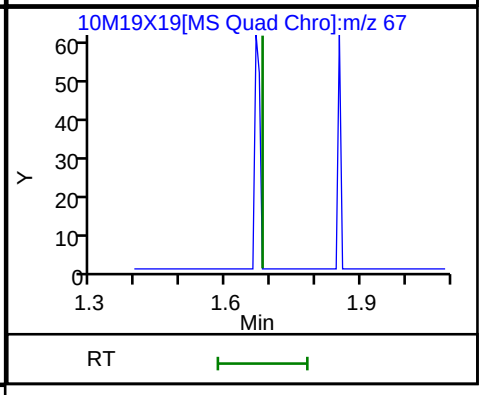
3 Chlorodifluoromethane, CAS: 75-45-6

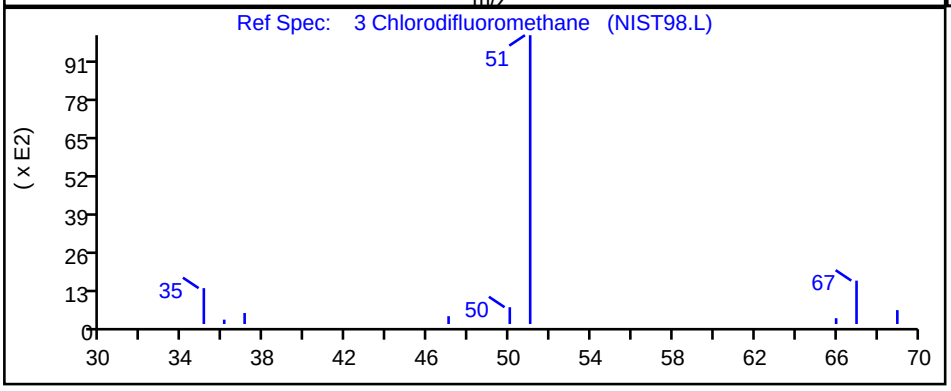
Processing Results











RT	Mass	Response	Amount
1.63	51.00	1184	0.079963
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 17:38:52 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

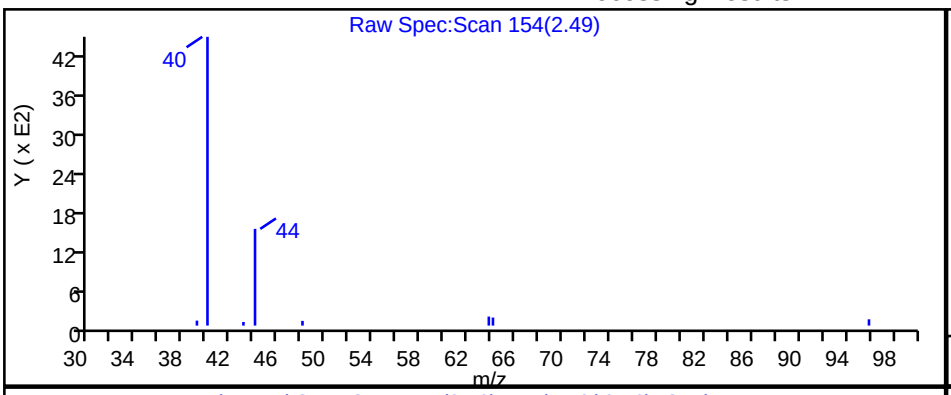
User Disabled Compound Report

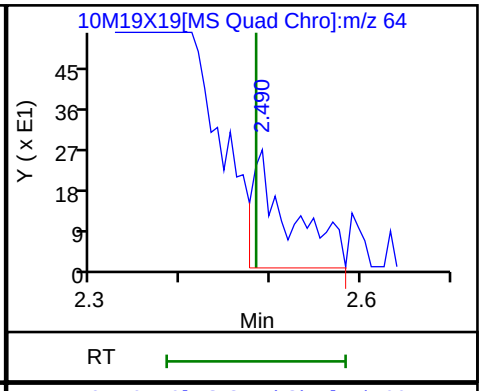
Eurofins Lancaster Laboratories Environment Testing, LLC

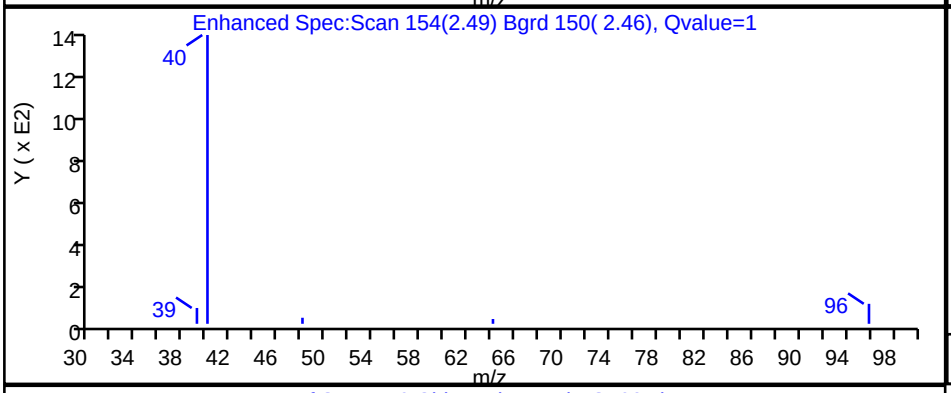
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Injection Date:	19-Mar-2026 21:24:42	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-8	Lab Sample ID:	410-271309-8		
Client ID:	5413				
Operator ID:	cv118168	ALS Bottle#:	13	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

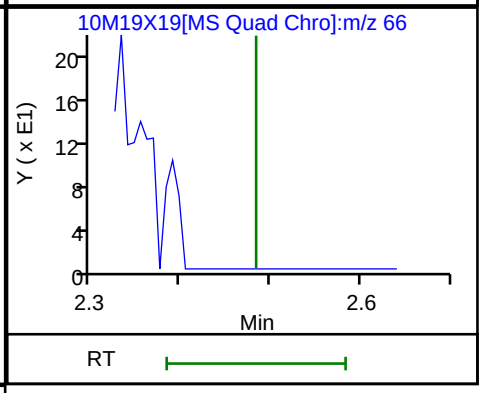
9 Chloroethane, CAS: 75-00-3

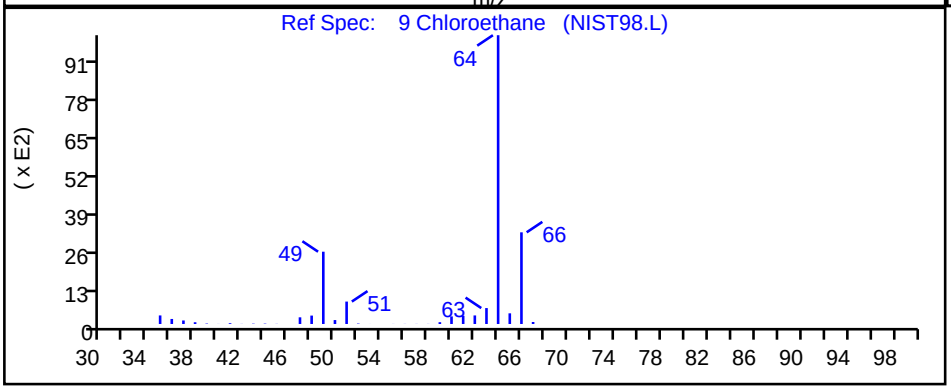
Processing Results











RT	Mass	Response	Amount
2.49	64.00	739	0.109472
2.48	66.00	0	

Reviewer: XU8K, 20-Mar-2026 17:39:00 -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

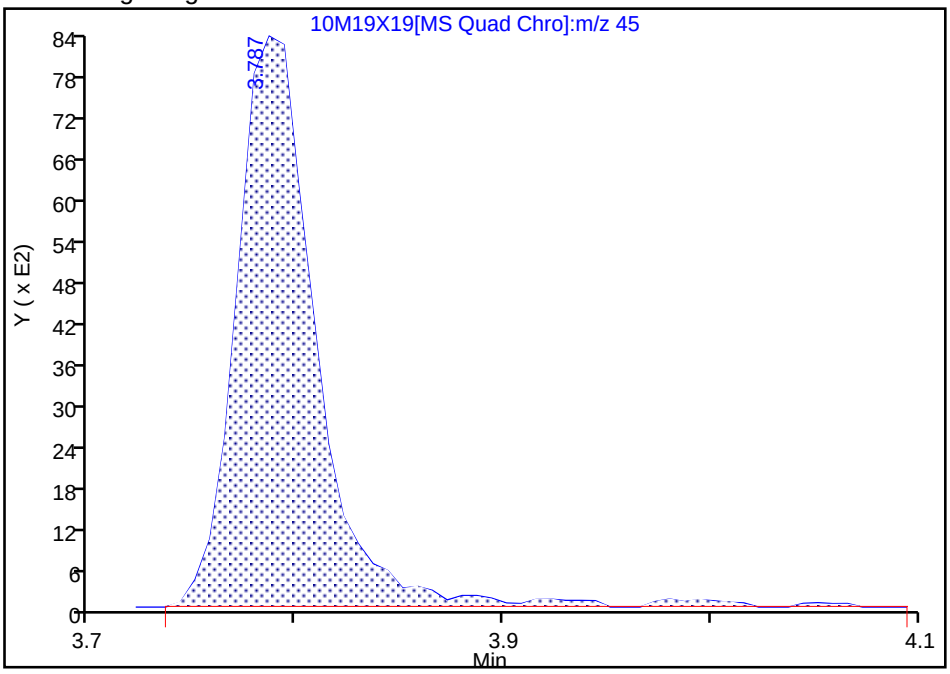
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Injection Date:	19-Mar-2026 21:24:42	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-8	Lab Sample ID:	410-271309-8		
Client ID:	5413				
Operator ID:	cv118168	ALS Bottle#:	13	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

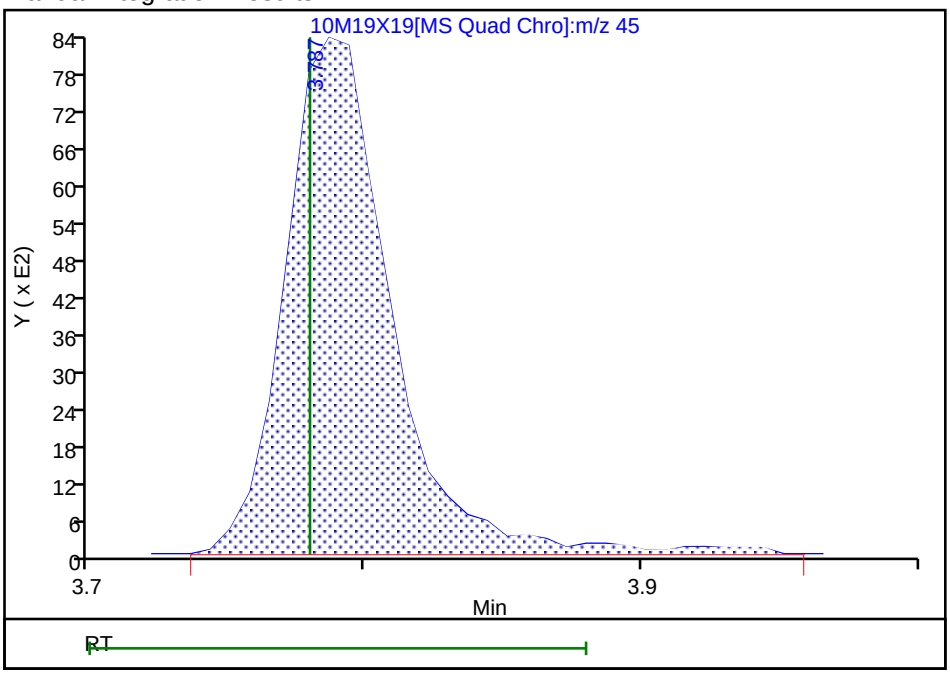
Processing Integration Results

RT: 3.79
Area: 22485
Amount: 1.256603
Amount Units: ppb v/v



Manual Integration Results

RT: 3.79
Area: 22126
Amount: 1.236540
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:39:08 -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

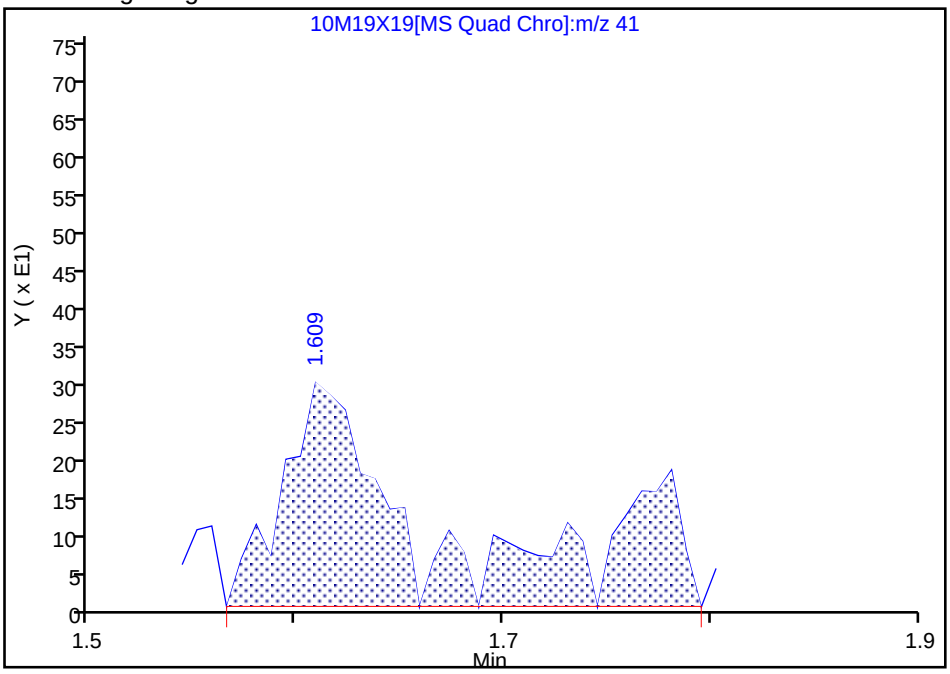
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Injection Date:	19-Mar-2026 21:24:42	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-8	Lab Sample ID:	410-271309-8		
Client ID:	5413				
Operator ID:	cv118168	ALS Bottle#:	13	Worklist Smp#:	18
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

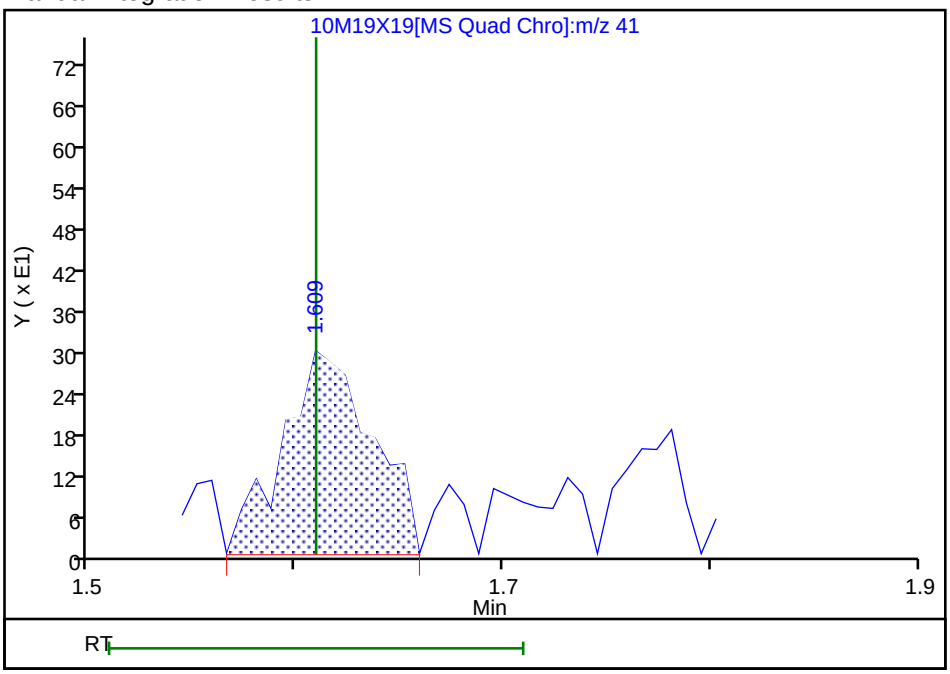
Processing Integration Results

RT: 1.61
Area: 1578
Amount: 0.205577
Amount Units: ppb v/v



Manual Integration Results

RT: 1.61
Area: 890
Amount: 0.115946
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:38:46 -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.: 410-271309-1

SDG No.:

Client Sample ID: 4928 Lab Sample ID: 410-271309-9

Matrix: Air Lab File ID: 10M19X20.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 21:48

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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	1.3	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.: 410-271309-1

SDG No.:

Client Sample ID: 4928 Lab Sample ID: 410-271309-9

Matrix: Air Lab File ID: 10M19X20.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 21:48

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271309-1

SDG No.:

Client Sample ID: 4928 Lab Sample ID: 410-271309-9

Matrix: Air Lab File ID: 10M19X20.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 21:48

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	1.5	cn	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\HP4RA38\20260318-179351.b\10M19X20.D
Lims ID: 410-271309-A-9
Client ID: 4928
Sample Type: Client
Inject. Date: 19-Mar-2026 21:48:51 ALS Bottle#: 14 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc4928
Misc. Info.: 410-0179351-019
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 17:53:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	1.609	1.638	0.000	68	1135	0.1503	M
23 Acetone	43	3.600	3.608	0.006	99	19896	1.27	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	26424	1.50	M
43 2-Butanone (MEK)	72	5.864	5.850	0.014	94	1252	0.2055	
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	135325	10.0	
* 50 1,4-Difluorobenzene	114	7.375	7.383	-0.008	94	549575	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	512001	10.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

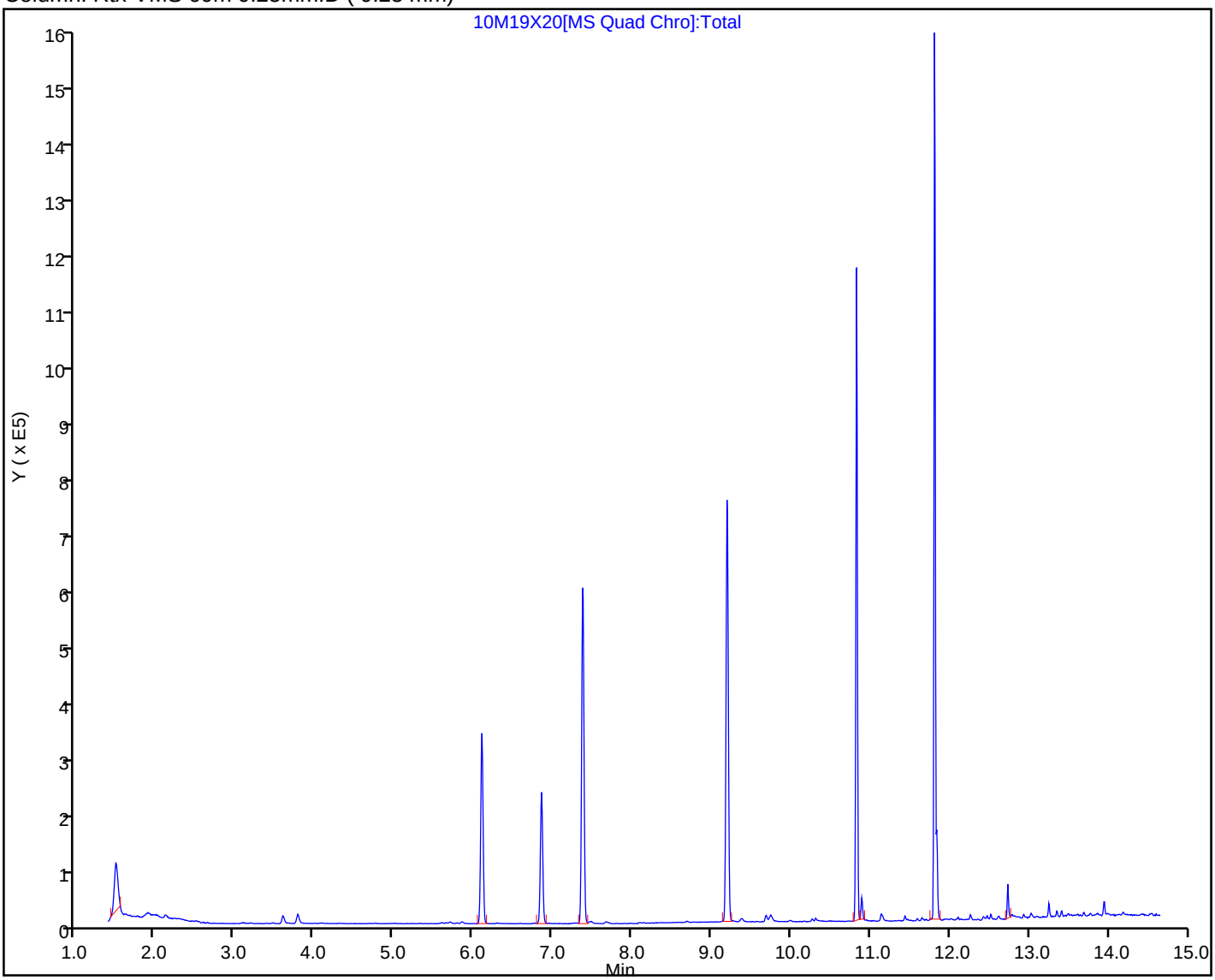
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Report Date: 20-Mar-2026 20:38:17 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 21:48:51	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-9	Lab Sample ID:	410-271309-9		
Client ID:	4928				
Operator ID:	cv118168	ALS Bottle#:	14	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

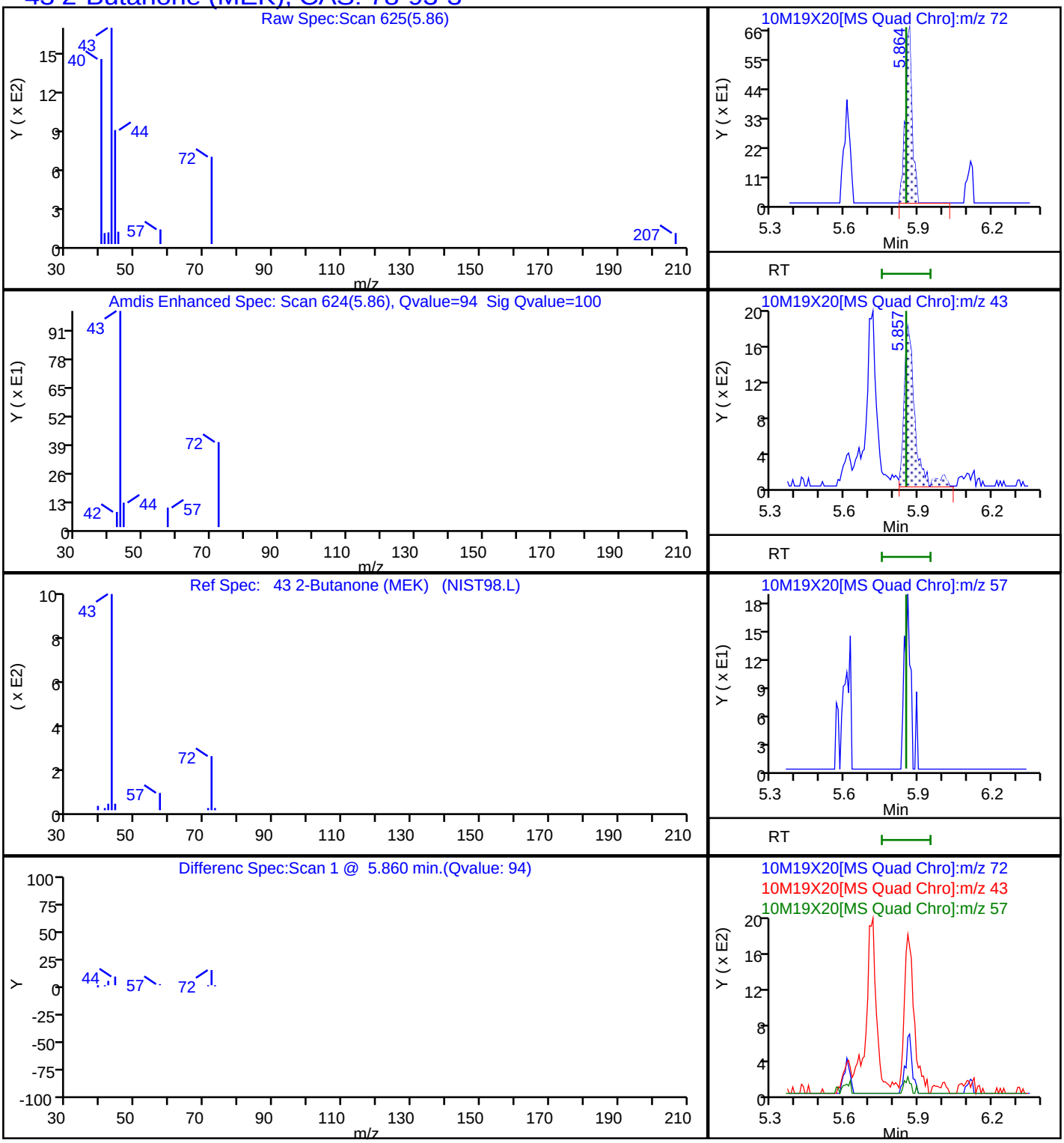


Report Date: 20-Mar-2026 20:38:17 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X20.D				
Injection Date:	19-Mar-2026 21:48:51	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-9	Lab Sample ID:	410-271309-9		
Client ID:	4928				
Operator ID:	cv118168	ALS Bottle#:	14	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

43 2-Butanone (MEK), CAS: 78-93-3

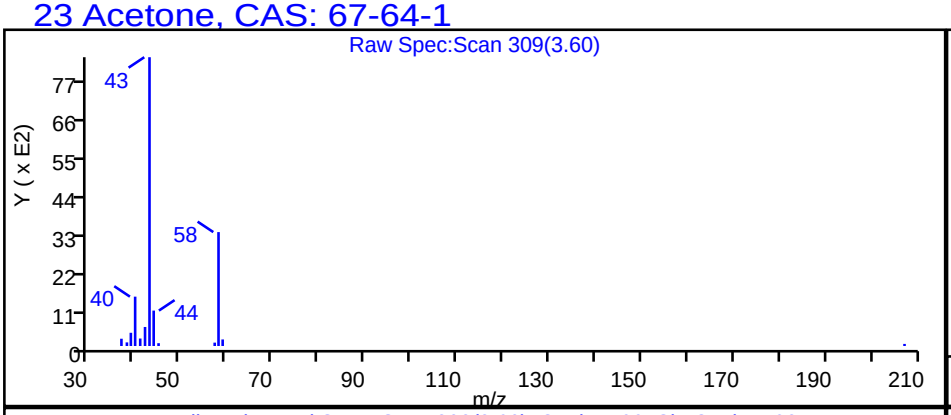


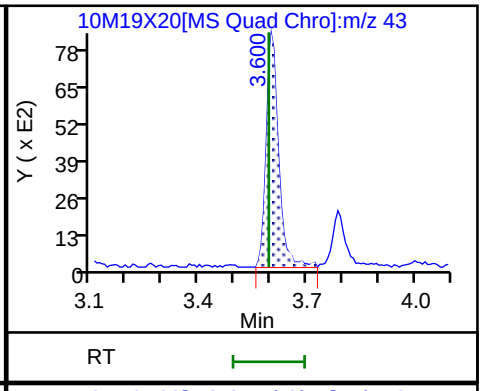
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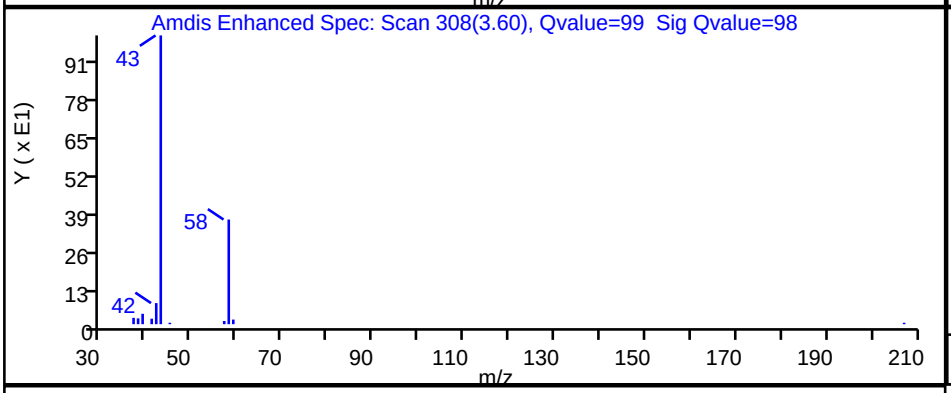
Eurofins Lancaster Laboratories Environment Testing, LLC

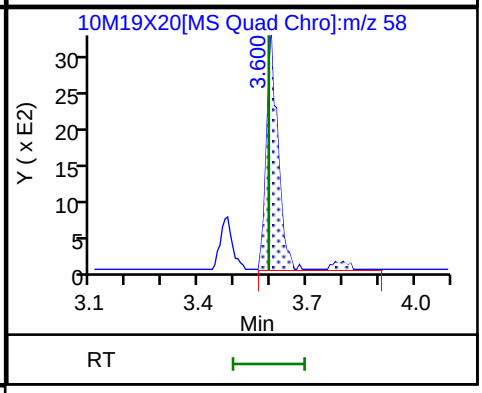
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Injection Date:	19-Mar-2026 21:48:51	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-9	Lab Sample ID:	410-271309-9		
Client ID:	4928				
Operator ID:	cv118168	ALS Bottle#:	14	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

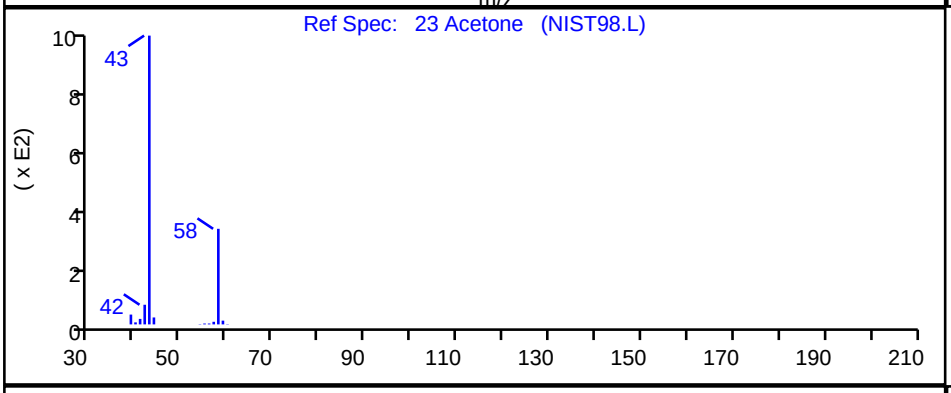
23 Acetone, CAS: 67-64-1

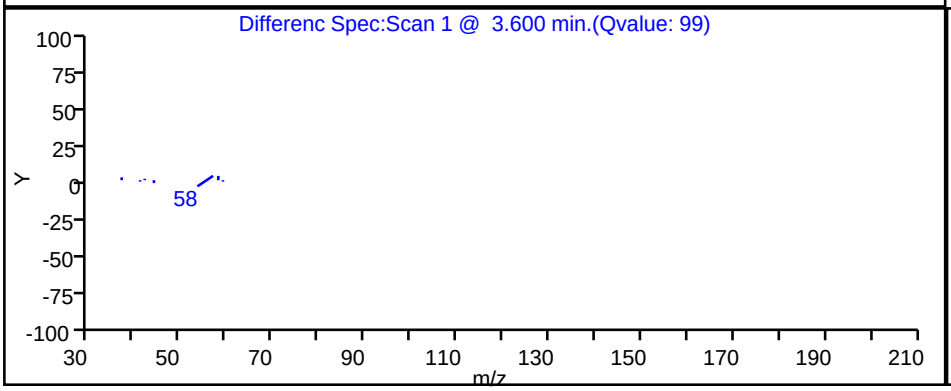


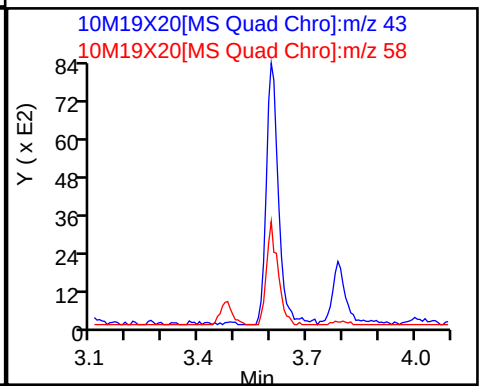










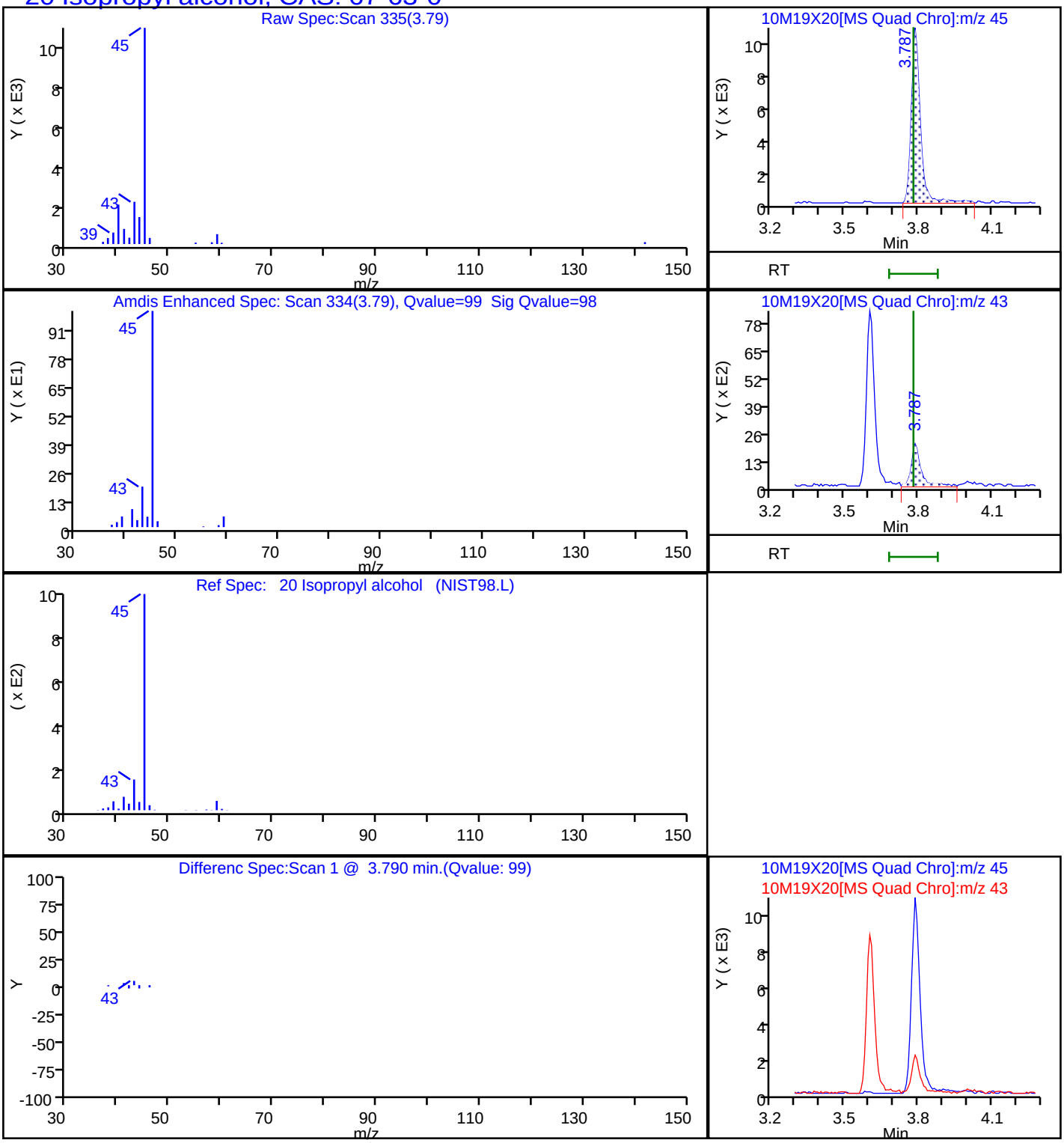


Report Date: 20-Mar-2026 20:38:17 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X20.D				
Injection Date:	19-Mar-2026 21:48:51	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-9	Lab Sample ID:	410-271309-9		
Client ID:	4928				
Operator ID:	cv118168	ALS Bottle#:	14	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0



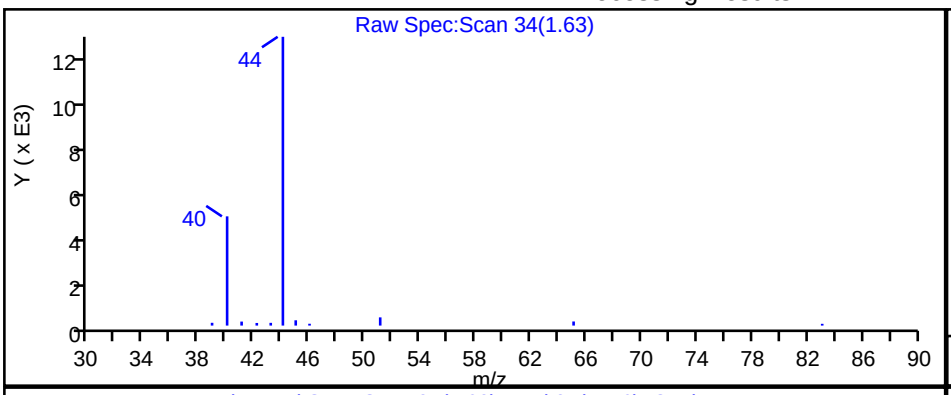
User Disabled Compound Report

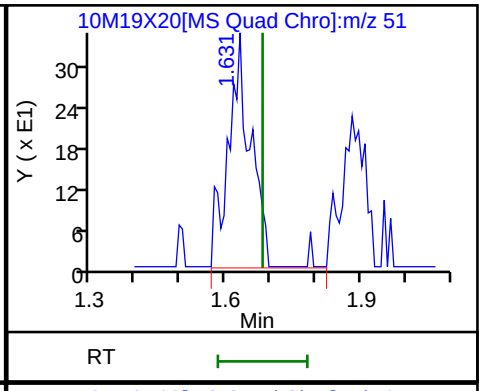
Eurofins Lancaster Laboratories Environment Testing, LLC

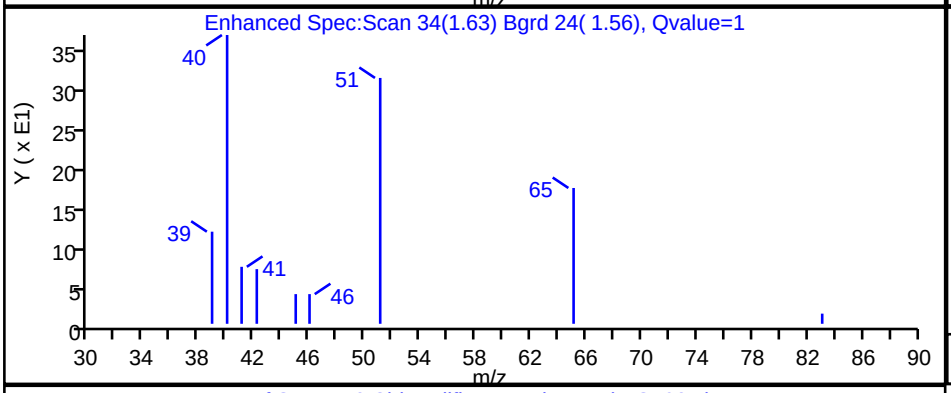
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X20.D				
Injection Date:	19-Mar-2026 21:48:51	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-9	Lab Sample ID:	410-271309-9		
Client ID:	4928				
Operator ID:	cv118168	ALS Bottle#:	14	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

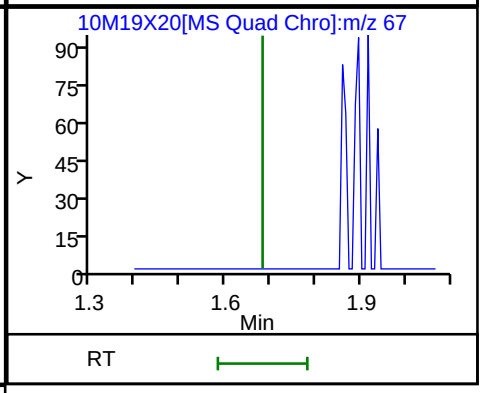
3 Chlorodifluoromethane, CAS: 75-45-6

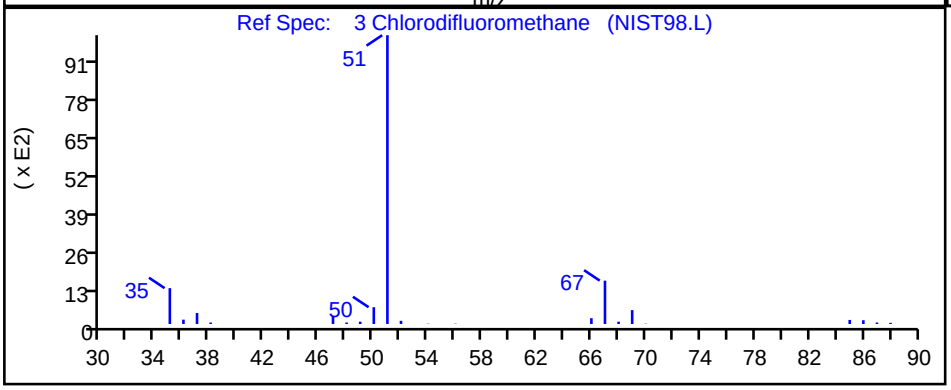
Processing Results











RT	Mass	Response	Amount
1.63	51.00	1214	0.083326
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 17:51:44 -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

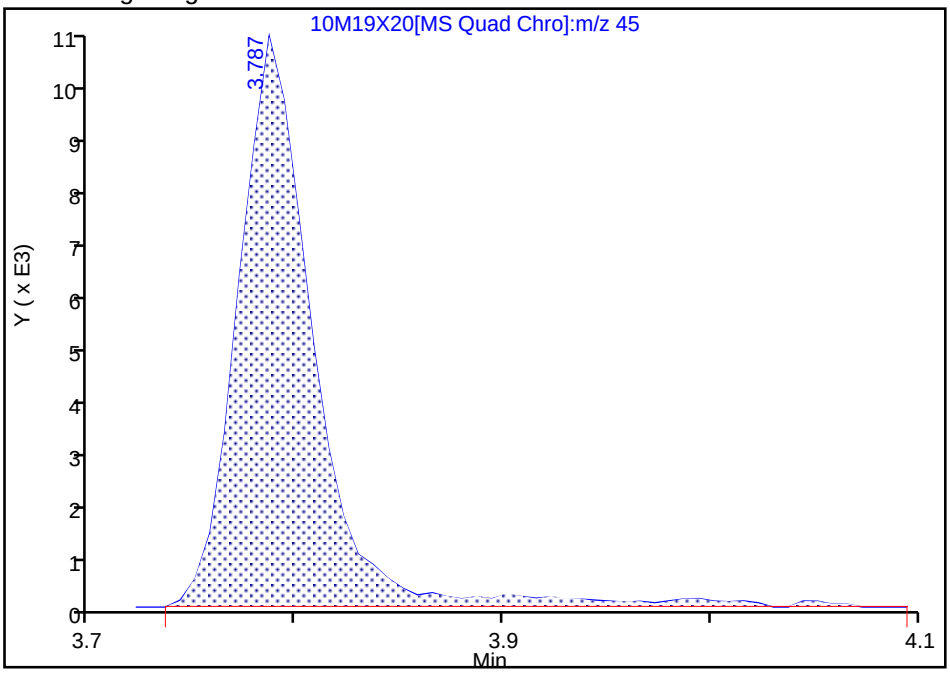
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X20.D				
Injection Date:	19-Mar-2026 21:48:51	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-9	Lab Sample ID:	410-271309-9		
Client ID:	4928				
Operator ID:	cv118168	ALS Bottle#:	14	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

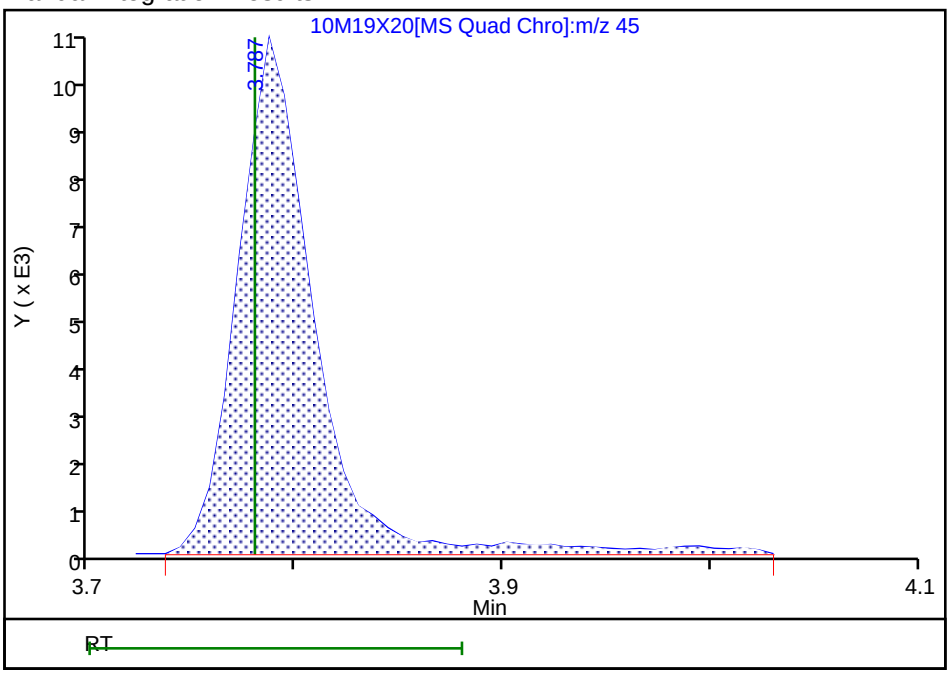
Processing Integration Results

RT: 3.79
Area: 26562
Amount: 1.508650
Amount Units: ppb v/v



Manual Integration Results

RT: 3.79
Area: 26424
Amount: 1.500812
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:52:09 -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

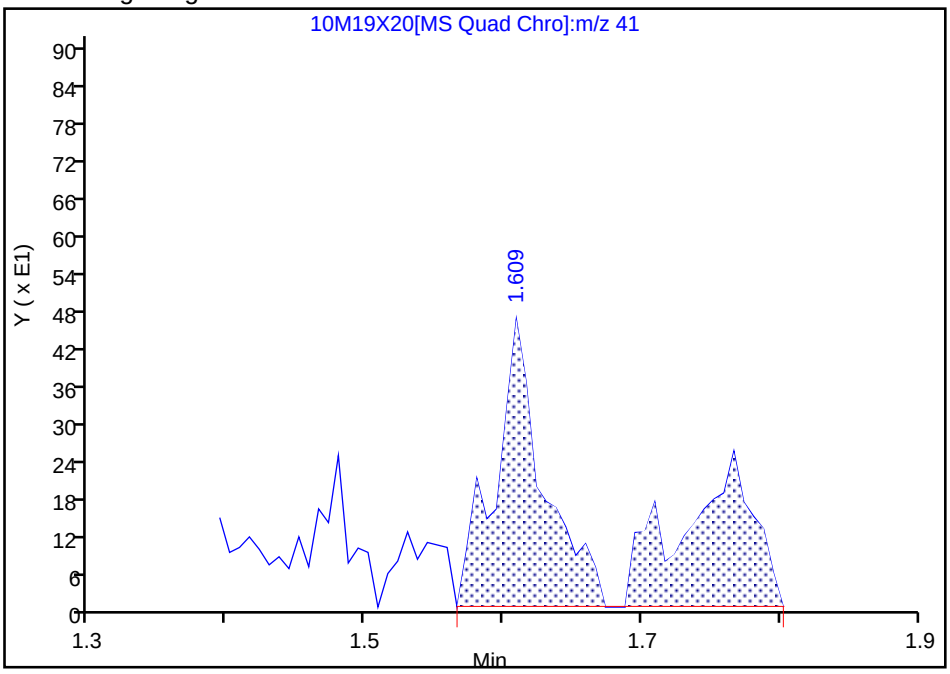
Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X20.D				
Injection Date:	19-Mar-2026 21:48:51	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-9	Lab Sample ID:	410-271309-9		
Client ID:	4928				
Operator ID:	cv118168	ALS Bottle#:	14	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

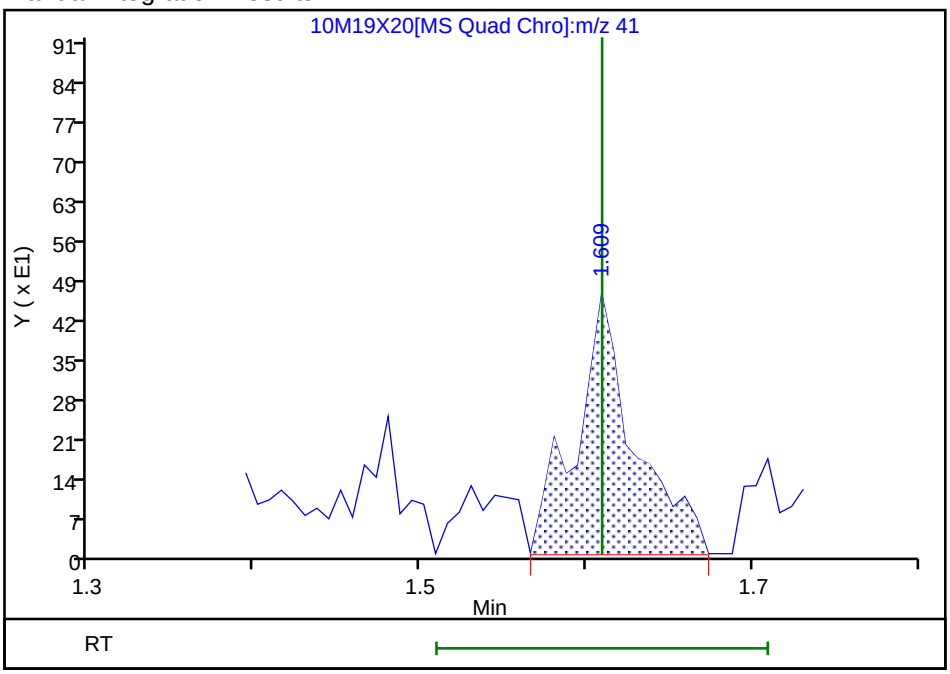
Processing Integration Results

RT: 1.61
Area: 2029
Amount: 0.268641
Amount Units: ppb v/v



Manual Integration Results

RT: 1.61
Area: 1135
Amount: 0.150275
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 17:51:37 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

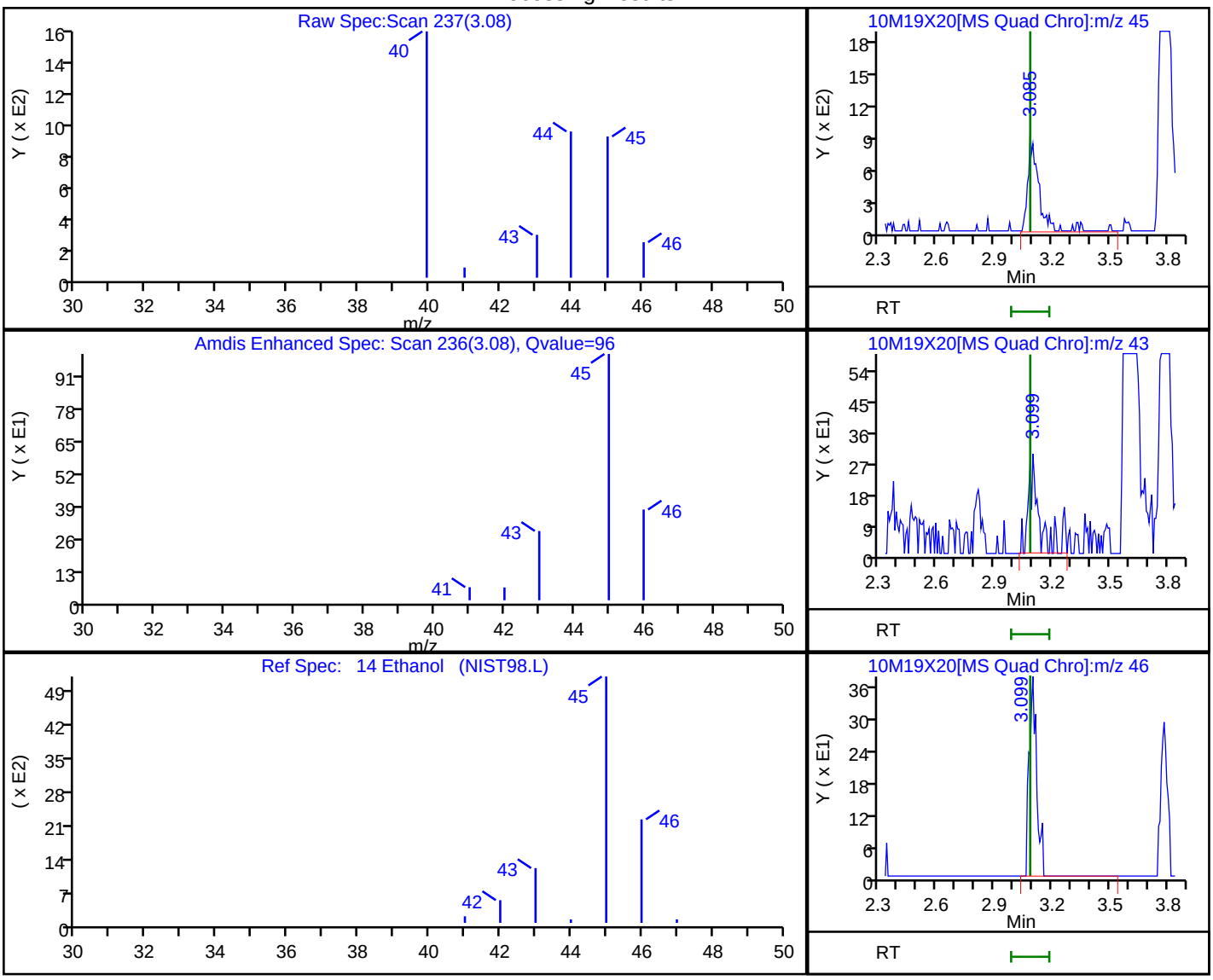
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X20.D				
Injection Date:	19-Mar-2026 21:48:51	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-9	Lab Sample ID:	410-271309-9		
Client ID:	4928				
Operator ID:	cv118168	ALS Bottle#:	14	Worklist Smp#:	19
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
3.08	45.00	3426	1.124912
3.10	43.00	1199	
3.10	46.00	1023	

Reviewer: XU8K, 20-Mar-2026 17:52:02 -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.: 410-271309-1

SDG No.:

Client Sample ID: 1287 Lab Sample ID: 410-271309-10

Matrix: Air Lab File ID: 10M19X21.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 22:13

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271309-1

SDG No.:

Client Sample ID: 1287 Lab Sample ID: 410-271309-10

Matrix: Air Lab File ID: 10M19X21.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 22:13

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271309-1

SDG No.:

Client Sample ID: 1287 Lab Sample ID: 410-271309-10

Matrix: Air Lab File ID: 10M19X21.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 22:13

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	1.1	cn	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\HP4RA38\20260318-179351.b\10M19X21.D
Lims ID: 410-271309-A-10
Client ID: 1287
Sample Type: Client
Inject. Date: 19-Mar-2026 22:13:01 ALS Bottle#: 15 Worklist Smp#: 20
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc1287
Misc. Info.: 410-0179351-020
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 18:04:32

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41	1.609	1.638	0.000	53	1372	0.1740	M
	5 Chloromethane	50	1.882	1.840	0.029	31	490	0.0515	7M
	23 Acetone	43	3.601	3.608	0.007	99	17796	1.09	
	20 Isopropyl alcohol	45	3.787	3.787	0.007	99	20136	1.10	M
	43 2-Butanone (MEK)	72	5.864	5.850	0.014	98	1159	0.1823	
*	35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	94	141238	10.0	
*	50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	554809	10.0	
*	68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	86	545072	10.0	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

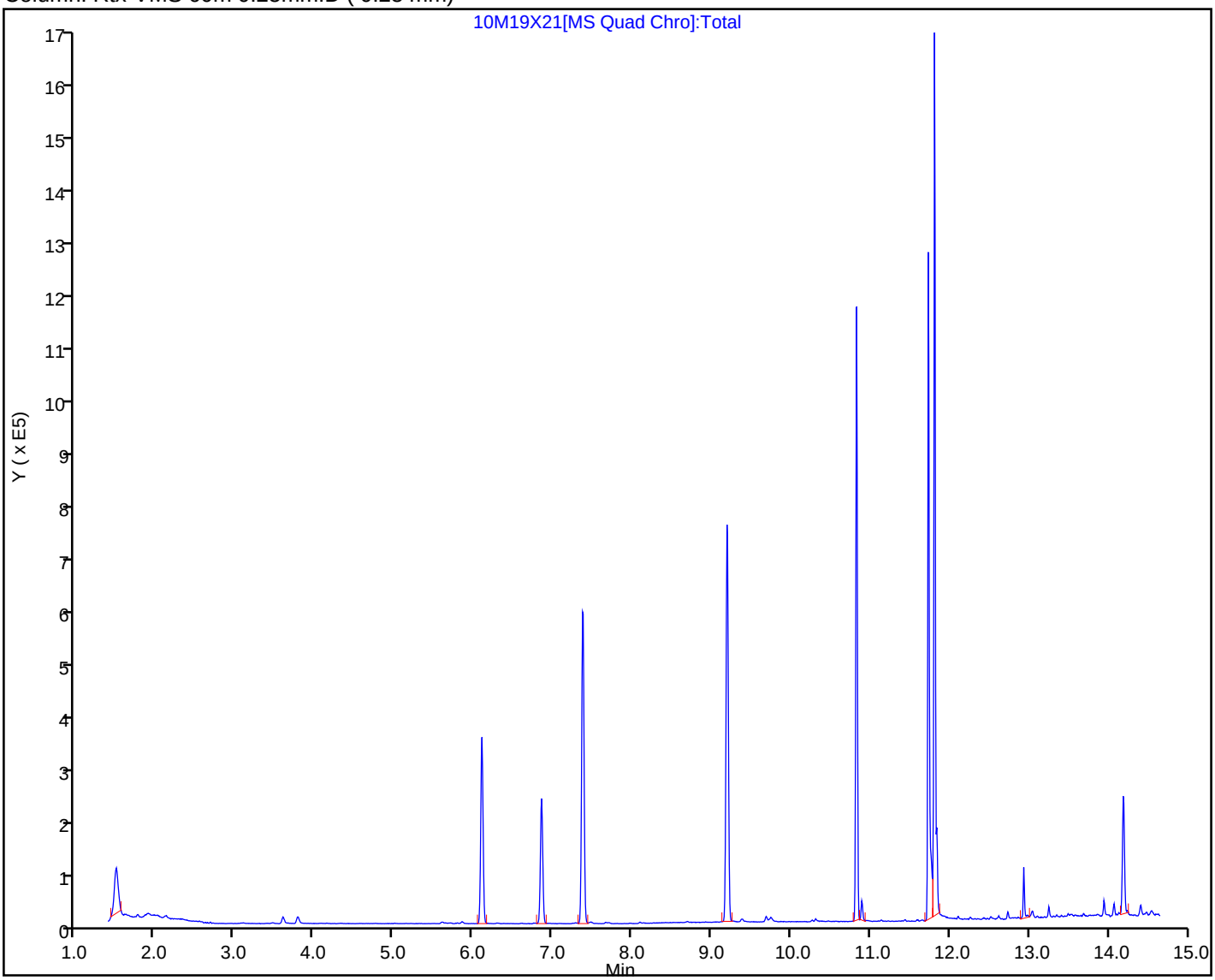
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:19 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\10M19X21.D				
Injection Date:	19-Mar-2026 22:13:01	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-10	Lab Sample ID:	410-271309-10		
Client ID:	1287				
Operator ID:	cv118168	ALS Bottle#:	15	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

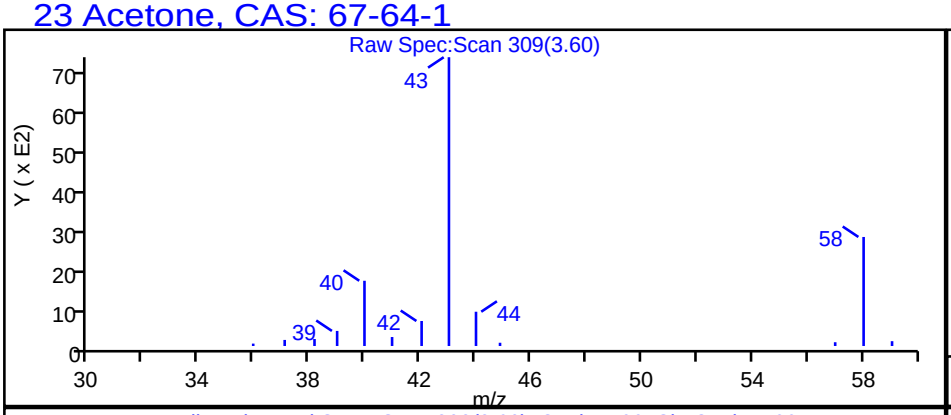


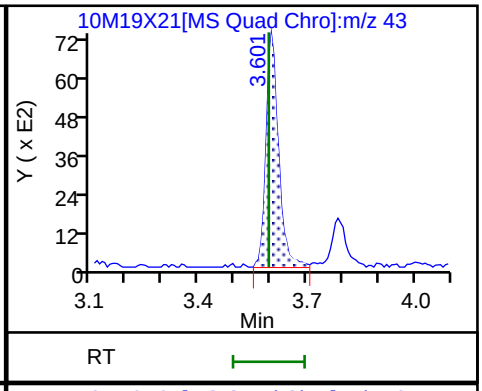
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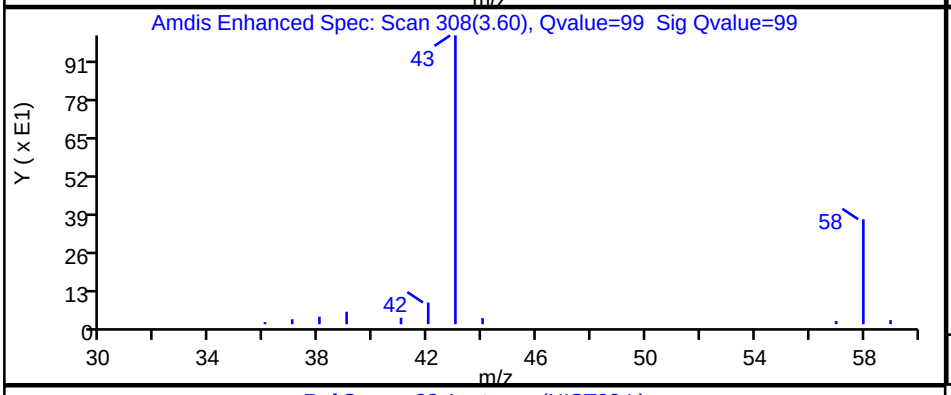
Eurofins Lancaster Laboratories Environment Testing, LLC

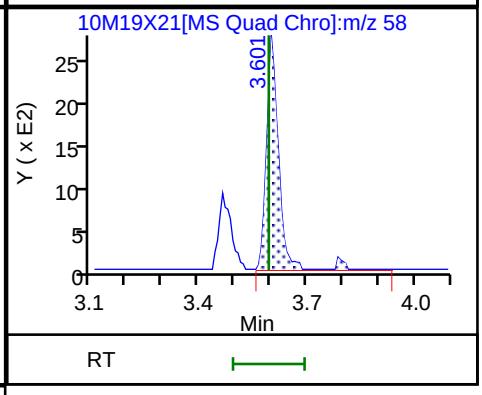
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Injection Date:	19-Mar-2026 22:13:01	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-10	Lab Sample ID:	410-271309-10		
Client ID:	1287				
Operator ID:	cv118168	ALS Bottle#:	15	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

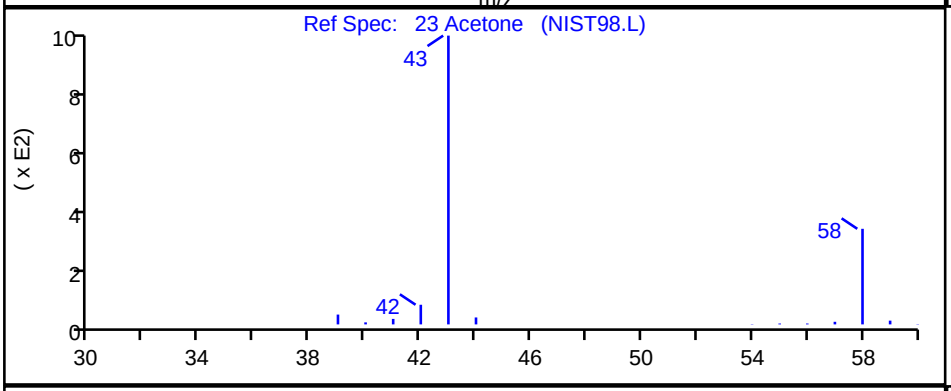
23 Acetone, CAS: 67-64-1

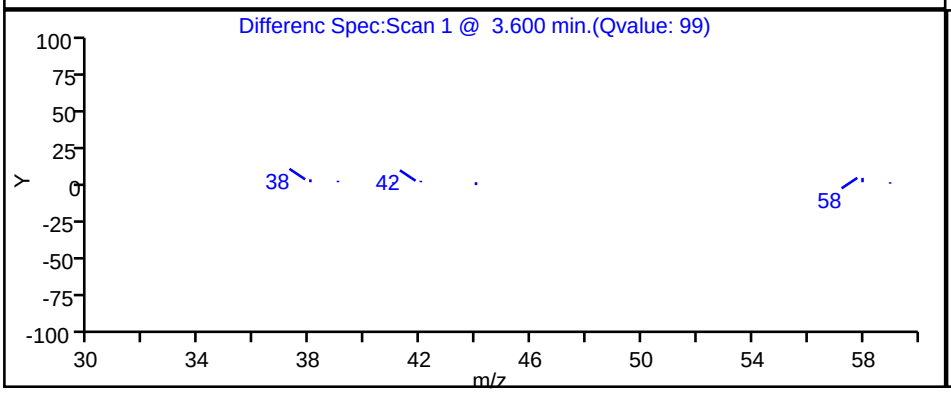


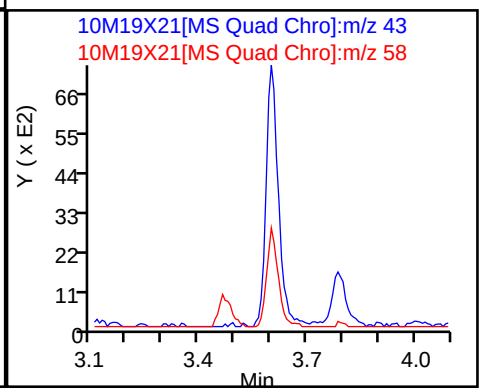










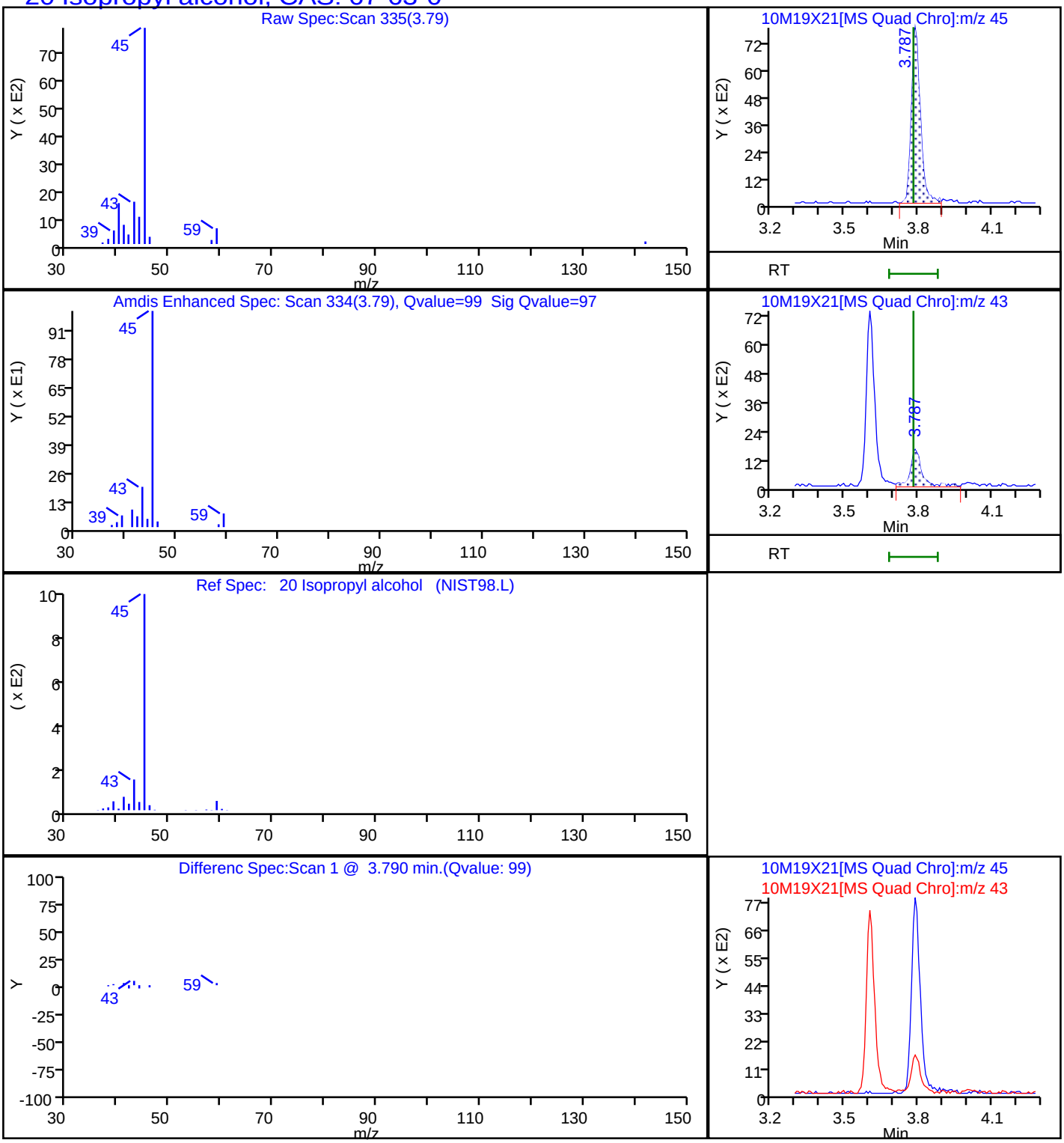


Report Date: 20-Mar-2026 20:38:19 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

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Lims ID:	410-271309-A-10	Lab Sample ID:	410-271309-10		
Client ID:	1287				
Operator ID:	cv118168	ALS Bottle#:	15	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0



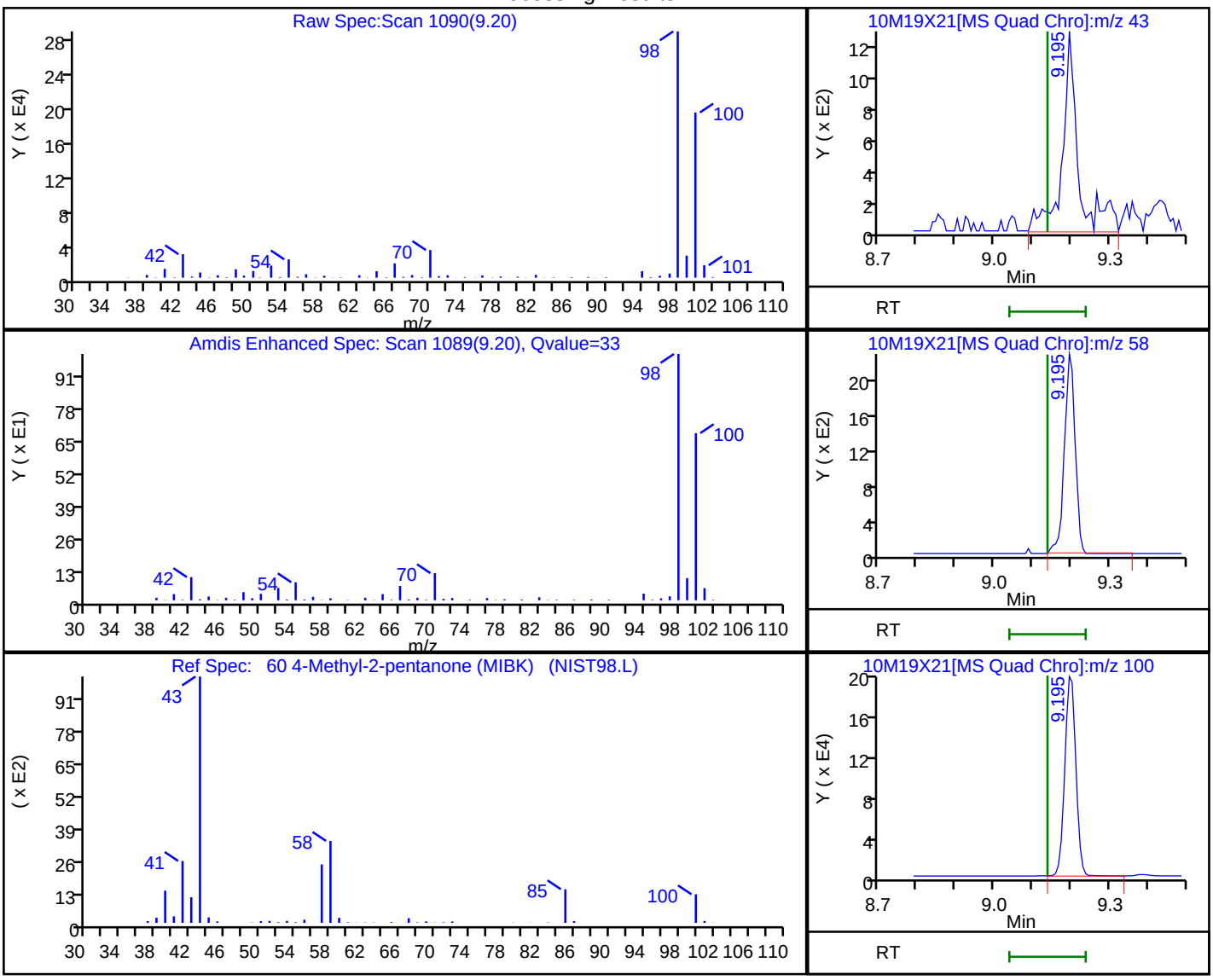
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

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Injection Date:	19-Mar-2026 22:13:01	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-10	Lab Sample ID:	410-271309-10		
Client ID:	1287				
Operator ID:	cv118168	ALS Bottle#:	15	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

60 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
9.20	43.00	3626	0.139404
9.20	58.00	4415	
9.20	100.00	390140	

Reviewer: XU8K, 20-Mar-2026 18:02:22 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

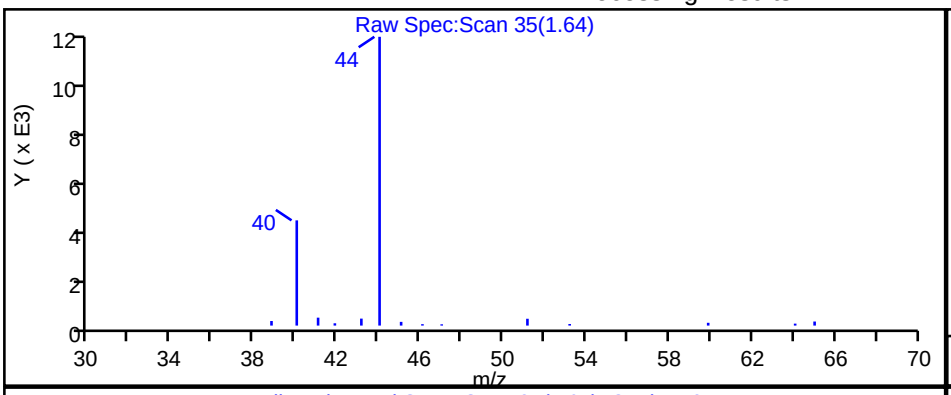
User Disabled Compound Report

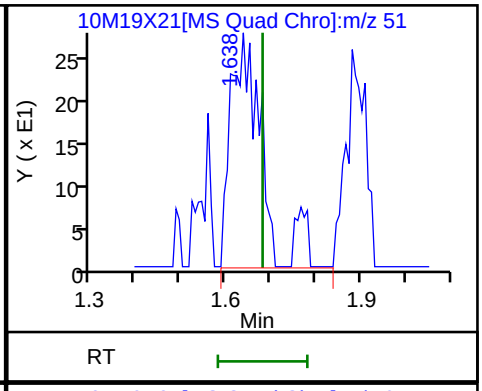
Eurofins Lancaster Laboratories Environment Testing, LLC

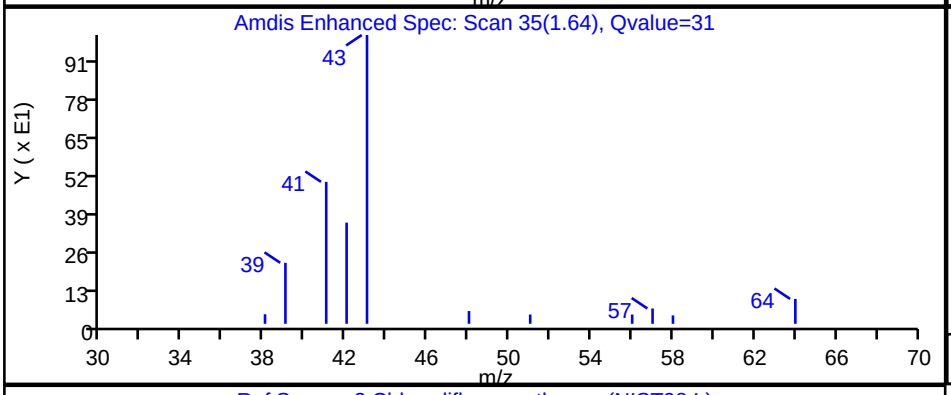
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Injection Date:	19-Mar-2026 22:13:01	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-10	Lab Sample ID:	410-271309-10		
Client ID:	1287				
Operator ID:	cv118168	ALS Bottle#:	15	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

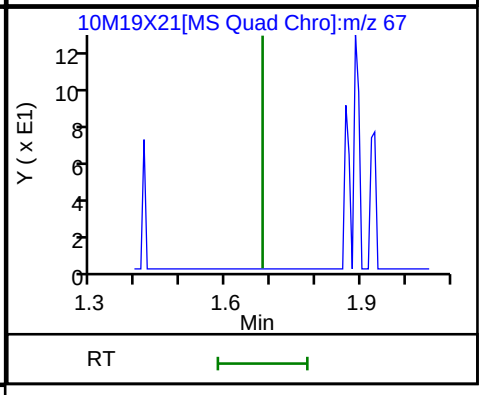
3 Chlorodifluoromethane, CAS: 75-45-6

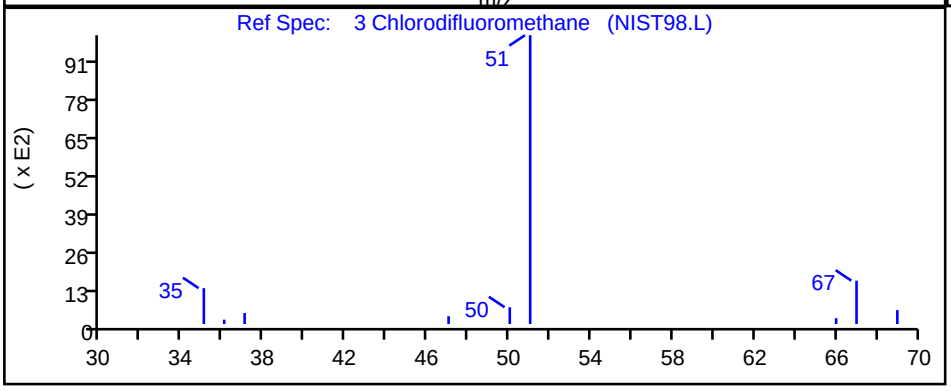
Processing Results











RT	Mass	Response	Amount
1.64	51.00	1331	0.087532
1.68	67.00	0	

Reviewer: XU8K, 20-Mar-2026 18:01:44 -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

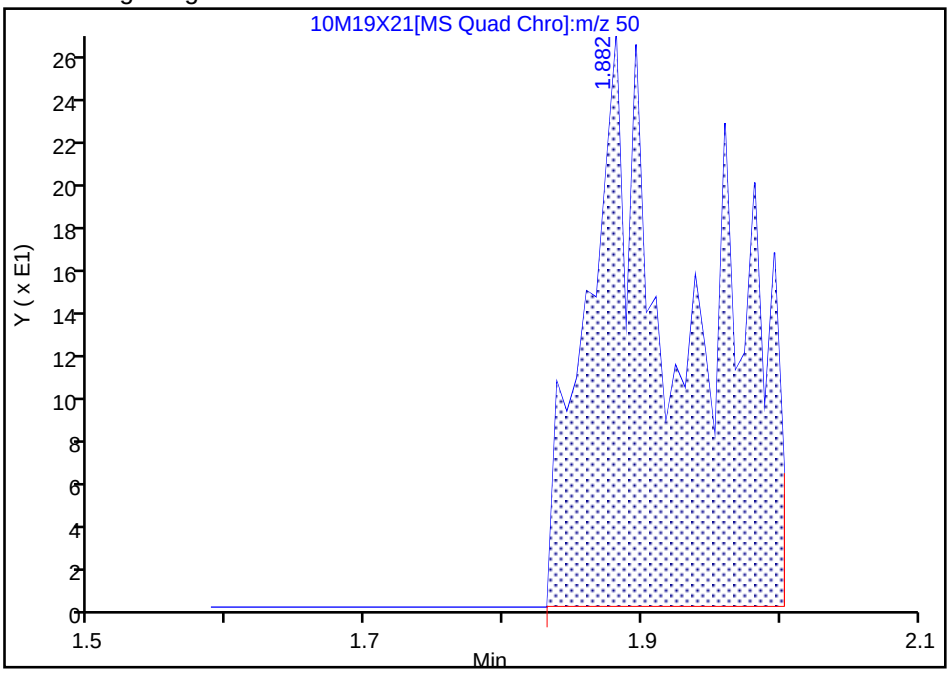
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Injection Date:	19-Mar-2026 22:13:01	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-10	Lab Sample ID:	410-271309-10		
Client ID:	1287				
Operator ID:	cv118168	ALS Bottle#:	15	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

5 Chloromethane, CAS: 74-87-3

Signal: 1

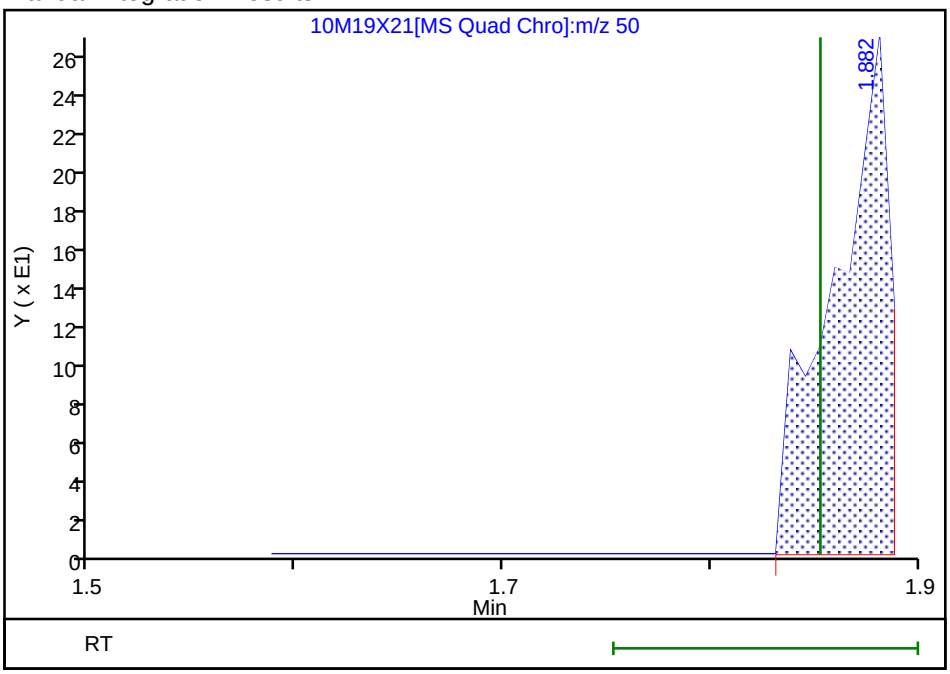
Processing Integration Results

RT: 1.88
Area: 1445
Amount: 0.151844
Amount Units: ppb v/v



Manual Integration Results

RT: 1.88
Area: 490
Amount: 0.051490
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:01:53 -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

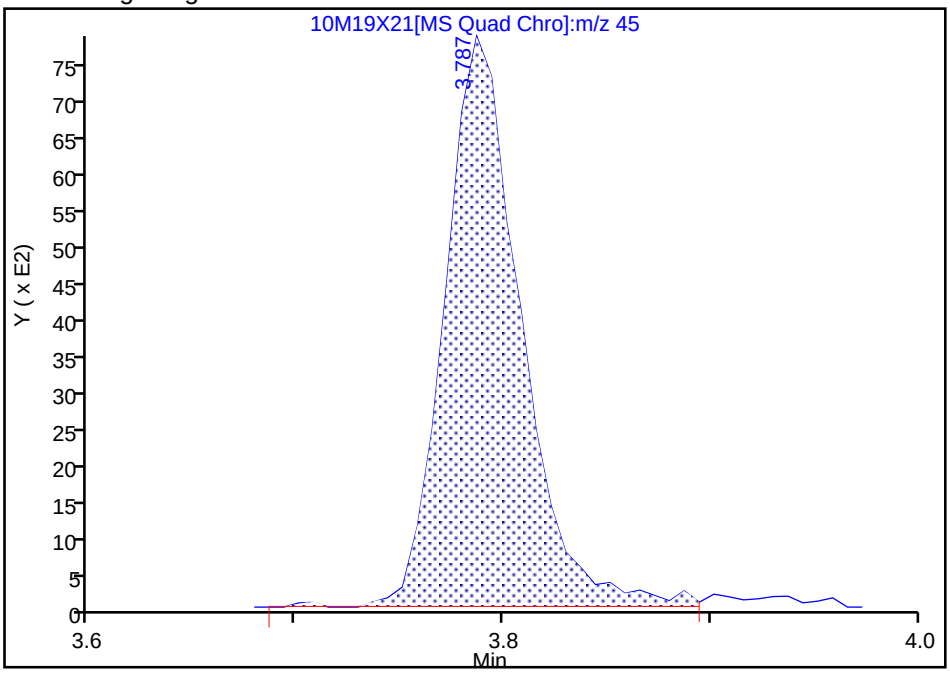
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Injection Date:	19-Mar-2026 22:13:01	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-10	Lab Sample ID:	410-271309-10		
Client ID:	1287				
Operator ID:	cv118168	ALS Bottle#:	15	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

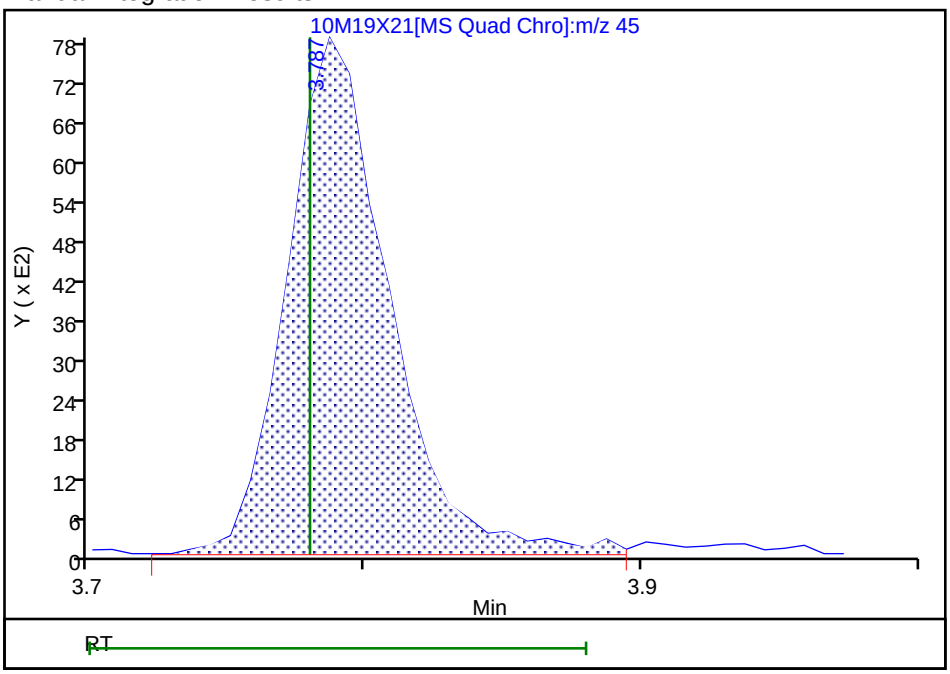
Processing Integration Results

RT: 3.79
Area: 20189
Amount: 1.098674
Amount Units: ppb v/v



Manual Integration Results

RT: 3.79
Area: 20136
Amount: 1.095790
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:02:06 -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

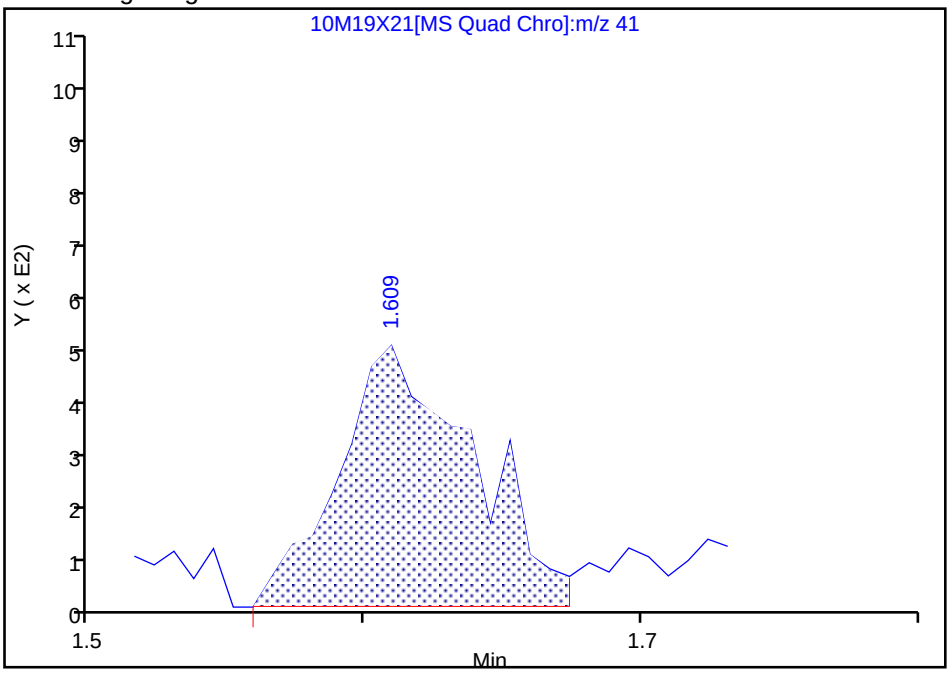
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Injection Date:	19-Mar-2026 22:13:01	Instrument ID:	HP4RA38		
Lims ID:	410-271309-A-10	Lab Sample ID:	410-271309-10		
Client ID:	1287				
Operator ID:	cv118168	ALS Bottle#:	15	Worklist Smp#:	20
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

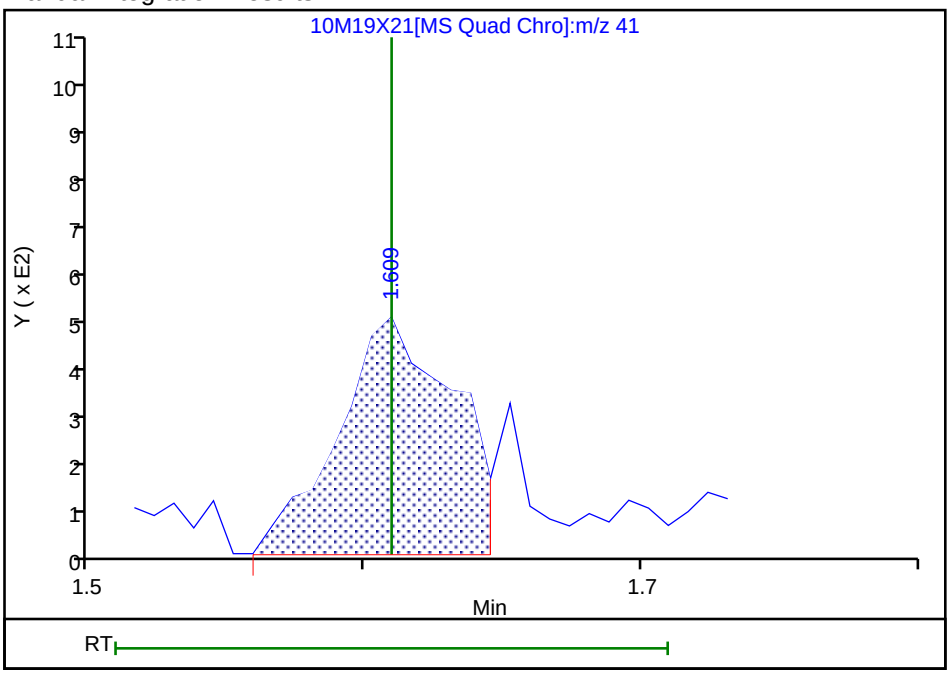
Processing Integration Results

RT: 1.61
Area: 1618
Amount: 0.205255
Amount Units: ppb v/v



Manual Integration Results

RT: 1.61
Area: 1372
Amount: 0.174048
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:01:32 -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.: 410-271309-1

SDG No.:

Client Sample ID: 262 Lab Sample ID: 410-271309-11

Matrix: Air Lab File ID: 10M19X22.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 22:37

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271309-1

SDG No.:

Client Sample ID: 262 Lab Sample ID: 410-271309-11

Matrix: Air Lab File ID: 10M19X22.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 22:37

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

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.: 410-271309-1

SDG No.:

Client Sample ID: 262 Lab Sample ID: 410-271309-11

Matrix: Air Lab File ID: 10M19X22.D

Analysis Method: TO-15 Date Collected: 03/19/2026 14:49

Sample wt/vol: 200(mL) Date Analyzed: 03/19/2026 22:37

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.: 785151 Units: ppb v/v

Preparation Batch No.: Instrument ID: HP4RA38

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-63-0	Isopropanol	1.2	cn	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\HP4RA38\20260318-179351.b\10M19X22.D
Lims ID: 410-271309-A-11
Client ID: 262
Sample Type: Client
Inject. Date: 19-Mar-2026 22:37:07 ALS Bottle#: 16 Worklist Smp#: 21
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: cc262
Misc. Info.: 410-0179351-021
Operator ID: cv118168 Instrument ID: HP4RA38

Method: \\chromfs\Lancaster\ChromData\HP4RA38\20260318-179351.b\TO15_HP4RA38.m
Limit Group: MSV - TO15
Last Update: 20-Mar-2026 18:34:03 Calib Date: 07-Feb-2026 16:55:22
Integrator: Falcon ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\HP4RA38\20260207-175012.b\10F07X10.D

Column 1 : Rtx-VMS 60m 0.25mmID (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: XU8K Date: 20-Mar-2026 18:12:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41	1.609	1.638	0.000	89	1843	0.2375	M
23 Acetone	43	3.601	3.608	0.007	97	12092	0.7529	
20 Isopropyl alcohol	45	3.787	3.787	0.007	99	22494	1.24	M
43 2-Butanone (MEK)	72	5.871	5.850	0.021	96	1050	0.1678	
* 35 Chlorobromomethane (IS)	130	6.108	6.108	0.000	95	139046	10.0	
* 50 1,4-Difluorobenzene	114	7.383	7.383	0.000	94	558073	10.0	
* 68 Chlorobenzene-d5 (IS)	117	10.828	10.828	0.000	85	525876	10.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

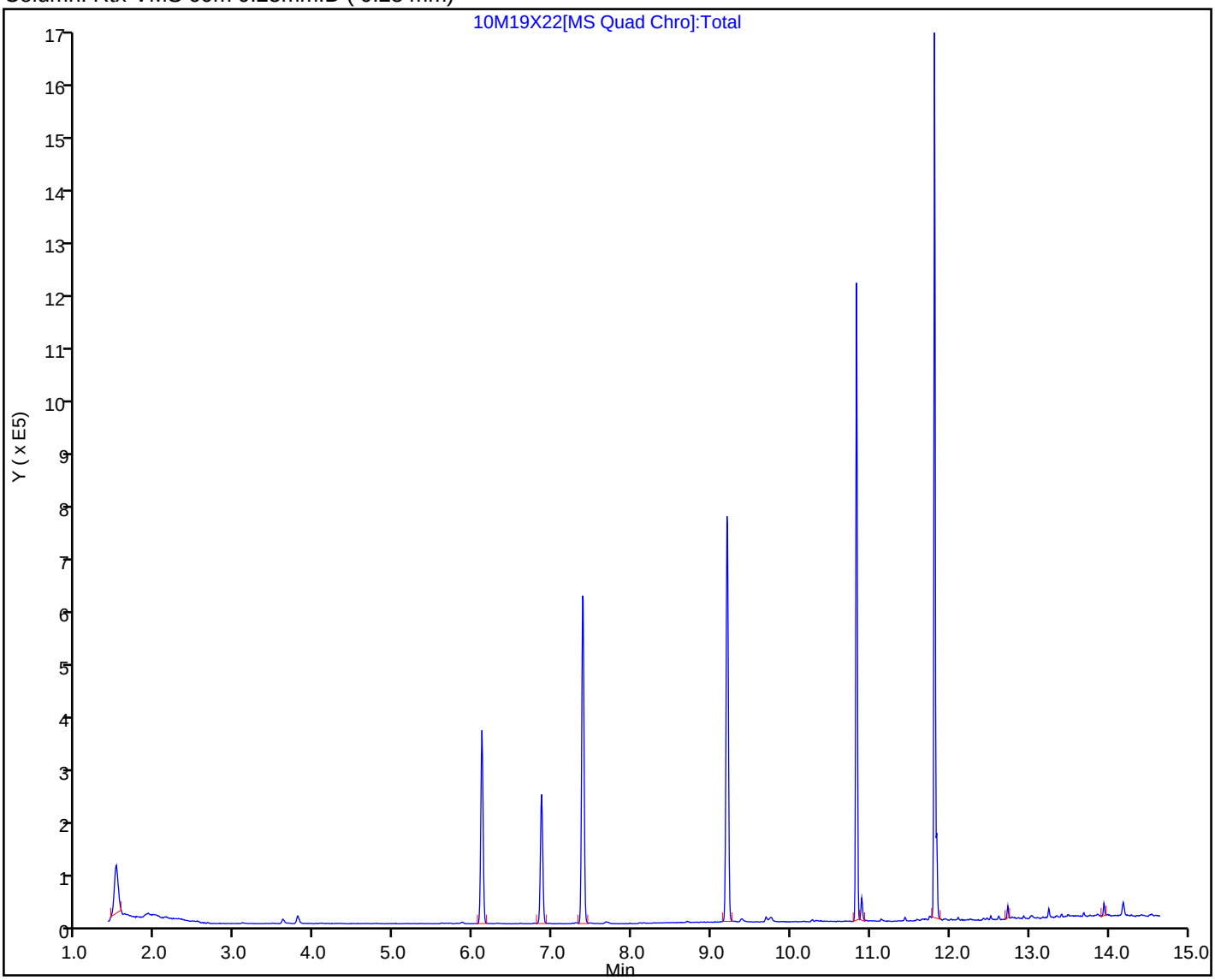
AIRIS200 ppb_00659 Amount Added: 10.00 Units: mL Run Reagent

Report Date: 20-Mar-2026 20:38:21 Chrom Revision: 2.3 18-Mar-2026 19:51:28

Eurofins Lancaster Laboratories Environment Testing, LLC

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Client ID:	262				
Operator ID:	cv118168	ALS Bottle#:	16	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		

Column: Rtx-VMS 60m 0.25mmID (0.25 mm)

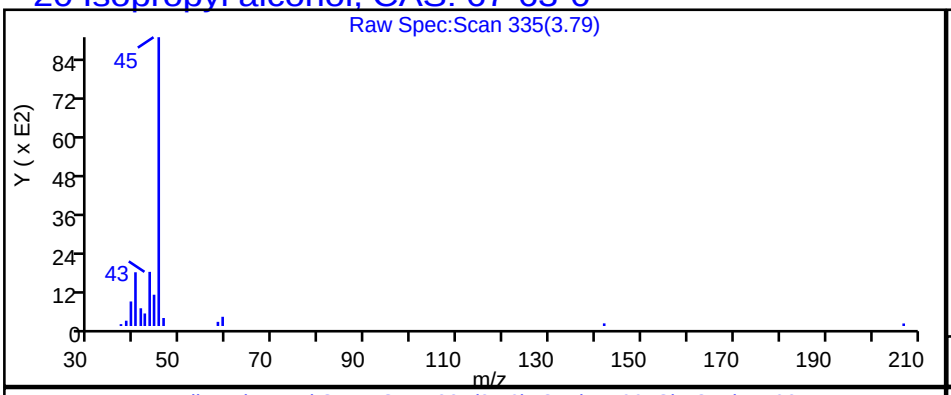


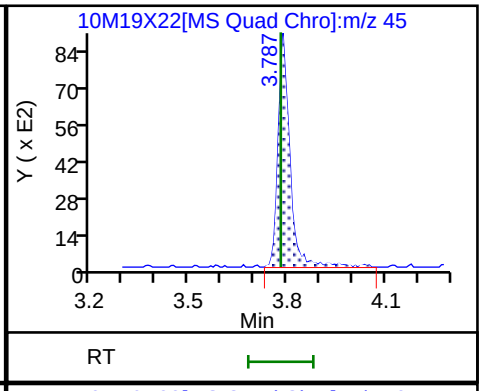
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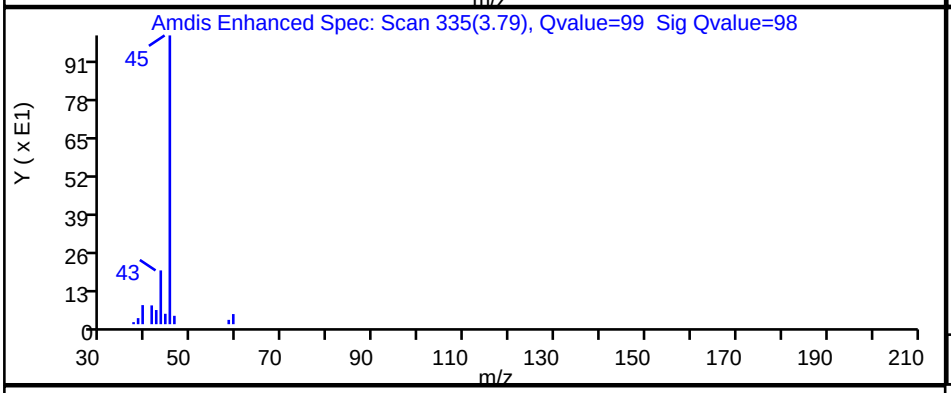
Eurofins Lancaster Laboratories Environment Testing, LLC

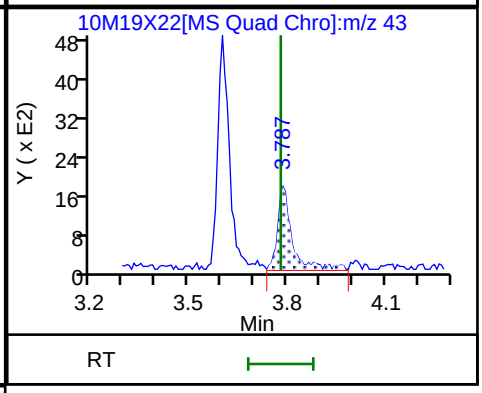
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Lims ID:	410-271309-A-11	Lab Sample ID:	410-271309-11		
Client ID:	262				
Operator ID:	cv118168	ALS Bottle#:	16	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

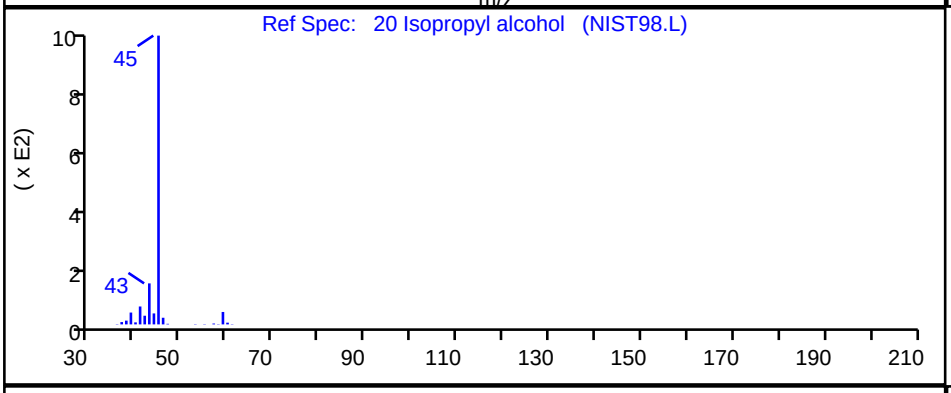
20 Isopropyl alcohol, CAS: 67-63-0

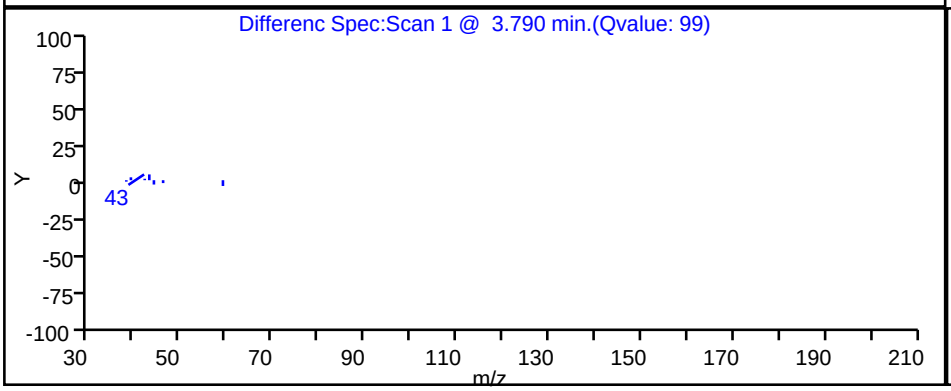


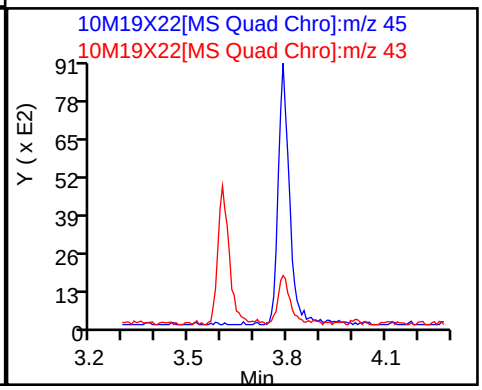












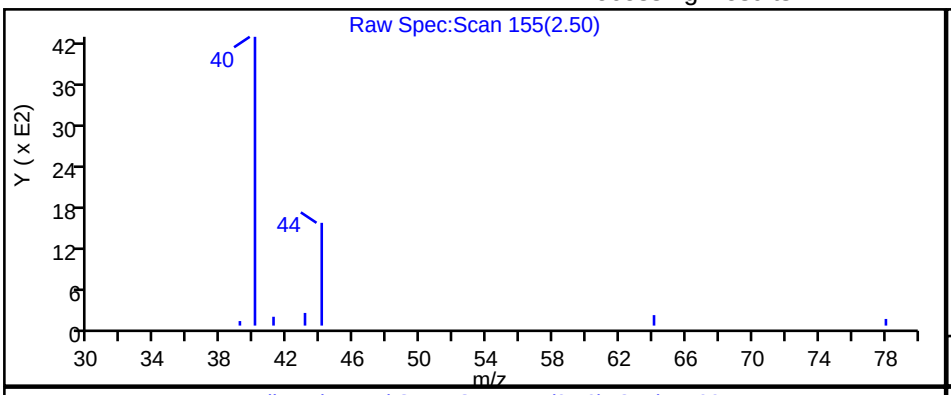
User Disabled Compound Report

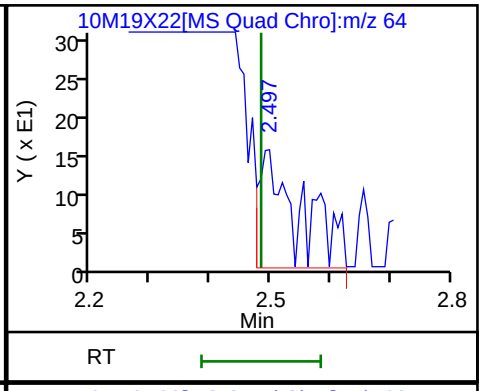
Eurofins Lancaster Laboratories Environment Testing, LLC

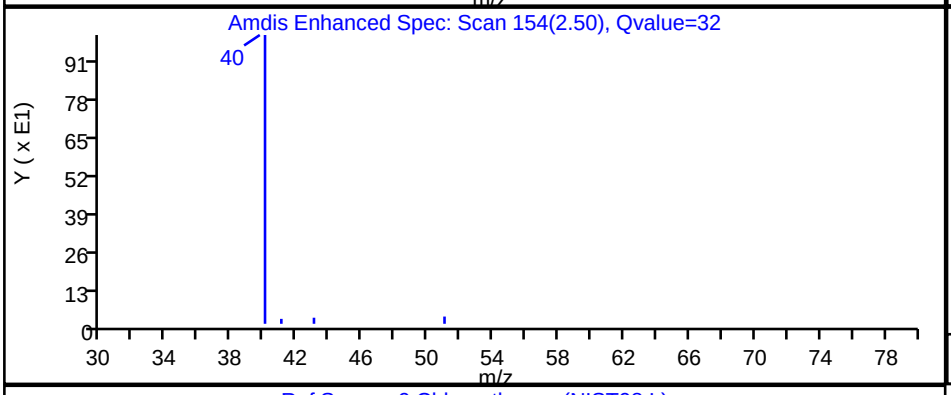
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Lims ID:	410-271309-A-11	Lab Sample ID:	410-271309-11		
Client ID:	262				
Operator ID:	cv118168	ALS Bottle#:	16	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

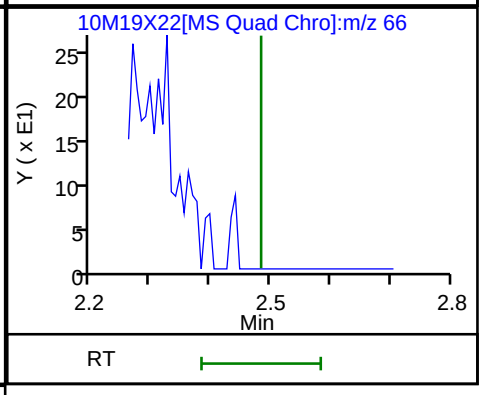
9 Chloroethane, CAS: 75-00-3

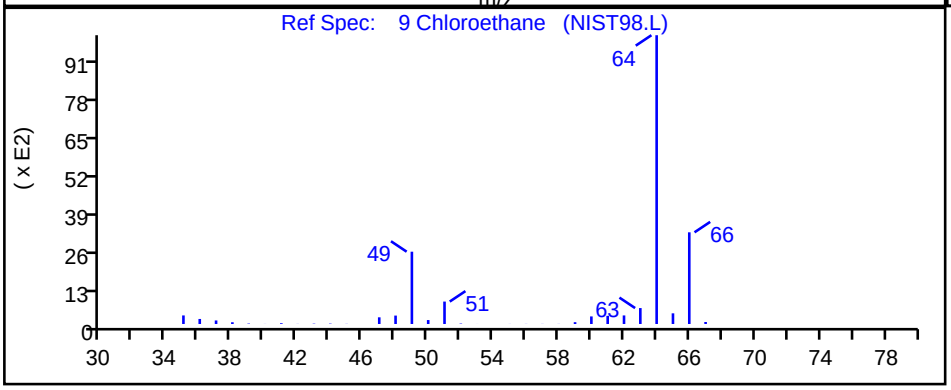
Processing Results











RT	Mass	Response	Amount
2.50	64.00	719	0.105349
2.48	66.00	0	

Reviewer: XU8K, 20-Mar-2026 18:11:01 -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

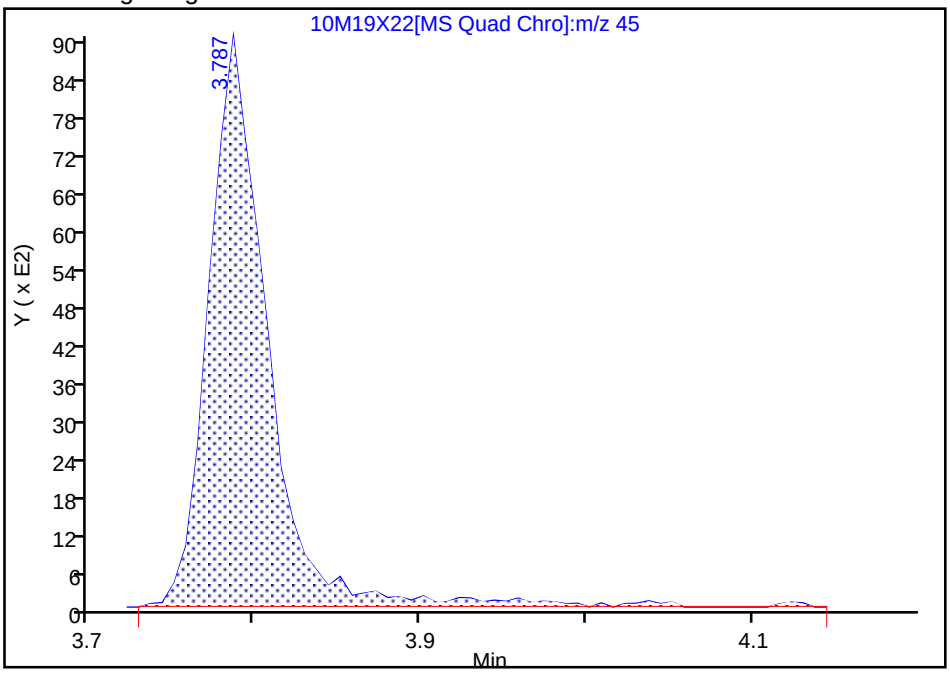
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Lims ID:	410-271309-A-11	Lab Sample ID:	410-271309-11		
Client ID:	262				
Operator ID:	cv118168	ALS Bottle#:	16	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

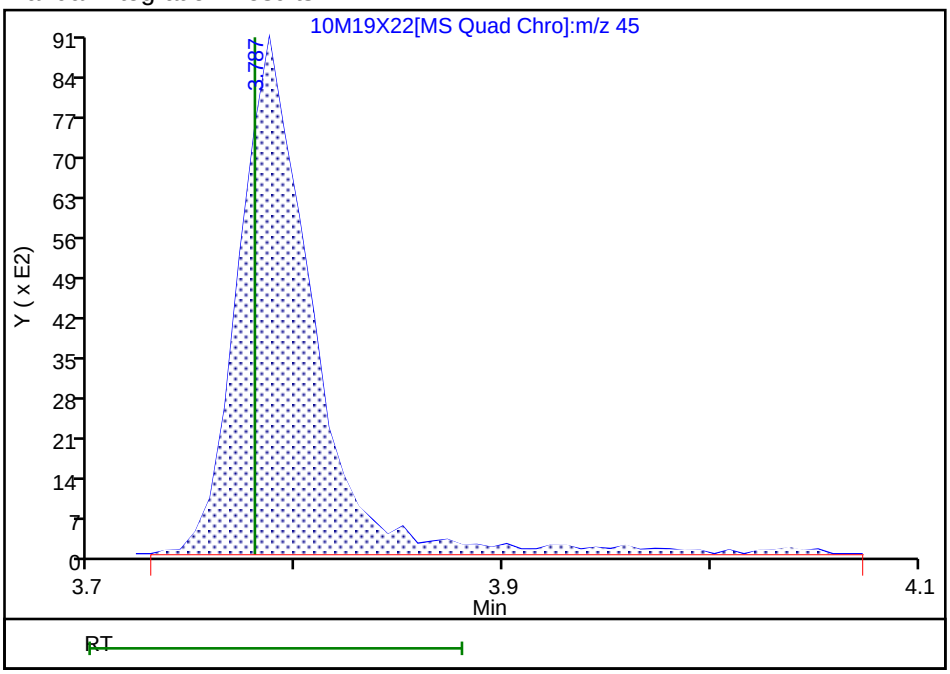
Processing Integration Results

RT: 3.79
Area: 22579
Amount: 1.248107
Amount Units: ppb v/v



Manual Integration Results

RT: 3.79
Area: 22494
Amount: 1.243409
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:11:10 -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

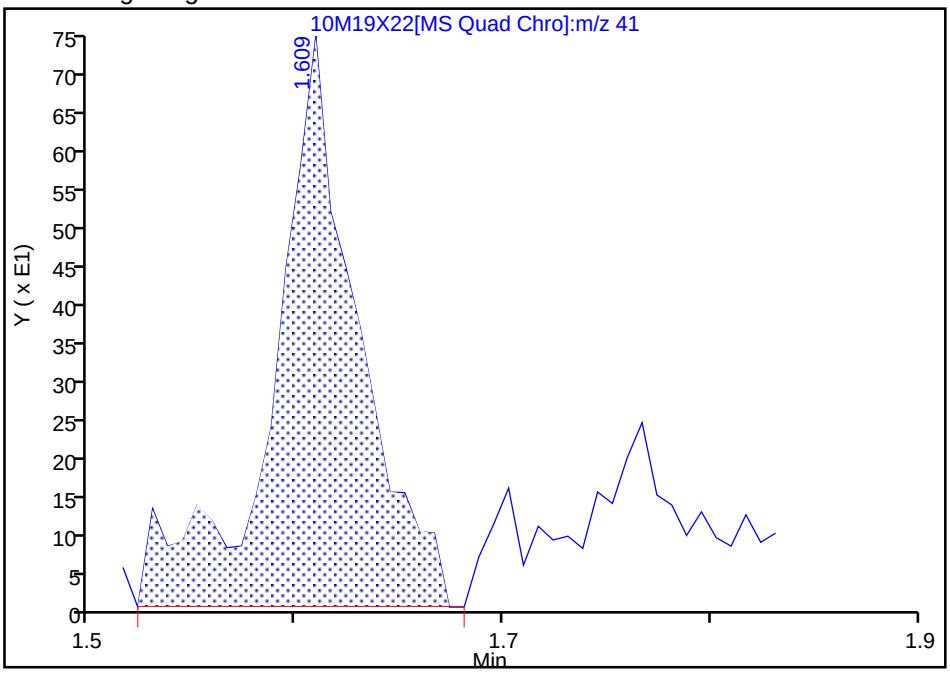
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Lims ID:	410-271309-A-11	Lab Sample ID:	410-271309-11		
Client ID:	262				
Operator ID:	cv118168	ALS Bottle#:	16	Worklist Smp#:	21
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_HP4RA38	Limit Group:	MSV - TO15		
Column:	Rtx-VMS 60m 0.25mmID (0.25 mm)	Detector	MS Quad		

1 Propene, CAS: 115-07-1

Signal: 1

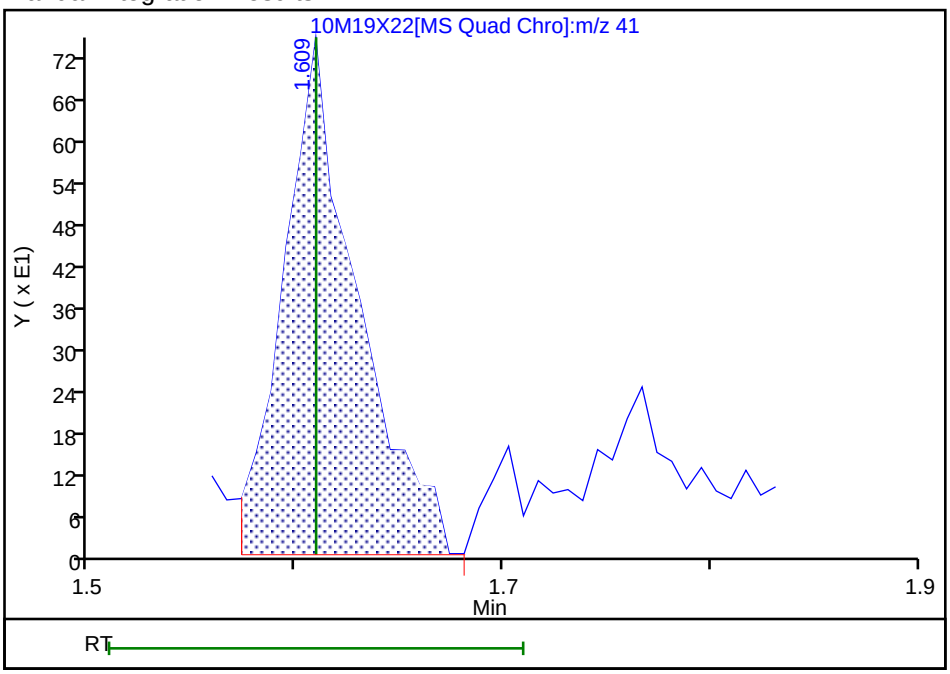
Processing Integration Results

RT: 1.61
Area: 2126
Amount: 0.273951
Amount Units: ppb v/v



Manual Integration Results

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Area: 1843
Amount: 0.237484
Amount Units: ppb v/v



Reviewer: XU8K, 20-Mar-2026 18:10:54 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

APPENDIX E

Tenant Notification Letter

ROUX

October 21, 2026

W. Arya, Inc.
1360 Main Street
Shrub Oak, NY 10588

RE: Tenant Notification Letter – 4 Season Cleaners – Drycleaner
Shrub Oak Shopping Center - 1360 East Main Street, Shrub Oak, New York 10588
Vapor Intrusion Investigation Results
NYSDEC Brownfield Cleanup Program Site No. C360117

To Whom It May Concern:

Disclosure: Environmental Conservation Law 27-2405 requires property owners or owners' agents (such as landlords) to notify all of their tenants and occupants of any test results related to indoor air contamination associated with soil vapor intrusion (SVI) that they receive from certain persons and entities. The law applies to both residential and non-residential properties. More information regarding the tenant notification law and your obligations can be found at: http://www.dec.ny.gov/regulations/55739.html

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of Shrub Oak Partners, LLC, the owner of the Shrub Oak Shopping Center, conducted a Vapor Intrusion Investigation at the property located at 1336–1378 East Main Street in the Town of Yorktown, New York (the Site).

The Site was accepted into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) on January 27, 2014, and is identified as BCP Site #C360117. The Site is currently being investigated for the presence of chlorinated solvents associated with former and current site operations.

On April 8, 2026, Roux implemented the NYSDEC- and NYSDOH-approved Vapor Intrusion Investigation Work Plan (VII WP). As part of the investigation, indoor air, outdoor air, sub-slab soil vapor, and/or soil vapor samples were collected and evaluated using the following criteria:

- NYSDOH Vapor Intrusion Guidance using Soil Vapor/Indoor Air Matrices (A through F), which compare contaminant concentrations across different media (e.g., soil vapor, sub-slab vapor, and indoor air) and provide recommended response actions including "No Further Action," "Monitor," "Identify Source(s), Resample, or Mitigate," and "Mitigate," and;
- NYSDOH Vapor Intrusion Guidance Table 3.1, which provides Indoor Air Guidance Values (IAGVs).

Based on the sample results collected at 4 Season Cleaners - Drycleaner, the recommended action is:

[X]: No Further Action for other NYSDOH Matrix-related compounds
[ ]: Identify Source(s) and Resample or Mitigate
[X]: Monitor for PCE
[X]: Mitigate for TCE

The recommended mitigation and monitoring measures are currently being designed by the environmental consultant and will be submitted to NYSDEC for regulatory approval prior to

3950.0001Y136/L

implementation at the Site. Pending completion and approval of the final remedial design, the existing SSDS will remain in operation as an interim remedial measure to mitigate vapor intrusion.

In addition, the following best management practices and mitigation measures are recommended:

- For dry- cleaning operations, use Eco-Friendly Solvents, NYSDEC approved products, instead of traditional PCE/PERC contained products
- Train staff on chemical handling
- Ensure proper disposal of hazardous waste in accordance with local regulations
- Check and maintain air filters
- Seal all cracks and openings in the floor and wall of the tenant space;

Enclosed are fact sheets for PCE and TCE, as well as an informational sheet on volatile organic compounds commonly found in consumer and commercial products (see Appendix A through C).

If you would like a copy of the full VII results, or if you have any questions regarding the ongoing environmental investigation at the Site, please contact NYSDEC Case Manager, Matthew Hubicki, at (518) 402 9605.

Sincerely,

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

Camila Israel
Senior Engineer II

Frank Cherena, P.G.
Principal Hydrogeologist / Executive Vice President

Enclosures:

Appendix A. PCE Factsheets

Appendix B. TCE Factsheet

Appendix C. Volatile Organic Compounds (VOCs) in Commonly Used Products

New York State Department of Health
Tenant Notification Fact Sheet for Tetrachloroethene (Perc)

This fact sheet is provided to fulfill New York State Department of Health (NYS DOH) requirements for preparation of generic fact sheets under Article 27 (Title 24, Section 27-2405) of the Environmental Conservation Law.

Tetrachloroethene (Perc)

Tetrachloroethene (also known as perchloroethylene or Perc) is a man-made volatile organic chemical that is widely used in the dry-cleaning of fabrics, including clothes, and in manufacturing other chemicals. It was also used for degreasing metal parts and in consumer products, including some paint and spot removers, water repellents, brake and wood cleaners, glues, and suede protectors.

Sources of Perc in Indoor Air

Household products containing Perc could be a possible source for Perc in indoor air. Perc also may evaporate from dry-cleaned clothes or dry-cleaning operations into indoor air. Another source could be evaporation from contaminated well water that is used for household purposes. Perc may also enter homes through soil vapor intrusion, which occurs when the chemical evaporates from groundwater, enters soil vapor (air spaces between soil particles), and migrates through building foundations into the building's indoor air. Perc has also been found at low concentrations in outdoor air.

Levels Typically Found in Air

The NYS DOH reviewed and compiled information from studies in New York State as well as from homes and office buildings across the United States on typical levels of Perc in indoor and outdoor air. Levels of Perc in the indoor air of homes and office settings and in outdoor air are expected to be below 10 micrograms per cubic meter (mcg/m^3).

Health Risks Associated with Exposure

An association exists between exposure of people in the workplace to high levels of Perc in air and certain forms of cancer. Perc causes cancer in laboratory animals exposed to high levels over their lifetimes. Overall, the studies of humans and in animals do not prove that Perc causes cancer in people, but are highly suggestive that there may be an increased risk for cancer in people who are exposed to Perc (particularly at high concentrations) over long periods of time

People exposed to high levels of Perc in air had nervous system effects and slight changes to their liver and kidneys. Some studies show a slightly increased risk for some types of reproductive effects among workers (including dry-cleaning workers) exposed to Perc and other chemicals. The reproductive effects associated with exposure included increased risks for spontaneous abortion, menstrual and sperm disorders, and reduced fertility. The data suggest, but do not prove, that the effects were caused by Perc and not by some other factor or factors. Exposure to high levels of Perc has caused liver and kidney damage in laboratory animals and effects on the nervous system. Taken together, the human and animal studies indicate that human exposure to high levels of Perc causes effects on the nervous system, and suggest that human exposure to high levels of Perc may increase the risk for liver and kidney toxicity.

NYS DOH Air Guideline

The NYS DOH guideline for Perc in air is 30 mcg/m^3. This level is lower than the levels that have caused health effects in animals and humans. The guideline is based on the assumption that people

are continuously exposed to Perc in air all day, every day for as long as a lifetime. This is rarely true for most people who, if exposed, are likely to be exposed for only part of the day and part of their lifetime. In setting this level, the NYS DOH also considered the possibility that certain members of the population (infants, children, the elderly, and those with pre-existing health conditions) may be especially sensitive to the effects of Perc.

The purpose of the guideline is to help guide decisions about the nature of the efforts to reduce Perc exposure. Reasonable and practical actions should be taken to reduce Perc exposure when indoor air levels are above those typically found in indoor air, even when they are below the guideline of 30 mcg/m^3. The urgency to take actions increases as indoor air levels increase, especially when air levels are above the guideline. The NYS DOH recommends taking immediate action to reduce exposure when an air level is ten times or more higher than the guideline (that is, when the air level is 300 mcg/m^3 or higher).

Ways to Limit Exposure to Perc in Indoor Air

In all cases, the specific actions to limit exposure to Perc in indoor air depend on a case-by-case evaluation of the situation. Removing household sources of Perc and maintaining adequate ventilation will usually help reduce indoor air levels of the chemical. A sub-slab depressurization system can reduce the amount of Perc entering indoor air by soil vapor intrusion. Use of an activated carbon filter on the water supply can reduce the amount of the chemical in contaminated well water that could evaporate into indoor air.

Reportable Detection Level

The reportable detection level for a chemical can vary depending on the analytical method used, the laboratory performing the analysis, and several other factors. Most laboratories that use the analytical methods recommended by the NYS DOH for measuring Perc in air (and approved by the National Environmental Laboratory Accreditation Conference or New York State's Environmental Laboratory Approval Program) can routinely detect the chemical at concentrations below 1 mcg/m^3.

Additional Information

Additional information on Perc, ways to reduce exposure, indoor air contamination resulting from soil vapor intrusion, indoor and outdoor air levels and the Environmental Conservation Law can be found on the NYS DOH website at www.health.state.ny.us/environmental/indoors/air/contaminants.

If you have further questions about Perc and the information in this fact sheet, please call the NYS DOH at 1-518-402-7800 or 1-800-458-1158 (extension 2-7800), e-mail to **ceheduc@health.state.ny.us**, or write to the following address:

New York State Department of Health
Center for Environmental Health
Outreach and Education Group
Empire State Plaza-Corning Tower, Room 1642
Albany, New York 12237

New York State Department of Health
December, 2013

Trichloroethene (TCE) in Indoor and Outdoor Air

About Trichloroethene

Trichloroethene (also known as trichloroethylene or TCE) is a human-made chemical. TCE is volatile, meaning it readily evaporates into the air at room temperature, where people can sometimes smell it. It is used as a solvent to remove grease from metal, spots from clothing, and as a paint stripper. It is also an ingredient in paints, varnishes, adhesives, and in making other products like furniture and electric/electronic equipment.

Exposure to TCE

People can be exposed to TCE from air, water, food, or skin contact with material and soils containing it. The most common TCE exposures come from breathing indoor air where it is present. However, most people are exposed to TCE at concentrations that are much lower than those known to cause health effects.

Health Risks

TCE exposure can cause health effects on the central nervous system, liver, kidneys, and immune system, and can affect fetal heart development during pregnancy. The United States Environmental Protection Agency classifies TCE as a chemical that causes cancer in humans. As with all exposures, whether or not a person experiences a health effect depends on how much of a chemical they are exposed to, how often the exposure occurs, and how long the exposures last. Individual characteristics such as age, health, lifestyle, and genetics also play a role. If you are concerned about exposure to TCE, talk with a health care provider.

Sources

TCE can get into indoor air when products containing it are used, like glues, adhesives, paint removers, spot removers, and metal cleaners. TCE can also evaporate into the air from household water that comes from contaminated water wells. TCE can enter homes through soil vapor intrusion, which occurs when chemicals evaporate from contaminated groundwater into the air spaces between soil particles and migrate inside through cracks or other openings in a building's foundation. TCE gets into outdoor air when it is released from industrial facilities and when it evaporates from areas where chemical wastes are stored or disposed.

Levels Typically Found in Air

The background indoor air concentrations in homes and office buildings not near known environmental sources of TCE are almost always 1 microgram per cubic meter of air (1 mcg/m^3) or less. Background outdoor air levels also are almost always 1 mcg/m^3 or less.

Ways to Limit Indoor Air Exposure

The specific recommended action depends on a case-by-case evaluation of the situation. In many cases, removing household sources and maintaining adequate ventilation will help reduce indoor air levels. A sub-slab depressurization system can reduce the amount of TCE entering indoor air by soil vapor intrusion. TCE can also evaporate into the air from household water that comes from contaminated water wells. In these cases, using an activated carbon filter on the water supply also can help reduce the amount of TCE in indoor air.

Guidelines

The New York State Department of Health recommends that TCE concentrations in the air not exceed 2 mcg/m^3. This guideline was set at a level below those known or suspected of causing health effects in people and animals. The guideline also assumes that people are continuously exposed to TCE in air, all day, every day, over a lifetime. This is a health protective assumption because most people are not exposed to TCE continuously throughout their life.

The TCE guideline is used to help guide decisions about efforts to reduce TCE exposure. The higher the concentration that TCE is above the guideline level, the greater the urgency to take action to reduce exposure. However, as with all chemicals, reducing exposure is always recommended when concentrations in the air are above background levels.

There is usually a significant TCE source when indoor air concentrations are much greater than the TCE guideline level. New York State Department of Health recommends taking immediate and effective action to reduce exposures when TCE levels in the air are 20 mcg/m^3 and greater. This concentration is based on concerns about TCE exposure during pregnancy, particularly during the first trimester, because TCE exposure is a risk factor for fetal heart defects. The specific recommended action depends on a case-by-case evaluation of the situation.

More Information

- Visit www.health.ny.gov/environmental/chemicals/trichloroethene/ for additional technical information.
- Contact us with any questions or concerns about TCE exposure
  phone: 1-518-402-7800, e-mail btsa@health.ny.gov, or mail:

  New York State Department of Health Bureau of Toxic Substance
  Assessment Corning Tower, Room 1743
  Empire State Plaza, Albany, NY 12237

Volatile Organic Compounds (VOCs) in Commonly Used Products

People spend most of their time indoors – at home, school and work. This makes the quality of the indoor air you breathe important. This fact sheet focuses on certain kinds of chemicals called *volatile organic compounds* or *VOCs* that are found in many products that we commonly use. It is designed to help you think about what VOCs may be present in your indoor air and steps you can take to reduce them.

What are VOCs?

VOCs are chemicals that easily enter the air as gases from some solids or liquids. They are ingredients in many commonly used products and are in the air of just about every indoor setting. The table to the right shows some examples of products that contain VOCs.

How do VOCs get into indoor air?

Products containing VOCs can release these chemicals when they are used and when they are stored. Many times you'll notice an odor when using these products. Product labels often list VOC ingredients and recommend that they should be used in well ventilated areas. *Ventilation* means bringing in fresh, outdoor air to mix with indoor air.

When you use a product containing VOCs indoors, the levels of these chemicals in the air increase, then decrease over time after you stop using them. The amount of time the chemical stays in the air depends on how quickly fresh air enters the room and the amount of the chemical used. Levels of VOCs will decrease faster if you open windows or doors, or use exhaust fans.

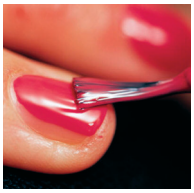
Building materials and furnishings, such as new carpets or furniture, slowly release VOCs over time. It may be necessary to ventilate areas with new carpeting or furniture for longer time periods because VOC levels can build up again after the windows are closed. If possible, unroll new carpets or store furniture outside your home (in a shed or detached garage) to minimize odors before bringing them in the home. If that's not possible, open windows, close doors and try to stay out of rooms until odors are reduced.

If VOC containing products are used outdoors near your home, you may want to close windows and nearby vents to prevent chemicals from coming inside.

Products used at home or work can release VOCs into the air when used and stored.







Examples of Household Products	Possible VOC Ingredients
Fuel containers or devices using gasoline, kerosene, fuel oil and products with petroleum distillates: paint thinner, oil-based stains and paint, aerosol or liquid insect pest products, mineral spirits, furniture polishes	BTEX (benzene, toluene, ethylbenzene, xylene), hexane, cyclohexane, 1,2,4-trimethylbenzene
Personal care products: nail polish, nail polish remover, colognes, perfumes, rubbing alcohol, hair spray	Acetone, ethyl alcohol, isopropyl alcohol, methacrylates (methyl or ethyl), ethyl acetate
Dry cleaned clothes, spot removers, fabric/ leather cleaners	Tetrachloroethene (perchloroethene (PERC), trichloroethene (TCE))
Citrus (orange) oil or pine oil cleaners, solvents and some odor masking products	d-limonene (citrus odor), a-pinene (pine odor), isoprene
PVC cement and primer, various adhesives, contact cement, model cement	Tetrahydrofuran, cyclohexane, methyl ethyl ketone (MEK), toluene, acetone, hexane, 1,1,1-trichloroethane, methyl-iso-butyl ketone (MIBK)
Paint stripper, adhesive (glue) removers	Methylene chloride, toluene, older products may contain carbon tetrachloride
Degreasers, aerosol penetrating oils, brake cleaner, carburetor cleaner, commercial solvents, electronics cleaners, spray lubricants	Methylene chloride, PERC, TCE, toluene, xylenes, methyl ethyl ketone, 1,1,1-trichloroethane
Moth balls, moth flakes, deodorizers, air fresheners	1,4-dichlorobenzene, naphthalene
Refrigerant from air conditioners, freezers, refrigerators, dehumidifiers	Freons (trichlorofluoromethane, dichlorodifluoromethane)
Aerosol spray products for some paints, cosmetics, automotive products, leather treatments, pesticides	Heptane, butane, pentane
Upholstered furniture, carpets, plywood, pressed wood products	Formaldehyde

VOCs can also get into indoor air from contaminated soils and groundwater under buildings. The chemicals enter buildings through cracks and openings in basements or slabs. When nearby soil or groundwater is contaminated, you might be asked for permission to investigate indoor air at your property. More information can be found at *www.nyhealth.gov/environmental/indoors/vapor_intrusion/*.

Should I be surprised if VOCs are in the air I breathe?

No. Because they are commonly used, some VOCs are almost always found in indoor air. The New York State Department of Health (DOH) and other agencies have studied typical levels of VOCs that may be present in indoor and outdoor air. Sometimes these levels are called "*background levels*".

The term "background levels" can be confusing because they can vary depending on where an air sample was collected and whether VOCs were used or stored. For example, a study of VOCs in urban areas might find higher levels than another study in rural areas. Some studies look at office environments, others examine residences. Please keep in mind study findings may or may not make sense for your setting.

More information about levels of VOCs collected by DOH is available in Appendix C of the guidance for evaluating vapor intrusion at *www.nyhealth.gov/environmental/investigations/soil_gas/svi_guidance.*

How can VOCs affect human health?

Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure*. No matter how dangerous a substance or activity is, it cannot harm you without exposure.

Whether or not a person will have health effects after breathing in VOCs depends on:

The *toxicity* of the chemical (the amount of harm that can be caused by contact with the chemical).
How much of the chemical is in the air.
How long and how often the air is breathed.

Differences in age, health condition, gender and exposure to other chemicals also can affect whether or not a person will have health effects.

Short-term exposure to high levels of some VOCs can cause headaches, dizziness, light-headedness, drowsiness, nausea, and eye and respiratory irritation. These effects usually go away after the exposure stops. In laboratory animals, long-term exposure to high levels of some VOCs has caused cancer and affected the liver, kidney and nervous system. In general, we recommend minimizing exposure to chemicals, if possible.

How can I reduce the levels of VOCs indoors?

Find out if products used or stored in your home contain VOCs. Information about the chemicals in many household products are listed on the front of this fact sheet and a larger list is on the National Institute of Health's website at *hpd.nlm.nih.gov/products.htm*.

If you must store products containing VOCs, do so in tightly sealed, original containers in a secure and well-ventilated area. If possible store products in places where people do not spend much time, such as a garage or outdoor shed. Better yet, buy these products in amounts that are used quickly.

Dispose of unneeded products containing VOCs. Many of these products are considered *household hazardous wastes* and should be disposed of at special facilities or during special household hazardous waste collection programs in your area. Contact your town or visit the New York State Department of Environmental Conservation's website at *www.dec.ny.gov/chemical/8485.html* for more information about disposing of these products.

Use products containing VOCs in well-ventilated areas or outdoors. Open windows and doors or use an exhaust fan to increase ventilation. Repeated or prolonged ventilation may be necessary for reducing levels from building materials (new carpeting or furniture) that release VOCs slowly over time.

Carefully read labels and follow directions for use.

Where can I find out more?

- **New York State Department of Health**
  www.health.ny.gov/environmental
- **New York State Department of Environmental Conservation**
  www.dec.ny.gov/chemical/8485.html
- **NYSERDA's Indoor Air Quality and Your Home**
  www.nyserda.ny.gov/-/media/Files/Publications/Research/Other-Technical-Reports/indoor-air-quality.pdf
  USEPA information on Indoor Air Quality
  www.epa.gov/iaq/pubs/index.html
- **New York State Department of Environmental Conservation**
  www.dec.ny.gov/chemical/8485.html
- **National Institute of Health**
  http://hpd.nlm.nih.gov/products.htm

NEW YORK STATE | Department of Health

6513 5/18

ROUX

October 21, 2026

United States Postal Service
East Leasing Team
PO Box 27497
Greensboro, NC 27498-1103

RE: Tenant Notification Letter – United States Postal Service
Shrub Oak Shopping Center - 1360 East Main Street, Shrub Oak, New York 10588
Vapor Intrusion Investigation Results
NYSDEC Brownfield Cleanup Program Site No. C360117

To Whom It May Concern:

Disclosure: Environmental Conservation Law 27-2405 requires property owners or owners' agents (such as landlords) to notify all of their tenants and occupants of any test results related to indoor air contamination associated with soil vapor intrusion (SVI) that they receive from certain persons and entities. The law applies to both residential and non-residential properties. More information regarding the tenant notification law and your obligations can be found at: http://www.dec.ny.gov/regulations/55739.html

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of Shrub Oak Partners, LLC, the owner of the Shrub Oak Shopping Center, conducted a Vapor Intrusion Investigation at the property located at 1336–1378 East Main Street in the Town of Yorktown, New York (the Site).

The Site was accepted into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) on January 27, 2014, and is identified as BCP Site #C360117. The Site is currently being investigated for the presence of chlorinated solvents associated with former and current site operations.

On April 8, 2026, Roux implemented the NYSDEC- and NYSDOH-approved Vapor Intrusion Investigation Work Plan (VII WP). As part of the investigation, indoor air, outdoor air, sub-slab soil vapor, and/or soil vapor samples were collected and evaluated using the following criteria:

- NYSDOH Vapor Intrusion Guidance using Soil Vapor/Indoor Air Matrices (A through F), which compare contaminant concentrations across different media (e.g., soil vapor, sub-slab vapor, and indoor air) and provide recommended response actions including "No Further Action," "Monitor," "Identify Source(s), Resample, or Mitigate," and "Mitigate," and;
- NYSDOH Vapor Intrusion Guidance Table 3.1, which provides Indoor Air Guidance Values (IAGVs).

Based on the sample results collected at United States Postal Service, the recommended action is:

[ ]: No Further Action
[ ]: Identify Source(s) and Resample or Mitigate
[ ]: Monitor
[X]: Mitigate for TCE

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The recommended mitigation measures are currently being designed by the environmental consultant and will be submitted to NYSDEC for regulatory approval prior to implementation at the Site. Pending completion and approval of the final remedial design, the existing SSDS will remain in operation as an interim remedial measure to mitigate vapor intrusion.

In addition, the following best management practices and mitigation measures are recommended, as applicable:

- For dry- cleaning operations, use Eco-Friendly Solvents, NYSDEC approved products, instead of traditional PCE/PERC contained products
- Train staff on chemical handling
- Ensure proper disposal of hazardous waste in accordance with local regulations
- Check and maintain air filters
- Seal all cracks and openings in the floor and wall of the tenant space;

Enclosed are fact sheets for PCE and TCE, as well as an informational sheet on volatile organic compounds commonly found in consumer and commercial products (see Appendix A through C).

If you would like a copy of the full VII results, or if you have any questions regarding the ongoing environmental investigation at the Site, please contact NYSDEC Case Manager, Matthew Hubicki, at (518) 402 9605.

Sincerely,

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

Camila Israel
Senior Engineer II

Frank Cherena, P.G.
Principal Hydrogeologist / Executive Vice President

Enclosures:

Appendix A. PCE Factsheets

Appendix B. TCE Factsheet

Appendix C. Volatile Organic Compounds (VOCs) in Commonly Used Products

New York State Department of Health
Tenant Notification Fact Sheet for Tetrachloroethene (Perc)

This fact sheet is provided to fulfill New York State Department of Health (NYS DOH) requirements for preparation of generic fact sheets under Article 27 (Title 24, Section 27-2405) of the Environmental Conservation Law.

Tetrachloroethene (Perc)

Tetrachloroethene (also known as perchloroethylene or Perc) is a man-made volatile organic chemical that is widely used in the dry-cleaning of fabrics, including clothes, and in manufacturing other chemicals. It was also used for degreasing metal parts and in consumer products, including some paint and spot removers, water repellents, brake and wood cleaners, glues, and suede protectors.

Sources of Perc in Indoor Air

Household products containing Perc could be a possible source for Perc in indoor air. Perc also may evaporate from dry-cleaned clothes or dry-cleaning operations into indoor air. Another source could be evaporation from contaminated well water that is used for household purposes. Perc may also enter homes through soil vapor intrusion, which occurs when the chemical evaporates from groundwater, enters soil vapor (air spaces between soil particles), and migrates through building foundations into the building's indoor air. Perc has also been found at low concentrations in outdoor air.

Levels Typically Found in Air

The NYS DOH reviewed and compiled information from studies in New York State as well as from homes and office buildings across the United States on typical levels of Perc in indoor and outdoor air. Levels of Perc in the indoor air of homes and office settings and in outdoor air are expected to be below 10 micrograms per cubic meter (mcg/m^3).

Health Risks Associated with Exposure

An association exists between exposure of people in the workplace to high levels of Perc in air and certain forms of cancer. Perc causes cancer in laboratory animals exposed to high levels over their lifetimes. Overall, the studies of humans and in animals do not prove that Perc causes cancer in people, but are highly suggestive that there may be an increased risk for cancer in people who are exposed to Perc (particularly at high concentrations) over long periods of time

People exposed to high levels of Perc in air had nervous system effects and slight changes to their liver and kidneys. Some studies show a slightly increased risk for some types of reproductive effects among workers (including dry-cleaning workers) exposed to Perc and other chemicals. The reproductive effects associated with exposure included increased risks for spontaneous abortion, menstrual and sperm disorders, and reduced fertility. The data suggest, but do not prove, that the effects were caused by Perc and not by some other factor or factors. Exposure to high levels of Perc has caused liver and kidney damage in laboratory animals and effects on the nervous system. Taken together, the human and animal studies indicate that human exposure to high levels of Perc causes effects on the nervous system, and suggest that human exposure to high levels of Perc may increase the risk for liver and kidney toxicity.

NYS DOH Air Guideline

The NYS DOH guideline for Perc in air is 30 mcg/m^3. This level is lower than the levels that have caused health effects in animals and humans. The guideline is based on the assumption that people

are continuously exposed to Perc in air all day, every day for as long as a lifetime. This is rarely true for most people who, if exposed, are likely to be exposed for only part of the day and part of their lifetime. In setting this level, the NYS DOH also considered the possibility that certain members of the population (infants, children, the elderly, and those with pre-existing health conditions) may be especially sensitive to the effects of Perc.

The purpose of the guideline is to help guide decisions about the nature of the efforts to reduce Perc exposure. Reasonable and practical actions should be taken to reduce Perc exposure when indoor air levels are above those typically found in indoor air, even when they are below the guideline of 30 mcg/m^3. The urgency to take actions increases as indoor air levels increase, especially when air levels are above the guideline. The NYS DOH recommends taking immediate action to reduce exposure when an air level is ten times or more higher than the guideline (that is, when the air level is 300 mcg/m^3 or higher).

Ways to Limit Exposure to Perc in Indoor Air

In all cases, the specific actions to limit exposure to Perc in indoor air depend on a case-by-case evaluation of the situation. Removing household sources of Perc and maintaining adequate ventilation will usually help reduce indoor air levels of the chemical. A sub-slab depressurization system can reduce the amount of Perc entering indoor air by soil vapor intrusion. Use of an activated carbon filter on the water supply can reduce the amount of the chemical in contaminated well water that could evaporate into indoor air.

Reportable Detection Level

The reportable detection level for a chemical can vary depending on the analytical method used, the laboratory performing the analysis, and several other factors. Most laboratories that use the analytical methods recommended by the NYS DOH for measuring Perc in air (and approved by the National Environmental Laboratory Accreditation Conference or New York State's Environmental Laboratory Approval Program) can routinely detect the chemical at concentrations below 1 mcg/m^3.

Additional Information

Additional information on Perc, ways to reduce exposure, indoor air contamination resulting from soil vapor intrusion, indoor and outdoor air levels and the Environmental Conservation Law can be found on the NYS DOH website at www.health.state.ny.us/environmental/indoors/air/contaminants.

If you have further questions about Perc and the information in this fact sheet, please call the NYS DOH at 1-518-402-7800 or 1-800-458-1158 (extension 2-7800), e-mail to **ceheduc@health.state.ny.us**, or write to the following address:

New York State Department of Health
Center for Environmental Health
Outreach and Education Group
Empire State Plaza-Corning Tower, Room 1642
Albany, New York 12237

New York State Department of Health
December, 2013

Trichloroethene (TCE) in Indoor and Outdoor Air

About Trichloroethene

Trichloroethene (also known as trichloroethylene or TCE) is a human-made chemical. TCE is volatile, meaning it readily evaporates into the air at room temperature, where people can sometimes smell it. It is used as a solvent to remove grease from metal, spots from clothing, and as a paint stripper. It is also an ingredient in paints, varnishes, adhesives, and in making other products like furniture and electric/electronic equipment.

Exposure to TCE

People can be exposed to TCE from air, water, food, or skin contact with material and soils containing it. The most common TCE exposures come from breathing indoor air where it is present. However, most people are exposed to TCE at concentrations that are much lower than those known to cause health effects.

Health Risks

TCE exposure can cause health effects on the central nervous system, liver, kidneys, and immune system, and can affect fetal heart development during pregnancy. The United States Environmental Protection Agency classifies TCE as a chemical that causes cancer in humans. As with all exposures, whether or not a person experiences a health effect depends on how much of a chemical they are exposed to, how often the exposure occurs, and how long the exposures last. Individual characteristics such as age, health, lifestyle, and genetics also play a role. If you are concerned about exposure to TCE, talk with a health care provider.

Sources

TCE can get into indoor air when products containing it are used, like glues, adhesives, paint removers, spot removers, and metal cleaners. TCE can also evaporate into the air from household water that comes from contaminated water wells. TCE can enter homes through soil vapor intrusion, which occurs when chemicals evaporate from contaminated groundwater into the air spaces between soil particles and migrate inside through cracks or other openings in a building's foundation. TCE gets into outdoor air when it is released from industrial facilities and when it evaporates from areas where chemical wastes are stored or disposed.

Levels Typically Found in Air

The background indoor air concentrations in homes and office buildings not near known environmental sources of TCE are almost always 1 microgram per cubic meter of air (1 mcg/m^3) or less. Background outdoor air levels also are almost always 1 mcg/m^3 or less.

Ways to Limit Indoor Air Exposure

The specific recommended action depends on a case-by-case evaluation of the situation. In many cases, removing household sources and maintaining adequate ventilation will help reduce indoor air levels. A sub-slab depressurization system can reduce the amount of TCE entering indoor air by soil vapor intrusion. TCE can also evaporate into the air from household water that comes from contaminated water wells. In these cases, using an activated carbon filter on the water supply also can help reduce the amount of TCE in indoor air.

Guidelines

The New York State Department of Health recommends that TCE concentrations in the air not exceed 2 mcg/m^3. This guideline was set at a level below those known or suspected of causing health effects in people and animals. The guideline also assumes that people are continuously exposed to TCE in air, all day, every day, over a lifetime. This is a health protective assumption because most people are not exposed to TCE continuously throughout their life.

The TCE guideline is used to help guide decisions about efforts to reduce TCE exposure. The higher the concentration that TCE is above the guideline level, the greater the urgency to take action to reduce exposure. However, as with all chemicals, reducing exposure is always recommended when concentrations in the air are above background levels.

There is usually a significant TCE source when indoor air concentrations are much greater than the TCE guideline level. New York State Department of Health recommends taking immediate and effective action to reduce exposures when TCE levels in the air are 20 mcg/m^3 and greater. This concentration is based on concerns about TCE exposure during pregnancy, particularly during the first trimester, because TCE exposure is a risk factor for fetal heart defects. The specific recommended action depends on a case-by-case evaluation of the situation.

More Information

- Visit www.health.ny.gov/environmental/chemicals/trichloroethene/ for additional technical information.
- Contact us with any questions or concerns about TCE exposure
  phone: 1-518-402-7800, e-mail btsa@health.ny.gov, or mail:

  New York State Department of Health Bureau of Toxic Substance
  Assessment Corning Tower, Room 1743
  Empire State Plaza, Albany, NY 12237

Volatile Organic Compounds (VOCs) in Commonly Used Products

People spend most of their time indoors – at home, school and work. This makes the quality of the indoor air you breathe important. This fact sheet focuses on certain kinds of chemicals called *volatile organic compounds* or *VOCs* that are found in many products that we commonly use. It is designed to help you think about what VOCs may be present in your indoor air and steps you can take to reduce them.

What are VOCs?

VOCs are chemicals that easily enter the air as gases from some solids or liquids. They are ingredients in many commonly used products and are in the air of just about every indoor setting. The table to the right shows some examples of products that contain VOCs.

How do VOCs get into indoor air?

Products containing VOCs can release these chemicals when they are used and when they are stored. Many times you'll notice an odor when using these products. Product labels often list VOC ingredients and recommend that they should be used in well ventilated areas. *Ventilation* means bringing in fresh, outdoor air to mix with indoor air.

When you use a product containing VOCs indoors, the levels of these chemicals in the air increase, then decrease over time after you stop using them. The amount of time the chemical stays in the air depends on how quickly fresh air enters the room and the amount of the chemical used. Levels of VOCs will decrease faster if you open windows or doors, or use exhaust fans.

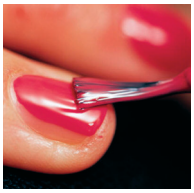
Building materials and furnishings, such as new carpets or furniture, slowly release VOCs over time. It may be necessary to ventilate areas with new carpeting or furniture for longer time periods because VOC levels can build up again after the windows are closed. If possible, unroll new carpets or store furniture outside your home (in a shed or detached garage) to minimize odors before bringing them in the home. If that's not possible, open windows, close doors and try to stay out of rooms until odors are reduced.

If VOC containing products are used outdoors near your home, you may want to close windows and nearby vents to prevent chemicals from coming inside.

Products used at home or work can release VOCs into the air when used and stored.







Examples of Household Products	Possible VOC Ingredients
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Personal care products: nail polish, nail polish remover, colognes, perfumes, rubbing alcohol, hair spray	Acetone, ethyl alcohol, isopropyl alcohol, methacrylates (methyl or ethyl), ethyl acetate
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PVC cement and primer, various adhesives, contact cement, model cement	Tetrahydrofuran, cyclohexane, methyl ethyl ketone (MEK), toluene, acetone, hexane, 1,1,1-trichloroethane, methyl-iso-butyl ketone (MIBK)
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Degreasers, aerosol penetrating oils, brake cleaner, carburetor cleaner, commercial solvents, electronics cleaners, spray lubricants	Methylene chloride, PERC, TCE, toluene, xylenes, methyl ethyl ketone, 1,1,1-trichloroethane
Moth balls, moth flakes, deodorizers, air fresheners	1,4-dichlorobenzene, naphthalene
Refrigerant from air conditioners, freezers, refrigerators, dehumidifiers	Freons (trichlorofluoromethane, dichlorodifluoromethane)
Aerosol spray products for some paints, cosmetics, automotive products, leather treatments, pesticides	Heptane, butane, pentane
Upholstered furniture, carpets, plywood, pressed wood products	Formaldehyde

VOCs can also get into indoor air from contaminated soils and groundwater under buildings. The chemicals enter buildings through cracks and openings in basements or slabs. When nearby soil or groundwater is contaminated, you might be asked for permission to investigate indoor air at your property. More information can be found at *www.nyhealth.gov/environmental/indoors/vapor_intrusion/*.

Should I be surprised if VOCs are in the air I breathe?

No. Because they are commonly used, some VOCs are almost always found in indoor air. The New York State Department of Health (DOH) and other agencies have studied typical levels of VOCs that may be present in indoor and outdoor air. Sometimes these levels are called "*background levels*".

The term "background levels" can be confusing because they can vary depending on where an air sample was collected and whether VOCs were used or stored. For example, a study of VOCs in urban areas might find higher levels than another study in rural areas. Some studies look at office environments, others examine residences. Please keep in mind study findings may or may not make sense for your setting.

More information about levels of VOCs collected by DOH is available in Appendix C of the guidance for evaluating vapor intrusion at *www.nyhealth.gov/environmental/investigations/soil_gas/svi_guidance.*

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Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure*. No matter how dangerous a substance or activity is, it cannot harm you without exposure.

Whether or not a person will have health effects after breathing in VOCs depends on:

The *toxicity* of the chemical (the amount of harm that can be caused by contact with the chemical).
How much of the chemical is in the air.
How long and how often the air is breathed.

Differences in age, health condition, gender and exposure to other chemicals also can affect whether or not a person will have health effects.

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If you must store products containing VOCs, do so in tightly sealed, original containers in a secure and well-ventilated area. If possible store products in places where people do not spend much time, such as a garage or outdoor shed. Better yet, buy these products in amounts that are used quickly.

Dispose of unneeded products containing VOCs. Many of these products are considered *household hazardous wastes* and should be disposed of at special facilities or during special household hazardous waste collection programs in your area. Contact your town or visit the New York State Department of Environmental Conservation's website at *www.dec.ny.gov/chemical/8485.html* for more information about disposing of these products.

Use products containing VOCs in well-ventilated areas or outdoors. Open windows and doors or use an exhaust fan to increase ventilation. Repeated or prolonged ventilation may be necessary for reducing levels from building materials (new carpeting or furniture) that release VOCs slowly over time.

Carefully read labels and follow directions for use.

Where can I find out more?

- **New York State Department of Health**
  www.health.ny.gov/environmental
- **New York State Department of Environmental Conservation**
  www.dec.ny.gov/chemical/8485.html
- **NYSERDA's Indoor Air Quality and Your Home**
  www.nyserda.ny.gov/-/media/Files/Publications/Research/Other-Technical-Reports/indoor-air-quality.pdf
  USEPA information on Indoor Air Quality
  www.epa.gov/iaq/pubs/index.html
- **New York State Department of Environmental Conservation**
  www.dec.ny.gov/chemical/8485.html
- **National Institute of Health**
  http://hpd.nlm.nih.gov/products.htm

NEW YORK STATE | Department of Health

6513 5/18

ROUX

October 21, 2026

ACME/Supervalu Inc
PO Box 20
Boise, ID 83726

RE: Tenant Notification Letter – ACME Store #2830
Shrub Oak Shopping Center - 1360 East Main Street, Shrub Oak, New York 10588
Vapor Intrusion Investigation Results
NYSDEC Brownfield Cleanup Program Site No. C360117

To Whom It May Concern:

Disclosure: Environmental Conservation Law 27-2405 requires property owners or owners' agents (such as landlords) to notify all of their tenants and occupants of any test results related to indoor air contamination associated with soil vapor intrusion (SVI) that they receive from certain persons and entities. The law applies to both residential and non-residential properties. More information regarding the tenant notification law and your obligations can be found at: http://www.dec.ny.gov/regulations/55739.html

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The Site was accepted into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) on January 27, 2014, and is identified as BCP Site #C360117. The Site is currently being investigated for the presence of chlorinated solvents associated with former and current site operations.

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- NYSDOH Vapor Intrusion Guidance Table 3.1, which provides Indoor Air Guidance Values (IAGVs).

Based on the sample results collected at ACME Store #2830, the recommended action is:

[X]: No Further Action
[ ]: Identify Source(s) and Resample or Mitigate

3950.0001Y136/L

[ ]: Monitor
[ ]: Mitigate

Please be informed that while the final Site remedy is being designed and implemented, under NYSDEC approval, the existing SSDS should continue operational, as an interim remedial measure to mitigate vapor intrusion.

In addition, the following best management practices and mitigation measures are recommended:

- For dry- cleaning operations, use Eco-Friendly Solvents, NYSDEC approved products, instead of traditional PCE/PERC contained products
- Train staff on chemical handling
- Ensure proper disposal of hazardous waste in accordance with local regulations
- Check and maintain air filters
- Seal all cracks and openings in the floor and wall of the tenant space;

Enclosed are fact sheets for PCE and TCE, as well as an informational sheet on volatile organic compounds commonly found in consumer and commercial products (see Appendix A through C).

If you would like a copy of the full VII results, or if you have any questions regarding the ongoing environmental investigation at the Site, please contact NYSDEC Case Manager, Matthew Hubicki, at (518) 402 9605.

Sincerely,

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

Camila Israel
Senior Engineer II

Frank Cherena, P.G.
Principal Hydrogeologist / Executive Vice President

Enclosures:

Appendix A. PCE Factsheets

Appendix B. TCE Factsheet

Appendix C. Volatile Organic Compounds (VOCs) in Commonly Used Products

New York State Department of Health
Tenant Notification Fact Sheet for Tetrachloroethene (Perc)

This fact sheet is provided to fulfill New York State Department of Health (NYS DOH) requirements for preparation of generic fact sheets under Article 27 (Title 24, Section 27-2405) of the Environmental Conservation Law.

Tetrachloroethene (Perc)

Tetrachloroethene (also known as perchloroethylene or Perc) is a man-made volatile organic chemical that is widely used in the dry-cleaning of fabrics, including clothes, and in manufacturing other chemicals. It was also used for degreasing metal parts and in consumer products, including some paint and spot removers, water repellents, brake and wood cleaners, glues, and suede protectors.

Sources of Perc in Indoor Air

Household products containing Perc could be a possible source for Perc in indoor air. Perc also may evaporate from dry-cleaned clothes or dry-cleaning operations into indoor air. Another source could be evaporation from contaminated well water that is used for household purposes. Perc may also enter homes through soil vapor intrusion, which occurs when the chemical evaporates from groundwater, enters soil vapor (air spaces between soil particles), and migrates through building foundations into the building's indoor air. Perc has also been found at low concentrations in outdoor air.

Levels Typically Found in Air

The NYS DOH reviewed and compiled information from studies in New York State as well as from homes and office buildings across the United States on typical levels of Perc in indoor and outdoor air. Levels of Perc in the indoor air of homes and office settings and in outdoor air are expected to be below 10 micrograms per cubic meter (mcg/m^3).

Health Risks Associated with Exposure

An association exists between exposure of people in the workplace to high levels of Perc in air and certain forms of cancer. Perc causes cancer in laboratory animals exposed to high levels over their lifetimes. Overall, the studies of humans and in animals do not prove that Perc causes cancer in people, but are highly suggestive that there may be an increased risk for cancer in people who are exposed to Perc (particularly at high concentrations) over long periods of time

People exposed to high levels of Perc in air had nervous system effects and slight changes to their liver and kidneys. Some studies show a slightly increased risk for some types of reproductive effects among workers (including dry-cleaning workers) exposed to Perc and other chemicals. The reproductive effects associated with exposure included increased risks for spontaneous abortion, menstrual and sperm disorders, and reduced fertility. The data suggest, but do not prove, that the effects were caused by Perc and not by some other factor or factors. Exposure to high levels of Perc has caused liver and kidney damage in laboratory animals and effects on the nervous system. Taken together, the human and animal studies indicate that human exposure to high levels of Perc causes effects on the nervous system, and suggest that human exposure to high levels of Perc may increase the risk for liver and kidney toxicity.

NYS DOH Air Guideline

The NYS DOH guideline for Perc in air is 30 mcg/m^3. This level is lower than the levels that have caused health effects in animals and humans. The guideline is based on the assumption that people

are continuously exposed to Perc in air all day, every day for as long as a lifetime. This is rarely true for most people who, if exposed, are likely to be exposed for only part of the day and part of their lifetime. In setting this level, the NYS DOH also considered the possibility that certain members of the population (infants, children, the elderly, and those with pre-existing health conditions) may be especially sensitive to the effects of Perc.

The purpose of the guideline is to help guide decisions about the nature of the efforts to reduce Perc exposure. Reasonable and practical actions should be taken to reduce Perc exposure when indoor air levels are above those typically found in indoor air, even when they are below the guideline of 30 mcg/m^3. The urgency to take actions increases as indoor air levels increase, especially when air levels are above the guideline. The NYS DOH recommends taking immediate action to reduce exposure when an air level is ten times or more higher than the guideline (that is, when the air level is 300 mcg/m^3 or higher).

Ways to Limit Exposure to Perc in Indoor Air

In all cases, the specific actions to limit exposure to Perc in indoor air depend on a case-by-case evaluation of the situation. Removing household sources of Perc and maintaining adequate ventilation will usually help reduce indoor air levels of the chemical. A sub-slab depressurization system can reduce the amount of Perc entering indoor air by soil vapor intrusion. Use of an activated carbon filter on the water supply can reduce the amount of the chemical in contaminated well water that could evaporate into indoor air.

Reportable Detection Level

The reportable detection level for a chemical can vary depending on the analytical method used, the laboratory performing the analysis, and several other factors. Most laboratories that use the analytical methods recommended by the NYS DOH for measuring Perc in air (and approved by the National Environmental Laboratory Accreditation Conference or New York State's Environmental Laboratory Approval Program) can routinely detect the chemical at concentrations below 1 mcg/m^3.

Additional Information

Additional information on Perc, ways to reduce exposure, indoor air contamination resulting from soil vapor intrusion, indoor and outdoor air levels and the Environmental Conservation Law can be found on the NYS DOH website at www.health.state.ny.us/environmental/indoors/air/contaminants.

If you have further questions about Perc and the information in this fact sheet, please call the NYS DOH at 1-518-402-7800 or 1-800-458-1158 (extension 2-7800), e-mail to **ceheduc@health.state.ny.us**, or write to the following address:

New York State Department of Health
Center for Environmental Health
Outreach and Education Group
Empire State Plaza-Corning Tower, Room 1642
Albany, New York 12237

New York State Department of Health
December, 2013

Trichloroethene (TCE) in Indoor and Outdoor Air

About Trichloroethene

Trichloroethene (also known as trichloroethylene or TCE) is a human-made chemical. TCE is volatile, meaning it readily evaporates into the air at room temperature, where people can sometimes smell it. It is used as a solvent to remove grease from metal, spots from clothing, and as a paint stripper. It is also an ingredient in paints, varnishes, adhesives, and in making other products like furniture and electric/electronic equipment.

Exposure to TCE

People can be exposed to TCE from air, water, food, or skin contact with material and soils containing it. The most common TCE exposures come from breathing indoor air where it is present. However, most people are exposed to TCE at concentrations that are much lower than those known to cause health effects.

Health Risks

TCE exposure can cause health effects on the central nervous system, liver, kidneys, and immune system, and can affect fetal heart development during pregnancy. The United States Environmental Protection Agency classifies TCE as a chemical that causes cancer in humans. As with all exposures, whether or not a person experiences a health effect depends on how much of a chemical they are exposed to, how often the exposure occurs, and how long the exposures last. Individual characteristics such as age, health, lifestyle, and genetics also play a role. If you are concerned about exposure to TCE, talk with a health care provider.

Sources

TCE can get into indoor air when products containing it are used, like glues, adhesives, paint removers, spot removers, and metal cleaners. TCE can also evaporate into the air from household water that comes from contaminated water wells. TCE can enter homes through soil vapor intrusion, which occurs when chemicals evaporate from contaminated groundwater into the air spaces between soil particles and migrate inside through cracks or other openings in a building's foundation. TCE gets into outdoor air when it is released from industrial facilities and when it evaporates from areas where chemical wastes are stored or disposed.

Levels Typically Found in Air

The background indoor air concentrations in homes and office buildings not near known environmental sources of TCE are almost always 1 microgram per cubic meter of air (1 mcg/m^3) or less. Background outdoor air levels also are almost always 1 mcg/m^3 or less.

Ways to Limit Indoor Air Exposure

The specific recommended action depends on a case-by-case evaluation of the situation. In many cases, removing household sources and maintaining adequate ventilation will help reduce indoor air levels. A sub-slab depressurization system can reduce the amount of TCE entering indoor air by soil vapor intrusion. TCE can also evaporate into the air from household water that comes from contaminated water wells. In these cases, using an activated carbon filter on the water supply also can help reduce the amount of TCE in indoor air.

Guidelines

The New York State Department of Health recommends that TCE concentrations in the air not exceed 2 mcg/m^3. This guideline was set at a level below those known or suspected of causing health effects in people and animals. The guideline also assumes that people are continuously exposed to TCE in air, all day, every day, over a lifetime. This is a health protective assumption because most people are not exposed to TCE continuously throughout their life.

The TCE guideline is used to help guide decisions about efforts to reduce TCE exposure. The higher the concentration that TCE is above the guideline level, the greater the urgency to take action to reduce exposure. However, as with all chemicals, reducing exposure is always recommended when concentrations in the air are above background levels.

There is usually a significant TCE source when indoor air concentrations are much greater than the TCE guideline level. New York State Department of Health recommends taking immediate and effective action to reduce exposures when TCE levels in the air are 20 mcg/m^3 and greater. This concentration is based on concerns about TCE exposure during pregnancy, particularly during the first trimester, because TCE exposure is a risk factor for fetal heart defects. The specific recommended action depends on a case-by-case evaluation of the situation.

More Information

- Visit www.health.ny.gov/environmental/chemicals/trichloroethene/ for additional technical information.
- Contact us with any questions or concerns about TCE exposure
  phone: 1-518-402-7800, e-mail btsa@health.ny.gov, or mail:

  New York State Department of Health Bureau of Toxic Substance
  Assessment Corning Tower, Room 1743
  Empire State Plaza, Albany, NY 12237

Volatile Organic Compounds (VOCs) in Commonly Used Products

People spend most of their time indoors – at home, school and work. This makes the quality of the indoor air you breathe important. This fact sheet focuses on certain kinds of chemicals called *volatile organic compounds* or *VOCs* that are found in many products that we commonly use. It is designed to help you think about what VOCs may be present in your indoor air and steps you can take to reduce them.

What are VOCs?

VOCs are chemicals that easily enter the air as gases from some solids or liquids. They are ingredients in many commonly used products and are in the air of just about every indoor setting. The table to the right shows some examples of products that contain VOCs.

How do VOCs get into indoor air?

Products containing VOCs can release these chemicals when they are used and when they are stored. Many times you'll notice an odor when using these products. Product labels often list VOC ingredients and recommend that they should be used in well ventilated areas. *Ventilation* means bringing in fresh, outdoor air to mix with indoor air.

When you use a product containing VOCs indoors, the levels of these chemicals in the air increase, then decrease over time after you stop using them. The amount of time the chemical stays in the air depends on how quickly fresh air enters the room and the amount of the chemical used. Levels of VOCs will decrease faster if you open windows or doors, or use exhaust fans.

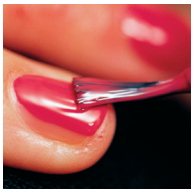
Building materials and furnishings, such as new carpets or furniture, slowly release VOCs over time. It may be necessary to ventilate areas with new carpeting or furniture for longer time periods because VOC levels can build up again after the windows are closed. If possible, unroll new carpets or store furniture outside your home (in a shed or detached garage) to minimize odors before bringing them in the home. If that's not possible, open windows, close doors and try to stay out of rooms until odors are reduced.

If VOC containing products are used outdoors near your home, you may want to close windows and nearby vents to prevent chemicals from coming inside.

Products used at home or work can release VOCs into the air when used and stored.







Examples of Household Products	Possible VOC Ingredients
Fuel containers or devices using gasoline, kerosene, fuel oil and products with petroleum distillates: paint thinner, oil-based stains and paint, aerosol or liquid insect pest products, mineral spirits, furniture polishes	BTEX (benzene, toluene, ethylbenzene, xylene), hexane, cyclohexane, 1,2,4-trimethylbenzene
Personal care products: nail polish, nail polish remover, colognes, perfumes, rubbing alcohol, hair spray	Acetone, ethyl alcohol, isopropyl alcohol, methacrylates (methyl or ethyl), ethyl acetate
Dry cleaned clothes, spot removers, fabric/ leather cleaners	Tetrachloroethene (perchloroethene (PERC), trichloroethene (TCE))
Citrus (orange) oil or pine oil cleaners, solvents and some odor masking products	d-limonene (citrus odor), a-pinene (pine odor), isoprene
PVC cement and primer, various adhesives, contact cement, model cement	Tetrahydrofuran, cyclohexane, methyl ethyl ketone (MEK), toluene, acetone, hexane, 1,1,1-trichloroethane, methyl-iso-butyl ketone (MIBK)
Paint stripper, adhesive (glue) removers	Methylene chloride, toluene, older products may contain carbon tetrachloride
Degreasers, aerosol penetrating oils, brake cleaner, carburetor cleaner, commercial solvents, electronics cleaners, spray lubricants	Methylene chloride, PERC, TCE, toluene, xylenes, methyl ethyl ketone, 1,1,1-trichloroethane
Moth balls, moth flakes, deodorizers, air fresheners	1,4-dichlorobenzene, naphthalene
Refrigerant from air conditioners, freezers, refrigerators, dehumidifiers	Freons (trichlorofluoromethane, dichlorodifluoromethane)
Aerosol spray products for some paints, cosmetics, automotive products, leather treatments, pesticides	Heptane, butane, pentane
Upholstered furniture, carpets, plywood, pressed wood products	Formaldehyde

VOCs can also get into indoor air from contaminated soils and groundwater under buildings. The chemicals enter buildings through cracks and openings in basements or slabs. When nearby soil or groundwater is contaminated, you might be asked for permission to investigate indoor air at your property. More information can be found at *www.nyhealth.gov/environmental/indoors/vapor_intrusion/*.

Should I be surprised if VOCs are in the air I breathe?

No. Because they are commonly used, some VOCs are almost always found in indoor air. The New York State Department of Health (DOH) and other agencies have studied typical levels of VOCs that may be present in indoor and outdoor air. Sometimes these levels are called "*background levels*".

The term "background levels" can be confusing because they can vary depending on where an air sample was collected and whether VOCs were used or stored. For example, a study of VOCs in urban areas might find higher levels than another study in rural areas. Some studies look at office environments, others examine residences. Please keep in mind study findings may or may not make sense for your setting.

More information about levels of VOCs collected by DOH is available in Appendix C of the guidance for evaluating vapor intrusion at *www.nyhealth.gov/environmental/investigations/soil_gas/svi_guidance.*

How can VOCs affect human health?

Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure*. No matter how dangerous a substance or activity is, it cannot harm you without exposure.

Whether or not a person will have health effects after breathing in VOCs depends on:

The *toxicity* of the chemical (the amount of harm that can be caused by contact with the chemical).
How much of the chemical is in the air.
How long and how often the air is breathed.

Differences in age, health condition, gender and exposure to other chemicals also can affect whether or not a person will have health effects.

Short-term exposure to high levels of some VOCs can cause headaches, dizziness, light-headedness, drowsiness, nausea, and eye and respiratory irritation. These effects usually go away after the exposure stops. In laboratory animals, long-term exposure to high levels of some VOCs has caused cancer and affected the liver, kidney and nervous system. In general, we recommend minimizing exposure to chemicals, if possible.

How can I reduce the levels of VOCs indoors?

Find out if products used or stored in your home contain VOCs. Information about the chemicals in many household products are listed on the front of this fact sheet and a larger list is on the National Institute of Health's website at *hpd.nlm.nih.gov/products.htm*.

If you must store products containing VOCs, do so in tightly sealed, original containers in a secure and well-ventilated area. If possible store products in places where people do not spend much time, such as a garage or outdoor shed. Better yet, buy these products in amounts that are used quickly.

Dispose of unneeded products containing VOCs. Many of these products are considered *household hazardous wastes* and should be disposed of at special facilities or during special household hazardous waste collection programs in your area. Contact your town or visit the New York State Department of Environmental Conservation's website at *www.dec.ny.gov/chemical/8485.html* for more information about disposing of these products.

Use products containing VOCs in well-ventilated areas or outdoors. Open windows and doors or use an exhaust fan to increase ventilation. Repeated or prolonged ventilation may be necessary for reducing levels from building materials (new carpeting or furniture) that release VOCs slowly over time.

Carefully read labels and follow directions for use.

Where can I find out more?

- **New York State Department of Health**
  www.health.ny.gov/environmental
- **New York State Department of Environmental Conservation**
  www.dec.ny.gov/chemical/8485.html
- **NYSERDA's Indoor Air Quality and Your Home**
  www.nyserda.ny.gov/-/media/Files/Publications/Research/Other-Technical-Reports/indoor-air-quality.pdf
  USEPA information on Indoor Air Quality
  www.epa.gov/iaq/pubs/index.html
- **New York State Department of Environmental Conservation**
  www.dec.ny.gov/chemical/8485.html
- **National Institute of Health**
  http://hpd.nlm.nih.gov/products.htm

NEW YORK STATE | Department of Health

6513 5/18

October 21, 2026

Fabio 1972 Corp
1356 E Main Street
Shrub Oak, NY 10588

RE: Tenant Notification Letter – Village Pizza 10588 - Pizzeria
Shrub Oak Shopping Center - 1360 East Main Street, Shrub Oak, New York 10588
Vapor Intrusion Investigation Results
NYSDEC Brownfield Cleanup Program Site No. C360117

To Whom It May Concern:

Disclosure: Environmental Conservation Law 27-2405 requires property owners or owners' agents (such as landlords) to notify all of their tenants and occupants of any test results related to indoor air contamination associated with soil vapor intrusion (SVI) that they receive from certain persons and entities. The law applies to both residential and non-residential properties. More information regarding the tenant notification law and your obligations can be found at: http://www.dec.ny.gov/regulations/55739.html

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of Shrub Oak Partners, LLC, the owner of the Shrub Oak Shopping Center, conducted a Vapor Intrusion Investigation at the property located at 1336–1378 East Main Street in the Town of Yorktown, New York (the Site).

The Site was accepted into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) on January 27, 2014, and is identified as BCP Site #C360117. The Site is currently being investigated for the presence of chlorinated solvents associated with former and current site operations.

On April 8, 2026, Roux implemented the NYSDEC- and NYSDOH-approved Vapor Intrusion Investigation Work Plan (VII WP). As part of the investigation, indoor air, outdoor air, sub-slab soil vapor, and/or soil vapor samples were collected and evaluated using the following criteria:

- NYSDOH Vapor Intrusion Guidance using Soil Vapor/Indoor Air Matrices (A through F), which compare contaminant concentrations across different media (e.g., soil vapor, sub-slab vapor, and indoor air) and provide recommended response actions including "No Further Action," "Monitor," "Identify Source(s), Resample, or Mitigate," and "Mitigate," and;
- NYSDOH Vapor Intrusion Guidance Table 3.1, which provides Indoor Air Guidance Values (IAGVs).

Based on the sample results collected at Village Pizza 10588 - Pizzeria, the recommended action is:

[X]: No Further Action
[ ]: Identify Source(s) and Resample or Mitigate

3950.0001Y136/L

[ ]: Monitor
[ ]: Mitigate

Please be informed that while the final Site remedy is being designed and implemented, under NYSDEC approval, the existing SSDS should continue operational, as an interim remedial measure to mitigate vapor intrusion.

In addition, the following best management practices and mitigation measures are recommended:

- For dry- cleaning operations, use Eco-Friendly Solvents, NYSDEC approved products, instead of traditional PCE/PERC contained products
- Train staff on chemical handling
- Ensure proper disposal of hazardous waste in accordance with local regulations
- Check and maintain air filters
- Seal all cracks and openings in the floor and wall of the tenant space;

Enclosed are fact sheets for PCE and TCE, as well as an informational sheet on volatile organic compounds commonly found in consumer and commercial products (see Appendix A through C).

If you would like a copy of the full VII results, or if you have any questions regarding the ongoing environmental investigation at the Site, please contact NYSDEC Case Manager, Matthew Hubicki, at (518) 402 9605.

Sincerely,

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

Camila Israel
Senior Engineer II

Frank Cherena, P.G.
Principal Hydrogeologist / Executive Vice President

Enclosures:

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Appendix B. TCE Factsheet

Appendix C. Volatile Organic Compounds (VOCs) in Commonly Used Products

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Sources of Perc in Indoor Air

Household products containing Perc could be a possible source for Perc in indoor air. Perc also may evaporate from dry-cleaned clothes or dry-cleaning operations into indoor air. Another source could be evaporation from contaminated well water that is used for household purposes. Perc may also enter homes through soil vapor intrusion, which occurs when the chemical evaporates from groundwater, enters soil vapor (air spaces between soil particles), and migrates through building foundations into the building's indoor air. Perc has also been found at low concentrations in outdoor air.

Levels Typically Found in Air

The NYS DOH reviewed and compiled information from studies in New York State as well as from homes and office buildings across the United States on typical levels of Perc in indoor and outdoor air. Levels of Perc in the indoor air of homes and office settings and in outdoor air are expected to be below 10 micrograms per cubic meter (mcg/m^3).

Health Risks Associated with Exposure

An association exists between exposure of people in the workplace to high levels of Perc in air and certain forms of cancer. Perc causes cancer in laboratory animals exposed to high levels over their lifetimes. Overall, the studies of humans and in animals do not prove that Perc causes cancer in people, but are highly suggestive that there may be an increased risk for cancer in people who are exposed to Perc (particularly at high concentrations) over long periods of time

People exposed to high levels of Perc in air had nervous system effects and slight changes to their liver and kidneys. Some studies show a slightly increased risk for some types of reproductive effects among workers (including dry-cleaning workers) exposed to Perc and other chemicals. The reproductive effects associated with exposure included increased risks for spontaneous abortion, menstrual and sperm disorders, and reduced fertility. The data suggest, but do not prove, that the effects were caused by Perc and not by some other factor or factors. Exposure to high levels of Perc has caused liver and kidney damage in laboratory animals and effects on the nervous system. Taken together, the human and animal studies indicate that human exposure to high levels of Perc causes effects on the nervous system, and suggest that human exposure to high levels of Perc may increase the risk for liver and kidney toxicity.

NYS DOH Air Guideline

The NYS DOH guideline for Perc in air is 30 mcg/m^3. This level is lower than the levels that have caused health effects in animals and humans. The guideline is based on the assumption that people

are continuously exposed to Perc in air all day, every day for as long as a lifetime. This is rarely true for most people who, if exposed, are likely to be exposed for only part of the day and part of their lifetime. In setting this level, the NYS DOH also considered the possibility that certain members of the population (infants, children, the elderly, and those with pre-existing health conditions) may be especially sensitive to the effects of Perc.

The purpose of the guideline is to help guide decisions about the nature of the efforts to reduce Perc exposure. Reasonable and practical actions should be taken to reduce Perc exposure when indoor air levels are above those typically found in indoor air, even when they are below the guideline of 30 mcg/m^3. The urgency to take actions increases as indoor air levels increase, especially when air levels are above the guideline. The NYS DOH recommends taking immediate action to reduce exposure when an air level is ten times or more higher than the guideline (that is, when the air level is 300 mcg/m^3 or higher).

Ways to Limit Exposure to Perc in Indoor Air

In all cases, the specific actions to limit exposure to Perc in indoor air depend on a case-by-case evaluation of the situation. Removing household sources of Perc and maintaining adequate ventilation will usually help reduce indoor air levels of the chemical. A sub-slab depressurization system can reduce the amount of Perc entering indoor air by soil vapor intrusion. Use of an activated carbon filter on the water supply can reduce the amount of the chemical in contaminated well water that could evaporate into indoor air.

Reportable Detection Level

The reportable detection level for a chemical can vary depending on the analytical method used, the laboratory performing the analysis, and several other factors. Most laboratories that use the analytical methods recommended by the NYS DOH for measuring Perc in air (and approved by the National Environmental Laboratory Accreditation Conference or New York State's Environmental Laboratory Approval Program) can routinely detect the chemical at concentrations below 1 mcg/m^3.

Additional Information

Additional information on Perc, ways to reduce exposure, indoor air contamination resulting from soil vapor intrusion, indoor and outdoor air levels and the Environmental Conservation Law can be found on the NYS DOH website at www.health.state.ny.us/environmental/indoors/air/contaminants.

If you have further questions about Perc and the information in this fact sheet, please call the NYS DOH at 1-518-402-7800 or 1-800-458-1158 (extension 2-7800), e-mail to **ceheduc@health.state.ny.us**, or write to the following address:

New York State Department of Health
Center for Environmental Health
Outreach and Education Group
Empire State Plaza-Corning Tower, Room 1642
Albany, New York 12237

New York State Department of Health
December, 2013

Trichloroethene (TCE) in Indoor and Outdoor Air

About Trichloroethene

Trichloroethene (also known as trichloroethylene or TCE) is a human-made chemical. TCE is volatile, meaning it readily evaporates into the air at room temperature, where people can sometimes smell it. It is used as a solvent to remove grease from metal, spots from clothing, and as a paint stripper. It is also an ingredient in paints, varnishes, adhesives, and in making other products like furniture and electric/electronic equipment.

Exposure to TCE

People can be exposed to TCE from air, water, food, or skin contact with material and soils containing it. The most common TCE exposures come from breathing indoor air where it is present. However, most people are exposed to TCE at concentrations that are much lower than those known to cause health effects.

Health Risks

TCE exposure can cause health effects on the central nervous system, liver, kidneys, and immune system, and can affect fetal heart development during pregnancy. The United States Environmental Protection Agency classifies TCE as a chemical that causes cancer in humans. As with all exposures, whether or not a person experiences a health effect depends on how much of a chemical they are exposed to, how often the exposure occurs, and how long the exposures last. Individual characteristics such as age, health, lifestyle, and genetics also play a role. If you are concerned about exposure to TCE, talk with a health care provider.

Sources

TCE can get into indoor air when products containing it are used, like glues, adhesives, paint removers, spot removers, and metal cleaners. TCE can also evaporate into the air from household water that comes from contaminated water wells. TCE can enter homes through soil vapor intrusion, which occurs when chemicals evaporate from contaminated groundwater into the air spaces between soil particles and migrate inside through cracks or other openings in a building's foundation. TCE gets into outdoor air when it is released from industrial facilities and when it evaporates from areas where chemical wastes are stored or disposed.

Levels Typically Found in Air

The background indoor air concentrations in homes and office buildings not near known environmental sources of TCE are almost always 1 microgram per cubic meter of air (1 mcg/m^3) or less. Background outdoor air levels also are almost always 1 mcg/m^3 or less.

Ways to Limit Indoor Air Exposure

The specific recommended action depends on a case-by-case evaluation of the situation. In many cases, removing household sources and maintaining adequate ventilation will help reduce indoor air levels. A sub-slab depressurization system can reduce the amount of TCE entering indoor air by soil vapor intrusion. TCE can also evaporate into the air from household water that comes from contaminated water wells. In these cases, using an activated carbon filter on the water supply also can help reduce the amount of TCE in indoor air.

Guidelines

The New York State Department of Health recommends that TCE concentrations in the air not exceed 2 mcg/m^3. This guideline was set at a level below those known or suspected of causing health effects in people and animals. The guideline also assumes that people are continuously exposed to TCE in air, all day, every day, over a lifetime. This is a health protective assumption because most people are not exposed to TCE continuously throughout their life.

The TCE guideline is used to help guide decisions about efforts to reduce TCE exposure. The higher the concentration that TCE is above the guideline level, the greater the urgency to take action to reduce exposure. However, as with all chemicals, reducing exposure is always recommended when concentrations in the air are above background levels.

There is usually a significant TCE source when indoor air concentrations are much greater than the TCE guideline level. New York State Department of Health recommends taking immediate and effective action to reduce exposures when TCE levels in the air are 20 mcg/m^3 and greater. This concentration is based on concerns about TCE exposure during pregnancy, particularly during the first trimester, because TCE exposure is a risk factor for fetal heart defects. The specific recommended action depends on a case-by-case evaluation of the situation.

More Information

- Visit www.health.ny.gov/environmental/chemicals/trichloroethene/ for additional technical information.
- Contact us with any questions or concerns about TCE exposure
  phone: 1-518-402-7800, e-mail btsa@health.ny.gov, or mail:

  New York State Department of Health Bureau of Toxic Substance
  Assessment Corning Tower, Room 1743
  Empire State Plaza, Albany, NY 12237

Volatile Organic Compounds (VOCs) in Commonly Used Products

People spend most of their time indoors – at home, school and work. This makes the quality of the indoor air you breathe important. This fact sheet focuses on certain kinds of chemicals called *volatile organic compounds* or *VOCs* that are found in many products that we commonly use. It is designed to help you think about what VOCs may be present in your indoor air and steps you can take to reduce them.

What are VOCs?

VOCs are chemicals that easily enter the air as gases from some solids or liquids. They are ingredients in many commonly used products and are in the air of just about every indoor setting. The table to the right shows some examples of products that contain VOCs.

How do VOCs get into indoor air?

Products containing VOCs can release these chemicals when they are used and when they are stored. Many times you'll notice an odor when using these products. Product labels often list VOC ingredients and recommend that they should be used in well ventilated areas. *Ventilation* means bringing in fresh, outdoor air to mix with indoor air.

When you use a product containing VOCs indoors, the levels of these chemicals in the air increase, then decrease over time after you stop using them. The amount of time the chemical stays in the air depends on how quickly fresh air enters the room and the amount of the chemical used. Levels of VOCs will decrease faster if you open windows or doors, or use exhaust fans.

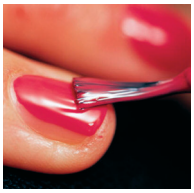
Building materials and furnishings, such as new carpets or furniture, slowly release VOCs over time. It may be necessary to ventilate areas with new carpeting or furniture for longer time periods because VOC levels can build up again after the windows are closed. If possible, unroll new carpets or store furniture outside your home (in a shed or detached garage) to minimize odors before bringing them in the home. If that's not possible, open windows, close doors and try to stay out of rooms until odors are reduced.

If VOC containing products are used outdoors near your home, you may want to close windows and nearby vents to prevent chemicals from coming inside.

Products used at home or work can release VOCs into the air when used and stored.







Examples of Household Products	Possible VOC Ingredients
Fuel containers or devices using gasoline, kerosene, fuel oil and products with petroleum distillates: paint thinner, oil-based stains and paint, aerosol or liquid insect pest products, mineral spirits, furniture polishes	BTEX (benzene, toluene, ethylbenzene, xylene), hexane, cyclohexane, 1,2,4-trimethylbenzene
Personal care products: nail polish, nail polish remover, colognes, perfumes, rubbing alcohol, hair spray	Acetone, ethyl alcohol, isopropyl alcohol, methacrylates (methyl or ethyl), ethyl acetate
Dry cleaned clothes, spot removers, fabric/ leather cleaners	Tetrachloroethene (perchloroethene (PERC), trichloroethene (TCE))
Citrus (orange) oil or pine oil cleaners, solvents and some odor masking products	d-limonene (citrus odor), a-pinene (pine odor), isoprene
PVC cement and primer, various adhesives, contact cement, model cement	Tetrahydrofuran, cyclohexane, methyl ethyl ketone (MEK), toluene, acetone, hexane, 1,1,1-trichloroethane, methyl-iso-butyl ketone (MIBK)
Paint stripper, adhesive (glue) removers	Methylene chloride, toluene, older products may contain carbon tetrachloride
Degreasers, aerosol penetrating oils, brake cleaner, carburetor cleaner, commercial solvents, electronics cleaners, spray lubricants	Methylene chloride, PERC, TCE, toluene, xylenes, methyl ethyl ketone, 1,1,1-trichloroethane
Moth balls, moth flakes, deodorizers, air fresheners	1,4-dichlorobenzene, naphthalene
Refrigerant from air conditioners, freezers, refrigerators, dehumidifiers	Freons (trichlorofluoromethane, dichlorodifluoromethane)
Aerosol spray products for some paints, cosmetics, automotive products, leather treatments, pesticides	Heptane, butane, pentane
Upholstered furniture, carpets, plywood, pressed wood products	Formaldehyde

VOCs can also get into indoor air from contaminated soils and groundwater under buildings. The chemicals enter buildings through cracks and openings in basements or slabs. When nearby soil or groundwater is contaminated, you might be asked for permission to investigate indoor air at your property. More information can be found at *www.nyhealth.gov/environmental/indoors/vapor_intrusion/*.

Should I be surprised if VOCs are in the air I breathe?

No. Because they are commonly used, some VOCs are almost always found in indoor air. The New York State Department of Health (DOH) and other agencies have studied typical levels of VOCs that may be present in indoor and outdoor air. Sometimes these levels are called "*background levels*".

The term "background levels" can be confusing because they can vary depending on where an air sample was collected and whether VOCs were used or stored. For example, a study of VOCs in urban areas might find higher levels than another study in rural areas. Some studies look at office environments, others examine residences. Please keep in mind study findings may or may not make sense for your setting.

More information about levels of VOCs collected by DOH is available in Appendix C of the guidance for evaluating vapor intrusion at *www.nyhealth.gov/environmental/investigations/soil_gas/svi_guidance.*

How can VOCs affect human health?

Chemicals can enter the body through three major pathways (breathing, touching or swallowing). This is referred to as *exposure*. No matter how dangerous a substance or activity is, it cannot harm you without exposure.

Whether or not a person will have health effects after breathing in VOCs depends on:

The *toxicity* of the chemical (the amount of harm that can be caused by contact with the chemical).
How much of the chemical is in the air.
How long and how often the air is breathed.

Differences in age, health condition, gender and exposure to other chemicals also can affect whether or not a person will have health effects.

Short-term exposure to high levels of some VOCs can cause headaches, dizziness, light-headedness, drowsiness, nausea, and eye and respiratory irritation. These effects usually go away after the exposure stops. In laboratory animals, long-term exposure to high levels of some VOCs has caused cancer and affected the liver, kidney and nervous system. In general, we recommend minimizing exposure to chemicals, if possible.

How can I reduce the levels of VOCs indoors?

Find out if products used or stored in your home contain VOCs. Information about the chemicals in many household products are listed on the front of this fact sheet and a larger list is on the National Institute of Health's website at *hpd.nlm.nih.gov/products.htm*.

If you must store products containing VOCs, do so in tightly sealed, original containers in a secure and well-ventilated area. If possible store products in places where people do not spend much time, such as a garage or outdoor shed. Better yet, buy these products in amounts that are used quickly.

Dispose of unneeded products containing VOCs. Many of these products are considered *household hazardous wastes* and should be disposed of at special facilities or during special household hazardous waste collection programs in your area. Contact your town or visit the New York State Department of Environmental Conservation's website at *www.dec.ny.gov/chemical/8485.html* for more information about disposing of these products.

Use products containing VOCs in well-ventilated areas or outdoors. Open windows and doors or use an exhaust fan to increase ventilation. Repeated or prolonged ventilation may be necessary for reducing levels from building materials (new carpeting or furniture) that release VOCs slowly over time.

Carefully read labels and follow directions for use.

Where can I find out more?

- **New York State Department of Health**
  www.health.ny.gov/environmental
- **New York State Department of Environmental Conservation**
  www.dec.ny.gov/chemical/8485.html
- **NYSERDA's Indoor Air Quality and Your Home**
  www.nyserda.ny.gov/-/media/Files/Publications/Research/Other-Technical-Reports/indoor-air-quality.pdf
  USEPA information on Indoor Air Quality
  www.epa.gov/iaq/pubs/index.html
- **New York State Department of Environmental Conservation**
  www.dec.ny.gov/chemical/8485.html
- **National Institute of Health**
  http://hpd.nlm.nih.gov/products.htm

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